

S.S 685 "DELLE TRE VALLI UMBRE"
TRATTO SPOLETO - ACQUASPARTA
1° stralcio: Madonna di Baiano-Firenzuola

PROGETTO ESECUTIVO

COD. **PG143**

PROGETTAZIONE: ATI SINTAGMA - GDG - ICARIA

IL RESPONSABILE DELL'INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE:

Dott. Ing. Nando Granieri
 Ordine degli Ingegneri della Prov. di Perugia n° A351

IL PROGETTISTA:

Dott. Ing. Federico Durastanti
 Ordine degli Ingegneri della Prov. di Terni n° Terni n°A844

IL GEOLOGO:

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

IL COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE:

Dott. Ing. Filippo Pambianco
 Ordine degli Ingegneri della Prov. di Perugia n° A1373

Il Responsabile di Progetto

Arch. Pianificatore Marco Colazza

Il Responsabile del Procedimento

Dott. Ing.
 Alessandro Micheli

PROTOCOLLO

DATA

IL GRUPPO DI PROGETTAZIONE:

MANDATARIA:

MANDANTI:



Dott.Ing. N.Granieri
 Dott.Arch. N.Kamenicky
 Dott.Ing. V.Truffini
 Dott.Arch. A.Bracchini
 Dott.Ing. F.Durastanti
 Dott.Ing. E.Bartolucci
 Dott.Geol. G.Cerquiglini
 Geom. S.Scopetta
 Dott.Ing. L.Sbrenna
 Dott.Ing. E.Sellari
 Dott.Ing. L.Dinelli
 Dott.Ing. L.Nani
 Dott.Ing. F.Pambianco
 Dott. Agr. F.Berti Nulli

Dott. Ing. D.Carlaccini
 Dott. Ing. S.Sacconi
 Dott. Ing. C.Consorti
 Dott. Ing. E.Loffredo
 Dott. Ing. C.Chierichini

Dott. Ing. V.Rotisciani
 Dott. Ing. F.Macchioni
 Geom. C.Vischini
 Dott. Ing. V.Piunno
 Dott. Ing. G.Pulli
 Geom. C.Sugaroni



08.VIADOTTI E PONTI
08.02 VIADOTTO MOLINO VECCHIO

Allegato alla relazione di calcolo pile - elevazione - Tabulati

| CODICE PROGETTO | | | NOME FILE | REVISIONE | SCALA: |
|-----------------|-------------|------|-----------------------------|---------------------|----------------------|
| PROGETTO | LIV. PROG. | ANNO | <i>T00VI02STRRE07A</i> | | |
| DTPG143 | E | 23 | CODICE ELAB. T00VI02STRRE07 | A | - |
| | | | | | |
| | | | | | |
| A | Emissione | | <i>Ago 2023</i> | <i>C.Margheriti</i> | <i>F.Durastanti</i> |
| REV. | DESCRIZIONE | | DATA | REDATTO | VERIFICATO APPROVATO |

TIME AT CENTRAL PROCESSOR = 7:08:13 ON 30/06/23 (DAY/MTH/YR)

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

VBNAME VALUE
NLPZ 196608000
NPGS 960

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

VBNAME VALUE
IDTIME 1

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

Build Information : MODELLER04 - Dec 23 2022 12:33:43

Kit Version : 20.0-2
Solver Version : 20.0.1617.7496 (32-bit)

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

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

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

KeyID 15062 licensed on PC processor. Expires 1-07-2024
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\LUSAS200\Programs (x86)\Lusas_S.exe
Input file :

D:\SynologyDrive\01_lavoro\48_037_09_23_632_418_Due_Viadotti_Trevalli_Esec_Sintagma_LF\03_calcoli\VI02_molino_vecchio\LUSASFiles
32\Molino_Vecchio_Sottostruttura_15_g_LB\Molino_Vecchio_Sottostruttura_15_g_LB-07_VSM.dat

Number of processors available : 20
Maximum number of threads available : 20

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 7:08:16 ON 30/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

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

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

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

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

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

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

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

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

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

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

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

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

O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY
 O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES
 O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS
 O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|----------------|----------------------|------|------|------|
| JSH4 | ELEMENTS | | | |
| 1443 | 2581 | 2605 | 2613 | 2614 |
| 1444 | 2582 | 2606 | 2615 | 2616 |
| 1445 | 1 | 613 | 2617 | 2618 |
| 1446 | 4 | 670 | 2619 | 2620 |
| 1447 | 67 | 616 | 2621 | 2622 |
| 1448 | 69 | 673 | 2623 | 2624 |
| 1449 | 110 | 619 | 2625 | 2626 |
| 1450 | 108 | 676 | 2627 | 2628 |
| 1451 | 147 | 622 | 2629 | 2630 |
| 1452 | 145 | 679 | 2631 | 2632 |
| 1453 | 184 | 625 | 2633 | 2634 |
| 1454 | 182 | 682 | 2635 | 2636 |
| 1455 | 221 | 628 | 2637 | 2638 |
| 1456 | 219 | 685 | 2639 | 2640 |
| 1457 | 258 | 631 | 2641 | 2642 |
| 1458 | 256 | 688 | 2643 | 2644 |
| 1459 | 597 | 634 | 2645 | 2646 |
| 1460 | 605 | 691 | 2647 | 2648 |
| 1461 | 593 | 2607 | 2649 | 2650 |
| 1462 | 601 | 2608 | 2651 | 2652 |
| 1463 | 295 | 640 | 2653 | 2654 |
| 1464 | 293 | 697 | 2655 | 2656 |
| 1465 | 332 | 643 | 2657 | 2658 |
| 1466 | 330 | 700 | 2659 | 2660 |
| 1467 | 369 | 646 | 2661 | 2662 |
| 1468 | 367 | 703 | 2663 | 2664 |
| 1469 | 406 | 649 | 2665 | 2666 |
| 1470 | 404 | 706 | 2667 | 2668 |
| 1471 | 443 | 652 | 2669 | 2670 |
| 1472 | 441 | 709 | 2671 | 2672 |
| 1473 | 480 | 655 | 2673 | 2674 |
| 1474 | 478 | 712 | 2675 | 2676 |
| 1475 | 517 | 658 | 2677 | 2678 |
| 1476 | 515 | 715 | 2679 | 2680 |
| 1477 | 554 | 661 | 2681 | 2682 |
| 1478 | 552 | 718 | 2683 | 2684 |
| 1479 | 2583 | 2609 | 2685 | 2686 |
| 1480 | 2584 | 2610 | 2687 | 2688 |
| 1481 | 2585 | 2567 | 2689 | 2690 |
| 1482 | 2570 | 2573 | 2691 | 2692 |
| 1483 | 2586 | 2576 | 2693 | 2694 |
| 1484 | 2587 | 2611 | 2695 | 2696 |
| 1485 | 2588 | 71 | 2697 | 2698 |
| 1486 | 2589 | 73 | 2699 | 2700 |
| 1487 | 2590 | 106 | 2701 | 2702 |
| 1488 | 2591 | 143 | 2703 | 2704 |
| 1489 | 2592 | 180 | 2705 | 2706 |
| 1490 | 2593 | 217 | 2707 | 2708 |
| 1491 | 2594 | 254 | 2709 | 2710 |
| 1492 | 2595 | 583 | 2711 | 2712 |
| 1493 | 2596 | 291 | 2713 | 2714 |
| 1494 | 2597 | 328 | 2715 | 2716 |
| 1495 | 2598 | 365 | 2717 | 2718 |
| 1496 | 2599 | 402 | 2719 | 2720 |
| 1497 | 2600 | 439 | 2721 | 2722 |
| 1498 | 2601 | 476 | 2723 | 2724 |
| 1499 | 2602 | 513 | 2725 | 2726 |
| 1500 | 2603 | 550 | 2727 | 2728 |
| 1501 | 2604 | 2612 | 2729 | 2730 |
| 1502 | 2605 | 610 | 2731 | 2732 |
| 1503 | 2606 | 667 | 2733 | 2734 |
| 1504 | 2607 | 637 | 2735 | 2736 |
| 1505 | 2608 | 694 | 2737 | 2738 |
| 1506 | 2609 | 664 | 2739 | 2740 |
| 1507 | 2610 | 2579 | 2741 | 2742 |

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED) | | |
|----------------|----------------------|---|----|--|
| BMI21 | ELEMENTS | | | |
| 1 | 1 | 2 | 3 | |
| 2 | 4 | 5 | 6 | |
| 3 | 2 | 7 | 8 | |
| 4 | 5 | 9 | 10 | |
| 5 | 7 | 11 | 12 | |
| 6 | 11 | 9 | 13 | |

| | | | |
|-----|-----|-----|-----|
| 7 | 9 | 14 | 15 |
| 8 | 16 | 7 | 17 |
| 9 | 11 | 18 | 19 |
| 10 | 18 | 21 | 28 |
| 11 | 21 | 22 | 29 |
| 12 | 22 | 23 | 30 |
| 13 | 23 | 24 | 31 |
| 14 | 24 | 25 | 32 |
| 15 | 25 | 26 | 33 |
| 16 | 26 | 27 | 34 |
| 17 | 27 | 20 | 35 |
| 18 | 36 | 37 | 38 |
| 19 | 39 | 40 | 41 |
| 20 | 37 | 42 | 43 |
| 21 | 42 | 40 | 44 |
| 22 | 40 | 45 | 46 |
| 23 | 47 | 37 | 48 |
| 24 | 42 | 49 | 50 |
| 25 | 49 | 52 | 59 |
| 26 | 52 | 53 | 60 |
| 27 | 53 | 54 | 61 |
| 28 | 54 | 55 | 62 |
| 29 | 55 | 56 | 63 |
| 30 | 56 | 57 | 64 |
| 31 | 57 | 58 | 65 |
| 32 | 58 | 51 | 66 |
| 33 | 67 | 36 | 68 |
| 34 | 69 | 39 | 70 |
| 35 | 20 | 71 | 72 |
| 36 | 51 | 73 | 74 |
| 37 | 75 | 76 | 77 |
| 38 | 78 | 79 | 80 |
| 39 | 76 | 81 | 82 |
| 40 | 81 | 79 | 83 |
| 41 | 79 | 84 | 85 |
| 42 | 86 | 76 | 87 |
| 43 | 81 | 88 | 89 |
| 44 | 88 | 91 | 98 |
| 45 | 91 | 92 | 99 |
| 46 | 92 | 93 | 100 |
| 47 | 93 | 94 | 101 |
| 48 | 94 | 95 | 102 |
| 49 | 95 | 96 | 103 |
| 50 | 96 | 97 | 104 |
| 51 | 97 | 90 | 105 |
| 52 | 90 | 106 | 107 |
| 53 | 108 | 78 | 109 |
| 54 | 110 | 75 | 111 |
| 55 | 112 | 113 | 114 |
| 56 | 115 | 116 | 117 |
| 57 | 113 | 118 | 119 |
| 58 | 118 | 116 | 120 |
| 59 | 116 | 121 | 122 |
| 60 | 123 | 113 | 124 |
| 61 | 118 | 125 | 126 |
| 62 | 125 | 128 | 135 |
| 63 | 128 | 129 | 136 |
| 64 | 129 | 130 | 137 |
| 65 | 130 | 131 | 138 |
| 66 | 131 | 132 | 139 |
| 67 | 132 | 133 | 140 |
| 68 | 133 | 134 | 141 |
| 69 | 134 | 127 | 142 |
| 70 | 127 | 143 | 144 |
| 71 | 145 | 115 | 146 |
| 72 | 147 | 112 | 148 |
| 73 | 149 | 150 | 151 |
| 74 | 152 | 153 | 154 |
| 75 | 150 | 155 | 156 |
| 76 | 155 | 153 | 157 |
| 77 | 153 | 158 | 159 |
| 78 | 160 | 150 | 161 |
| 79 | 155 | 162 | 163 |
| 80 | 162 | 165 | 172 |
| 81 | 165 | 166 | 173 |
| 82 | 166 | 167 | 174 |
| 83 | 167 | 168 | 175 |
| 84 | 168 | 169 | 176 |
| 85 | 169 | 170 | 177 |
| 86 | 170 | 171 | 178 |
| 87 | 171 | 164 | 179 |
| 88 | 164 | 180 | 181 |
| 89 | 182 | 152 | 183 |
| 90 | 184 | 149 | 185 |
| 91 | 186 | 187 | 188 |
| 92 | 189 | 190 | 191 |
| 93 | 187 | 192 | 193 |
| 94 | 192 | 190 | 194 |
| 95 | 190 | 195 | 196 |
| 96 | 197 | 187 | 198 |
| 97 | 192 | 199 | 200 |
| 98 | 199 | 202 | 209 |
| 99 | 202 | 203 | 210 |
| 100 | 203 | 204 | 211 |
| 101 | 204 | 205 | 212 |
| 102 | 205 | 206 | 213 |
| 103 | 206 | 207 | 214 |
| 104 | 207 | 208 | 215 |
| 105 | 208 | 201 | 216 |
| 106 | 201 | 217 | 218 |
| 107 | 219 | 189 | 220 |
| 108 | 221 | 186 | 222 |
| 109 | 223 | 224 | 225 |
| 110 | 226 | 227 | 228 |
| 111 | 224 | 229 | 230 |

| | | | |
|-----|-----|-----|-----|
| 112 | 229 | 227 | 231 |
| 113 | 227 | 232 | 233 |
| 114 | 234 | 224 | 235 |
| 115 | 229 | 236 | 237 |
| 116 | 236 | 239 | 246 |
| 117 | 239 | 240 | 247 |
| 118 | 240 | 241 | 248 |
| 119 | 241 | 242 | 249 |
| 120 | 242 | 243 | 250 |
| 121 | 243 | 244 | 251 |
| 122 | 244 | 245 | 252 |
| 123 | 245 | 238 | 253 |
| 124 | 238 | 254 | 255 |
| 125 | 256 | 226 | 257 |
| 126 | 258 | 223 | 259 |
| 127 | 260 | 261 | 262 |
| 128 | 263 | 264 | 265 |
| 129 | 261 | 266 | 267 |
| 130 | 266 | 264 | 268 |
| 131 | 264 | 269 | 270 |
| 132 | 271 | 261 | 272 |
| 133 | 266 | 273 | 274 |
| 134 | 273 | 276 | 283 |
| 135 | 276 | 277 | 284 |
| 136 | 277 | 278 | 285 |
| 137 | 278 | 279 | 286 |
| 138 | 279 | 280 | 287 |
| 139 | 280 | 281 | 288 |
| 140 | 281 | 282 | 289 |
| 141 | 282 | 275 | 290 |
| 142 | 275 | 291 | 292 |
| 143 | 293 | 263 | 294 |
| 144 | 295 | 260 | 296 |
| 145 | 297 | 298 | 299 |
| 146 | 300 | 301 | 302 |
| 147 | 298 | 303 | 304 |
| 148 | 303 | 301 | 305 |
| 149 | 301 | 306 | 307 |
| 150 | 308 | 298 | 309 |
| 151 | 303 | 310 | 311 |
| 152 | 310 | 313 | 320 |
| 153 | 313 | 314 | 321 |
| 154 | 314 | 315 | 322 |
| 155 | 315 | 316 | 323 |
| 156 | 316 | 317 | 324 |
| 157 | 317 | 318 | 325 |
| 158 | 318 | 319 | 326 |
| 159 | 319 | 312 | 327 |
| 160 | 312 | 328 | 329 |
| 161 | 330 | 300 | 331 |
| 162 | 332 | 297 | 333 |
| 163 | 334 | 335 | 336 |
| 164 | 337 | 338 | 339 |
| 165 | 335 | 340 | 341 |
| 166 | 340 | 338 | 342 |
| 167 | 338 | 343 | 344 |
| 168 | 345 | 335 | 346 |
| 169 | 340 | 347 | 348 |
| 170 | 347 | 350 | 357 |
| 171 | 350 | 351 | 358 |
| 172 | 351 | 352 | 359 |
| 173 | 352 | 353 | 360 |
| 174 | 353 | 354 | 361 |
| 175 | 354 | 355 | 362 |
| 176 | 355 | 356 | 363 |
| 177 | 356 | 349 | 364 |
| 178 | 349 | 365 | 366 |
| 179 | 367 | 337 | 368 |
| 180 | 369 | 334 | 370 |
| 181 | 371 | 372 | 373 |
| 182 | 374 | 375 | 376 |
| 183 | 372 | 377 | 378 |
| 184 | 377 | 375 | 379 |
| 185 | 375 | 380 | 381 |
| 186 | 382 | 372 | 383 |
| 187 | 377 | 384 | 385 |
| 188 | 384 | 387 | 394 |
| 189 | 387 | 388 | 395 |
| 190 | 388 | 389 | 396 |
| 191 | 389 | 390 | 397 |
| 192 | 390 | 391 | 398 |
| 193 | 391 | 392 | 399 |
| 194 | 392 | 393 | 400 |
| 195 | 393 | 386 | 401 |
| 196 | 386 | 402 | 403 |
| 197 | 404 | 374 | 405 |
| 198 | 406 | 371 | 407 |
| 199 | 408 | 409 | 410 |
| 200 | 411 | 412 | 413 |
| 201 | 409 | 414 | 415 |
| 202 | 414 | 412 | 416 |
| 203 | 412 | 417 | 418 |
| 204 | 419 | 409 | 420 |
| 205 | 414 | 421 | 422 |
| 206 | 421 | 424 | 431 |
| 207 | 424 | 425 | 432 |
| 208 | 425 | 426 | 433 |
| 209 | 426 | 427 | 434 |
| 210 | 427 | 428 | 435 |
| 211 | 428 | 429 | 436 |
| 212 | 429 | 430 | 437 |
| 213 | 430 | 423 | 438 |
| 214 | 423 | 439 | 440 |
| 215 | 441 | 411 | 442 |
| 216 | 443 | 408 | 444 |

| | | | |
|-----|-----|-----|-----|
| 217 | 445 | 446 | 447 |
| 218 | 448 | 449 | 450 |
| 219 | 446 | 451 | 452 |
| 220 | 451 | 449 | 453 |
| 221 | 449 | 454 | 455 |
| 222 | 456 | 446 | 457 |
| 223 | 451 | 458 | 459 |
| 224 | 458 | 461 | 468 |
| 225 | 461 | 462 | 469 |
| 226 | 462 | 463 | 470 |
| 227 | 463 | 464 | 471 |
| 228 | 464 | 465 | 472 |
| 229 | 465 | 466 | 473 |
| 230 | 466 | 467 | 474 |
| 231 | 467 | 460 | 475 |
| 232 | 460 | 476 | 477 |
| 233 | 478 | 448 | 479 |
| 234 | 480 | 445 | 481 |
| 235 | 482 | 483 | 484 |
| 236 | 485 | 486 | 487 |
| 237 | 483 | 488 | 489 |
| 238 | 488 | 486 | 490 |
| 239 | 486 | 491 | 492 |
| 240 | 493 | 483 | 494 |
| 241 | 488 | 495 | 496 |
| 242 | 495 | 498 | 505 |
| 243 | 498 | 499 | 506 |
| 244 | 499 | 500 | 507 |
| 245 | 500 | 501 | 508 |
| 246 | 501 | 502 | 509 |
| 247 | 502 | 503 | 510 |
| 248 | 503 | 504 | 511 |
| 249 | 504 | 497 | 512 |
| 250 | 497 | 513 | 514 |
| 251 | 515 | 485 | 516 |
| 252 | 517 | 482 | 518 |
| 253 | 519 | 520 | 521 |
| 254 | 522 | 523 | 524 |
| 255 | 520 | 525 | 526 |
| 256 | 525 | 523 | 527 |
| 257 | 523 | 528 | 529 |
| 258 | 530 | 520 | 531 |
| 259 | 525 | 532 | 533 |
| 260 | 532 | 535 | 542 |
| 261 | 535 | 536 | 543 |
| 262 | 536 | 537 | 544 |
| 263 | 537 | 538 | 545 |
| 264 | 538 | 539 | 546 |
| 265 | 539 | 540 | 547 |
| 266 | 540 | 541 | 548 |
| 267 | 541 | 534 | 549 |
| 268 | 534 | 550 | 551 |
| 269 | 552 | 522 | 553 |
| 270 | 554 | 519 | 555 |
| 271 | 556 | 557 | 558 |
| 272 | 557 | 559 | 560 |
| 273 | 559 | 561 | 562 |
| 274 | 563 | 556 | 564 |
| 275 | 557 | 565 | 566 |
| 276 | 565 | 568 | 575 |
| 277 | 568 | 569 | 576 |
| 278 | 569 | 570 | 577 |
| 279 | 570 | 571 | 578 |
| 280 | 571 | 572 | 579 |
| 281 | 572 | 573 | 580 |
| 282 | 573 | 574 | 581 |
| 283 | 574 | 567 | 582 |
| 284 | 567 | 583 | 584 |
| 285 | 585 | 559 | 586 |
| 286 | 559 | 587 | 588 |
| 287 | 589 | 556 | 590 |
| 288 | 556 | 591 | 592 |
| 289 | 593 | 594 | 595 |
| 290 | 594 | 591 | 596 |
| 291 | 597 | 598 | 599 |
| 292 | 598 | 589 | 600 |
| 293 | 601 | 602 | 603 |
| 294 | 602 | 587 | 604 |
| 295 | 605 | 606 | 607 |
| 296 | 606 | 585 | 608 |
| 297 | 609 | 610 | 611 |
| 298 | 612 | 613 | 614 |
| 299 | 615 | 616 | 617 |
| 300 | 618 | 619 | 620 |
| 301 | 621 | 622 | 623 |
| 302 | 624 | 625 | 626 |
| 303 | 627 | 628 | 629 |
| 304 | 630 | 631 | 632 |
| 305 | 633 | 634 | 635 |
| 306 | 636 | 637 | 638 |
| 307 | 639 | 640 | 641 |
| 308 | 642 | 643 | 644 |
| 309 | 645 | 646 | 647 |
| 310 | 648 | 649 | 650 |
| 311 | 651 | 652 | 653 |
| 312 | 654 | 655 | 656 |
| 313 | 657 | 658 | 659 |
| 314 | 660 | 661 | 662 |
| 315 | 663 | 664 | 665 |
| 316 | 666 | 667 | 668 |
| 317 | 669 | 670 | 671 |
| 318 | 672 | 673 | 674 |
| 319 | 675 | 676 | 677 |
| 320 | 678 | 679 | 680 |
| 321 | 681 | 682 | 683 |

| | | | |
|-----|-----|-----|-----|
| 322 | 684 | 685 | 686 |
| 323 | 687 | 688 | 689 |
| 324 | 690 | 691 | 692 |
| 325 | 693 | 694 | 695 |
| 326 | 696 | 697 | 698 |
| 327 | 699 | 700 | 701 |
| 328 | 702 | 703 | 704 |
| 329 | 705 | 706 | 707 |
| 330 | 708 | 709 | 710 |
| 331 | 711 | 712 | 713 |
| 332 | 714 | 715 | 716 |
| 333 | 717 | 718 | 719 |
| 334 | 666 | 609 | 720 |
| 335 | 711 | 654 | 721 |
| 336 | 714 | 657 | 722 |
| 337 | 717 | 660 | 723 |
| 338 | 724 | 663 | 725 |
| 339 | 726 | 727 | 728 |
| 340 | 729 | 730 | 731 |
| 341 | 732 | 733 | 734 |
| 342 | 735 | 736 | 737 |
| 343 | 738 | 739 | 740 |
| 344 | 741 | 742 | 743 |
| 345 | 744 | 745 | 746 |
| 346 | 747 | 748 | 749 |
| 347 | 750 | 751 | 752 |
| 348 | 753 | 754 | 755 |
| 349 | 756 | 757 | 758 |
| 350 | 759 | 760 | 761 |
| 351 | 762 | 763 | 764 |
| 352 | 765 | 766 | 767 |
| 353 | 768 | 769 | 770 |
| 354 | 771 | 772 | 773 |
| 355 | 774 | 775 | 776 |
| 356 | 777 | 778 | 779 |
| 357 | 780 | 781 | 782 |
| 358 | 783 | 784 | 785 |
| 359 | 786 | 787 | 788 |
| 360 | 789 | 790 | 791 |
| 361 | 792 | 793 | 794 |
| 362 | 795 | 796 | 797 |
| 363 | 798 | 799 | 800 |
| 364 | 801 | 802 | 803 |
| 365 | 804 | 805 | 806 |
| 366 | 807 | 808 | 809 |
| 367 | 810 | 811 | 812 |
| 368 | 813 | 814 | 815 |
| 369 | 816 | 817 | 818 |
| 370 | 819 | 820 | 821 |
| 371 | 822 | 823 | 824 |
| 372 | 825 | 826 | 827 |
| 373 | 828 | 829 | 830 |
| 374 | 831 | 832 | 833 |
| 375 | 834 | 835 | 836 |
| 376 | 837 | 838 | 839 |
| 377 | 840 | 841 | 842 |
| 378 | 843 | 844 | 845 |
| 379 | 846 | 847 | 848 |
| 380 | 849 | 850 | 851 |
| 381 | 852 | 853 | 854 |
| 382 | 855 | 856 | 857 |
| 383 | 858 | 859 | 860 |
| 384 | 861 | 862 | 863 |
| 385 | 864 | 865 | 866 |
| 386 | 867 | 868 | 869 |
| 387 | 870 | 871 | 872 |
| 388 | 873 | 874 | 875 |
| 389 | 876 | 877 | 878 |
| 390 | 879 | 880 | 881 |
| 391 | 882 | 883 | 884 |
| 392 | 885 | 886 | 887 |
| 393 | 888 | 889 | 890 |
| 394 | 891 | 892 | 893 |
| 395 | 894 | 895 | 896 |
| 396 | 897 | 898 | 899 |
| 397 | 900 | 901 | 902 |
| 398 | 903 | 904 | 905 |
| 399 | 906 | 907 | 908 |
| 400 | 909 | 910 | 911 |
| 401 | 912 | 913 | 914 |
| 402 | 915 | 916 | 917 |
| 403 | 918 | 919 | 920 |
| 404 | 921 | 922 | 923 |
| 405 | 924 | 925 | 926 |
| 406 | 927 | 928 | 929 |
| 407 | 930 | 931 | 932 |
| 408 | 933 | 934 | 935 |
| 409 | 936 | 937 | 938 |
| 410 | 939 | 940 | 941 |
| 411 | 942 | 943 | 944 |
| 412 | 945 | 946 | 947 |
| 413 | 948 | 949 | 950 |
| 414 | 951 | 952 | 953 |
| 415 | 954 | 955 | 956 |
| 416 | 957 | 958 | 959 |
| 417 | 960 | 961 | 962 |
| 418 | 963 | 964 | 965 |
| 419 | 966 | 967 | 968 |
| 420 | 969 | 970 | 971 |
| 421 | 972 | 973 | 974 |
| 422 | 975 | 976 | 977 |
| 423 | 978 | 979 | 980 |
| 424 | 981 | 982 | 983 |
| 425 | 984 | 985 | 986 |
| 426 | 987 | 988 | 989 |

| | | | |
|-----|------|------|------|
| 427 | 990 | 991 | 992 |
| 428 | 993 | 994 | 995 |
| 429 | 996 | 997 | 998 |
| 430 | 999 | 1000 | 1001 |
| 431 | 1002 | 1003 | 1004 |
| 432 | 1005 | 1006 | 1007 |
| 433 | 1008 | 1009 | 1010 |
| 434 | 1011 | 1012 | 1013 |
| 435 | 1014 | 1015 | 1016 |
| 436 | 1017 | 1018 | 1019 |
| 437 | 1020 | 1021 | 1022 |
| 438 | 1023 | 1024 | 1025 |
| 439 | 1026 | 1027 | 1028 |
| 440 | 1029 | 1030 | 1031 |
| 441 | 1032 | 1033 | 1034 |
| 442 | 1035 | 1036 | 1037 |
| 443 | 1038 | 1039 | 1040 |
| 444 | 1041 | 1042 | 1043 |
| 445 | 1044 | 1045 | 1046 |
| 446 | 1047 | 1048 | 1049 |
| 447 | 1050 | 1051 | 1052 |
| 448 | 1053 | 1054 | 1055 |
| 449 | 1056 | 1057 | 1058 |
| 450 | 1059 | 1060 | 1061 |
| 451 | 1062 | 1063 | 1064 |
| 452 | 1065 | 1066 | 1067 |
| 453 | 1068 | 1069 | 1070 |
| 454 | 1071 | 1072 | 1073 |
| 455 | 1074 | 1075 | 1076 |
| 456 | 1077 | 1078 | 1079 |
| 457 | 1080 | 1081 | 1082 |
| 458 | 1083 | 1084 | 1085 |
| 459 | 1086 | 1087 | 1088 |
| 460 | 1089 | 1090 | 1091 |
| 461 | 1092 | 1093 | 1094 |
| 462 | 1095 | 1096 | 1097 |
| 463 | 1098 | 1099 | 1100 |
| 464 | 1101 | 1102 | 1103 |
| 465 | 1104 | 1105 | 1106 |
| 466 | 1107 | 1108 | 1109 |
| 467 | 1110 | 1111 | 1112 |
| 468 | 1113 | 1114 | 1115 |
| 469 | 1116 | 1117 | 1118 |
| 470 | 1119 | 1120 | 1121 |
| 471 | 1122 | 1123 | 1124 |
| 472 | 1125 | 1126 | 1127 |
| 473 | 1128 | 1129 | 1130 |
| 474 | 1131 | 1132 | 1133 |
| 475 | 1134 | 1135 | 1136 |
| 476 | 1137 | 1138 | 1139 |
| 477 | 1140 | 1141 | 1142 |
| 478 | 1143 | 1144 | 1145 |
| 479 | 1146 | 1147 | 1148 |
| 480 | 669 | 612 | 1149 |
| 481 | 672 | 615 | 1150 |
| 482 | 675 | 618 | 1151 |
| 483 | 678 | 621 | 1152 |
| 484 | 681 | 624 | 1153 |
| 485 | 684 | 627 | 1154 |
| 486 | 687 | 630 | 1155 |
| 487 | 690 | 633 | 1156 |
| 488 | 693 | 636 | 1157 |
| 489 | 696 | 639 | 1158 |
| 490 | 699 | 642 | 1159 |
| 491 | 702 | 645 | 1160 |
| 492 | 705 | 648 | 1161 |
| 493 | 708 | 651 | 1162 |
| 494 | 666 | 609 | 1163 |
| 495 | 711 | 654 | 1164 |
| 496 | 714 | 657 | 1165 |
| 497 | 717 | 660 | 1166 |
| 498 | 726 | 727 | 1167 |
| 499 | 729 | 730 | 1168 |
| 500 | 732 | 733 | 1169 |
| 501 | 735 | 736 | 1170 |
| 502 | 738 | 739 | 1171 |
| 503 | 741 | 742 | 1172 |
| 504 | 744 | 745 | 1173 |
| 505 | 747 | 748 | 1174 |
| 506 | 750 | 751 | 1175 |
| 507 | 753 | 754 | 1176 |
| 508 | 756 | 757 | 1177 |
| 509 | 759 | 760 | 1178 |
| 510 | 762 | 763 | 1179 |
| 511 | 765 | 766 | 1180 |
| 512 | 768 | 769 | 1181 |
| 513 | 771 | 772 | 1182 |
| 514 | 774 | 775 | 1183 |
| 515 | 777 | 778 | 1184 |
| 516 | 780 | 781 | 1185 |
| 517 | 783 | 784 | 1186 |
| 518 | 786 | 787 | 1187 |
| 519 | 789 | 790 | 1188 |
| 520 | 792 | 793 | 1189 |
| 521 | 795 | 796 | 1190 |
| 522 | 798 | 799 | 1191 |
| 523 | 801 | 802 | 1192 |
| 524 | 804 | 805 | 1193 |
| 525 | 807 | 808 | 1194 |
| 526 | 810 | 811 | 1195 |
| 527 | 813 | 814 | 1196 |
| 528 | 816 | 817 | 1197 |
| 529 | 819 | 820 | 1198 |
| 530 | 822 | 823 | 1199 |
| 531 | 825 | 826 | 1200 |

| | | | |
|-----|------|------|------|
| 532 | 828 | 829 | 1201 |
| 533 | 831 | 832 | 1202 |
| 534 | 834 | 835 | 1203 |
| 535 | 837 | 838 | 1204 |
| 536 | 840 | 841 | 1205 |
| 537 | 843 | 844 | 1206 |
| 538 | 846 | 847 | 1207 |
| 539 | 849 | 850 | 1208 |
| 540 | 852 | 853 | 1209 |
| 541 | 855 | 856 | 1210 |
| 542 | 858 | 859 | 1211 |
| 543 | 861 | 862 | 1212 |
| 544 | 864 | 865 | 1213 |
| 545 | 867 | 868 | 1214 |
| 546 | 870 | 871 | 1215 |
| 547 | 873 | 874 | 1216 |
| 548 | 876 | 877 | 1217 |
| 549 | 879 | 880 | 1218 |
| 550 | 882 | 883 | 1219 |
| 551 | 885 | 886 | 1220 |
| 552 | 888 | 889 | 1221 |
| 553 | 891 | 892 | 1222 |
| 554 | 894 | 895 | 1223 |
| 555 | 897 | 898 | 1224 |
| 556 | 900 | 901 | 1225 |
| 557 | 903 | 904 | 1226 |
| 558 | 906 | 907 | 1227 |
| 559 | 909 | 910 | 1228 |
| 560 | 912 | 913 | 1229 |
| 561 | 915 | 916 | 1230 |
| 562 | 918 | 919 | 1231 |
| 563 | 921 | 922 | 1232 |
| 564 | 924 | 925 | 1233 |
| 565 | 927 | 928 | 1234 |
| 566 | 930 | 931 | 1235 |
| 567 | 933 | 934 | 1236 |
| 568 | 936 | 937 | 1237 |
| 569 | 939 | 940 | 1238 |
| 570 | 942 | 943 | 1239 |
| 571 | 945 | 946 | 1240 |
| 572 | 948 | 949 | 1241 |
| 573 | 951 | 952 | 1242 |
| 574 | 954 | 955 | 1243 |
| 575 | 957 | 958 | 1244 |
| 576 | 960 | 961 | 1245 |
| 577 | 963 | 964 | 1246 |
| 578 | 966 | 967 | 1247 |
| 579 | 969 | 970 | 1248 |
| 580 | 972 | 973 | 1249 |
| 581 | 975 | 976 | 1250 |
| 582 | 978 | 979 | 1251 |
| 583 | 981 | 982 | 1252 |
| 584 | 984 | 985 | 1253 |
| 585 | 987 | 988 | 1254 |
| 586 | 990 | 991 | 1255 |
| 587 | 993 | 994 | 1256 |
| 588 | 996 | 997 | 1257 |
| 589 | 999 | 1000 | 1258 |
| 590 | 1002 | 1003 | 1259 |
| 591 | 1005 | 1006 | 1260 |
| 592 | 1008 | 1009 | 1261 |
| 593 | 1011 | 1012 | 1262 |
| 594 | 1014 | 1015 | 1263 |
| 595 | 1017 | 1018 | 1264 |
| 596 | 1020 | 1021 | 1265 |
| 597 | 1023 | 1024 | 1266 |
| 598 | 1026 | 1027 | 1267 |
| 599 | 1029 | 1030 | 1268 |
| 600 | 1032 | 1033 | 1269 |
| 601 | 1035 | 1036 | 1270 |
| 602 | 1038 | 1039 | 1271 |
| 603 | 1041 | 1042 | 1272 |
| 604 | 1044 | 1045 | 1273 |
| 605 | 1047 | 1048 | 1274 |
| 606 | 1050 | 1051 | 1275 |
| 607 | 1053 | 1054 | 1276 |
| 608 | 1056 | 1057 | 1277 |
| 609 | 1059 | 1060 | 1278 |
| 610 | 1062 | 1063 | 1279 |
| 611 | 1065 | 1066 | 1280 |
| 612 | 1068 | 1069 | 1281 |
| 613 | 1071 | 1072 | 1282 |
| 614 | 1074 | 1075 | 1283 |
| 615 | 1077 | 1078 | 1284 |
| 616 | 1080 | 1081 | 1285 |
| 617 | 1083 | 1084 | 1286 |
| 618 | 1086 | 1087 | 1287 |
| 619 | 1089 | 1090 | 1288 |
| 620 | 1092 | 1093 | 1289 |
| 621 | 1095 | 1096 | 1290 |
| 622 | 1098 | 1099 | 1291 |
| 623 | 1101 | 1102 | 1292 |
| 624 | 1104 | 1105 | 1293 |
| 625 | 1107 | 1108 | 1294 |
| 626 | 1110 | 1111 | 1295 |
| 627 | 1113 | 1114 | 1296 |
| 628 | 1116 | 1117 | 1297 |
| 629 | 1119 | 1120 | 1298 |
| 630 | 1122 | 1123 | 1299 |
| 631 | 1125 | 1126 | 1300 |
| 632 | 1128 | 1129 | 1301 |
| 633 | 1131 | 1132 | 1302 |
| 634 | 1134 | 1135 | 1303 |
| 635 | 1137 | 1138 | 1304 |
| 636 | 1140 | 1141 | 1305 |

| | | | |
|-----|------|------|------|
| 637 | 1143 | 1144 | 1306 |
| 638 | 1146 | 1147 | 1307 |
| 639 | 669 | 612 | 1308 |
| 640 | 672 | 615 | 1309 |
| 641 | 675 | 618 | 1310 |
| 642 | 678 | 621 | 1311 |
| 643 | 681 | 624 | 1312 |
| 644 | 684 | 627 | 1313 |
| 645 | 687 | 630 | 1314 |
| 646 | 690 | 633 | 1315 |
| 647 | 693 | 636 | 1316 |
| 648 | 696 | 639 | 1317 |
| 649 | 699 | 642 | 1318 |
| 650 | 702 | 645 | 1319 |
| 651 | 705 | 648 | 1320 |
| 652 | 708 | 651 | 1321 |
| 653 | 609 | 1322 | 1323 |
| 654 | 654 | 1324 | 1325 |
| 655 | 657 | 1326 | 1327 |
| 656 | 727 | 1328 | 1329 |
| 657 | 730 | 1330 | 1331 |
| 658 | 733 | 1332 | 1333 |
| 659 | 736 | 1334 | 1335 |
| 660 | 739 | 1336 | 1337 |
| 661 | 742 | 1338 | 1339 |
| 662 | 745 | 1340 | 1341 |
| 663 | 748 | 1342 | 1343 |
| 664 | 751 | 1344 | 1345 |
| 665 | 754 | 1346 | 1347 |
| 666 | 757 | 1348 | 1349 |
| 667 | 760 | 1350 | 1351 |
| 668 | 763 | 1352 | 1353 |
| 669 | 766 | 1354 | 1355 |
| 670 | 769 | 1356 | 1357 |
| 671 | 772 | 1358 | 1359 |
| 672 | 775 | 1360 | 1361 |
| 673 | 778 | 1362 | 1363 |
| 674 | 799 | 1364 | 1365 |
| 675 | 802 | 1366 | 1367 |
| 676 | 805 | 1368 | 1369 |
| 677 | 808 | 1370 | 1371 |
| 678 | 811 | 1372 | 1373 |
| 679 | 814 | 1374 | 1375 |
| 680 | 817 | 1376 | 1377 |
| 681 | 820 | 1378 | 1379 |
| 682 | 823 | 1380 | 1381 |
| 683 | 826 | 1382 | 1383 |
| 684 | 829 | 1384 | 1385 |
| 685 | 832 | 1386 | 1387 |
| 686 | 835 | 1388 | 1389 |
| 687 | 838 | 1390 | 1391 |
| 688 | 841 | 1392 | 1393 |
| 689 | 844 | 1394 | 1395 |
| 690 | 847 | 1396 | 1397 |
| 691 | 850 | 1398 | 1399 |
| 692 | 853 | 1400 | 1401 |
| 693 | 856 | 1402 | 1403 |
| 694 | 859 | 1404 | 1405 |
| 695 | 862 | 1406 | 1407 |
| 696 | 865 | 1408 | 1409 |
| 697 | 868 | 1410 | 1411 |
| 698 | 871 | 1412 | 1413 |
| 699 | 874 | 1414 | 1415 |
| 700 | 877 | 1416 | 1417 |
| 701 | 880 | 1418 | 1419 |
| 702 | 883 | 1420 | 1421 |
| 703 | 886 | 1422 | 1423 |
| 704 | 889 | 1424 | 1425 |
| 705 | 892 | 1426 | 1427 |
| 706 | 895 | 1428 | 1429 |
| 707 | 898 | 1430 | 1431 |
| 708 | 901 | 1432 | 1433 |
| 709 | 904 | 1434 | 1435 |
| 710 | 907 | 1436 | 1437 |
| 711 | 910 | 1438 | 1439 |
| 712 | 913 | 1440 | 1441 |
| 713 | 916 | 1442 | 1443 |
| 714 | 919 | 1444 | 1445 |
| 715 | 922 | 1446 | 1447 |
| 716 | 925 | 1448 | 1449 |
| 717 | 928 | 1450 | 1451 |
| 718 | 931 | 1452 | 1453 |
| 719 | 934 | 1454 | 1455 |
| 720 | 937 | 1456 | 1457 |
| 721 | 940 | 1458 | 1459 |
| 722 | 943 | 1460 | 1461 |
| 723 | 946 | 1462 | 1463 |
| 724 | 949 | 1464 | 1465 |
| 725 | 952 | 1466 | 1467 |
| 726 | 955 | 1468 | 1469 |
| 727 | 958 | 1470 | 1471 |
| 728 | 961 | 1472 | 1473 |
| 729 | 964 | 1474 | 1475 |
| 730 | 967 | 1476 | 1477 |
| 731 | 970 | 1478 | 1479 |
| 732 | 973 | 1480 | 1481 |
| 733 | 976 | 1482 | 1483 |
| 734 | 979 | 1484 | 1485 |
| 735 | 982 | 1486 | 1487 |
| 736 | 985 | 1488 | 1489 |
| 737 | 988 | 1490 | 1491 |
| 738 | 991 | 1492 | 1493 |
| 739 | 994 | 1494 | 1495 |
| 740 | 997 | 1496 | 1497 |
| 741 | 1000 | 1498 | 1499 |

| | | | |
|-----|------|------|------|
| 742 | 1003 | 1500 | 1501 |
| 743 | 1006 | 1502 | 1503 |
| 744 | 1009 | 1504 | 1505 |
| 745 | 1012 | 1506 | 1507 |
| 746 | 1015 | 1508 | 1509 |
| 747 | 1018 | 1510 | 1511 |
| 748 | 1021 | 1512 | 1513 |
| 749 | 1024 | 1514 | 1515 |
| 750 | 1027 | 1516 | 1517 |
| 751 | 1030 | 1518 | 1519 |
| 752 | 1033 | 1520 | 1521 |
| 753 | 1036 | 1522 | 1523 |
| 754 | 1039 | 1524 | 1525 |
| 755 | 1042 | 1526 | 1527 |
| 756 | 1045 | 1528 | 1529 |
| 757 | 1048 | 1530 | 1531 |
| 758 | 1051 | 1532 | 1533 |
| 759 | 1054 | 1534 | 1535 |
| 760 | 1057 | 1536 | 1537 |
| 761 | 1060 | 1538 | 1539 |
| 762 | 1063 | 1540 | 1541 |
| 763 | 1066 | 1542 | 1543 |
| 764 | 1069 | 1544 | 1545 |
| 765 | 1072 | 1546 | 1547 |
| 766 | 1075 | 1548 | 1549 |
| 767 | 1078 | 1550 | 1551 |
| 768 | 1081 | 1552 | 1553 |
| 769 | 1084 | 1554 | 1555 |
| 770 | 1087 | 1556 | 1557 |
| 771 | 1090 | 1558 | 1559 |
| 772 | 1093 | 1560 | 1561 |
| 773 | 1096 | 1562 | 1563 |
| 774 | 1099 | 1564 | 1565 |
| 775 | 1102 | 1566 | 1567 |
| 776 | 1105 | 1568 | 1569 |
| 777 | 1108 | 1570 | 1571 |
| 778 | 1111 | 1572 | 1573 |
| 779 | 1114 | 1574 | 1575 |
| 780 | 1117 | 1576 | 1577 |
| 781 | 1120 | 1578 | 1579 |
| 782 | 1123 | 1580 | 1581 |
| 783 | 1126 | 1582 | 1583 |
| 784 | 1129 | 1584 | 1585 |
| 785 | 1132 | 1586 | 1587 |
| 786 | 1135 | 1588 | 1589 |
| 787 | 1138 | 1590 | 1591 |
| 788 | 1141 | 1592 | 1593 |
| 789 | 1144 | 1594 | 1595 |
| 790 | 1147 | 1596 | 1597 |
| 791 | 612 | 1598 | 1599 |
| 792 | 615 | 1600 | 1601 |
| 793 | 618 | 1602 | 1603 |
| 794 | 621 | 1604 | 1605 |
| 795 | 624 | 1606 | 1607 |
| 796 | 627 | 1608 | 1609 |
| 797 | 630 | 1610 | 1611 |
| 798 | 633 | 1612 | 1613 |
| 799 | 636 | 1614 | 1615 |
| 800 | 639 | 1616 | 1617 |
| 801 | 642 | 1618 | 1619 |
| 802 | 645 | 1620 | 1621 |
| 803 | 648 | 1622 | 1623 |
| 804 | 651 | 1624 | 1625 |
| 805 | 1626 | 1627 | 1628 |
| 806 | 1629 | 1630 | 1631 |
| 807 | 1632 | 1633 | 1634 |
| 808 | 1635 | 1636 | 1637 |
| 809 | 666 | 1638 | 1639 |
| 810 | 711 | 1640 | 1641 |
| 811 | 714 | 1642 | 1643 |
| 812 | 726 | 1644 | 1645 |
| 813 | 729 | 1646 | 1647 |
| 814 | 732 | 1648 | 1649 |
| 815 | 735 | 1650 | 1651 |
| 816 | 738 | 1652 | 1653 |
| 817 | 741 | 1654 | 1655 |
| 818 | 744 | 1656 | 1657 |
| 819 | 747 | 1658 | 1659 |
| 820 | 750 | 1660 | 1661 |
| 821 | 753 | 1662 | 1663 |
| 822 | 756 | 1664 | 1665 |
| 823 | 759 | 1666 | 1667 |
| 824 | 762 | 1668 | 1669 |
| 825 | 765 | 1670 | 1671 |
| 826 | 768 | 1672 | 1673 |
| 827 | 771 | 1674 | 1675 |
| 828 | 774 | 1676 | 1677 |
| 829 | 777 | 1678 | 1679 |
| 830 | 798 | 1680 | 1681 |
| 831 | 801 | 1682 | 1683 |
| 832 | 804 | 1684 | 1685 |
| 833 | 807 | 1686 | 1687 |
| 834 | 810 | 1688 | 1689 |
| 835 | 813 | 1690 | 1691 |
| 836 | 816 | 1692 | 1693 |
| 837 | 819 | 1694 | 1695 |
| 838 | 822 | 1696 | 1697 |
| 839 | 825 | 1698 | 1699 |
| 840 | 828 | 1700 | 1701 |
| 841 | 831 | 1702 | 1703 |
| 842 | 834 | 1704 | 1705 |
| 843 | 837 | 1706 | 1707 |
| 844 | 840 | 1708 | 1709 |
| 845 | 843 | 1710 | 1711 |
| 846 | 846 | 1712 | 1713 |

| | | | |
|-----|------|------|------|
| 847 | 849 | 1714 | 1715 |
| 848 | 852 | 1716 | 1717 |
| 849 | 855 | 1718 | 1719 |
| 850 | 858 | 1720 | 1721 |
| 851 | 861 | 1722 | 1723 |
| 852 | 864 | 1724 | 1725 |
| 853 | 867 | 1726 | 1727 |
| 854 | 870 | 1728 | 1729 |
| 855 | 873 | 1730 | 1731 |
| 856 | 876 | 1732 | 1733 |
| 857 | 879 | 1734 | 1735 |
| 858 | 882 | 1736 | 1737 |
| 859 | 885 | 1738 | 1739 |
| 860 | 888 | 1740 | 1741 |
| 861 | 891 | 1742 | 1743 |
| 862 | 894 | 1744 | 1745 |
| 863 | 897 | 1746 | 1747 |
| 864 | 900 | 1748 | 1749 |
| 865 | 903 | 1750 | 1751 |
| 866 | 906 | 1752 | 1753 |
| 867 | 909 | 1754 | 1755 |
| 868 | 912 | 1756 | 1757 |
| 869 | 915 | 1758 | 1759 |
| 870 | 918 | 1760 | 1761 |
| 871 | 921 | 1762 | 1763 |
| 872 | 924 | 1764 | 1765 |
| 873 | 927 | 1766 | 1767 |
| 874 | 930 | 1768 | 1769 |
| 875 | 933 | 1770 | 1771 |
| 876 | 936 | 1772 | 1773 |
| 877 | 939 | 1774 | 1775 |
| 878 | 942 | 1776 | 1777 |
| 879 | 945 | 1778 | 1779 |
| 880 | 948 | 1780 | 1781 |
| 881 | 951 | 1782 | 1783 |
| 882 | 954 | 1784 | 1785 |
| 883 | 957 | 1786 | 1787 |
| 884 | 960 | 1788 | 1789 |
| 885 | 963 | 1790 | 1791 |
| 886 | 966 | 1792 | 1793 |
| 887 | 969 | 1794 | 1795 |
| 888 | 972 | 1796 | 1797 |
| 889 | 975 | 1798 | 1799 |
| 890 | 978 | 1800 | 1801 |
| 891 | 981 | 1802 | 1803 |
| 892 | 984 | 1804 | 1805 |
| 893 | 987 | 1806 | 1807 |
| 894 | 990 | 1808 | 1809 |
| 895 | 993 | 1810 | 1811 |
| 896 | 996 | 1812 | 1813 |
| 897 | 999 | 1814 | 1815 |
| 898 | 1002 | 1816 | 1817 |
| 899 | 1005 | 1818 | 1819 |
| 900 | 1008 | 1820 | 1821 |
| 901 | 1011 | 1822 | 1823 |
| 902 | 1014 | 1824 | 1825 |
| 903 | 1017 | 1826 | 1827 |
| 904 | 1020 | 1828 | 1829 |
| 905 | 1023 | 1830 | 1831 |
| 906 | 1026 | 1832 | 1833 |
| 907 | 1029 | 1834 | 1835 |
| 908 | 1032 | 1836 | 1837 |
| 909 | 1035 | 1838 | 1839 |
| 910 | 1038 | 1840 | 1841 |
| 911 | 1041 | 1842 | 1843 |
| 912 | 1044 | 1844 | 1845 |
| 913 | 1047 | 1846 | 1847 |
| 914 | 1050 | 1848 | 1849 |
| 915 | 1053 | 1850 | 1851 |
| 916 | 1056 | 1852 | 1853 |
| 917 | 1059 | 1854 | 1855 |
| 918 | 1062 | 1856 | 1857 |
| 919 | 1065 | 1858 | 1859 |
| 920 | 1068 | 1860 | 1861 |
| 921 | 1071 | 1862 | 1863 |
| 922 | 1074 | 1864 | 1865 |
| 923 | 1077 | 1866 | 1867 |
| 924 | 1080 | 1868 | 1869 |
| 925 | 1083 | 1870 | 1871 |
| 926 | 1086 | 1872 | 1873 |
| 927 | 1089 | 1874 | 1875 |
| 928 | 1092 | 1876 | 1877 |
| 929 | 1095 | 1878 | 1879 |
| 930 | 1098 | 1880 | 1881 |
| 931 | 1101 | 1882 | 1883 |
| 932 | 1104 | 1884 | 1885 |
| 933 | 1107 | 1886 | 1887 |
| 934 | 1110 | 1888 | 1889 |
| 935 | 1113 | 1890 | 1891 |
| 936 | 1116 | 1892 | 1893 |
| 937 | 1119 | 1894 | 1895 |
| 938 | 1122 | 1896 | 1897 |
| 939 | 1125 | 1898 | 1899 |
| 940 | 1128 | 1900 | 1901 |
| 941 | 1131 | 1902 | 1903 |
| 942 | 1134 | 1904 | 1905 |
| 943 | 1137 | 1906 | 1907 |
| 944 | 1140 | 1908 | 1909 |
| 945 | 1143 | 1910 | 1911 |
| 946 | 1146 | 1912 | 1913 |
| 947 | 669 | 1914 | 1915 |
| 948 | 672 | 1916 | 1917 |
| 949 | 675 | 1918 | 1919 |
| 950 | 678 | 1920 | 1921 |
| 951 | 681 | 1922 | 1923 |

| | | | |
|------|------|------|------|
| 952 | 684 | 1924 | 1925 |
| 953 | 687 | 1926 | 1927 |
| 954 | 690 | 1928 | 1929 |
| 955 | 693 | 1930 | 1931 |
| 956 | 696 | 1932 | 1933 |
| 957 | 699 | 1934 | 1935 |
| 958 | 702 | 1936 | 1937 |
| 959 | 705 | 1938 | 1939 |
| 960 | 708 | 1940 | 1941 |
| 961 | 1942 | 1943 | 1944 |
| 962 | 1945 | 1946 | 1947 |
| 963 | 1948 | 1949 | 1950 |
| 964 | 1951 | 1952 | 1953 |
| 965 | 717 | 1954 | 1955 |
| 966 | 780 | 1956 | 1957 |
| 967 | 783 | 1958 | 1959 |
| 968 | 724 | 663 | 1960 |
| 969 | 786 | 1961 | 1962 |
| 970 | 789 | 1963 | 1964 |
| 971 | 792 | 1965 | 1966 |
| 972 | 795 | 1967 | 1968 |
| 973 | 724 | 1969 | 1970 |
| 974 | 660 | 1971 | 1972 |
| 975 | 781 | 1973 | 1974 |
| 976 | 784 | 1975 | 1976 |
| 977 | 787 | 1977 | 1978 |
| 978 | 790 | 1979 | 1980 |
| 979 | 793 | 1981 | 1982 |
| 980 | 796 | 1983 | 1984 |
| 981 | 663 | 1985 | 1986 |
| 982 | 1987 | 796 | 1988 |
| 983 | 796 | 663 | 1989 |
| 984 | 1990 | 790 | 1991 |
| 985 | 793 | 1987 | 1992 |
| 986 | 790 | 793 | 1993 |
| 987 | 1994 | 784 | 1995 |
| 988 | 787 | 1990 | 1996 |
| 989 | 784 | 787 | 1997 |
| 990 | 660 | 781 | 1998 |
| 991 | 781 | 1994 | 1999 |
| 992 | 2000 | 1147 | 2001 |
| 993 | 1147 | 660 | 2002 |
| 994 | 2003 | 1141 | 2004 |
| 995 | 1144 | 2000 | 2005 |
| 996 | 1141 | 1144 | 2006 |
| 997 | 2007 | 1132 | 2008 |
| 998 | 1138 | 2003 | 2009 |
| 999 | 1135 | 1138 | 2010 |
| 1000 | 1132 | 1135 | 2011 |
| 1001 | 2012 | 1126 | 2013 |
| 1002 | 1129 | 2007 | 2014 |
| 1003 | 1126 | 1129 | 2015 |
| 1004 | 657 | 1123 | 2016 |
| 1005 | 1123 | 2012 | 2017 |
| 1006 | 2018 | 1120 | 2019 |
| 1007 | 1120 | 657 | 2020 |
| 1008 | 2021 | 1114 | 2022 |
| 1009 | 1117 | 2018 | 2023 |
| 1010 | 1114 | 1117 | 2024 |
| 1011 | 2025 | 1105 | 2026 |
| 1012 | 1111 | 2021 | 2027 |
| 1013 | 1108 | 1111 | 2028 |
| 1014 | 1105 | 1108 | 2029 |
| 1015 | 2030 | 1099 | 2031 |
| 1016 | 1102 | 2025 | 2032 |
| 1017 | 1099 | 1102 | 2033 |
| 1018 | 654 | 1096 | 2034 |
| 1019 | 1096 | 2030 | 2035 |
| 1020 | 2036 | 1093 | 2037 |
| 1021 | 1093 | 654 | 2038 |
| 1022 | 2039 | 1087 | 2040 |
| 1023 | 1090 | 2036 | 2041 |
| 1024 | 1087 | 1090 | 2042 |
| 1025 | 2043 | 1078 | 2044 |
| 1026 | 1084 | 2039 | 2045 |
| 1027 | 1081 | 1084 | 2046 |
| 1028 | 1078 | 1081 | 2047 |
| 1029 | 2048 | 1072 | 2049 |
| 1030 | 1075 | 2043 | 2050 |
| 1031 | 1072 | 1075 | 2051 |
| 1032 | 651 | 1069 | 2052 |
| 1033 | 1069 | 2048 | 2053 |
| 1034 | 2054 | 1066 | 2055 |
| 1035 | 1066 | 651 | 2056 |
| 1036 | 2057 | 1060 | 2058 |
| 1037 | 1063 | 2054 | 2059 |
| 1038 | 1060 | 1063 | 2060 |
| 1039 | 2061 | 1051 | 2062 |
| 1040 | 1057 | 2057 | 2063 |
| 1041 | 1054 | 1057 | 2064 |
| 1042 | 1051 | 1054 | 2065 |
| 1043 | 2066 | 1045 | 2067 |
| 1044 | 1048 | 2061 | 2068 |
| 1045 | 1045 | 1048 | 2069 |
| 1046 | 648 | 1042 | 2070 |
| 1047 | 1042 | 2066 | 2071 |
| 1048 | 2072 | 1039 | 2073 |
| 1049 | 1039 | 648 | 2074 |
| 1050 | 2075 | 1033 | 2076 |
| 1051 | 1036 | 2072 | 2077 |
| 1052 | 1033 | 1036 | 2078 |
| 1053 | 2079 | 1024 | 2080 |
| 1054 | 1030 | 2075 | 2081 |
| 1055 | 1027 | 1030 | 2082 |
| 1056 | 1024 | 1027 | 2083 |

| | | | |
|------|------|------|------|
| 1057 | 2084 | 1018 | 2085 |
| 1058 | 1021 | 2079 | 2086 |
| 1059 | 1018 | 1021 | 2087 |
| 1060 | 645 | 1015 | 2088 |
| 1061 | 1015 | 2084 | 2089 |
| 1062 | 2090 | 1012 | 2091 |
| 1063 | 1012 | 645 | 2092 |
| 1064 | 2093 | 1006 | 2094 |
| 1065 | 1009 | 2090 | 2095 |
| 1066 | 1006 | 1009 | 2096 |
| 1067 | 2097 | 997 | 2098 |
| 1068 | 1003 | 2093 | 2099 |
| 1069 | 1000 | 1003 | 2100 |
| 1070 | 997 | 1000 | 2101 |
| 1071 | 2102 | 991 | 2103 |
| 1072 | 994 | 2097 | 2104 |
| 1073 | 991 | 994 | 2105 |
| 1074 | 642 | 988 | 2106 |
| 1075 | 988 | 2102 | 2107 |
| 1076 | 2108 | 985 | 2109 |
| 1077 | 985 | 642 | 2110 |
| 1078 | 2111 | 979 | 2112 |
| 1079 | 982 | 2108 | 2113 |
| 1080 | 979 | 982 | 2114 |
| 1081 | 2115 | 970 | 2116 |
| 1082 | 976 | 2111 | 2117 |
| 1083 | 973 | 976 | 2118 |
| 1084 | 970 | 973 | 2119 |
| 1085 | 2120 | 964 | 2121 |
| 1086 | 967 | 2115 | 2122 |
| 1087 | 964 | 967 | 2123 |
| 1088 | 639 | 961 | 2124 |
| 1089 | 961 | 2120 | 2125 |
| 1090 | 2126 | 778 | 2127 |
| 1091 | 778 | 639 | 2128 |
| 1092 | 2129 | 772 | 2130 |
| 1093 | 775 | 2126 | 2131 |
| 1094 | 772 | 775 | 2132 |
| 1095 | 2133 | 766 | 2134 |
| 1096 | 769 | 2129 | 2135 |
| 1097 | 766 | 769 | 2136 |
| 1098 | 636 | 763 | 2137 |
| 1099 | 763 | 2133 | 2138 |
| 1100 | 2139 | 760 | 2140 |
| 1101 | 760 | 633 | 2141 |
| 1102 | 2142 | 754 | 2143 |
| 1103 | 757 | 2139 | 2144 |
| 1104 | 754 | 757 | 2145 |
| 1105 | 2146 | 748 | 2147 |
| 1106 | 751 | 2142 | 2148 |
| 1107 | 748 | 751 | 2149 |
| 1108 | 630 | 745 | 2150 |
| 1109 | 745 | 2146 | 2151 |
| 1110 | 2152 | 958 | 2153 |
| 1111 | 958 | 630 | 2154 |
| 1112 | 2155 | 952 | 2156 |
| 1113 | 955 | 2152 | 2157 |
| 1114 | 952 | 955 | 2158 |
| 1115 | 2159 | 943 | 2160 |
| 1116 | 949 | 2155 | 2161 |
| 1117 | 946 | 949 | 2162 |
| 1118 | 943 | 946 | 2163 |
| 1119 | 2164 | 937 | 2165 |
| 1120 | 940 | 2159 | 2166 |
| 1121 | 937 | 940 | 2167 |
| 1122 | 627 | 934 | 2168 |
| 1123 | 934 | 2164 | 2169 |
| 1124 | 2170 | 931 | 2171 |
| 1125 | 931 | 627 | 2172 |
| 1126 | 2173 | 925 | 2174 |
| 1127 | 928 | 2170 | 2175 |
| 1128 | 925 | 928 | 2176 |
| 1129 | 2177 | 916 | 2178 |
| 1130 | 922 | 2173 | 2179 |
| 1131 | 919 | 922 | 2180 |
| 1132 | 916 | 919 | 2181 |
| 1133 | 2182 | 910 | 2183 |
| 1134 | 913 | 2177 | 2184 |
| 1135 | 910 | 913 | 2185 |
| 1136 | 624 | 907 | 2186 |
| 1137 | 907 | 2182 | 2187 |
| 1138 | 2188 | 904 | 2189 |
| 1139 | 904 | 624 | 2190 |
| 1140 | 2191 | 898 | 2192 |
| 1141 | 901 | 2188 | 2193 |
| 1142 | 898 | 901 | 2194 |
| 1143 | 2195 | 889 | 2196 |
| 1144 | 895 | 2191 | 2197 |
| 1145 | 892 | 895 | 2198 |
| 1146 | 889 | 892 | 2199 |
| 1147 | 2200 | 883 | 2201 |
| 1148 | 886 | 2195 | 2202 |
| 1149 | 883 | 886 | 2203 |
| 1150 | 621 | 880 | 2204 |
| 1151 | 880 | 2200 | 2205 |
| 1152 | 2206 | 877 | 2207 |
| 1153 | 877 | 621 | 2208 |
| 1154 | 2209 | 871 | 2210 |
| 1155 | 874 | 2206 | 2211 |
| 1156 | 871 | 874 | 2212 |
| 1157 | 2213 | 862 | 2214 |
| 1158 | 868 | 2209 | 2215 |
| 1159 | 865 | 868 | 2216 |
| 1160 | 862 | 865 | 2217 |
| 1161 | 2218 | 856 | 2219 |

| | | | |
|------|------|------|------|
| 1162 | 859 | 2213 | 2220 |
| 1163 | 856 | 859 | 2221 |
| 1164 | 618 | 853 | 2222 |
| 1165 | 853 | 2218 | 2223 |
| 1166 | 2224 | 850 | 2225 |
| 1167 | 850 | 618 | 2226 |
| 1168 | 2227 | 844 | 2228 |
| 1169 | 847 | 2224 | 2229 |
| 1170 | 844 | 847 | 2230 |
| 1171 | 2231 | 835 | 2232 |
| 1172 | 841 | 2227 | 2233 |
| 1173 | 838 | 841 | 2234 |
| 1174 | 835 | 838 | 2235 |
| 1175 | 2236 | 829 | 2237 |
| 1176 | 832 | 2231 | 2238 |
| 1177 | 829 | 832 | 2239 |
| 1178 | 615 | 826 | 2240 |
| 1179 | 826 | 2236 | 2241 |
| 1180 | 2242 | 823 | 2243 |
| 1181 | 823 | 615 | 2244 |
| 1182 | 2245 | 817 | 2246 |
| 1183 | 820 | 2242 | 2247 |
| 1184 | 817 | 820 | 2248 |
| 1185 | 2249 | 808 | 2250 |
| 1186 | 814 | 2245 | 2251 |
| 1187 | 811 | 814 | 2252 |
| 1188 | 808 | 811 | 2253 |
| 1189 | 2254 | 802 | 2255 |
| 1190 | 805 | 2249 | 2256 |
| 1191 | 802 | 805 | 2257 |
| 1192 | 612 | 799 | 2258 |
| 1193 | 799 | 2254 | 2259 |
| 1194 | 2260 | 742 | 2261 |
| 1195 | 742 | 612 | 2262 |
| 1196 | 2263 | 736 | 2264 |
| 1197 | 739 | 2260 | 2265 |
| 1198 | 736 | 739 | 2266 |
| 1199 | 2267 | 730 | 2268 |
| 1200 | 733 | 2263 | 2269 |
| 1201 | 730 | 733 | 2270 |
| 1202 | 609 | 727 | 2271 |
| 1203 | 727 | 2267 | 2272 |
| 1204 | 1632 | 609 | 2273 |
| 1205 | 633 | 1626 | 2274 |
| 1206 | 1629 | 636 | 2275 |
| 1207 | 663 | 1635 | 2276 |
| 1208 | 2277 | 795 | 2278 |
| 1209 | 795 | 724 | 2279 |
| 1210 | 2280 | 789 | 2281 |
| 1211 | 792 | 2277 | 2282 |
| 1212 | 789 | 792 | 2283 |
| 1213 | 2284 | 783 | 2285 |
| 1214 | 786 | 2280 | 2286 |
| 1215 | 783 | 786 | 2287 |
| 1216 | 717 | 780 | 2288 |
| 1217 | 780 | 2284 | 2289 |
| 1218 | 2290 | 1146 | 2291 |
| 1219 | 1146 | 717 | 2292 |
| 1220 | 2293 | 1140 | 2294 |
| 1221 | 1143 | 2290 | 2295 |
| 1222 | 1140 | 1143 | 2296 |
| 1223 | 2297 | 1131 | 2298 |
| 1224 | 1137 | 2293 | 2299 |
| 1225 | 1134 | 1137 | 2300 |
| 1226 | 1131 | 1134 | 2301 |
| 1227 | 2302 | 1125 | 2303 |
| 1228 | 1128 | 2297 | 2304 |
| 1229 | 1125 | 1128 | 2305 |
| 1230 | 714 | 1122 | 2306 |
| 1231 | 1122 | 2302 | 2307 |
| 1232 | 2308 | 1119 | 2309 |
| 1233 | 1119 | 714 | 2310 |
| 1234 | 2311 | 1113 | 2312 |
| 1235 | 1116 | 2308 | 2313 |
| 1236 | 1113 | 1116 | 2314 |
| 1237 | 2315 | 1104 | 2316 |
| 1238 | 1110 | 2311 | 2317 |
| 1239 | 1107 | 1110 | 2318 |
| 1240 | 1104 | 1107 | 2319 |
| 1241 | 2320 | 1098 | 2321 |
| 1242 | 1101 | 2315 | 2322 |
| 1243 | 1098 | 1101 | 2323 |
| 1244 | 711 | 1095 | 2324 |
| 1245 | 1095 | 2320 | 2325 |
| 1246 | 2326 | 1092 | 2327 |
| 1247 | 1092 | 711 | 2328 |
| 1248 | 2329 | 1086 | 2330 |
| 1249 | 1089 | 2326 | 2331 |
| 1250 | 1086 | 1089 | 2332 |
| 1251 | 2333 | 1077 | 2334 |
| 1252 | 1083 | 2329 | 2335 |
| 1253 | 1080 | 1083 | 2336 |
| 1254 | 1077 | 1080 | 2337 |
| 1255 | 2338 | 1071 | 2339 |
| 1256 | 1074 | 2333 | 2340 |
| 1257 | 1071 | 1074 | 2341 |
| 1258 | 708 | 1068 | 2342 |
| 1259 | 1068 | 2338 | 2343 |
| 1260 | 2344 | 1065 | 2345 |
| 1261 | 1065 | 708 | 2346 |
| 1262 | 2347 | 1059 | 2348 |
| 1263 | 1062 | 2344 | 2349 |
| 1264 | 1059 | 1062 | 2350 |
| 1265 | 2351 | 1050 | 2352 |
| 1266 | 1056 | 2347 | 2353 |

| | | | |
|------|------|------|------|
| 1267 | 1053 | 1056 | 2354 |
| 1268 | 1050 | 1053 | 2355 |
| 1269 | 2356 | 1044 | 2357 |
| 1270 | 1047 | 2351 | 2358 |
| 1271 | 1044 | 1047 | 2359 |
| 1272 | 705 | 1041 | 2360 |
| 1273 | 1041 | 2356 | 2361 |
| 1274 | 2362 | 1038 | 2363 |
| 1275 | 1038 | 705 | 2364 |
| 1276 | 2365 | 1032 | 2366 |
| 1277 | 1035 | 2362 | 2367 |
| 1278 | 1032 | 1035 | 2368 |
| 1279 | 2369 | 1023 | 2370 |
| 1280 | 1029 | 2365 | 2371 |
| 1281 | 1026 | 1029 | 2372 |
| 1282 | 1023 | 1026 | 2373 |
| 1283 | 2374 | 1017 | 2375 |
| 1284 | 1020 | 2369 | 2376 |
| 1285 | 1017 | 1020 | 2377 |
| 1286 | 702 | 1014 | 2378 |
| 1287 | 1014 | 2374 | 2379 |
| 1288 | 2380 | 1011 | 2381 |
| 1289 | 1011 | 702 | 2382 |
| 1290 | 2383 | 1005 | 2384 |
| 1291 | 1008 | 2380 | 2385 |
| 1292 | 1005 | 1008 | 2386 |
| 1293 | 2387 | 996 | 2388 |
| 1294 | 1002 | 2383 | 2389 |
| 1295 | 999 | 1002 | 2390 |
| 1296 | 996 | 999 | 2391 |
| 1297 | 2392 | 990 | 2393 |
| 1298 | 993 | 2387 | 2394 |
| 1299 | 990 | 993 | 2395 |
| 1300 | 699 | 987 | 2396 |
| 1301 | 987 | 2392 | 2397 |
| 1302 | 2398 | 984 | 2399 |
| 1303 | 984 | 699 | 2400 |
| 1304 | 2401 | 978 | 2402 |
| 1305 | 981 | 2398 | 2403 |
| 1306 | 978 | 981 | 2404 |
| 1307 | 2405 | 969 | 2406 |
| 1308 | 975 | 2401 | 2407 |
| 1309 | 972 | 975 | 2408 |
| 1310 | 969 | 972 | 2409 |
| 1311 | 2410 | 963 | 2411 |
| 1312 | 966 | 2405 | 2412 |
| 1313 | 963 | 966 | 2413 |
| 1314 | 696 | 960 | 2414 |
| 1315 | 960 | 2410 | 2415 |
| 1316 | 2416 | 777 | 2417 |
| 1317 | 777 | 696 | 2418 |
| 1318 | 2419 | 771 | 2420 |
| 1319 | 774 | 2416 | 2421 |
| 1320 | 771 | 774 | 2422 |
| 1321 | 2423 | 765 | 2424 |
| 1322 | 768 | 2419 | 2425 |
| 1323 | 765 | 768 | 2426 |
| 1324 | 693 | 762 | 2427 |
| 1325 | 762 | 2423 | 2428 |
| 1326 | 2429 | 759 | 2430 |
| 1327 | 759 | 690 | 2431 |
| 1328 | 2432 | 753 | 2433 |
| 1329 | 756 | 2429 | 2434 |
| 1330 | 753 | 756 | 2435 |
| 1331 | 2436 | 747 | 2437 |
| 1332 | 750 | 2432 | 2438 |
| 1333 | 747 | 750 | 2439 |
| 1334 | 687 | 744 | 2440 |
| 1335 | 744 | 2436 | 2441 |
| 1336 | 2442 | 957 | 2443 |
| 1337 | 957 | 687 | 2444 |
| 1338 | 2445 | 951 | 2446 |
| 1339 | 954 | 2442 | 2447 |
| 1340 | 951 | 954 | 2448 |
| 1341 | 2449 | 942 | 2450 |
| 1342 | 948 | 2445 | 2451 |
| 1343 | 945 | 948 | 2452 |
| 1344 | 942 | 945 | 2453 |
| 1345 | 2454 | 936 | 2455 |
| 1346 | 939 | 2449 | 2456 |
| 1347 | 936 | 939 | 2457 |
| 1348 | 684 | 933 | 2458 |
| 1349 | 933 | 2454 | 2459 |
| 1350 | 2460 | 930 | 2461 |
| 1351 | 930 | 684 | 2462 |
| 1352 | 2463 | 924 | 2464 |
| 1353 | 927 | 2460 | 2465 |
| 1354 | 924 | 927 | 2466 |
| 1355 | 2467 | 915 | 2468 |
| 1356 | 921 | 2463 | 2469 |
| 1357 | 918 | 921 | 2470 |
| 1358 | 915 | 918 | 2471 |
| 1359 | 2472 | 909 | 2473 |
| 1360 | 912 | 2467 | 2474 |
| 1361 | 909 | 912 | 2475 |
| 1362 | 681 | 906 | 2476 |
| 1363 | 906 | 2472 | 2477 |
| 1364 | 2478 | 903 | 2479 |
| 1365 | 903 | 681 | 2480 |
| 1366 | 2481 | 897 | 2482 |
| 1367 | 900 | 2478 | 2483 |
| 1368 | 897 | 900 | 2484 |
| 1369 | 2485 | 888 | 2486 |
| 1370 | 894 | 2481 | 2487 |
| 1371 | 891 | 894 | 2488 |

| | | | |
|------|------|------|------|
| 1372 | 888 | 891 | 2489 |
| 1373 | 2490 | 882 | 2491 |
| 1374 | 885 | 2485 | 2492 |
| 1375 | 882 | 885 | 2493 |
| 1376 | 678 | 879 | 2494 |
| 1377 | 879 | 2490 | 2495 |
| 1378 | 2496 | 876 | 2497 |
| 1379 | 876 | 678 | 2498 |
| 1380 | 2499 | 870 | 2500 |
| 1381 | 873 | 2496 | 2501 |
| 1382 | 870 | 873 | 2502 |
| 1383 | 2503 | 861 | 2504 |
| 1384 | 867 | 2499 | 2505 |
| 1385 | 864 | 867 | 2506 |
| 1386 | 861 | 864 | 2507 |
| 1387 | 2508 | 855 | 2509 |
| 1388 | 858 | 2503 | 2510 |
| 1389 | 855 | 858 | 2511 |
| 1390 | 675 | 852 | 2512 |
| 1391 | 852 | 2508 | 2513 |
| 1392 | 2514 | 849 | 2515 |
| 1393 | 849 | 675 | 2516 |
| 1394 | 2517 | 843 | 2518 |
| 1395 | 846 | 2514 | 2519 |
| 1396 | 843 | 846 | 2520 |
| 1397 | 2521 | 834 | 2522 |
| 1398 | 840 | 2517 | 2523 |
| 1399 | 837 | 840 | 2524 |
| 1400 | 834 | 837 | 2525 |
| 1401 | 2526 | 828 | 2527 |
| 1402 | 831 | 2521 | 2528 |
| 1403 | 828 | 831 | 2529 |
| 1404 | 672 | 825 | 2530 |
| 1405 | 825 | 2526 | 2531 |
| 1406 | 2532 | 822 | 2533 |
| 1407 | 822 | 672 | 2534 |
| 1408 | 2535 | 816 | 2536 |
| 1409 | 819 | 2532 | 2537 |
| 1410 | 816 | 819 | 2538 |
| 1411 | 2539 | 807 | 2540 |
| 1412 | 813 | 2535 | 2541 |
| 1413 | 810 | 813 | 2542 |
| 1414 | 807 | 810 | 2543 |
| 1415 | 2544 | 801 | 2545 |
| 1416 | 804 | 2539 | 2546 |
| 1417 | 801 | 804 | 2547 |
| 1418 | 669 | 798 | 2548 |
| 1419 | 798 | 2544 | 2549 |
| 1420 | 2550 | 741 | 2551 |
| 1421 | 741 | 669 | 2552 |
| 1422 | 2553 | 735 | 2554 |
| 1423 | 738 | 2550 | 2555 |
| 1424 | 735 | 738 | 2556 |
| 1425 | 2557 | 729 | 2558 |
| 1426 | 732 | 2553 | 2559 |
| 1427 | 729 | 732 | 2560 |
| 1428 | 666 | 726 | 2561 |
| 1429 | 726 | 2557 | 2562 |
| 1430 | 1948 | 666 | 2563 |
| 1431 | 690 | 1942 | 2564 |
| 1432 | 1945 | 693 | 2565 |
| 1433 | 724 | 1951 | 2566 |
| 1434 | 1948 | 2567 | 2568 |
| 1435 | 2567 | 1632 | 2569 |
| 1436 | 1942 | 2570 | 2571 |
| 1437 | 2570 | 1626 | 2572 |
| 1438 | 1945 | 2573 | 2574 |
| 1439 | 2573 | 1629 | 2575 |
| 1440 | 1951 | 2576 | 2577 |
| 1441 | 2576 | 1635 | 2578 |
| 1442 | 2579 | 724 | 2580 |

TOTAL NUMBER OF ELEMENTS = 1507
LARGEST ELEMENT NUMBER = 1507
LARGEST NODE NUMBER = 2742

DEFAULT SOLVER CHOSEN

NODE COORDINATES

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | -325.777 | 2.12500 | -2.50000 |
| 2 | -325.777 | 2.12500 | -3.00000 |
| 3 | -325.777 | 3.12500 | -2.50000 |
| 4 | -325.777 | 9.12500 | -2.50000 |
| 5 | -325.777 | 9.12500 | -3.00000 |
| 6 | -325.777 | 10.1250 | -2.50000 |
| 7 | -325.777 | 2.12500 | -4.25000 |
| 8 | -325.777 | 3.12500 | -3.00000 |
| 9 | -325.777 | 9.12500 | -4.25000 |
| 10 | -325.777 | 10.1250 | -3.00000 |
| 11 | -325.777 | 5.62500 | -4.25000 |
| 12 | -326.944 | 2.12500 | -4.25000 |
| 13 | -326.944 | 5.62500 | -4.25000 |
| 14 | -325.777 | 10.2050 | -4.25000 |
| 15 | -326.777 | 9.12500 | -4.25000 |

| | | | |
|-----|----------|----------|----------|
| 16 | -325.777 | 1.04500 | -4.25000 |
| 17 | -326.777 | 1.04500 | -4.25000 |
| 18 | -325.777 | 5.62500 | -5.50000 |
| 19 | -325.777 | 6.62500 | -4.25000 |
| 20 | -325.777 | 5.62500 | -7.00000 |
| 21 | -325.777 | 5.62500 | -5.68750 |
| 22 | -325.777 | 5.62500 | -5.87500 |
| 23 | -325.777 | 5.62500 | -6.06250 |
| 24 | -325.777 | 5.62500 | -6.25000 |
| 25 | -325.777 | 5.62500 | -6.43750 |
| 26 | -325.777 | 5.62500 | -6.62500 |
| 27 | -325.777 | 5.62500 | -6.81250 |
| 28 | -325.777 | 6.62500 | -5.50000 |
| 29 | -325.777 | 6.62500 | -5.68750 |
| 30 | -325.777 | 6.62500 | -5.87500 |
| 31 | -325.777 | 6.62500 | -6.06250 |
| 32 | -325.777 | 6.62500 | -6.25000 |
| 33 | -325.777 | 6.62500 | -6.43750 |
| 34 | -325.777 | 6.62500 | -6.62500 |
| 35 | -325.777 | 6.62500 | -6.81250 |
| 36 | -277.187 | 2.12500 | -3.00000 |
| 37 | -277.187 | 2.12500 | -4.25000 |
| 38 | -277.187 | 3.12500 | -3.00000 |
| 39 | -277.187 | 9.12500 | -3.00000 |
| 40 | -277.187 | 9.12500 | -4.25000 |
| 41 | -277.187 | 10.12500 | -3.00000 |
| 42 | -277.187 | 5.62500 | -4.25000 |
| 43 | -278.354 | 2.12500 | -4.25000 |
| 44 | -278.354 | 5.62500 | -4.25000 |
| 45 | -277.187 | 10.20500 | -4.25000 |
| 46 | -278.187 | 9.12500 | -4.25000 |
| 47 | -277.187 | 1.04500 | -4.25000 |
| 48 | -278.187 | 1.04500 | -4.25000 |
| 49 | -277.187 | 5.62500 | -5.50000 |
| 50 | -277.187 | 6.62500 | -4.25000 |
| 51 | -277.187 | 5.62500 | -7.50000 |
| 52 | -277.187 | 5.62500 | -5.75000 |
| 53 | -277.187 | 5.62500 | -6.00000 |
| 54 | -277.187 | 5.62500 | -6.25000 |
| 55 | -277.187 | 5.62500 | -6.50000 |
| 56 | -277.187 | 5.62500 | -6.75000 |
| 57 | -277.187 | 5.62500 | -7.00000 |
| 58 | -277.187 | 5.62500 | -7.25000 |
| 59 | -277.187 | 6.62500 | -5.50000 |
| 60 | -277.187 | 6.62500 | -5.75000 |
| 61 | -277.187 | 6.62500 | -6.00000 |
| 62 | -277.187 | 6.62500 | -6.25000 |
| 63 | -277.187 | 6.62500 | -6.50000 |
| 64 | -277.187 | 6.62500 | -6.75000 |
| 65 | -277.187 | 6.62500 | -7.00000 |
| 66 | -277.187 | 6.62500 | -7.25000 |
| 67 | -277.187 | 2.12500 | -2.50000 |
| 68 | -277.187 | 3.12500 | -2.50000 |
| 69 | -277.187 | 9.12500 | -2.50000 |
| 70 | -277.187 | 10.12500 | -2.50000 |
| 71 | -325.777 | 5.62500 | -8.80000 |
| 72 | -325.777 | 6.62500 | -7.00000 |
| 73 | -277.187 | 5.62500 | -9.30000 |
| 74 | -277.187 | 6.62500 | -7.50000 |
| 75 | -228.607 | 2.12500 | -3.00000 |
| 76 | -228.607 | 2.12500 | -4.25000 |
| 77 | -228.607 | 3.12500 | -3.00000 |
| 78 | -228.607 | 9.12500 | -3.00000 |
| 79 | -228.607 | 9.12500 | -4.25000 |
| 80 | -228.607 | 10.12500 | -3.00000 |
| 81 | -228.607 | 5.62500 | -4.25000 |
| 82 | -229.774 | 2.12500 | -4.25000 |
| 83 | -229.774 | 5.62500 | -4.25000 |
| 84 | -228.607 | 10.20500 | -4.25000 |
| 85 | -229.607 | 9.12500 | -4.25000 |
| 86 | -228.607 | 1.04500 | -4.25000 |
| 87 | -229.607 | 1.04500 | -4.25000 |
| 88 | -228.607 | 5.62500 | -5.50000 |
| 89 | -228.607 | 6.62500 | -4.25000 |
| 90 | -228.607 | 5.62500 | -8.00000 |
| 91 | -228.607 | 5.62500 | -5.81250 |
| 92 | -228.607 | 5.62500 | -6.12500 |
| 93 | -228.607 | 5.62500 | -6.43750 |
| 94 | -228.607 | 5.62500 | -6.75000 |
| 95 | -228.607 | 5.62500 | -7.06250 |
| 96 | -228.607 | 5.62500 | -7.37500 |
| 97 | -228.607 | 5.62500 | -7.68750 |
| 98 | -228.607 | 6.62500 | -5.50000 |
| 99 | -228.607 | 6.62500 | -5.81250 |
| 100 | -228.607 | 6.62500 | -6.12500 |
| 101 | -228.607 | 6.62500 | -6.43750 |
| 102 | -228.607 | 6.62500 | -6.75000 |
| 103 | -228.607 | 6.62500 | -7.06250 |
| 104 | -228.607 | 6.62500 | -7.37500 |
| 105 | -228.607 | 6.62500 | -7.68750 |
| 106 | -228.607 | 5.62500 | -9.80000 |
| 107 | -228.607 | 6.62500 | -8.00000 |
| 108 | -228.607 | 9.12500 | -2.50000 |
| 109 | -228.607 | 10.12500 | -2.50000 |
| 110 | -228.607 | 2.12500 | -2.50000 |
| 111 | -228.607 | 3.12500 | -2.50000 |
| 112 | -180.037 | 2.12500 | -3.00000 |
| 113 | -180.037 | 2.12500 | -4.25000 |
| 114 | -180.037 | 3.12500 | -3.00000 |
| 115 | -180.037 | 9.12500 | -3.00000 |
| 116 | -180.037 | 9.12500 | -4.25000 |
| 117 | -180.037 | 10.12500 | -3.00000 |
| 118 | -180.037 | 5.62500 | -4.25000 |
| 119 | -181.204 | 2.12500 | -4.25000 |
| 120 | -181.204 | 5.62500 | -4.25000 |

| | | | |
|-----|----------|---------|----------|
| 121 | -180.037 | 10.2050 | -4.25000 |
| 122 | -181.037 | 9.12500 | -4.25000 |
| 123 | -180.037 | 1.04500 | -4.25000 |
| 124 | -181.037 | 1.04500 | -4.25000 |
| 125 | -180.037 | 5.62500 | -5.50000 |
| 126 | -180.037 | 6.62500 | -4.25000 |
| 127 | -180.037 | 5.62500 | -8.50000 |
| 128 | -180.037 | 5.62500 | -5.87500 |
| 129 | -180.037 | 5.62500 | -6.25000 |
| 130 | -180.037 | 5.62500 | -6.62500 |
| 131 | -180.037 | 5.62500 | -7.00000 |
| 132 | -180.037 | 5.62500 | -7.37500 |
| 133 | -180.037 | 5.62500 | -7.75000 |
| 134 | -180.037 | 5.62500 | -8.12500 |
| 135 | -180.037 | 6.62500 | -5.50000 |
| 136 | -180.037 | 6.62500 | -5.87500 |
| 137 | -180.037 | 6.62500 | -6.25000 |
| 138 | -180.037 | 6.62500 | -6.62500 |
| 139 | -180.037 | 6.62500 | -7.00000 |
| 140 | -180.037 | 6.62500 | -7.37500 |
| 141 | -180.037 | 6.62500 | -7.75000 |
| 142 | -180.037 | 6.62500 | -8.12500 |
| 143 | -180.037 | 5.62500 | -10.3000 |
| 144 | -180.037 | 6.62500 | -8.50000 |
| 145 | -180.037 | 9.12500 | -2.50000 |
| 146 | -180.037 | 10.1250 | -2.50000 |
| 147 | -180.037 | 2.12500 | -2.50000 |
| 148 | -180.037 | 3.12500 | -2.50000 |
| 149 | -131.487 | 2.12500 | -3.00000 |
| 150 | -131.487 | 2.12500 | -4.25000 |
| 151 | -131.487 | 3.12500 | -3.00000 |
| 152 | -131.487 | 9.12500 | -3.00000 |
| 153 | -131.487 | 9.12500 | -4.25000 |
| 154 | -131.487 | 10.1250 | -3.00000 |
| 155 | -131.487 | 5.62500 | -4.25000 |
| 156 | -132.654 | 2.12500 | -4.25000 |
| 157 | -132.654 | 5.62500 | -4.25000 |
| 158 | -131.487 | 10.2050 | -4.25000 |
| 159 | -132.487 | 9.12500 | -4.25000 |
| 160 | -131.487 | 1.04500 | -4.25000 |
| 161 | -132.487 | 1.04500 | -4.25000 |
| 162 | -131.487 | 5.62500 | -5.50000 |
| 163 | -131.487 | 6.62500 | -4.25000 |
| 164 | -131.487 | 5.62500 | -8.75000 |
| 165 | -131.487 | 5.62500 | -5.90625 |
| 166 | -131.487 | 5.62500 | -6.31250 |
| 167 | -131.487 | 5.62500 | -6.71875 |
| 168 | -131.487 | 5.62500 | -7.12500 |
| 169 | -131.487 | 5.62500 | -7.53125 |
| 170 | -131.487 | 5.62500 | -7.93750 |
| 171 | -131.487 | 5.62500 | -8.34375 |
| 172 | -131.487 | 6.62500 | -5.50000 |
| 173 | -131.487 | 6.62500 | -5.90625 |
| 174 | -131.487 | 6.62500 | -6.31250 |
| 175 | -131.487 | 6.62500 | -6.71875 |
| 176 | -131.487 | 6.62500 | -7.12500 |
| 177 | -131.487 | 6.62500 | -7.53125 |
| 178 | -131.487 | 6.62500 | -7.93750 |
| 179 | -131.487 | 6.62500 | -8.34375 |
| 180 | -131.487 | 5.62500 | -10.5500 |
| 181 | -131.487 | 6.62500 | -8.75000 |
| 182 | -131.487 | 9.12500 | -2.50000 |
| 183 | -131.487 | 10.1250 | -2.50000 |
| 184 | -131.487 | 2.12500 | -2.50000 |
| 185 | -131.487 | 3.12500 | -2.50000 |
| 186 | -82.9570 | 2.12500 | -3.00000 |
| 187 | -82.9570 | 2.12500 | -4.25000 |
| 188 | -82.9570 | 3.12500 | -3.00000 |
| 189 | -82.9570 | 9.12500 | -3.00000 |
| 190 | -82.9570 | 9.12500 | -4.25000 |
| 191 | -82.9570 | 10.1250 | -3.00000 |
| 192 | -82.9570 | 5.62500 | -4.25000 |
| 193 | -84.1237 | 2.12500 | -4.25000 |
| 194 | -84.1237 | 5.62500 | -4.25000 |
| 195 | -82.9570 | 10.2050 | -4.25000 |
| 196 | -83.9570 | 9.12500 | -4.25000 |
| 197 | -82.9570 | 1.04500 | -4.25000 |
| 198 | -83.9570 | 1.04500 | -4.25000 |
| 199 | -82.9570 | 5.62500 | -5.50000 |
| 200 | -82.9570 | 6.62500 | -4.25000 |
| 201 | -82.9570 | 5.62500 | -9.50000 |
| 202 | -82.9570 | 5.62500 | -6.00000 |
| 203 | -82.9570 | 5.62500 | -6.50000 |
| 204 | -82.9570 | 5.62500 | -7.00000 |
| 205 | -82.9570 | 5.62500 | -7.50000 |
| 206 | -82.9570 | 5.62500 | -8.00000 |
| 207 | -82.9570 | 5.62500 | -8.50000 |
| 208 | -82.9570 | 5.62500 | -9.00000 |
| 209 | -82.9570 | 6.62500 | -5.50000 |
| 210 | -82.9570 | 6.62500 | -6.00000 |
| 211 | -82.9570 | 6.62500 | -6.50000 |
| 212 | -82.9570 | 6.62500 | -7.00000 |
| 213 | -82.9570 | 6.62500 | -7.50000 |
| 214 | -82.9570 | 6.62500 | -8.00000 |
| 215 | -82.9570 | 6.62500 | -8.50000 |
| 216 | -82.9570 | 6.62500 | -9.00000 |
| 217 | -82.9570 | 5.62500 | -11.3000 |
| 218 | -82.9570 | 6.62500 | -9.50000 |
| 219 | -82.9570 | 9.12500 | -2.50000 |
| 220 | -82.9570 | 10.1250 | -2.50000 |
| 221 | -82.9570 | 2.12500 | -2.50000 |
| 222 | -82.9570 | 3.12500 | -2.50000 |
| 223 | -34.4470 | 2.12500 | -3.00000 |
| 224 | -34.4470 | 2.12500 | -4.25000 |
| 225 | -34.4470 | 3.12500 | -3.00000 |

| | | | |
|-----|----------|---------|----------|
| 226 | -34.4470 | 9.12500 | -3.00000 |
| 227 | -34.4470 | 9.12500 | -4.25000 |
| 228 | -34.4470 | 10.1250 | -3.00000 |
| 229 | -34.4470 | 5.62500 | -4.25000 |
| 230 | -35.6137 | 2.12500 | -4.25000 |
| 231 | -35.6137 | 5.62500 | -4.25000 |
| 232 | -34.4470 | 10.2050 | -4.25000 |
| 233 | -35.4470 | 9.12500 | -4.25000 |
| 234 | -34.4470 | 1.04500 | -4.25000 |
| 235 | -35.4470 | 1.04500 | -4.25000 |
| 236 | -34.4470 | 5.62500 | -5.50000 |
| 237 | -34.4470 | 6.62500 | -4.25000 |
| 238 | -34.4470 | 5.62500 | -9.75000 |
| 239 | -34.4470 | 5.62500 | -6.03125 |
| 240 | -34.4470 | 5.62500 | -6.56250 |
| 241 | -34.4470 | 5.62500 | -7.09375 |
| 242 | -34.4470 | 5.62500 | -7.62500 |
| 243 | -34.4470 | 5.62500 | -8.15625 |
| 244 | -34.4470 | 5.62500 | -8.68750 |
| 245 | -34.4470 | 5.62500 | -9.21875 |
| 246 | -34.4470 | 6.62500 | -5.50000 |
| 247 | -34.4470 | 6.62500 | -6.03125 |
| 248 | -34.4470 | 6.62500 | -6.56250 |
| 249 | -34.4470 | 6.62500 | -7.09375 |
| 250 | -34.4470 | 6.62500 | -7.62500 |
| 251 | -34.4470 | 6.62500 | -8.15625 |
| 252 | -34.4470 | 6.62500 | -8.68750 |
| 253 | -34.4470 | 6.62500 | -9.21875 |
| 254 | -34.4470 | 5.62500 | -11.5500 |
| 255 | -34.4470 | 6.62500 | -9.75000 |
| 256 | -34.4470 | 9.12500 | -2.50000 |
| 257 | -34.4470 | 10.1250 | -2.50000 |
| 258 | -34.4470 | 2.12500 | -2.50000 |
| 259 | -34.4470 | 3.12500 | -2.50000 |
| 260 | 33.5470 | 2.12500 | -3.00000 |
| 261 | 33.5470 | 2.12500 | -4.25000 |
| 262 | 33.5470 | 3.12500 | -3.00000 |
| 263 | 33.5470 | 9.12500 | -3.00000 |
| 264 | 33.5470 | 9.12500 | -4.25000 |
| 265 | 33.5470 | 10.1250 | -3.00000 |
| 266 | 33.5470 | 5.62500 | -4.25000 |
| 267 | 32.3803 | 2.12500 | -4.25000 |
| 268 | 32.3803 | 5.62500 | -4.25000 |
| 269 | 33.5470 | 10.2050 | -4.25000 |
| 270 | 32.5470 | 9.12500 | -4.25000 |
| 271 | 33.5470 | 1.04500 | -4.25000 |
| 272 | 32.5470 | 1.04500 | -4.25000 |
| 273 | 33.5470 | 5.62500 | -5.50000 |
| 274 | 33.5470 | 6.62500 | -4.25000 |
| 275 | 33.5470 | 5.62500 | -10.0000 |
| 276 | 33.5470 | 5.62500 | -6.06250 |
| 277 | 33.5470 | 5.62500 | -6.62500 |
| 278 | 33.5470 | 5.62500 | -7.18750 |
| 279 | 33.5470 | 5.62500 | -7.75000 |
| 280 | 33.5470 | 5.62500 | -8.31250 |
| 281 | 33.5470 | 5.62500 | -8.87500 |
| 282 | 33.5470 | 5.62500 | -9.43750 |
| 283 | 33.5470 | 6.62500 | -5.50000 |
| 284 | 33.5470 | 6.62500 | -6.06250 |
| 285 | 33.5470 | 6.62500 | -6.62500 |
| 286 | 33.5470 | 6.62500 | -7.18750 |
| 287 | 33.5470 | 6.62500 | -7.75000 |
| 288 | 33.5470 | 6.62500 | -8.31250 |
| 289 | 33.5470 | 6.62500 | -8.87500 |
| 290 | 33.5470 | 6.62500 | -9.43750 |
| 291 | 33.5470 | 5.62500 | -11.8000 |
| 292 | 33.5470 | 6.62500 | -10.0000 |
| 293 | 33.5470 | 9.12500 | -2.50000 |
| 294 | 33.5470 | 10.1250 | -2.50000 |
| 295 | 33.5470 | 2.12500 | -2.50000 |
| 296 | 33.5470 | 3.12500 | -2.50000 |
| 297 | 82.0570 | 2.12500 | -3.00000 |
| 298 | 82.0570 | 2.12500 | -4.25000 |
| 299 | 82.0570 | 3.12500 | -3.00000 |
| 300 | 82.0570 | 9.12500 | -3.00000 |
| 301 | 82.0570 | 9.12500 | -4.25000 |
| 302 | 82.0570 | 10.1250 | -3.00000 |
| 303 | 82.0570 | 5.62500 | -4.25000 |
| 304 | 80.8903 | 2.12500 | -4.25000 |
| 305 | 80.8903 | 5.62500 | -4.25000 |
| 306 | 82.0570 | 10.2050 | -4.25000 |
| 307 | 81.0570 | 9.12500 | -4.25000 |
| 308 | 82.0570 | 1.04500 | -4.25000 |
| 309 | 81.0570 | 1.04500 | -4.25000 |
| 310 | 82.0570 | 5.62500 | -5.50000 |
| 311 | 82.0570 | 6.62500 | -4.25000 |
| 312 | 82.0570 | 5.62500 | -9.50000 |
| 313 | 82.0570 | 5.62500 | -6.00000 |
| 314 | 82.0570 | 5.62500 | -6.50000 |
| 315 | 82.0570 | 5.62500 | -7.00000 |
| 316 | 82.0570 | 5.62500 | -7.50000 |
| 317 | 82.0570 | 5.62500 | -8.00000 |
| 318 | 82.0570 | 5.62500 | -8.50000 |
| 319 | 82.0570 | 5.62500 | -9.00000 |
| 320 | 82.0570 | 6.62500 | -5.50000 |
| 321 | 82.0570 | 6.62500 | -6.00000 |
| 322 | 82.0570 | 6.62500 | -6.50000 |
| 323 | 82.0570 | 6.62500 | -7.00000 |
| 324 | 82.0570 | 6.62500 | -7.50000 |
| 325 | 82.0570 | 6.62500 | -8.00000 |
| 326 | 82.0570 | 6.62500 | -8.50000 |
| 327 | 82.0570 | 6.62500 | -9.00000 |
| 328 | 82.0570 | 5.62500 | -11.3000 |
| 329 | 82.0570 | 6.62500 | -9.50000 |
| 330 | 82.0570 | 9.12500 | -2.50000 |

| | | | |
|-----|---------|---------|----------|
| 331 | 82.0570 | 10.1250 | -2.50000 |
| 332 | 82.0570 | 2.12500 | -2.50000 |
| 333 | 82.0570 | 3.12500 | -2.50000 |
| 334 | 130.587 | 2.12500 | -3.00000 |
| 335 | 130.587 | 2.12500 | -4.25000 |
| 336 | 130.587 | 3.12500 | -3.00000 |
| 337 | 130.587 | 9.12500 | -3.00000 |
| 338 | 130.587 | 9.12500 | -4.25000 |
| 339 | 130.587 | 10.1250 | -3.00000 |
| 340 | 130.587 | 5.62500 | -4.25000 |
| 341 | 129.420 | 2.12500 | -4.25000 |
| 342 | 129.420 | 5.62500 | -4.25000 |
| 343 | 130.587 | 10.2050 | -4.25000 |
| 344 | 129.587 | 9.12500 | -4.25000 |
| 345 | 130.587 | 1.04500 | -4.25000 |
| 346 | 129.587 | 1.04500 | -4.25000 |
| 347 | 130.587 | 5.62500 | -5.50000 |
| 348 | 130.587 | 6.62500 | -4.25000 |
| 349 | 130.587 | 5.62500 | -9.50000 |
| 350 | 130.587 | 5.62500 | -6.00000 |
| 351 | 130.587 | 5.62500 | -6.50000 |
| 352 | 130.587 | 5.62500 | -7.00000 |
| 353 | 130.587 | 5.62500 | -7.50000 |
| 354 | 130.587 | 5.62500 | -8.00000 |
| 355 | 130.587 | 5.62500 | -8.50000 |
| 356 | 130.587 | 5.62500 | -9.00000 |
| 357 | 130.587 | 6.62500 | -5.50000 |
| 358 | 130.587 | 6.62500 | -6.00000 |
| 359 | 130.587 | 6.62500 | -6.50000 |
| 360 | 130.587 | 6.62500 | -7.00000 |
| 361 | 130.587 | 6.62500 | -7.50000 |
| 362 | 130.587 | 6.62500 | -8.00000 |
| 363 | 130.587 | 6.62500 | -8.50000 |
| 364 | 130.587 | 6.62500 | -9.00000 |
| 365 | 130.587 | 5.62500 | -11.3000 |
| 366 | 130.587 | 6.62500 | -9.50000 |
| 367 | 130.587 | 9.12500 | -2.50000 |
| 368 | 130.587 | 10.1250 | -2.50000 |
| 369 | 130.587 | 2.12500 | -2.50000 |
| 370 | 130.587 | 3.12500 | -2.50000 |
| 371 | 179.137 | 2.12500 | -3.00000 |
| 372 | 179.137 | 2.12500 | -4.25000 |
| 373 | 179.137 | 3.12500 | -3.00000 |
| 374 | 179.137 | 9.12500 | -3.00000 |
| 375 | 179.137 | 9.12500 | -4.25000 |
| 376 | 179.137 | 10.1250 | -3.00000 |
| 377 | 179.137 | 5.62500 | -4.25000 |
| 378 | 177.970 | 2.12500 | -4.25000 |
| 379 | 177.970 | 5.62500 | -4.25000 |
| 380 | 179.137 | 10.2050 | -4.25000 |
| 381 | 178.137 | 9.12500 | -4.25000 |
| 382 | 179.137 | 1.04500 | -4.25000 |
| 383 | 178.137 | 1.04500 | -4.25000 |
| 384 | 179.137 | 5.62500 | -5.50000 |
| 385 | 179.137 | 6.62500 | -4.25000 |
| 386 | 179.137 | 5.62500 | -9.25000 |
| 387 | 179.137 | 5.62500 | -5.96875 |
| 388 | 179.137 | 5.62500 | -6.43750 |
| 389 | 179.137 | 5.62500 | -6.90625 |
| 390 | 179.137 | 5.62500 | -7.37500 |
| 391 | 179.137 | 5.62500 | -7.84375 |
| 392 | 179.137 | 5.62500 | -8.31250 |
| 393 | 179.137 | 5.62500 | -8.78125 |
| 394 | 179.137 | 6.62500 | -5.50000 |
| 395 | 179.137 | 6.62500 | -5.96875 |
| 396 | 179.137 | 6.62500 | -6.43750 |
| 397 | 179.137 | 6.62500 | -6.90625 |
| 398 | 179.137 | 6.62500 | -7.37500 |
| 399 | 179.137 | 6.62500 | -7.84375 |
| 400 | 179.137 | 6.62500 | -8.31250 |
| 401 | 179.137 | 6.62500 | -8.78125 |
| 402 | 179.137 | 5.62500 | -11.0500 |
| 403 | 179.137 | 6.62500 | -9.25000 |
| 404 | 179.137 | 9.12500 | -2.50000 |
| 405 | 179.137 | 10.1250 | -2.50000 |
| 406 | 179.137 | 2.12500 | -2.50000 |
| 407 | 179.137 | 3.12500 | -2.50000 |
| 408 | 227.707 | 2.12500 | -3.00000 |
| 409 | 227.707 | 2.12500 | -4.25000 |
| 410 | 227.707 | 3.12500 | -3.00000 |
| 411 | 227.707 | 9.12500 | -3.00000 |
| 412 | 227.707 | 9.12500 | -4.25000 |
| 413 | 227.707 | 10.1250 | -3.00000 |
| 414 | 227.707 | 5.62500 | -4.25000 |
| 415 | 226.540 | 2.12500 | -4.25000 |
| 416 | 226.540 | 5.62500 | -4.25000 |
| 417 | 227.707 | 10.2050 | -4.25000 |
| 418 | 226.707 | 9.12500 | -4.25000 |
| 419 | 227.707 | 1.04500 | -4.25000 |
| 420 | 226.707 | 1.04500 | -4.25000 |
| 421 | 227.707 | 5.62500 | -5.50000 |
| 422 | 227.707 | 6.62500 | -4.25000 |
| 423 | 227.707 | 5.62500 | -8.50000 |
| 424 | 227.707 | 5.62500 | -5.87500 |
| 425 | 227.707 | 5.62500 | -6.25000 |
| 426 | 227.707 | 5.62500 | -6.62500 |
| 427 | 227.707 | 5.62500 | -7.00000 |
| 428 | 227.707 | 5.62500 | -7.37500 |
| 429 | 227.707 | 5.62500 | -7.75000 |
| 430 | 227.707 | 5.62500 | -8.12500 |
| 431 | 227.707 | 6.62500 | -5.50000 |
| 432 | 227.707 | 6.62500 | -5.87500 |
| 433 | 227.707 | 6.62500 | -6.25000 |
| 434 | 227.707 | 6.62500 | -6.62500 |
| 435 | 227.707 | 6.62500 | -7.00000 |

| | | | |
|-----|---------|---------|----------|
| 436 | 227.707 | 6.62500 | -7.37500 |
| 437 | 227.707 | 6.62500 | -7.75000 |
| 438 | 227.707 | 6.62500 | -8.12500 |
| 439 | 227.707 | 5.62500 | -10.3000 |
| 440 | 227.707 | 6.62500 | -8.50000 |
| 441 | 227.707 | 9.12500 | -2.50000 |
| 442 | 227.707 | 10.1250 | -2.50000 |
| 443 | 227.707 | 2.12500 | -2.50000 |
| 444 | 227.707 | 3.12500 | -2.50000 |
| 445 | 276.287 | 2.12500 | -3.00000 |
| 446 | 276.287 | 2.12500 | -4.25000 |
| 447 | 276.287 | 3.12500 | -3.00000 |
| 448 | 276.287 | 9.12500 | -3.00000 |
| 449 | 276.287 | 9.12500 | -4.25000 |
| 450 | 276.287 | 10.1250 | -3.00000 |
| 451 | 276.287 | 5.62500 | -4.25000 |
| 452 | 275.120 | 2.12500 | -4.25000 |
| 453 | 275.120 | 5.62500 | -4.25000 |
| 454 | 276.287 | 10.2050 | -4.25000 |
| 455 | 275.287 | 9.12500 | -4.25000 |
| 456 | 276.287 | 1.04500 | -4.25000 |
| 457 | 275.287 | 1.04500 | -4.25000 |
| 458 | 276.287 | 5.62500 | -5.50000 |
| 459 | 276.287 | 6.62500 | -4.25000 |
| 460 | 276.287 | 5.62500 | -8.50000 |
| 461 | 276.287 | 5.62500 | -5.87500 |
| 462 | 276.287 | 5.62500 | -6.25000 |
| 463 | 276.287 | 5.62500 | -6.62500 |
| 464 | 276.287 | 5.62500 | -7.00000 |
| 465 | 276.287 | 5.62500 | -7.37500 |
| 466 | 276.287 | 5.62500 | -7.75000 |
| 467 | 276.287 | 5.62500 | -8.12500 |
| 468 | 276.287 | 6.62500 | -5.50000 |
| 469 | 276.287 | 6.62500 | -5.87500 |
| 470 | 276.287 | 6.62500 | -6.25000 |
| 471 | 276.287 | 6.62500 | -6.62500 |
| 472 | 276.287 | 6.62500 | -7.00000 |
| 473 | 276.287 | 6.62500 | -7.37500 |
| 474 | 276.287 | 6.62500 | -7.75000 |
| 475 | 276.287 | 6.62500 | -8.12500 |
| 476 | 276.287 | 5.62500 | -10.3000 |
| 477 | 276.287 | 6.62500 | -8.50000 |
| 478 | 276.287 | 9.12500 | -2.50000 |
| 479 | 276.287 | 10.1250 | -2.50000 |
| 480 | 276.287 | 2.12500 | -2.50000 |
| 481 | 276.287 | 3.12500 | -2.50000 |
| 482 | 324.877 | 2.12500 | -3.00000 |
| 483 | 324.877 | 2.12500 | -4.25000 |
| 484 | 324.877 | 3.12500 | -3.00000 |
| 485 | 324.877 | 9.12500 | -3.00000 |
| 486 | 324.877 | 9.12500 | -4.25000 |
| 487 | 324.877 | 10.1250 | -3.00000 |
| 488 | 324.877 | 5.62500 | -4.25000 |
| 489 | 323.710 | 2.12500 | -4.25000 |
| 490 | 323.710 | 5.62500 | -4.25000 |
| 491 | 324.877 | 10.2050 | -4.25000 |
| 492 | 323.877 | 9.12500 | -4.25000 |
| 493 | 324.877 | 1.04500 | -4.25000 |
| 494 | 323.877 | 1.04500 | -4.25000 |
| 495 | 324.877 | 5.62500 | -5.50000 |
| 496 | 324.877 | 6.62500 | -4.25000 |
| 497 | 324.877 | 5.62500 | -8.75000 |
| 498 | 324.877 | 5.62500 | -5.90625 |
| 499 | 324.877 | 5.62500 | -6.31250 |
| 500 | 324.877 | 5.62500 | -6.71875 |
| 501 | 324.877 | 5.62500 | -7.12500 |
| 502 | 324.877 | 5.62500 | -7.53125 |
| 503 | 324.877 | 5.62500 | -7.93750 |
| 504 | 324.877 | 5.62500 | -8.34375 |
| 505 | 324.877 | 6.62500 | -5.50000 |
| 506 | 324.877 | 6.62500 | -5.90625 |
| 507 | 324.877 | 6.62500 | -6.31250 |
| 508 | 324.877 | 6.62500 | -6.71875 |
| 509 | 324.877 | 6.62500 | -7.12500 |
| 510 | 324.877 | 6.62500 | -7.53125 |
| 511 | 324.877 | 6.62500 | -7.93750 |
| 512 | 324.877 | 6.62500 | -8.34375 |
| 513 | 324.877 | 5.62500 | -10.5500 |
| 514 | 324.877 | 6.62500 | -8.75000 |
| 515 | 324.877 | 9.12500 | -2.50000 |
| 516 | 324.877 | 10.1250 | -2.50000 |
| 517 | 324.877 | 2.12500 | -2.50000 |
| 518 | 324.877 | 3.12500 | -2.50000 |
| 519 | 373.578 | 2.12500 | -3.00000 |
| 520 | 373.578 | 2.12500 | -4.25000 |
| 521 | 373.578 | 3.12500 | -3.00000 |
| 522 | 373.578 | 9.12500 | -3.00000 |
| 523 | 373.578 | 9.12500 | -4.25000 |
| 524 | 373.578 | 10.1250 | -3.00000 |
| 525 | 373.578 | 5.62500 | -4.25000 |
| 526 | 372.411 | 2.12500 | -4.25000 |
| 527 | 372.411 | 5.62500 | -4.25000 |
| 528 | 373.578 | 10.2050 | -4.25000 |
| 529 | 372.578 | 9.12500 | -4.25000 |
| 530 | 373.578 | 1.04500 | -4.25000 |
| 531 | 372.578 | 1.04500 | -4.25000 |
| 532 | 373.578 | 5.62500 | -5.50000 |
| 533 | 373.578 | 6.62500 | -4.25000 |
| 534 | 373.578 | 5.62500 | -8.75000 |
| 535 | 373.578 | 5.62500 | -5.90625 |
| 536 | 373.578 | 5.62500 | -6.31250 |
| 537 | 373.578 | 5.62500 | -6.71875 |
| 538 | 373.578 | 5.62500 | -7.12500 |
| 539 | 373.578 | 5.62500 | -7.53125 |
| 540 | 373.578 | 5.62500 | -7.93750 |

| | | | |
|-----|-----------|----------|--------------|
| 541 | 373.578 | 5.62500 | -8.34375 |
| 542 | 373.578 | 6.62500 | -5.50000 |
| 543 | 373.578 | 6.62500 | -5.90625 |
| 544 | 373.578 | 6.62500 | -6.31250 |
| 545 | 373.578 | 6.62500 | -6.71875 |
| 546 | 373.578 | 6.62500 | -7.12500 |
| 547 | 373.578 | 6.62500 | -7.53125 |
| 548 | 373.578 | 6.62500 | -7.93750 |
| 549 | 373.578 | 6.62500 | -8.34375 |
| 550 | 373.578 | 5.62500 | -10.55000 |
| 551 | 373.578 | 6.62500 | -8.75000 |
| 552 | 373.578 | 9.12500 | -2.50000 |
| 553 | 373.578 | 10.12500 | -2.50000 |
| 554 | 373.578 | 2.12500 | -2.50000 |
| 555 | 373.578 | 3.12500 | -2.50000 |
| 556 | -0.447000 | 2.12500 | -4.25000 |
| 557 | -0.447000 | 5.62500 | -4.25000 |
| 558 | -1.61367 | 2.12500 | -4.25000 |
| 559 | -0.447000 | 9.12500 | -4.25000 |
| 560 | -1.61367 | 5.62500 | -4.25000 |
| 561 | -0.447000 | 10.20500 | -4.25000 |
| 562 | -1.44700 | 9.12500 | -4.25000 |
| 563 | -0.447000 | 1.04500 | -4.25000 |
| 564 | -1.44700 | 1.04500 | -4.25000 |
| 565 | -0.447000 | 5.62500 | -5.50000 |
| 566 | -0.447000 | 6.62500 | -4.25000 |
| 567 | -0.447000 | 5.62500 | -10.3000 |
| 568 | -0.447000 | 5.62500 | -6.10000 |
| 569 | -0.447000 | 5.62500 | -6.70000 |
| 570 | -0.447000 | 5.62500 | -7.30000 |
| 571 | -0.447000 | 5.62500 | -7.90000 |
| 572 | -0.447000 | 5.62500 | -8.50000 |
| 573 | -0.447000 | 5.62500 | -9.10000 |
| 574 | -0.447000 | 5.62500 | -9.70000 |
| 575 | -0.447000 | 6.62500 | -5.50000 |
| 576 | -0.447000 | 6.62500 | -6.10000 |
| 577 | -0.447000 | 6.62500 | -6.70000 |
| 578 | -0.447000 | 6.62500 | -7.30000 |
| 579 | -0.447000 | 6.62500 | -7.90000 |
| 580 | -0.447000 | 6.62500 | -8.50000 |
| 581 | -0.447000 | 6.62500 | -9.10000 |
| 582 | -0.447000 | 6.62500 | -9.70000 |
| 583 | -0.447000 | 5.62500 | -12.3000 |
| 584 | -0.447000 | 6.62500 | -10.3000 |
| 585 | -1.40000 | 9.12500 | -4.25000 |
| 586 | -1.40000 | 10.12500 | -4.25000 |
| 587 | 0.500000 | 9.12500 | -4.25000 |
| 588 | -0.447000 | 10.12500 | -4.25000 |
| 589 | -1.40000 | 2.12500 | -4.25000 |
| 590 | -1.40000 | 3.12500 | -4.25000 |
| 591 | 0.500000 | 2.12500 | -4.25000 |
| 592 | -0.447000 | 3.12500 | -4.25000 |
| 593 | 0.500000 | 2.12500 | -2.50000 |
| 594 | 0.500000 | 2.12500 | -3.00000 |
| 595 | 0.500000 | 3.12500 | -2.50000 |
| 596 | 0.500000 | 3.12500 | -3.00000 |
| 597 | -1.40000 | 2.12500 | -2.50000 |
| 598 | -1.40000 | 2.12500 | -3.00000 |
| 599 | -1.40000 | 3.12500 | -2.50000 |
| 600 | -1.40000 | 3.12500 | -3.00000 |
| 601 | 0.500000 | 9.12500 | -2.50000 |
| 602 | 0.500000 | 9.12500 | -3.00000 |
| 603 | 0.500000 | 10.12500 | -2.50000 |
| 604 | 0.500000 | 10.12500 | -3.00000 |
| 605 | -1.40000 | 9.12500 | -2.50000 |
| 606 | -1.40000 | 9.12500 | -3.00000 |
| 607 | -1.40000 | 10.12500 | -2.50000 |
| 608 | -1.40000 | 10.12500 | -3.00000 |
| 609 | -359.809 | 2.12500 | 0.000000E+00 |
| 610 | -359.809 | 2.12500 | -2.50000 |
| 611 | -359.809 | 3.12500 | 0.000000E+00 |
| 612 | -325.777 | 2.12500 | 0.000000E+00 |
| 613 | -325.777 | 2.12500 | -2.50000 |
| 614 | -325.777 | 3.12500 | 0.000000E+00 |
| 615 | -277.187 | 2.12500 | 0.000000E+00 |
| 616 | -277.187 | 2.12500 | -2.50000 |
| 617 | -277.187 | 3.12500 | 0.000000E+00 |
| 618 | -228.607 | 2.12500 | 0.000000E+00 |
| 619 | -228.607 | 2.12500 | -2.50000 |
| 620 | -228.607 | 3.12500 | 0.000000E+00 |
| 621 | -180.037 | 2.12500 | 0.000000E+00 |
| 622 | -180.037 | 2.12500 | -2.50000 |
| 623 | -180.037 | 3.12500 | 0.000000E+00 |
| 624 | -131.487 | 2.12500 | 0.000000E+00 |
| 625 | -131.487 | 2.12500 | -2.50000 |
| 626 | -131.487 | 3.12500 | 0.000000E+00 |
| 627 | -82.9570 | 2.12500 | 0.000000E+00 |
| 628 | -82.9570 | 2.12500 | -2.50000 |
| 629 | -82.9570 | 3.12500 | 0.000000E+00 |
| 630 | -34.4470 | 2.12500 | 0.000000E+00 |
| 631 | -34.4470 | 2.12500 | -2.50000 |
| 632 | -34.4470 | 3.12500 | 0.000000E+00 |
| 633 | -1.40000 | 2.12500 | 0.000000E+00 |
| 634 | -1.40000 | 2.12500 | -2.50000 |
| 635 | -1.40000 | 3.12500 | 0.000000E+00 |
| 636 | 0.500000 | 2.12500 | 0.000000E+00 |
| 637 | 0.500000 | 2.12500 | -2.50000 |
| 638 | 0.500000 | 3.12500 | 0.000000E+00 |
| 639 | 33.5470 | 2.12500 | 0.000000E+00 |
| 640 | 33.5470 | 2.12500 | -2.50000 |
| 641 | 33.5470 | 3.12500 | 0.000000E+00 |
| 642 | 82.0570 | 2.12500 | 0.000000E+00 |
| 643 | 82.0570 | 2.12500 | -2.50000 |
| 644 | 82.0570 | 3.12500 | 0.000000E+00 |
| 645 | 130.587 | 2.12500 | 0.000000E+00 |

| | | | |
|-----|----------|----------|--------------|
| 646 | 130.587 | 2.12500 | -2.50000 |
| 647 | 130.587 | 3.12500 | 0.000000E+00 |
| 648 | 179.137 | 2.12500 | 0.000000E+00 |
| 649 | 179.137 | 2.12500 | -2.50000 |
| 650 | 179.137 | 3.12500 | 0.000000E+00 |
| 651 | 227.707 | 2.12500 | 0.000000E+00 |
| 652 | 227.707 | 2.12500 | -2.50000 |
| 653 | 227.707 | 3.12500 | 0.000000E+00 |
| 654 | 276.287 | 2.12500 | 0.000000E+00 |
| 655 | 276.287 | 2.12500 | -2.50000 |
| 656 | 276.287 | 3.12500 | 0.000000E+00 |
| 657 | 324.877 | 2.12500 | 0.000000E+00 |
| 658 | 324.877 | 2.12500 | -2.50000 |
| 659 | 324.877 | 3.12500 | 0.000000E+00 |
| 660 | 373.578 | 2.12500 | 0.000000E+00 |
| 661 | 373.578 | 2.12500 | -2.50000 |
| 662 | 373.578 | 3.12500 | 0.000000E+00 |
| 663 | 407.610 | 2.12500 | 0.000000E+00 |
| 664 | 407.610 | 2.12500 | -2.50000 |
| 665 | 407.610 | 3.12500 | 0.000000E+00 |
| 666 | -359.809 | 9.12500 | 0.000000E+00 |
| 667 | -359.809 | 9.12500 | -2.50000 |
| 668 | -359.809 | 10.12500 | 0.000000E+00 |
| 669 | -325.777 | 9.12500 | 0.000000E+00 |
| 670 | -325.777 | 9.12500 | -2.50000 |
| 671 | -325.777 | 10.12500 | 0.000000E+00 |
| 672 | -277.187 | 9.12500 | 0.000000E+00 |
| 673 | -277.187 | 9.12500 | -2.50000 |
| 674 | -277.187 | 10.12500 | 0.000000E+00 |
| 675 | -228.607 | 9.12500 | 0.000000E+00 |
| 676 | -228.607 | 9.12500 | -2.50000 |
| 677 | -228.607 | 10.12500 | 0.000000E+00 |
| 678 | -180.037 | 9.12500 | 0.000000E+00 |
| 679 | -180.037 | 9.12500 | -2.50000 |
| 680 | -180.037 | 10.12500 | 0.000000E+00 |
| 681 | -131.487 | 9.12500 | 0.000000E+00 |
| 682 | -131.487 | 9.12500 | -2.50000 |
| 683 | -131.487 | 10.12500 | 0.000000E+00 |
| 684 | -82.9570 | 9.12500 | 0.000000E+00 |
| 685 | -82.9570 | 9.12500 | -2.50000 |
| 686 | -82.9570 | 10.12500 | 0.000000E+00 |
| 687 | -34.4470 | 9.12500 | 0.000000E+00 |
| 688 | -34.4470 | 9.12500 | -2.50000 |
| 689 | -34.4470 | 10.12500 | 0.000000E+00 |
| 690 | -1.40000 | 9.12500 | 0.000000E+00 |
| 691 | -1.40000 | 9.12500 | -2.50000 |
| 692 | -1.40000 | 10.12500 | 0.000000E+00 |
| 693 | 0.500000 | 9.12500 | 0.000000E+00 |
| 694 | 0.500000 | 9.12500 | -2.50000 |
| 695 | 0.500000 | 10.12500 | 0.000000E+00 |
| 696 | 33.5470 | 9.12500 | 0.000000E+00 |
| 697 | 33.5470 | 9.12500 | -2.50000 |
| 698 | 33.5470 | 10.12500 | 0.000000E+00 |
| 699 | 82.0570 | 9.12500 | 0.000000E+00 |
| 700 | 82.0570 | 9.12500 | -2.50000 |
| 701 | 82.0570 | 10.12500 | 0.000000E+00 |
| 702 | 130.587 | 9.12500 | 0.000000E+00 |
| 703 | 130.587 | 9.12500 | -2.50000 |
| 704 | 130.587 | 10.12500 | 0.000000E+00 |
| 705 | 179.137 | 9.12500 | 0.000000E+00 |
| 706 | 179.137 | 9.12500 | -2.50000 |
| 707 | 179.137 | 10.12500 | 0.000000E+00 |
| 708 | 227.707 | 9.12500 | 0.000000E+00 |
| 709 | 227.707 | 9.12500 | -2.50000 |
| 710 | 227.707 | 10.12500 | 0.000000E+00 |
| 711 | 276.287 | 9.12500 | 0.000000E+00 |
| 712 | 276.287 | 9.12500 | -2.50000 |
| 713 | 276.287 | 10.12500 | 0.000000E+00 |
| 714 | 324.877 | 9.12500 | 0.000000E+00 |
| 715 | 324.877 | 9.12500 | -2.50000 |
| 716 | 324.877 | 10.12500 | 0.000000E+00 |
| 717 | 373.578 | 9.12500 | 0.000000E+00 |
| 718 | 373.578 | 9.12500 | -2.50000 |
| 719 | 373.578 | 10.12500 | 0.000000E+00 |
| 720 | -357.476 | 9.12500 | 0.000000E+00 |
| 721 | 278.620 | 9.12500 | 0.000000E+00 |
| 722 | 327.210 | 9.12500 | 0.000000E+00 |
| 723 | 375.911 | 9.12500 | 0.000000E+00 |
| 724 | 407.610 | 9.12500 | 0.000000E+00 |
| 725 | 409.943 | 9.12500 | 0.000000E+00 |
| 726 | -354.947 | 9.12500 | 0.000000E+00 |
| 727 | -354.947 | 2.12500 | 0.000000E+00 |
| 728 | -352.614 | 9.12500 | 0.000000E+00 |
| 729 | -350.086 | 9.12500 | 0.000000E+00 |
| 730 | -350.086 | 2.12500 | 0.000000E+00 |
| 731 | -347.752 | 9.12500 | 0.000000E+00 |
| 732 | -345.224 | 9.12500 | 0.000000E+00 |
| 733 | -345.224 | 2.12500 | 0.000000E+00 |
| 734 | -342.891 | 9.12500 | 0.000000E+00 |
| 735 | -340.362 | 9.12500 | 0.000000E+00 |
| 736 | -340.362 | 2.12500 | 0.000000E+00 |
| 737 | -338.029 | 9.12500 | 0.000000E+00 |
| 738 | -335.500 | 9.12500 | 0.000000E+00 |
| 739 | -335.500 | 2.12500 | 0.000000E+00 |
| 740 | -333.167 | 9.12500 | 0.000000E+00 |
| 741 | -330.639 | 9.12500 | 0.000000E+00 |
| 742 | -330.639 | 2.12500 | 0.000000E+00 |
| 743 | -328.305 | 9.12500 | 0.000000E+00 |
| 744 | -29.7260 | 9.12500 | 0.000000E+00 |
| 745 | -29.7260 | 2.12500 | 0.000000E+00 |
| 746 | -27.3927 | 9.12500 | 0.000000E+00 |
| 747 | -25.0050 | 9.12500 | 0.000000E+00 |
| 748 | -25.0050 | 2.12500 | 0.000000E+00 |
| 749 | -22.6717 | 9.12500 | 0.000000E+00 |
| 750 | -20.2840 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 751 | -20.2840 | 2.12500 | 0.000000E+00 |
| 752 | -17.9507 | 9.12500 | 0.000000E+00 |
| 753 | -15.5630 | 9.12500 | 0.000000E+00 |
| 754 | -15.5630 | 2.12500 | 0.000000E+00 |
| 755 | -13.2297 | 9.12500 | 0.000000E+00 |
| 756 | -10.8420 | 9.12500 | 0.000000E+00 |
| 757 | -10.8420 | 2.12500 | 0.000000E+00 |
| 758 | -8.50867 | 9.12500 | 0.000000E+00 |
| 759 | -6.12100 | 9.12500 | 0.000000E+00 |
| 760 | -6.12100 | 2.12500 | 0.000000E+00 |
| 761 | -3.78767 | 9.12500 | 0.000000E+00 |
| 762 | 5.22100 | 9.12500 | 0.000000E+00 |
| 763 | 5.22100 | 2.12500 | 0.000000E+00 |
| 764 | 7.55433 | 9.12500 | 0.000000E+00 |
| 765 | 9.94200 | 9.12500 | 0.000000E+00 |
| 766 | 9.94200 | 2.12500 | 0.000000E+00 |
| 767 | 12.2753 | 9.12500 | 0.000000E+00 |
| 768 | 14.6630 | 9.12500 | 0.000000E+00 |
| 769 | 14.6630 | 2.12500 | 0.000000E+00 |
| 770 | 16.9963 | 9.12500 | 0.000000E+00 |
| 771 | 19.3840 | 9.12500 | 0.000000E+00 |
| 772 | 19.3840 | 2.12500 | 0.000000E+00 |
| 773 | 21.7173 | 9.12500 | 0.000000E+00 |
| 774 | 24.1050 | 9.12500 | 0.000000E+00 |
| 775 | 24.1050 | 2.12500 | 0.000000E+00 |
| 776 | 26.4383 | 9.12500 | 0.000000E+00 |
| 777 | 28.8260 | 9.12500 | 0.000000E+00 |
| 778 | 28.8260 | 2.12500 | 0.000000E+00 |
| 779 | 31.1593 | 9.12500 | 0.000000E+00 |
| 780 | 378.440 | 9.12500 | 0.000000E+00 |
| 781 | 378.440 | 2.12500 | 0.000000E+00 |
| 782 | 380.773 | 9.12500 | 0.000000E+00 |
| 783 | 383.301 | 9.12500 | 0.000000E+00 |
| 784 | 383.301 | 2.12500 | 0.000000E+00 |
| 785 | 385.635 | 9.12500 | 0.000000E+00 |
| 786 | 388.163 | 9.12500 | 0.000000E+00 |
| 787 | 388.163 | 2.12500 | 0.000000E+00 |
| 788 | 390.496 | 9.12500 | 0.000000E+00 |
| 789 | 393.025 | 9.12500 | 0.000000E+00 |
| 790 | 393.025 | 2.12500 | 0.000000E+00 |
| 791 | 395.358 | 9.12500 | 0.000000E+00 |
| 792 | 397.887 | 9.12500 | 0.000000E+00 |
| 793 | 397.887 | 2.12500 | 0.000000E+00 |
| 794 | 400.220 | 9.12500 | 0.000000E+00 |
| 795 | 402.748 | 9.12500 | 0.000000E+00 |
| 796 | 402.748 | 2.12500 | 0.000000E+00 |
| 797 | 405.082 | 9.12500 | 0.000000E+00 |
| 798 | -320.918 | 9.12500 | 0.000000E+00 |
| 799 | -320.918 | 2.12500 | 0.000000E+00 |
| 800 | -318.585 | 9.12500 | 0.000000E+00 |
| 801 | -316.059 | 9.12500 | 0.000000E+00 |
| 802 | -316.059 | 2.12500 | 0.000000E+00 |
| 803 | -313.726 | 9.12500 | 0.000000E+00 |
| 804 | -311.200 | 9.12500 | 0.000000E+00 |
| 805 | -311.200 | 2.12500 | 0.000000E+00 |
| 806 | -308.867 | 9.12500 | 0.000000E+00 |
| 807 | -306.341 | 9.12500 | 0.000000E+00 |
| 808 | -306.341 | 2.12500 | 0.000000E+00 |
| 809 | -304.008 | 9.12500 | 0.000000E+00 |
| 810 | -301.482 | 9.12500 | 0.000000E+00 |
| 811 | -301.482 | 2.12500 | 0.000000E+00 |
| 812 | -299.149 | 9.12500 | 0.000000E+00 |
| 813 | -296.623 | 9.12500 | 0.000000E+00 |
| 814 | -296.623 | 2.12500 | 0.000000E+00 |
| 815 | -294.290 | 9.12500 | 0.000000E+00 |
| 816 | -291.764 | 9.12500 | 0.000000E+00 |
| 817 | -291.764 | 2.12500 | 0.000000E+00 |
| 818 | -289.431 | 9.12500 | 0.000000E+00 |
| 819 | -286.905 | 9.12500 | 0.000000E+00 |
| 820 | -286.905 | 2.12500 | 0.000000E+00 |
| 821 | -284.572 | 9.12500 | 0.000000E+00 |
| 822 | -282.046 | 9.12500 | 0.000000E+00 |
| 823 | -282.046 | 2.12500 | 0.000000E+00 |
| 824 | -279.713 | 9.12500 | 0.000000E+00 |
| 825 | -272.329 | 9.12500 | 0.000000E+00 |
| 826 | -272.329 | 2.12500 | 0.000000E+00 |
| 827 | -269.996 | 9.12500 | 0.000000E+00 |
| 828 | -267.471 | 9.12500 | 0.000000E+00 |
| 829 | -267.471 | 2.12500 | 0.000000E+00 |
| 830 | -265.138 | 9.12500 | 0.000000E+00 |
| 831 | -262.613 | 9.12500 | 0.000000E+00 |
| 832 | -262.613 | 2.12500 | 0.000000E+00 |
| 833 | -260.280 | 9.12500 | 0.000000E+00 |
| 834 | -257.755 | 9.12500 | 0.000000E+00 |
| 835 | -257.755 | 2.12500 | 0.000000E+00 |
| 836 | -255.422 | 9.12500 | 0.000000E+00 |
| 837 | -252.897 | 9.12500 | 0.000000E+00 |
| 838 | -252.897 | 2.12500 | 0.000000E+00 |
| 839 | -250.564 | 9.12500 | 0.000000E+00 |
| 840 | -248.039 | 9.12500 | 0.000000E+00 |
| 841 | -248.039 | 2.12500 | 0.000000E+00 |
| 842 | -245.706 | 9.12500 | 0.000000E+00 |
| 843 | -243.181 | 9.12500 | 0.000000E+00 |
| 844 | -243.181 | 2.12500 | 0.000000E+00 |
| 845 | -240.848 | 9.12500 | 0.000000E+00 |
| 846 | -238.323 | 9.12500 | 0.000000E+00 |
| 847 | -238.323 | 2.12500 | 0.000000E+00 |
| 848 | -235.990 | 9.12500 | 0.000000E+00 |
| 849 | -233.465 | 9.12500 | 0.000000E+00 |
| 850 | -233.465 | 2.12500 | 0.000000E+00 |
| 851 | -231.132 | 9.12500 | 0.000000E+00 |
| 852 | -223.750 | 9.12500 | 0.000000E+00 |
| 853 | -223.750 | 2.12500 | 0.000000E+00 |
| 854 | -221.417 | 9.12500 | 0.000000E+00 |
| 855 | -218.893 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 856 | -218.893 | 2.12500 | 0.000000E+00 |
| 857 | -216.560 | 9.12500 | 0.000000E+00 |
| 858 | -214.036 | 9.12500 | 0.000000E+00 |
| 859 | -214.036 | 2.12500 | 0.000000E+00 |
| 860 | -211.703 | 9.12500 | 0.000000E+00 |
| 861 | -209.179 | 9.12500 | 0.000000E+00 |
| 862 | -209.179 | 2.12500 | 0.000000E+00 |
| 863 | -206.846 | 9.12500 | 0.000000E+00 |
| 864 | -204.322 | 9.12500 | 0.000000E+00 |
| 865 | -204.322 | 2.12500 | 0.000000E+00 |
| 866 | -201.989 | 9.12500 | 0.000000E+00 |
| 867 | -199.465 | 9.12500 | 0.000000E+00 |
| 868 | -199.465 | 2.12500 | 0.000000E+00 |
| 869 | -197.132 | 9.12500 | 0.000000E+00 |
| 870 | -194.608 | 9.12500 | 0.000000E+00 |
| 871 | -194.608 | 2.12500 | 0.000000E+00 |
| 872 | -192.275 | 9.12500 | 0.000000E+00 |
| 873 | -189.751 | 9.12500 | 0.000000E+00 |
| 874 | -189.751 | 2.12500 | 0.000000E+00 |
| 875 | -187.418 | 9.12500 | 0.000000E+00 |
| 876 | -184.894 | 9.12500 | 0.000000E+00 |
| 877 | -184.894 | 2.12500 | 0.000000E+00 |
| 878 | -182.561 | 9.12500 | 0.000000E+00 |
| 879 | -175.182 | 9.12500 | 0.000000E+00 |
| 880 | -175.182 | 2.12500 | 0.000000E+00 |
| 881 | -172.849 | 9.12500 | 0.000000E+00 |
| 882 | -170.327 | 9.12500 | 0.000000E+00 |
| 883 | -170.327 | 2.12500 | 0.000000E+00 |
| 884 | -167.994 | 9.12500 | 0.000000E+00 |
| 885 | -165.472 | 9.12500 | 0.000000E+00 |
| 886 | -165.472 | 2.12500 | 0.000000E+00 |
| 887 | -163.139 | 9.12500 | 0.000000E+00 |
| 888 | -160.617 | 9.12500 | 0.000000E+00 |
| 889 | -160.617 | 2.12500 | 0.000000E+00 |
| 890 | -158.284 | 9.12500 | 0.000000E+00 |
| 891 | -155.762 | 9.12500 | 0.000000E+00 |
| 892 | -155.762 | 2.12500 | 0.000000E+00 |
| 893 | -153.429 | 9.12500 | 0.000000E+00 |
| 894 | -150.907 | 9.12500 | 0.000000E+00 |
| 895 | -150.907 | 2.12500 | 0.000000E+00 |
| 896 | -148.574 | 9.12500 | 0.000000E+00 |
| 897 | -146.052 | 9.12500 | 0.000000E+00 |
| 898 | -146.052 | 2.12500 | 0.000000E+00 |
| 899 | -143.719 | 9.12500 | 0.000000E+00 |
| 900 | -141.197 | 9.12500 | 0.000000E+00 |
| 901 | -141.197 | 2.12500 | 0.000000E+00 |
| 902 | -138.864 | 9.12500 | 0.000000E+00 |
| 903 | -136.342 | 9.12500 | 0.000000E+00 |
| 904 | -136.342 | 2.12500 | 0.000000E+00 |
| 905 | -134.009 | 9.12500 | 0.000000E+00 |
| 906 | -126.634 | 9.12500 | 0.000000E+00 |
| 907 | -126.634 | 2.12500 | 0.000000E+00 |
| 908 | -124.301 | 9.12500 | 0.000000E+00 |
| 909 | -121.781 | 9.12500 | 0.000000E+00 |
| 910 | -121.781 | 2.12500 | 0.000000E+00 |
| 911 | -119.448 | 9.12500 | 0.000000E+00 |
| 912 | -116.928 | 9.12500 | 0.000000E+00 |
| 913 | -116.928 | 2.12500 | 0.000000E+00 |
| 914 | -114.595 | 9.12500 | 0.000000E+00 |
| 915 | -112.075 | 9.12500 | 0.000000E+00 |
| 916 | -112.075 | 2.12500 | 0.000000E+00 |
| 917 | -109.742 | 9.12500 | 0.000000E+00 |
| 918 | -107.222 | 9.12500 | 0.000000E+00 |
| 919 | -107.222 | 2.12500 | 0.000000E+00 |
| 920 | -104.889 | 9.12500 | 0.000000E+00 |
| 921 | -102.369 | 9.12500 | 0.000000E+00 |
| 922 | -102.369 | 2.12500 | 0.000000E+00 |
| 923 | -100.036 | 9.12500 | 0.000000E+00 |
| 924 | -97.5160 | 9.12500 | 0.000000E+00 |
| 925 | -97.5160 | 2.12500 | 0.000000E+00 |
| 926 | -95.1827 | 9.12500 | 0.000000E+00 |
| 927 | -92.6630 | 9.12500 | 0.000000E+00 |
| 928 | -92.6630 | 2.12500 | 0.000000E+00 |
| 929 | -90.3297 | 9.12500 | 0.000000E+00 |
| 930 | -87.8100 | 9.12500 | 0.000000E+00 |
| 931 | -87.8100 | 2.12500 | 0.000000E+00 |
| 932 | -85.4767 | 9.12500 | 0.000000E+00 |
| 933 | -78.1060 | 9.12500 | 0.000000E+00 |
| 934 | -78.1060 | 2.12500 | 0.000000E+00 |
| 935 | -75.7727 | 9.12500 | 0.000000E+00 |
| 936 | -73.2550 | 9.12500 | 0.000000E+00 |
| 937 | -73.2550 | 2.12500 | 0.000000E+00 |
| 938 | -70.9217 | 9.12500 | 0.000000E+00 |
| 939 | -68.4040 | 9.12500 | 0.000000E+00 |
| 940 | -68.4040 | 2.12500 | 0.000000E+00 |
| 941 | -66.0707 | 9.12500 | 0.000000E+00 |
| 942 | -63.5530 | 9.12500 | 0.000000E+00 |
| 943 | -63.5530 | 2.12500 | 0.000000E+00 |
| 944 | -61.2197 | 9.12500 | 0.000000E+00 |
| 945 | -58.7020 | 9.12500 | 0.000000E+00 |
| 946 | -58.7020 | 2.12500 | 0.000000E+00 |
| 947 | -56.3687 | 9.12500 | 0.000000E+00 |
| 948 | -53.8510 | 9.12500 | 0.000000E+00 |
| 949 | -53.8510 | 2.12500 | 0.000000E+00 |
| 950 | -51.5177 | 9.12500 | 0.000000E+00 |
| 951 | -49.0000 | 9.12500 | 0.000000E+00 |
| 952 | -49.0000 | 2.12500 | 0.000000E+00 |
| 953 | -46.6667 | 9.12500 | 0.000000E+00 |
| 954 | -44.1490 | 9.12500 | 0.000000E+00 |
| 955 | -44.1490 | 2.12500 | 0.000000E+00 |
| 956 | -41.8157 | 9.12500 | 0.000000E+00 |
| 957 | -39.2980 | 9.12500 | 0.000000E+00 |
| 958 | -39.2980 | 2.12500 | 0.000000E+00 |
| 959 | -36.9647 | 9.12500 | 0.000000E+00 |
| 960 | 38.3980 | 9.12500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 961 | 38.3980 | 2.12500 | 0.000000E+00 |
| 962 | 40.7313 | 9.12500 | 0.000000E+00 |
| 963 | 43.2490 | 9.12500 | 0.000000E+00 |
| 964 | 43.2490 | 2.12500 | 0.000000E+00 |
| 965 | 45.5823 | 9.12500 | 0.000000E+00 |
| 966 | 48.1000 | 9.12500 | 0.000000E+00 |
| 967 | 48.1000 | 2.12500 | 0.000000E+00 |
| 968 | 50.4333 | 9.12500 | 0.000000E+00 |
| 969 | 52.9510 | 9.12500 | 0.000000E+00 |
| 970 | 52.9510 | 2.12500 | 0.000000E+00 |
| 971 | 55.2843 | 9.12500 | 0.000000E+00 |
| 972 | 57.8020 | 9.12500 | 0.000000E+00 |
| 973 | 57.8020 | 2.12500 | 0.000000E+00 |
| 974 | 60.1353 | 9.12500 | 0.000000E+00 |
| 975 | 62.6530 | 9.12500 | 0.000000E+00 |
| 976 | 62.6530 | 2.12500 | 0.000000E+00 |
| 977 | 64.9863 | 9.12500 | 0.000000E+00 |
| 978 | 67.5040 | 9.12500 | 0.000000E+00 |
| 979 | 67.5040 | 2.12500 | 0.000000E+00 |
| 980 | 69.8373 | 9.12500 | 0.000000E+00 |
| 981 | 72.3550 | 9.12500 | 0.000000E+00 |
| 982 | 72.3550 | 2.12500 | 0.000000E+00 |
| 983 | 74.6883 | 9.12500 | 0.000000E+00 |
| 984 | 77.2060 | 9.12500 | 0.000000E+00 |
| 985 | 77.2060 | 2.12500 | 0.000000E+00 |
| 986 | 79.5393 | 9.12500 | 0.000000E+00 |
| 987 | 86.9100 | 9.12500 | 0.000000E+00 |
| 988 | 86.9100 | 2.12500 | 0.000000E+00 |
| 989 | 89.2433 | 9.12500 | 0.000000E+00 |
| 990 | 91.7630 | 9.12500 | 0.000000E+00 |
| 991 | 91.7630 | 2.12500 | 0.000000E+00 |
| 992 | 94.0963 | 9.12500 | 0.000000E+00 |
| 993 | 96.6160 | 9.12500 | 0.000000E+00 |
| 994 | 96.6160 | 2.12500 | 0.000000E+00 |
| 995 | 98.9493 | 9.12500 | 0.000000E+00 |
| 996 | 101.469 | 9.12500 | 0.000000E+00 |
| 997 | 101.469 | 2.12500 | 0.000000E+00 |
| 998 | 103.802 | 9.12500 | 0.000000E+00 |
| 999 | 106.322 | 9.12500 | 0.000000E+00 |
| 1000 | 106.322 | 2.12500 | 0.000000E+00 |
| 1001 | 108.655 | 9.12500 | 0.000000E+00 |
| 1002 | 111.175 | 9.12500 | 0.000000E+00 |
| 1003 | 111.175 | 2.12500 | 0.000000E+00 |
| 1004 | 113.508 | 9.12500 | 0.000000E+00 |
| 1005 | 116.028 | 9.12500 | 0.000000E+00 |
| 1006 | 116.028 | 2.12500 | 0.000000E+00 |
| 1007 | 118.361 | 9.12500 | 0.000000E+00 |
| 1008 | 120.881 | 9.12500 | 0.000000E+00 |
| 1009 | 120.881 | 2.12500 | 0.000000E+00 |
| 1010 | 123.214 | 9.12500 | 0.000000E+00 |
| 1011 | 125.734 | 9.12500 | 0.000000E+00 |
| 1012 | 125.734 | 2.12500 | 0.000000E+00 |
| 1013 | 128.067 | 9.12500 | 0.000000E+00 |
| 1014 | 135.442 | 9.12500 | 0.000000E+00 |
| 1015 | 135.442 | 2.12500 | 0.000000E+00 |
| 1016 | 137.775 | 9.12500 | 0.000000E+00 |
| 1017 | 140.297 | 9.12500 | 0.000000E+00 |
| 1018 | 140.297 | 2.12500 | 0.000000E+00 |
| 1019 | 142.630 | 9.12500 | 0.000000E+00 |
| 1020 | 145.152 | 9.12500 | 0.000000E+00 |
| 1021 | 145.152 | 2.12500 | 0.000000E+00 |
| 1022 | 147.485 | 9.12500 | 0.000000E+00 |
| 1023 | 150.007 | 9.12500 | 0.000000E+00 |
| 1024 | 150.007 | 2.12500 | 0.000000E+00 |
| 1025 | 152.340 | 9.12500 | 0.000000E+00 |
| 1026 | 154.862 | 9.12500 | 0.000000E+00 |
| 1027 | 154.862 | 2.12500 | 0.000000E+00 |
| 1028 | 157.195 | 9.12500 | 0.000000E+00 |
| 1029 | 159.717 | 9.12500 | 0.000000E+00 |
| 1030 | 159.717 | 2.12500 | 0.000000E+00 |
| 1031 | 162.050 | 9.12500 | 0.000000E+00 |
| 1032 | 164.572 | 9.12500 | 0.000000E+00 |
| 1033 | 164.572 | 2.12500 | 0.000000E+00 |
| 1034 | 166.905 | 9.12500 | 0.000000E+00 |
| 1035 | 169.427 | 9.12500 | 0.000000E+00 |
| 1036 | 169.427 | 2.12500 | 0.000000E+00 |
| 1037 | 171.760 | 9.12500 | 0.000000E+00 |
| 1038 | 174.282 | 9.12500 | 0.000000E+00 |
| 1039 | 174.282 | 2.12500 | 0.000000E+00 |
| 1040 | 176.615 | 9.12500 | 0.000000E+00 |
| 1041 | 183.994 | 9.12500 | 0.000000E+00 |
| 1042 | 183.994 | 2.12500 | 0.000000E+00 |
| 1043 | 186.327 | 9.12500 | 0.000000E+00 |
| 1044 | 188.851 | 9.12500 | 0.000000E+00 |
| 1045 | 188.851 | 2.12500 | 0.000000E+00 |
| 1046 | 191.184 | 9.12500 | 0.000000E+00 |
| 1047 | 193.708 | 9.12500 | 0.000000E+00 |
| 1048 | 193.708 | 2.12500 | 0.000000E+00 |
| 1049 | 196.041 | 9.12500 | 0.000000E+00 |
| 1050 | 198.565 | 9.12500 | 0.000000E+00 |
| 1051 | 198.565 | 2.12500 | 0.000000E+00 |
| 1052 | 200.898 | 9.12500 | 0.000000E+00 |
| 1053 | 203.422 | 9.12500 | 0.000000E+00 |
| 1054 | 203.422 | 2.12500 | 0.000000E+00 |
| 1055 | 205.755 | 9.12500 | 0.000000E+00 |
| 1056 | 208.279 | 9.12500 | 0.000000E+00 |
| 1057 | 208.279 | 2.12500 | 0.000000E+00 |
| 1058 | 210.612 | 9.12500 | 0.000000E+00 |
| 1059 | 213.136 | 9.12500 | 0.000000E+00 |
| 1060 | 213.136 | 2.12500 | 0.000000E+00 |
| 1061 | 215.469 | 9.12500 | 0.000000E+00 |
| 1062 | 217.993 | 9.12500 | 0.000000E+00 |
| 1063 | 217.993 | 2.12500 | 0.000000E+00 |
| 1064 | 220.326 | 9.12500 | 0.000000E+00 |
| 1065 | 222.850 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1066 | 222.850 | 2.12500 | 0.000000E+00 |
| 1067 | 225.183 | 9.12500 | 0.000000E+00 |
| 1068 | 232.565 | 9.12500 | 0.000000E+00 |
| 1069 | 232.565 | 2.12500 | 0.000000E+00 |
| 1070 | 234.898 | 9.12500 | 0.000000E+00 |
| 1071 | 237.423 | 9.12500 | 0.000000E+00 |
| 1072 | 237.423 | 2.12500 | 0.000000E+00 |
| 1073 | 239.756 | 9.12500 | 0.000000E+00 |
| 1074 | 242.281 | 9.12500 | 0.000000E+00 |
| 1075 | 242.281 | 2.12500 | 0.000000E+00 |
| 1076 | 244.614 | 9.12500 | 0.000000E+00 |
| 1077 | 247.139 | 9.12500 | 0.000000E+00 |
| 1078 | 247.139 | 2.12500 | 0.000000E+00 |
| 1079 | 249.472 | 9.12500 | 0.000000E+00 |
| 1080 | 251.997 | 9.12500 | 0.000000E+00 |
| 1081 | 251.997 | 2.12500 | 0.000000E+00 |
| 1082 | 254.330 | 9.12500 | 0.000000E+00 |
| 1083 | 256.855 | 9.12500 | 0.000000E+00 |
| 1084 | 256.855 | 2.12500 | 0.000000E+00 |
| 1085 | 259.188 | 9.12500 | 0.000000E+00 |
| 1086 | 261.713 | 9.12500 | 0.000000E+00 |
| 1087 | 261.713 | 2.12500 | 0.000000E+00 |
| 1088 | 264.046 | 9.12500 | 0.000000E+00 |
| 1089 | 266.571 | 9.12500 | 0.000000E+00 |
| 1090 | 266.571 | 2.12500 | 0.000000E+00 |
| 1091 | 268.904 | 9.12500 | 0.000000E+00 |
| 1092 | 271.429 | 9.12500 | 0.000000E+00 |
| 1093 | 271.429 | 2.12500 | 0.000000E+00 |
| 1094 | 273.762 | 9.12500 | 0.000000E+00 |
| 1095 | 281.146 | 9.12500 | 0.000000E+00 |
| 1096 | 281.146 | 2.12500 | 0.000000E+00 |
| 1097 | 283.479 | 9.12500 | 0.000000E+00 |
| 1098 | 286.005 | 9.12500 | 0.000000E+00 |
| 1099 | 286.005 | 2.12500 | 0.000000E+00 |
| 1100 | 288.338 | 9.12500 | 0.000000E+00 |
| 1101 | 290.864 | 9.12500 | 0.000000E+00 |
| 1102 | 290.864 | 2.12500 | 0.000000E+00 |
| 1103 | 293.197 | 9.12500 | 0.000000E+00 |
| 1104 | 295.723 | 9.12500 | 0.000000E+00 |
| 1105 | 295.723 | 2.12500 | 0.000000E+00 |
| 1106 | 298.056 | 9.12500 | 0.000000E+00 |
| 1107 | 300.582 | 9.12500 | 0.000000E+00 |
| 1108 | 300.582 | 2.12500 | 0.000000E+00 |
| 1109 | 302.915 | 9.12500 | 0.000000E+00 |
| 1110 | 305.441 | 9.12500 | 0.000000E+00 |
| 1111 | 305.441 | 2.12500 | 0.000000E+00 |
| 1112 | 307.774 | 9.12500 | 0.000000E+00 |
| 1113 | 310.300 | 9.12500 | 0.000000E+00 |
| 1114 | 310.300 | 2.12500 | 0.000000E+00 |
| 1115 | 312.633 | 9.12500 | 0.000000E+00 |
| 1116 | 315.159 | 9.12500 | 0.000000E+00 |
| 1117 | 315.159 | 2.12500 | 0.000000E+00 |
| 1118 | 317.492 | 9.12500 | 0.000000E+00 |
| 1119 | 320.018 | 9.12500 | 0.000000E+00 |
| 1120 | 320.018 | 2.12500 | 0.000000E+00 |
| 1121 | 322.351 | 9.12500 | 0.000000E+00 |
| 1122 | 329.747 | 9.12500 | 0.000000E+00 |
| 1123 | 329.747 | 2.12500 | 0.000000E+00 |
| 1124 | 332.080 | 9.12500 | 0.000000E+00 |
| 1125 | 334.617 | 9.12500 | 0.000000E+00 |
| 1126 | 334.617 | 2.12500 | 0.000000E+00 |
| 1127 | 336.951 | 9.12500 | 0.000000E+00 |
| 1128 | 339.487 | 9.12500 | 0.000000E+00 |
| 1129 | 339.487 | 2.12500 | 0.000000E+00 |
| 1130 | 341.821 | 9.12500 | 0.000000E+00 |
| 1131 | 344.357 | 9.12500 | 0.000000E+00 |
| 1132 | 344.357 | 2.12500 | 0.000000E+00 |
| 1133 | 346.691 | 9.12500 | 0.000000E+00 |
| 1134 | 349.227 | 9.12500 | 0.000000E+00 |
| 1135 | 349.227 | 2.12500 | 0.000000E+00 |
| 1136 | 351.561 | 9.12500 | 0.000000E+00 |
| 1137 | 354.098 | 9.12500 | 0.000000E+00 |
| 1138 | 354.098 | 2.12500 | 0.000000E+00 |
| 1139 | 356.431 | 9.12500 | 0.000000E+00 |
| 1140 | 358.968 | 9.12500 | 0.000000E+00 |
| 1141 | 358.968 | 2.12500 | 0.000000E+00 |
| 1142 | 361.301 | 9.12500 | 0.000000E+00 |
| 1143 | 363.838 | 9.12500 | 0.000000E+00 |
| 1144 | 363.838 | 2.12500 | 0.000000E+00 |
| 1145 | 366.171 | 9.12500 | 0.000000E+00 |
| 1146 | 368.708 | 9.12500 | 0.000000E+00 |
| 1147 | 368.708 | 2.12500 | 0.000000E+00 |
| 1148 | 371.041 | 9.12500 | 0.000000E+00 |
| 1149 | -323.444 | 9.12500 | 0.000000E+00 |
| 1150 | -274.854 | 9.12500 | 0.000000E+00 |
| 1151 | -226.274 | 9.12500 | 0.000000E+00 |
| 1152 | -177.704 | 9.12500 | 0.000000E+00 |
| 1153 | -129.154 | 9.12500 | 0.000000E+00 |
| 1154 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1155 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1156 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1157 | 2.83333 | 9.12500 | 0.000000E+00 |
| 1158 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1159 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1160 | 132.920 | 9.12500 | 0.000000E+00 |
| 1161 | 181.470 | 9.12500 | 0.000000E+00 |
| 1162 | 230.040 | 9.12500 | 0.000000E+00 |
| 1163 | -357.476 | 9.12500 | 0.000000E+00 |
| 1164 | 278.620 | 9.12500 | 0.000000E+00 |
| 1165 | 327.210 | 9.12500 | 0.000000E+00 |
| 1166 | 375.911 | 9.12500 | 0.000000E+00 |
| 1167 | -352.614 | 9.12500 | 0.000000E+00 |
| 1168 | -347.752 | 9.12500 | 0.000000E+00 |
| 1169 | -342.891 | 9.12500 | 0.000000E+00 |
| 1170 | -338.029 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1171 | -333.167 | 9.12500 | 0.000000E+00 |
| 1172 | -328.305 | 9.12500 | 0.000000E+00 |
| 1173 | -27.3927 | 9.12500 | 0.000000E+00 |
| 1174 | -22.6717 | 9.12500 | 0.000000E+00 |
| 1175 | -17.9507 | 9.12500 | 0.000000E+00 |
| 1176 | -13.2297 | 9.12500 | 0.000000E+00 |
| 1177 | -8.50867 | 9.12500 | 0.000000E+00 |
| 1178 | -3.78767 | 9.12500 | 0.000000E+00 |
| 1179 | 7.55433 | 9.12500 | 0.000000E+00 |
| 1180 | 12.2753 | 9.12500 | 0.000000E+00 |
| 1181 | 16.9963 | 9.12500 | 0.000000E+00 |
| 1182 | 21.7173 | 9.12500 | 0.000000E+00 |
| 1183 | 26.4383 | 9.12500 | 0.000000E+00 |
| 1184 | 31.1593 | 9.12500 | 0.000000E+00 |
| 1185 | 380.773 | 9.12500 | 0.000000E+00 |
| 1186 | 385.635 | 9.12500 | 0.000000E+00 |
| 1187 | 390.496 | 9.12500 | 0.000000E+00 |
| 1188 | 395.358 | 9.12500 | 0.000000E+00 |
| 1189 | 400.220 | 9.12500 | 0.000000E+00 |
| 1190 | 405.082 | 9.12500 | 0.000000E+00 |
| 1191 | -318.585 | 9.12500 | 0.000000E+00 |
| 1192 | -313.726 | 9.12500 | 0.000000E+00 |
| 1193 | -308.867 | 9.12500 | 0.000000E+00 |
| 1194 | -304.008 | 9.12500 | 0.000000E+00 |
| 1195 | -299.149 | 9.12500 | 0.000000E+00 |
| 1196 | -294.290 | 9.12500 | 0.000000E+00 |
| 1197 | -289.431 | 9.12500 | 0.000000E+00 |
| 1198 | -284.572 | 9.12500 | 0.000000E+00 |
| 1199 | -279.713 | 9.12500 | 0.000000E+00 |
| 1200 | -269.996 | 9.12500 | 0.000000E+00 |
| 1201 | -265.138 | 9.12500 | 0.000000E+00 |
| 1202 | -260.280 | 9.12500 | 0.000000E+00 |
| 1203 | -255.422 | 9.12500 | 0.000000E+00 |
| 1204 | -250.564 | 9.12500 | 0.000000E+00 |
| 1205 | -245.706 | 9.12500 | 0.000000E+00 |
| 1206 | -240.848 | 9.12500 | 0.000000E+00 |
| 1207 | -235.990 | 9.12500 | 0.000000E+00 |
| 1208 | -231.132 | 9.12500 | 0.000000E+00 |
| 1209 | -221.417 | 9.12500 | 0.000000E+00 |
| 1210 | -216.560 | 9.12500 | 0.000000E+00 |
| 1211 | -211.703 | 9.12500 | 0.000000E+00 |
| 1212 | -206.846 | 9.12500 | 0.000000E+00 |
| 1213 | -201.989 | 9.12500 | 0.000000E+00 |
| 1214 | -197.132 | 9.12500 | 0.000000E+00 |
| 1215 | -192.275 | 9.12500 | 0.000000E+00 |
| 1216 | -187.418 | 9.12500 | 0.000000E+00 |
| 1217 | -182.561 | 9.12500 | 0.000000E+00 |
| 1218 | -172.849 | 9.12500 | 0.000000E+00 |
| 1219 | -167.994 | 9.12500 | 0.000000E+00 |
| 1220 | -163.139 | 9.12500 | 0.000000E+00 |
| 1221 | -158.284 | 9.12500 | 0.000000E+00 |
| 1222 | -153.429 | 9.12500 | 0.000000E+00 |
| 1223 | -148.574 | 9.12500 | 0.000000E+00 |
| 1224 | -143.719 | 9.12500 | 0.000000E+00 |
| 1225 | -138.864 | 9.12500 | 0.000000E+00 |
| 1226 | -134.009 | 9.12500 | 0.000000E+00 |
| 1227 | -124.301 | 9.12500 | 0.000000E+00 |
| 1228 | -119.448 | 9.12500 | 0.000000E+00 |
| 1229 | -114.595 | 9.12500 | 0.000000E+00 |
| 1230 | -109.742 | 9.12500 | 0.000000E+00 |
| 1231 | -104.889 | 9.12500 | 0.000000E+00 |
| 1232 | -100.036 | 9.12500 | 0.000000E+00 |
| 1233 | -95.1827 | 9.12500 | 0.000000E+00 |
| 1234 | -90.3297 | 9.12500 | 0.000000E+00 |
| 1235 | -85.4767 | 9.12500 | 0.000000E+00 |
| 1236 | -75.7727 | 9.12500 | 0.000000E+00 |
| 1237 | -70.9217 | 9.12500 | 0.000000E+00 |
| 1238 | -66.0707 | 9.12500 | 0.000000E+00 |
| 1239 | -61.2197 | 9.12500 | 0.000000E+00 |
| 1240 | -56.3687 | 9.12500 | 0.000000E+00 |
| 1241 | -51.5177 | 9.12500 | 0.000000E+00 |
| 1242 | -46.6667 | 9.12500 | 0.000000E+00 |
| 1243 | -41.8157 | 9.12500 | 0.000000E+00 |
| 1244 | -36.9647 | 9.12500 | 0.000000E+00 |
| 1245 | 40.7313 | 9.12500 | 0.000000E+00 |
| 1246 | 45.5823 | 9.12500 | 0.000000E+00 |
| 1247 | 50.4333 | 9.12500 | 0.000000E+00 |
| 1248 | 55.2843 | 9.12500 | 0.000000E+00 |
| 1249 | 60.1353 | 9.12500 | 0.000000E+00 |
| 1250 | 64.9863 | 9.12500 | 0.000000E+00 |
| 1251 | 69.8373 | 9.12500 | 0.000000E+00 |
| 1252 | 74.6883 | 9.12500 | 0.000000E+00 |
| 1253 | 79.5393 | 9.12500 | 0.000000E+00 |
| 1254 | 89.2433 | 9.12500 | 0.000000E+00 |
| 1255 | 94.0963 | 9.12500 | 0.000000E+00 |
| 1256 | 98.9493 | 9.12500 | 0.000000E+00 |
| 1257 | 103.802 | 9.12500 | 0.000000E+00 |
| 1258 | 108.655 | 9.12500 | 0.000000E+00 |
| 1259 | 113.508 | 9.12500 | 0.000000E+00 |
| 1260 | 118.361 | 9.12500 | 0.000000E+00 |
| 1261 | 123.214 | 9.12500 | 0.000000E+00 |
| 1262 | 128.067 | 9.12500 | 0.000000E+00 |
| 1263 | 137.775 | 9.12500 | 0.000000E+00 |
| 1264 | 142.630 | 9.12500 | 0.000000E+00 |
| 1265 | 147.485 | 9.12500 | 0.000000E+00 |
| 1266 | 152.340 | 9.12500 | 0.000000E+00 |
| 1267 | 157.195 | 9.12500 | 0.000000E+00 |
| 1268 | 162.050 | 9.12500 | 0.000000E+00 |
| 1269 | 166.905 | 9.12500 | 0.000000E+00 |
| 1270 | 171.760 | 9.12500 | 0.000000E+00 |
| 1271 | 176.615 | 9.12500 | 0.000000E+00 |
| 1272 | 186.327 | 9.12500 | 0.000000E+00 |
| 1273 | 191.184 | 9.12500 | 0.000000E+00 |
| 1274 | 196.041 | 9.12500 | 0.000000E+00 |
| 1275 | 200.898 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1276 | 205.755 | 9.12500 | 0.000000E+00 |
| 1277 | 210.612 | 9.12500 | 0.000000E+00 |
| 1278 | 215.469 | 9.12500 | 0.000000E+00 |
| 1279 | 220.326 | 9.12500 | 0.000000E+00 |
| 1280 | 225.183 | 9.12500 | 0.000000E+00 |
| 1281 | 234.898 | 9.12500 | 0.000000E+00 |
| 1282 | 239.756 | 9.12500 | 0.000000E+00 |
| 1283 | 244.614 | 9.12500 | 0.000000E+00 |
| 1284 | 249.472 | 9.12500 | 0.000000E+00 |
| 1285 | 254.330 | 9.12500 | 0.000000E+00 |
| 1286 | 259.188 | 9.12500 | 0.000000E+00 |
| 1287 | 264.046 | 9.12500 | 0.000000E+00 |
| 1288 | 268.904 | 9.12500 | 0.000000E+00 |
| 1289 | 273.762 | 9.12500 | 0.000000E+00 |
| 1290 | 283.479 | 9.12500 | 0.000000E+00 |
| 1291 | 288.338 | 9.12500 | 0.000000E+00 |
| 1292 | 293.197 | 9.12500 | 0.000000E+00 |
| 1293 | 298.056 | 9.12500 | 0.000000E+00 |
| 1294 | 302.915 | 9.12500 | 0.000000E+00 |
| 1295 | 307.774 | 9.12500 | 0.000000E+00 |
| 1296 | 312.633 | 9.12500 | 0.000000E+00 |
| 1297 | 317.492 | 9.12500 | 0.000000E+00 |
| 1298 | 322.351 | 9.12500 | 0.000000E+00 |
| 1299 | 332.080 | 9.12500 | 0.000000E+00 |
| 1300 | 336.951 | 9.12500 | 0.000000E+00 |
| 1301 | 341.821 | 9.12500 | 0.000000E+00 |
| 1302 | 346.691 | 9.12500 | 0.000000E+00 |
| 1303 | 351.561 | 9.12500 | 0.000000E+00 |
| 1304 | 356.431 | 9.12500 | 0.000000E+00 |
| 1305 | 361.301 | 9.12500 | 0.000000E+00 |
| 1306 | 366.171 | 9.12500 | 0.000000E+00 |
| 1307 | 371.041 | 9.12500 | 0.000000E+00 |
| 1308 | -323.444 | 9.12500 | 0.000000E+00 |
| 1309 | -274.854 | 9.12500 | 0.000000E+00 |
| 1310 | -226.274 | 9.12500 | 0.000000E+00 |
| 1311 | -177.704 | 9.12500 | 0.000000E+00 |
| 1312 | -129.154 | 9.12500 | 0.000000E+00 |
| 1313 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1314 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1315 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1316 | 2.83333 | 9.12500 | 0.000000E+00 |
| 1317 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1318 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1319 | 132.920 | 9.12500 | 0.000000E+00 |
| 1320 | 181.470 | 9.12500 | 0.000000E+00 |
| 1321 | 230.040 | 9.12500 | 0.000000E+00 |
| 1322 | -359.809 | 0.000000E+00 | 0.000000E+00 |
| 1323 | -358.809 | 2.12500 | 0.000000E+00 |
| 1324 | 276.287 | 0.000000E+00 | 0.000000E+00 |
| 1325 | 277.287 | 2.12500 | 0.000000E+00 |
| 1326 | 324.877 | 0.000000E+00 | 0.000000E+00 |
| 1327 | 325.877 | 2.12500 | 0.000000E+00 |
| 1328 | -354.947 | 0.000000E+00 | 0.000000E+00 |
| 1329 | -353.947 | 2.12500 | 0.000000E+00 |
| 1330 | -350.086 | 0.000000E+00 | 0.000000E+00 |
| 1331 | -349.086 | 2.12500 | 0.000000E+00 |
| 1332 | -345.224 | 0.000000E+00 | 0.000000E+00 |
| 1333 | -344.224 | 2.12500 | 0.000000E+00 |
| 1334 | -340.362 | 0.000000E+00 | 0.000000E+00 |
| 1335 | -339.362 | 2.12500 | 0.000000E+00 |
| 1336 | -335.500 | 0.000000E+00 | 0.000000E+00 |
| 1337 | -334.500 | 2.12500 | 0.000000E+00 |
| 1338 | -330.639 | 0.000000E+00 | 0.000000E+00 |
| 1339 | -329.639 | 2.12500 | 0.000000E+00 |
| 1340 | -29.7260 | 0.000000E+00 | 0.000000E+00 |
| 1341 | -28.7260 | 2.12500 | 0.000000E+00 |
| 1342 | -25.0050 | 0.000000E+00 | 0.000000E+00 |
| 1343 | -24.0050 | 2.12500 | 0.000000E+00 |
| 1344 | -20.2840 | 0.000000E+00 | 0.000000E+00 |
| 1345 | -19.2840 | 2.12500 | 0.000000E+00 |
| 1346 | -15.5630 | 0.000000E+00 | 0.000000E+00 |
| 1347 | -14.5630 | 2.12500 | 0.000000E+00 |
| 1348 | -10.8420 | 0.000000E+00 | 0.000000E+00 |
| 1349 | -9.84200 | 2.12500 | 0.000000E+00 |
| 1350 | -6.12100 | 0.000000E+00 | 0.000000E+00 |
| 1351 | -5.12100 | 2.12500 | 0.000000E+00 |
| 1352 | 5.22100 | 0.000000E+00 | 0.000000E+00 |
| 1353 | 6.22100 | 2.12500 | 0.000000E+00 |
| 1354 | 9.94200 | 0.000000E+00 | 0.000000E+00 |
| 1355 | 10.9420 | 2.12500 | 0.000000E+00 |
| 1356 | 14.6630 | 0.000000E+00 | 0.000000E+00 |
| 1357 | 15.6630 | 2.12500 | 0.000000E+00 |
| 1358 | 19.3840 | 0.000000E+00 | 0.000000E+00 |
| 1359 | 20.3840 | 2.12500 | 0.000000E+00 |
| 1360 | 24.1050 | 0.000000E+00 | 0.000000E+00 |
| 1361 | 25.1050 | 2.12500 | 0.000000E+00 |
| 1362 | 28.8260 | 0.000000E+00 | 0.000000E+00 |
| 1363 | 29.8260 | 2.12500 | 0.000000E+00 |
| 1364 | -320.918 | 0.000000E+00 | 0.000000E+00 |
| 1365 | -319.918 | 2.12500 | 0.000000E+00 |
| 1366 | -316.059 | 0.000000E+00 | 0.000000E+00 |
| 1367 | -315.059 | 2.12500 | 0.000000E+00 |
| 1368 | -311.200 | 0.000000E+00 | 0.000000E+00 |
| 1369 | -310.200 | 2.12500 | 0.000000E+00 |
| 1370 | -306.341 | 0.000000E+00 | 0.000000E+00 |
| 1371 | -305.341 | 2.12500 | 0.000000E+00 |
| 1372 | -301.482 | 0.000000E+00 | 0.000000E+00 |
| 1373 | -300.482 | 2.12500 | 0.000000E+00 |
| 1374 | -296.623 | 0.000000E+00 | 0.000000E+00 |
| 1375 | -295.623 | 2.12500 | 0.000000E+00 |
| 1376 | -291.764 | 0.000000E+00 | 0.000000E+00 |
| 1377 | -290.764 | 2.12500 | 0.000000E+00 |
| 1378 | -286.905 | 0.000000E+00 | 0.000000E+00 |
| 1379 | -285.905 | 2.12500 | 0.000000E+00 |
| 1380 | -282.046 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1381 | -281.046 | 2.12500 | 0.000000E+00 |
| 1382 | -272.329 | 0.000000E+00 | 0.000000E+00 |
| 1383 | -271.329 | 2.12500 | 0.000000E+00 |
| 1384 | -267.471 | 0.000000E+00 | 0.000000E+00 |
| 1385 | -266.471 | 2.12500 | 0.000000E+00 |
| 1386 | -262.613 | 0.000000E+00 | 0.000000E+00 |
| 1387 | -261.613 | 2.12500 | 0.000000E+00 |
| 1388 | -257.755 | 0.000000E+00 | 0.000000E+00 |
| 1389 | -256.755 | 2.12500 | 0.000000E+00 |
| 1390 | -252.897 | 0.000000E+00 | 0.000000E+00 |
| 1391 | -251.897 | 2.12500 | 0.000000E+00 |
| 1392 | -248.039 | 0.000000E+00 | 0.000000E+00 |
| 1393 | -247.039 | 2.12500 | 0.000000E+00 |
| 1394 | -243.181 | 0.000000E+00 | 0.000000E+00 |
| 1395 | -242.181 | 2.12500 | 0.000000E+00 |
| 1396 | -238.323 | 0.000000E+00 | 0.000000E+00 |
| 1397 | -237.323 | 2.12500 | 0.000000E+00 |
| 1398 | -233.465 | 0.000000E+00 | 0.000000E+00 |
| 1399 | -232.465 | 2.12500 | 0.000000E+00 |
| 1400 | -223.750 | 0.000000E+00 | 0.000000E+00 |
| 1401 | -222.750 | 2.12500 | 0.000000E+00 |
| 1402 | -218.893 | 0.000000E+00 | 0.000000E+00 |
| 1403 | -217.893 | 2.12500 | 0.000000E+00 |
| 1404 | -214.036 | 0.000000E+00 | 0.000000E+00 |
| 1405 | -213.036 | 2.12500 | 0.000000E+00 |
| 1406 | -209.179 | 0.000000E+00 | 0.000000E+00 |
| 1407 | -208.179 | 2.12500 | 0.000000E+00 |
| 1408 | -204.322 | 0.000000E+00 | 0.000000E+00 |
| 1409 | -203.322 | 2.12500 | 0.000000E+00 |
| 1410 | -199.465 | 0.000000E+00 | 0.000000E+00 |
| 1411 | -198.465 | 2.12500 | 0.000000E+00 |
| 1412 | -194.608 | 0.000000E+00 | 0.000000E+00 |
| 1413 | -193.608 | 2.12500 | 0.000000E+00 |
| 1414 | -189.751 | 0.000000E+00 | 0.000000E+00 |
| 1415 | -188.751 | 2.12500 | 0.000000E+00 |
| 1416 | -184.894 | 0.000000E+00 | 0.000000E+00 |
| 1417 | -183.894 | 2.12500 | 0.000000E+00 |
| 1418 | -175.182 | 0.000000E+00 | 0.000000E+00 |
| 1419 | -174.182 | 2.12500 | 0.000000E+00 |
| 1420 | -170.327 | 0.000000E+00 | 0.000000E+00 |
| 1421 | -169.327 | 2.12500 | 0.000000E+00 |
| 1422 | -165.472 | 0.000000E+00 | 0.000000E+00 |
| 1423 | -164.472 | 2.12500 | 0.000000E+00 |
| 1424 | -160.617 | 0.000000E+00 | 0.000000E+00 |
| 1425 | -159.617 | 2.12500 | 0.000000E+00 |
| 1426 | -155.762 | 0.000000E+00 | 0.000000E+00 |
| 1427 | -154.762 | 2.12500 | 0.000000E+00 |
| 1428 | -150.907 | 0.000000E+00 | 0.000000E+00 |
| 1429 | -149.907 | 2.12500 | 0.000000E+00 |
| 1430 | -146.052 | 0.000000E+00 | 0.000000E+00 |
| 1431 | -145.052 | 2.12500 | 0.000000E+00 |
| 1432 | -141.197 | 0.000000E+00 | 0.000000E+00 |
| 1433 | -140.197 | 2.12500 | 0.000000E+00 |
| 1434 | -136.342 | 0.000000E+00 | 0.000000E+00 |
| 1435 | -135.342 | 2.12500 | 0.000000E+00 |
| 1436 | -126.634 | 0.000000E+00 | 0.000000E+00 |
| 1437 | -125.634 | 2.12500 | 0.000000E+00 |
| 1438 | -121.781 | 0.000000E+00 | 0.000000E+00 |
| 1439 | -120.781 | 2.12500 | 0.000000E+00 |
| 1440 | -116.928 | 0.000000E+00 | 0.000000E+00 |
| 1441 | -115.928 | 2.12500 | 0.000000E+00 |
| 1442 | -112.075 | 0.000000E+00 | 0.000000E+00 |
| 1443 | -111.075 | 2.12500 | 0.000000E+00 |
| 1444 | -107.222 | 0.000000E+00 | 0.000000E+00 |
| 1445 | -106.222 | 2.12500 | 0.000000E+00 |
| 1446 | -102.369 | 0.000000E+00 | 0.000000E+00 |
| 1447 | -101.369 | 2.12500 | 0.000000E+00 |
| 1448 | -97.5160 | 0.000000E+00 | 0.000000E+00 |
| 1449 | -96.5160 | 2.12500 | 0.000000E+00 |
| 1450 | -92.6630 | 0.000000E+00 | 0.000000E+00 |
| 1451 | -91.6630 | 2.12500 | 0.000000E+00 |
| 1452 | -87.8100 | 0.000000E+00 | 0.000000E+00 |
| 1453 | -86.8100 | 2.12500 | 0.000000E+00 |
| 1454 | -78.1060 | 0.000000E+00 | 0.000000E+00 |
| 1455 | -77.1060 | 2.12500 | 0.000000E+00 |
| 1456 | -73.2550 | 0.000000E+00 | 0.000000E+00 |
| 1457 | -72.2550 | 2.12500 | 0.000000E+00 |
| 1458 | -68.4040 | 0.000000E+00 | 0.000000E+00 |
| 1459 | -67.4040 | 2.12500 | 0.000000E+00 |
| 1460 | -63.5530 | 0.000000E+00 | 0.000000E+00 |
| 1461 | -62.5530 | 2.12500 | 0.000000E+00 |
| 1462 | -58.7020 | 0.000000E+00 | 0.000000E+00 |
| 1463 | -57.7020 | 2.12500 | 0.000000E+00 |
| 1464 | -53.8510 | 0.000000E+00 | 0.000000E+00 |
| 1465 | -52.8510 | 2.12500 | 0.000000E+00 |
| 1466 | -49.0000 | 0.000000E+00 | 0.000000E+00 |
| 1467 | -48.0000 | 2.12500 | 0.000000E+00 |
| 1468 | -44.1490 | 0.000000E+00 | 0.000000E+00 |
| 1469 | -43.1490 | 2.12500 | 0.000000E+00 |
| 1470 | -39.2980 | 0.000000E+00 | 0.000000E+00 |
| 1471 | -38.2980 | 2.12500 | 0.000000E+00 |
| 1472 | 38.3980 | 0.000000E+00 | 0.000000E+00 |
| 1473 | 39.3980 | 2.12500 | 0.000000E+00 |
| 1474 | 43.2490 | 0.000000E+00 | 0.000000E+00 |
| 1475 | 44.2490 | 2.12500 | 0.000000E+00 |
| 1476 | 48.1000 | 0.000000E+00 | 0.000000E+00 |
| 1477 | 49.1000 | 2.12500 | 0.000000E+00 |
| 1478 | 52.9510 | 0.000000E+00 | 0.000000E+00 |
| 1479 | 53.9510 | 2.12500 | 0.000000E+00 |
| 1480 | 57.8020 | 0.000000E+00 | 0.000000E+00 |
| 1481 | 58.8020 | 2.12500 | 0.000000E+00 |
| 1482 | 62.6530 | 0.000000E+00 | 0.000000E+00 |
| 1483 | 63.6530 | 2.12500 | 0.000000E+00 |
| 1484 | 67.5040 | 0.000000E+00 | 0.000000E+00 |
| 1485 | 68.5040 | 2.12500 | 0.000000E+00 |

| | | | |
|------|---------|--------------|--------------|
| 1486 | 72.3550 | 0.000000E+00 | 0.000000E+00 |
| 1487 | 73.3550 | 2.12500 | 0.000000E+00 |
| 1488 | 77.2060 | 0.000000E+00 | 0.000000E+00 |
| 1489 | 78.2060 | 2.12500 | 0.000000E+00 |
| 1490 | 86.9100 | 0.000000E+00 | 0.000000E+00 |
| 1491 | 87.9100 | 2.12500 | 0.000000E+00 |
| 1492 | 91.7630 | 0.000000E+00 | 0.000000E+00 |
| 1493 | 92.7630 | 2.12500 | 0.000000E+00 |
| 1494 | 96.6160 | 0.000000E+00 | 0.000000E+00 |
| 1495 | 97.6160 | 2.12500 | 0.000000E+00 |
| 1496 | 101.469 | 0.000000E+00 | 0.000000E+00 |
| 1497 | 102.469 | 2.12500 | 0.000000E+00 |
| 1498 | 106.322 | 0.000000E+00 | 0.000000E+00 |
| 1499 | 107.322 | 2.12500 | 0.000000E+00 |
| 1500 | 111.175 | 0.000000E+00 | 0.000000E+00 |
| 1501 | 112.175 | 2.12500 | 0.000000E+00 |
| 1502 | 116.028 | 0.000000E+00 | 0.000000E+00 |
| 1503 | 117.028 | 2.12500 | 0.000000E+00 |
| 1504 | 120.881 | 0.000000E+00 | 0.000000E+00 |
| 1505 | 121.881 | 2.12500 | 0.000000E+00 |
| 1506 | 125.734 | 0.000000E+00 | 0.000000E+00 |
| 1507 | 126.734 | 2.12500 | 0.000000E+00 |
| 1508 | 135.442 | 0.000000E+00 | 0.000000E+00 |
| 1509 | 136.442 | 2.12500 | 0.000000E+00 |
| 1510 | 140.297 | 0.000000E+00 | 0.000000E+00 |
| 1511 | 141.297 | 2.12500 | 0.000000E+00 |
| 1512 | 145.152 | 0.000000E+00 | 0.000000E+00 |
| 1513 | 146.152 | 2.12500 | 0.000000E+00 |
| 1514 | 150.007 | 0.000000E+00 | 0.000000E+00 |
| 1515 | 151.007 | 2.12500 | 0.000000E+00 |
| 1516 | 154.862 | 0.000000E+00 | 0.000000E+00 |
| 1517 | 155.862 | 2.12500 | 0.000000E+00 |
| 1518 | 159.717 | 0.000000E+00 | 0.000000E+00 |
| 1519 | 160.717 | 2.12500 | 0.000000E+00 |
| 1520 | 164.572 | 0.000000E+00 | 0.000000E+00 |
| 1521 | 165.572 | 2.12500 | 0.000000E+00 |
| 1522 | 169.427 | 0.000000E+00 | 0.000000E+00 |
| 1523 | 170.427 | 2.12500 | 0.000000E+00 |
| 1524 | 174.282 | 0.000000E+00 | 0.000000E+00 |
| 1525 | 175.282 | 2.12500 | 0.000000E+00 |
| 1526 | 183.994 | 0.000000E+00 | 0.000000E+00 |
| 1527 | 184.994 | 2.12500 | 0.000000E+00 |
| 1528 | 188.851 | 0.000000E+00 | 0.000000E+00 |
| 1529 | 189.851 | 2.12500 | 0.000000E+00 |
| 1530 | 193.708 | 0.000000E+00 | 0.000000E+00 |
| 1531 | 194.708 | 2.12500 | 0.000000E+00 |
| 1532 | 198.565 | 0.000000E+00 | 0.000000E+00 |
| 1533 | 199.565 | 2.12500 | 0.000000E+00 |
| 1534 | 203.422 | 0.000000E+00 | 0.000000E+00 |
| 1535 | 204.422 | 2.12500 | 0.000000E+00 |
| 1536 | 208.279 | 0.000000E+00 | 0.000000E+00 |
| 1537 | 209.279 | 2.12500 | 0.000000E+00 |
| 1538 | 213.136 | 0.000000E+00 | 0.000000E+00 |
| 1539 | 214.136 | 2.12500 | 0.000000E+00 |
| 1540 | 217.993 | 0.000000E+00 | 0.000000E+00 |
| 1541 | 218.993 | 2.12500 | 0.000000E+00 |
| 1542 | 222.850 | 0.000000E+00 | 0.000000E+00 |
| 1543 | 223.850 | 2.12500 | 0.000000E+00 |
| 1544 | 232.565 | 0.000000E+00 | 0.000000E+00 |
| 1545 | 233.565 | 2.12500 | 0.000000E+00 |
| 1546 | 237.423 | 0.000000E+00 | 0.000000E+00 |
| 1547 | 238.423 | 2.12500 | 0.000000E+00 |
| 1548 | 242.281 | 0.000000E+00 | 0.000000E+00 |
| 1549 | 243.281 | 2.12500 | 0.000000E+00 |
| 1550 | 247.139 | 0.000000E+00 | 0.000000E+00 |
| 1551 | 248.139 | 2.12500 | 0.000000E+00 |
| 1552 | 251.997 | 0.000000E+00 | 0.000000E+00 |
| 1553 | 252.997 | 2.12500 | 0.000000E+00 |
| 1554 | 256.855 | 0.000000E+00 | 0.000000E+00 |
| 1555 | 257.855 | 2.12500 | 0.000000E+00 |
| 1556 | 261.713 | 0.000000E+00 | 0.000000E+00 |
| 1557 | 262.713 | 2.12500 | 0.000000E+00 |
| 1558 | 266.571 | 0.000000E+00 | 0.000000E+00 |
| 1559 | 267.571 | 2.12500 | 0.000000E+00 |
| 1560 | 271.429 | 0.000000E+00 | 0.000000E+00 |
| 1561 | 272.429 | 2.12500 | 0.000000E+00 |
| 1562 | 281.146 | 0.000000E+00 | 0.000000E+00 |
| 1563 | 282.146 | 2.12500 | 0.000000E+00 |
| 1564 | 286.005 | 0.000000E+00 | 0.000000E+00 |
| 1565 | 287.005 | 2.12500 | 0.000000E+00 |
| 1566 | 290.864 | 0.000000E+00 | 0.000000E+00 |
| 1567 | 291.864 | 2.12500 | 0.000000E+00 |
| 1568 | 295.723 | 0.000000E+00 | 0.000000E+00 |
| 1569 | 296.723 | 2.12500 | 0.000000E+00 |
| 1570 | 300.582 | 0.000000E+00 | 0.000000E+00 |
| 1571 | 301.582 | 2.12500 | 0.000000E+00 |
| 1572 | 305.441 | 0.000000E+00 | 0.000000E+00 |
| 1573 | 306.441 | 2.12500 | 0.000000E+00 |
| 1574 | 310.300 | 0.000000E+00 | 0.000000E+00 |
| 1575 | 311.300 | 2.12500 | 0.000000E+00 |
| 1576 | 315.159 | 0.000000E+00 | 0.000000E+00 |
| 1577 | 316.159 | 2.12500 | 0.000000E+00 |
| 1578 | 320.018 | 0.000000E+00 | 0.000000E+00 |
| 1579 | 321.018 | 2.12500 | 0.000000E+00 |
| 1580 | 329.747 | 0.000000E+00 | 0.000000E+00 |
| 1581 | 330.747 | 2.12500 | 0.000000E+00 |
| 1582 | 334.617 | 0.000000E+00 | 0.000000E+00 |
| 1583 | 335.617 | 2.12500 | 0.000000E+00 |
| 1584 | 339.487 | 0.000000E+00 | 0.000000E+00 |
| 1585 | 340.487 | 2.12500 | 0.000000E+00 |
| 1586 | 344.357 | 0.000000E+00 | 0.000000E+00 |
| 1587 | 345.357 | 2.12500 | 0.000000E+00 |
| 1588 | 349.227 | 0.000000E+00 | 0.000000E+00 |
| 1589 | 350.227 | 2.12500 | 0.000000E+00 |
| 1590 | 354.098 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|-----------|--------------|--------------|
| 1591 | 355.098 | 2.12500 | 0.000000E+00 |
| 1592 | 358.968 | 0.000000E+00 | 0.000000E+00 |
| 1593 | 359.968 | 2.12500 | 0.000000E+00 |
| 1594 | 363.838 | 0.000000E+00 | 0.000000E+00 |
| 1595 | 364.838 | 2.12500 | 0.000000E+00 |
| 1596 | 368.708 | 0.000000E+00 | 0.000000E+00 |
| 1597 | 369.708 | 2.12500 | 0.000000E+00 |
| 1598 | -325.777 | 0.000000E+00 | 0.000000E+00 |
| 1599 | -324.777 | 2.12500 | 0.000000E+00 |
| 1600 | -277.187 | 0.000000E+00 | 0.000000E+00 |
| 1601 | -276.187 | 2.12500 | 0.000000E+00 |
| 1602 | -228.607 | 0.000000E+00 | 0.000000E+00 |
| 1603 | -227.607 | 2.12500 | 0.000000E+00 |
| 1604 | -180.037 | 0.000000E+00 | 0.000000E+00 |
| 1605 | -179.037 | 2.12500 | 0.000000E+00 |
| 1606 | -131.487 | 0.000000E+00 | 0.000000E+00 |
| 1607 | -130.487 | 2.12500 | 0.000000E+00 |
| 1608 | -82.9570 | 0.000000E+00 | 0.000000E+00 |
| 1609 | -81.9570 | 2.12500 | 0.000000E+00 |
| 1610 | -34.4470 | 0.000000E+00 | 0.000000E+00 |
| 1611 | -33.4470 | 2.12500 | 0.000000E+00 |
| 1612 | -1.40000 | 0.000000E+00 | 0.000000E+00 |
| 1613 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1614 | 0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1615 | 1.50000 | 2.12500 | 0.000000E+00 |
| 1616 | 33.5470 | 0.000000E+00 | 0.000000E+00 |
| 1617 | 34.5470 | 2.12500 | 0.000000E+00 |
| 1618 | 82.0570 | 0.000000E+00 | 0.000000E+00 |
| 1619 | 83.0570 | 2.12500 | 0.000000E+00 |
| 1620 | 130.587 | 0.000000E+00 | 0.000000E+00 |
| 1621 | 131.587 | 2.12500 | 0.000000E+00 |
| 1622 | 179.137 | 0.000000E+00 | 0.000000E+00 |
| 1623 | 180.137 | 2.12500 | 0.000000E+00 |
| 1624 | 227.707 | 0.000000E+00 | 0.000000E+00 |
| 1625 | 228.707 | 2.12500 | 0.000000E+00 |
| 1626 | -0.500000 | 2.12500 | 0.000000E+00 |
| 1627 | -0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1628 | 0.500000 | 2.12500 | 0.000000E+00 |
| 1629 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1630 | -0.400000 | 0.000000E+00 | 0.000000E+00 |
| 1631 | 0.600000 | 2.12500 | 0.000000E+00 |
| 1632 | -360.409 | 2.12500 | 0.000000E+00 |
| 1633 | -360.409 | 0.000000E+00 | 0.000000E+00 |
| 1634 | -359.409 | 2.12500 | 0.000000E+00 |
| 1635 | 408.210 | 2.12500 | 0.000000E+00 |
| 1636 | 408.210 | -1.17000 | 0.000000E+00 |
| 1637 | 409.308 | 2.12500 | 0.000000E+00 |
| 1638 | -359.809 | 11.2500 | 0.000000E+00 |
| 1639 | -360.809 | 9.12500 | 0.000000E+00 |
| 1640 | 276.287 | 11.2500 | 0.000000E+00 |
| 1641 | 275.287 | 9.12500 | 0.000000E+00 |
| 1642 | 324.877 | 11.2500 | 0.000000E+00 |
| 1643 | 323.877 | 9.12500 | 0.000000E+00 |
| 1644 | -354.947 | 11.2500 | 0.000000E+00 |
| 1645 | -355.947 | 9.12500 | 0.000000E+00 |
| 1646 | -350.086 | 11.2500 | 0.000000E+00 |
| 1647 | -351.086 | 9.12500 | 0.000000E+00 |
| 1648 | -345.224 | 11.2500 | 0.000000E+00 |
| 1649 | -346.224 | 9.12500 | 0.000000E+00 |
| 1650 | -340.362 | 11.2500 | 0.000000E+00 |
| 1651 | -341.362 | 9.12500 | 0.000000E+00 |
| 1652 | -335.500 | 11.2500 | 0.000000E+00 |
| 1653 | -336.500 | 9.12500 | 0.000000E+00 |
| 1654 | -330.639 | 11.2500 | 0.000000E+00 |
| 1655 | -331.639 | 9.12500 | 0.000000E+00 |
| 1656 | -29.7260 | 11.2500 | 0.000000E+00 |
| 1657 | -30.7260 | 9.12500 | 0.000000E+00 |
| 1658 | -25.0050 | 11.2500 | 0.000000E+00 |
| 1659 | -26.0050 | 9.12500 | 0.000000E+00 |
| 1660 | -20.2840 | 11.2500 | 0.000000E+00 |
| 1661 | -21.2840 | 9.12500 | 0.000000E+00 |
| 1662 | -15.5630 | 11.2500 | 0.000000E+00 |
| 1663 | -16.5630 | 9.12500 | 0.000000E+00 |
| 1664 | -10.8420 | 11.2500 | 0.000000E+00 |
| 1665 | -11.8420 | 9.12500 | 0.000000E+00 |
| 1666 | -6.12100 | 11.2500 | 0.000000E+00 |
| 1667 | -7.12100 | 9.12500 | 0.000000E+00 |
| 1668 | 5.22100 | 11.2500 | 0.000000E+00 |
| 1669 | 4.22100 | 9.12500 | 0.000000E+00 |
| 1670 | 9.94200 | 11.2500 | 0.000000E+00 |
| 1671 | 8.94200 | 9.12500 | 0.000000E+00 |
| 1672 | 14.6630 | 11.2500 | 0.000000E+00 |
| 1673 | 13.6630 | 9.12500 | 0.000000E+00 |
| 1674 | 19.3840 | 11.2500 | 0.000000E+00 |
| 1675 | 18.3840 | 9.12500 | 0.000000E+00 |
| 1676 | 24.1050 | 11.2500 | 0.000000E+00 |
| 1677 | 23.1050 | 9.12500 | 0.000000E+00 |
| 1678 | 28.8260 | 11.2500 | 0.000000E+00 |
| 1679 | 27.8260 | 9.12500 | 0.000000E+00 |
| 1680 | -320.918 | 11.2500 | 0.000000E+00 |
| 1681 | -321.918 | 9.12500 | 0.000000E+00 |
| 1682 | -316.059 | 11.2500 | 0.000000E+00 |
| 1683 | -317.059 | 9.12500 | 0.000000E+00 |
| 1684 | -311.200 | 11.2500 | 0.000000E+00 |
| 1685 | -312.200 | 9.12500 | 0.000000E+00 |
| 1686 | -306.341 | 11.2500 | 0.000000E+00 |
| 1687 | -307.341 | 9.12500 | 0.000000E+00 |
| 1688 | -301.482 | 11.2500 | 0.000000E+00 |
| 1689 | -302.482 | 9.12500 | 0.000000E+00 |
| 1690 | -296.623 | 11.2500 | 0.000000E+00 |
| 1691 | -297.623 | 9.12500 | 0.000000E+00 |
| 1692 | -291.764 | 11.2500 | 0.000000E+00 |
| 1693 | -292.764 | 9.12500 | 0.000000E+00 |
| 1694 | -286.905 | 11.2500 | 0.000000E+00 |
| 1695 | -287.905 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1696 | -282.046 | 11.2500 | 0.000000E+00 |
| 1697 | -283.046 | 9.12500 | 0.000000E+00 |
| 1698 | -272.329 | 11.2500 | 0.000000E+00 |
| 1699 | -273.329 | 9.12500 | 0.000000E+00 |
| 1700 | -267.471 | 11.2500 | 0.000000E+00 |
| 1701 | -268.471 | 9.12500 | 0.000000E+00 |
| 1702 | -262.613 | 11.2500 | 0.000000E+00 |
| 1703 | -263.613 | 9.12500 | 0.000000E+00 |
| 1704 | -257.755 | 11.2500 | 0.000000E+00 |
| 1705 | -258.755 | 9.12500 | 0.000000E+00 |
| 1706 | -252.897 | 11.2500 | 0.000000E+00 |
| 1707 | -253.897 | 9.12500 | 0.000000E+00 |
| 1708 | -248.039 | 11.2500 | 0.000000E+00 |
| 1709 | -249.039 | 9.12500 | 0.000000E+00 |
| 1710 | -243.181 | 11.2500 | 0.000000E+00 |
| 1711 | -244.181 | 9.12500 | 0.000000E+00 |
| 1712 | -238.323 | 11.2500 | 0.000000E+00 |
| 1713 | -239.323 | 9.12500 | 0.000000E+00 |
| 1714 | -233.465 | 11.2500 | 0.000000E+00 |
| 1715 | -234.465 | 9.12500 | 0.000000E+00 |
| 1716 | -223.750 | 11.2500 | 0.000000E+00 |
| 1717 | -224.750 | 9.12500 | 0.000000E+00 |
| 1718 | -218.893 | 11.2500 | 0.000000E+00 |
| 1719 | -219.893 | 9.12500 | 0.000000E+00 |
| 1720 | -214.036 | 11.2500 | 0.000000E+00 |
| 1721 | -215.036 | 9.12500 | 0.000000E+00 |
| 1722 | -209.179 | 11.2500 | 0.000000E+00 |
| 1723 | -210.179 | 9.12500 | 0.000000E+00 |
| 1724 | -204.322 | 11.2500 | 0.000000E+00 |
| 1725 | -205.322 | 9.12500 | 0.000000E+00 |
| 1726 | -199.465 | 11.2500 | 0.000000E+00 |
| 1727 | -200.465 | 9.12500 | 0.000000E+00 |
| 1728 | -194.608 | 11.2500 | 0.000000E+00 |
| 1729 | -195.608 | 9.12500 | 0.000000E+00 |
| 1730 | -189.751 | 11.2500 | 0.000000E+00 |
| 1731 | -190.751 | 9.12500 | 0.000000E+00 |
| 1732 | -184.894 | 11.2500 | 0.000000E+00 |
| 1733 | -185.894 | 9.12500 | 0.000000E+00 |
| 1734 | -175.182 | 11.2500 | 0.000000E+00 |
| 1735 | -176.182 | 9.12500 | 0.000000E+00 |
| 1736 | -170.327 | 11.2500 | 0.000000E+00 |
| 1737 | -171.327 | 9.12500 | 0.000000E+00 |
| 1738 | -165.472 | 11.2500 | 0.000000E+00 |
| 1739 | -166.472 | 9.12500 | 0.000000E+00 |
| 1740 | -160.617 | 11.2500 | 0.000000E+00 |
| 1741 | -161.617 | 9.12500 | 0.000000E+00 |
| 1742 | -155.762 | 11.2500 | 0.000000E+00 |
| 1743 | -156.762 | 9.12500 | 0.000000E+00 |
| 1744 | -150.907 | 11.2500 | 0.000000E+00 |
| 1745 | -151.907 | 9.12500 | 0.000000E+00 |
| 1746 | -146.052 | 11.2500 | 0.000000E+00 |
| 1747 | -147.052 | 9.12500 | 0.000000E+00 |
| 1748 | -141.197 | 11.2500 | 0.000000E+00 |
| 1749 | -142.197 | 9.12500 | 0.000000E+00 |
| 1750 | -136.342 | 11.2500 | 0.000000E+00 |
| 1751 | -137.342 | 9.12500 | 0.000000E+00 |
| 1752 | -126.634 | 11.2500 | 0.000000E+00 |
| 1753 | -127.634 | 9.12500 | 0.000000E+00 |
| 1754 | -121.781 | 11.2500 | 0.000000E+00 |
| 1755 | -122.781 | 9.12500 | 0.000000E+00 |
| 1756 | -116.928 | 11.2500 | 0.000000E+00 |
| 1757 | -117.928 | 9.12500 | 0.000000E+00 |
| 1758 | -112.075 | 11.2500 | 0.000000E+00 |
| 1759 | -113.075 | 9.12500 | 0.000000E+00 |
| 1760 | -107.222 | 11.2500 | 0.000000E+00 |
| 1761 | -108.222 | 9.12500 | 0.000000E+00 |
| 1762 | -102.369 | 11.2500 | 0.000000E+00 |
| 1763 | -103.369 | 9.12500 | 0.000000E+00 |
| 1764 | -97.5160 | 11.2500 | 0.000000E+00 |
| 1765 | -98.5160 | 9.12500 | 0.000000E+00 |
| 1766 | -92.6630 | 11.2500 | 0.000000E+00 |
| 1767 | -93.6630 | 9.12500 | 0.000000E+00 |
| 1768 | -87.8100 | 11.2500 | 0.000000E+00 |
| 1769 | -88.8100 | 9.12500 | 0.000000E+00 |
| 1770 | -78.1060 | 11.2500 | 0.000000E+00 |
| 1771 | -79.1060 | 9.12500 | 0.000000E+00 |
| 1772 | -73.2550 | 11.2500 | 0.000000E+00 |
| 1773 | -74.2550 | 9.12500 | 0.000000E+00 |
| 1774 | -68.4040 | 11.2500 | 0.000000E+00 |
| 1775 | -69.4040 | 9.12500 | 0.000000E+00 |
| 1776 | -63.5530 | 11.2500 | 0.000000E+00 |
| 1777 | -64.5530 | 9.12500 | 0.000000E+00 |
| 1778 | -58.7020 | 11.2500 | 0.000000E+00 |
| 1779 | -59.7020 | 9.12500 | 0.000000E+00 |
| 1780 | -53.8510 | 11.2500 | 0.000000E+00 |
| 1781 | -54.8510 | 9.12500 | 0.000000E+00 |
| 1782 | -49.0000 | 11.2500 | 0.000000E+00 |
| 1783 | -50.0000 | 9.12500 | 0.000000E+00 |
| 1784 | -44.1490 | 11.2500 | 0.000000E+00 |
| 1785 | -45.1490 | 9.12500 | 0.000000E+00 |
| 1786 | -39.2980 | 11.2500 | 0.000000E+00 |
| 1787 | -40.2980 | 9.12500 | 0.000000E+00 |
| 1788 | 38.3980 | 11.2500 | 0.000000E+00 |
| 1789 | 37.3980 | 9.12500 | 0.000000E+00 |
| 1790 | 43.2490 | 11.2500 | 0.000000E+00 |
| 1791 | 42.2490 | 9.12500 | 0.000000E+00 |
| 1792 | 48.1000 | 11.2500 | 0.000000E+00 |
| 1793 | 47.1000 | 9.12500 | 0.000000E+00 |
| 1794 | 52.9510 | 11.2500 | 0.000000E+00 |
| 1795 | 51.9510 | 9.12500 | 0.000000E+00 |
| 1796 | 57.8020 | 11.2500 | 0.000000E+00 |
| 1797 | 56.8020 | 9.12500 | 0.000000E+00 |
| 1798 | 62.6530 | 11.2500 | 0.000000E+00 |
| 1799 | 61.6530 | 9.12500 | 0.000000E+00 |
| 1800 | 67.5040 | 11.2500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 1801 | 66.5040 | 9.12500 | 0.000000E+00 |
| 1802 | 72.3550 | 11.2500 | 0.000000E+00 |
| 1803 | 71.3550 | 9.12500 | 0.000000E+00 |
| 1804 | 77.2060 | 11.2500 | 0.000000E+00 |
| 1805 | 76.2060 | 9.12500 | 0.000000E+00 |
| 1806 | 86.9100 | 11.2500 | 0.000000E+00 |
| 1807 | 85.9100 | 9.12500 | 0.000000E+00 |
| 1808 | 91.7630 | 11.2500 | 0.000000E+00 |
| 1809 | 90.7630 | 9.12500 | 0.000000E+00 |
| 1810 | 96.6160 | 11.2500 | 0.000000E+00 |
| 1811 | 95.6160 | 9.12500 | 0.000000E+00 |
| 1812 | 101.469 | 11.2500 | 0.000000E+00 |
| 1813 | 100.469 | 9.12500 | 0.000000E+00 |
| 1814 | 106.322 | 11.2500 | 0.000000E+00 |
| 1815 | 105.322 | 9.12500 | 0.000000E+00 |
| 1816 | 111.175 | 11.2500 | 0.000000E+00 |
| 1817 | 110.175 | 9.12500 | 0.000000E+00 |
| 1818 | 116.028 | 11.2500 | 0.000000E+00 |
| 1819 | 115.028 | 9.12500 | 0.000000E+00 |
| 1820 | 120.881 | 11.2500 | 0.000000E+00 |
| 1821 | 119.881 | 9.12500 | 0.000000E+00 |
| 1822 | 125.734 | 11.2500 | 0.000000E+00 |
| 1823 | 124.734 | 9.12500 | 0.000000E+00 |
| 1824 | 135.442 | 11.2500 | 0.000000E+00 |
| 1825 | 134.442 | 9.12500 | 0.000000E+00 |
| 1826 | 140.297 | 11.2500 | 0.000000E+00 |
| 1827 | 139.297 | 9.12500 | 0.000000E+00 |
| 1828 | 145.152 | 11.2500 | 0.000000E+00 |
| 1829 | 144.152 | 9.12500 | 0.000000E+00 |
| 1830 | 150.007 | 11.2500 | 0.000000E+00 |
| 1831 | 149.007 | 9.12500 | 0.000000E+00 |
| 1832 | 154.862 | 11.2500 | 0.000000E+00 |
| 1833 | 153.862 | 9.12500 | 0.000000E+00 |
| 1834 | 159.717 | 11.2500 | 0.000000E+00 |
| 1835 | 158.717 | 9.12500 | 0.000000E+00 |
| 1836 | 164.572 | 11.2500 | 0.000000E+00 |
| 1837 | 163.572 | 9.12500 | 0.000000E+00 |
| 1838 | 169.427 | 11.2500 | 0.000000E+00 |
| 1839 | 168.427 | 9.12500 | 0.000000E+00 |
| 1840 | 174.282 | 11.2500 | 0.000000E+00 |
| 1841 | 173.282 | 9.12500 | 0.000000E+00 |
| 1842 | 183.994 | 11.2500 | 0.000000E+00 |
| 1843 | 182.994 | 9.12500 | 0.000000E+00 |
| 1844 | 188.851 | 11.2500 | 0.000000E+00 |
| 1845 | 187.851 | 9.12500 | 0.000000E+00 |
| 1846 | 193.708 | 11.2500 | 0.000000E+00 |
| 1847 | 192.708 | 9.12500 | 0.000000E+00 |
| 1848 | 198.565 | 11.2500 | 0.000000E+00 |
| 1849 | 197.565 | 9.12500 | 0.000000E+00 |
| 1850 | 203.422 | 11.2500 | 0.000000E+00 |
| 1851 | 202.422 | 9.12500 | 0.000000E+00 |
| 1852 | 208.279 | 11.2500 | 0.000000E+00 |
| 1853 | 207.279 | 9.12500 | 0.000000E+00 |
| 1854 | 213.136 | 11.2500 | 0.000000E+00 |
| 1855 | 212.136 | 9.12500 | 0.000000E+00 |
| 1856 | 217.993 | 11.2500 | 0.000000E+00 |
| 1857 | 216.993 | 9.12500 | 0.000000E+00 |
| 1858 | 222.850 | 11.2500 | 0.000000E+00 |
| 1859 | 221.850 | 9.12500 | 0.000000E+00 |
| 1860 | 232.565 | 11.2500 | 0.000000E+00 |
| 1861 | 231.565 | 9.12500 | 0.000000E+00 |
| 1862 | 237.423 | 11.2500 | 0.000000E+00 |
| 1863 | 236.423 | 9.12500 | 0.000000E+00 |
| 1864 | 242.281 | 11.2500 | 0.000000E+00 |
| 1865 | 241.281 | 9.12500 | 0.000000E+00 |
| 1866 | 247.139 | 11.2500 | 0.000000E+00 |
| 1867 | 246.139 | 9.12500 | 0.000000E+00 |
| 1868 | 251.997 | 11.2500 | 0.000000E+00 |
| 1869 | 250.997 | 9.12500 | 0.000000E+00 |
| 1870 | 256.855 | 11.2500 | 0.000000E+00 |
| 1871 | 255.855 | 9.12500 | 0.000000E+00 |
| 1872 | 261.713 | 11.2500 | 0.000000E+00 |
| 1873 | 260.713 | 9.12500 | 0.000000E+00 |
| 1874 | 266.571 | 11.2500 | 0.000000E+00 |
| 1875 | 265.571 | 9.12500 | 0.000000E+00 |
| 1876 | 271.429 | 11.2500 | 0.000000E+00 |
| 1877 | 270.429 | 9.12500 | 0.000000E+00 |
| 1878 | 281.146 | 11.2500 | 0.000000E+00 |
| 1879 | 280.146 | 9.12500 | 0.000000E+00 |
| 1880 | 286.005 | 11.2500 | 0.000000E+00 |
| 1881 | 285.005 | 9.12500 | 0.000000E+00 |
| 1882 | 290.864 | 11.2500 | 0.000000E+00 |
| 1883 | 289.864 | 9.12500 | 0.000000E+00 |
| 1884 | 295.723 | 11.2500 | 0.000000E+00 |
| 1885 | 294.723 | 9.12500 | 0.000000E+00 |
| 1886 | 300.582 | 11.2500 | 0.000000E+00 |
| 1887 | 299.582 | 9.12500 | 0.000000E+00 |
| 1888 | 305.441 | 11.2500 | 0.000000E+00 |
| 1889 | 304.441 | 9.12500 | 0.000000E+00 |
| 1890 | 310.300 | 11.2500 | 0.000000E+00 |
| 1891 | 309.300 | 9.12500 | 0.000000E+00 |
| 1892 | 315.159 | 11.2500 | 0.000000E+00 |
| 1893 | 314.159 | 9.12500 | 0.000000E+00 |
| 1894 | 320.018 | 11.2500 | 0.000000E+00 |
| 1895 | 319.018 | 9.12500 | 0.000000E+00 |
| 1896 | 329.747 | 11.2500 | 0.000000E+00 |
| 1897 | 328.747 | 9.12500 | 0.000000E+00 |
| 1898 | 334.617 | 11.2500 | 0.000000E+00 |
| 1899 | 333.617 | 9.12500 | 0.000000E+00 |
| 1900 | 339.487 | 11.2500 | 0.000000E+00 |
| 1901 | 338.487 | 9.12500 | 0.000000E+00 |
| 1902 | 344.357 | 11.2500 | 0.000000E+00 |
| 1903 | 343.357 | 9.12500 | 0.000000E+00 |
| 1904 | 349.227 | 11.2500 | 0.000000E+00 |
| 1905 | 348.227 | 9.12500 | 0.000000E+00 |

| | | | |
|------|-----------|-----------|--------------|
| 1906 | 354.098 | 11.2500 | 0.000000E+00 |
| 1907 | 353.098 | 9.12500 | 0.000000E+00 |
| 1908 | 358.968 | 11.2500 | 0.000000E+00 |
| 1909 | 357.968 | 9.12500 | 0.000000E+00 |
| 1910 | 363.838 | 11.2500 | 0.000000E+00 |
| 1911 | 362.838 | 9.12500 | 0.000000E+00 |
| 1912 | 368.708 | 11.2500 | 0.000000E+00 |
| 1913 | 367.708 | 9.12500 | 0.000000E+00 |
| 1914 | -325.777 | 11.2500 | 0.000000E+00 |
| 1915 | -326.777 | 9.12500 | 0.000000E+00 |
| 1916 | -277.187 | 11.2500 | 0.000000E+00 |
| 1917 | -278.187 | 9.12500 | 0.000000E+00 |
| 1918 | -228.607 | 11.2500 | 0.000000E+00 |
| 1919 | -229.607 | 9.12500 | 0.000000E+00 |
| 1920 | -180.037 | 11.2500 | 0.000000E+00 |
| 1921 | -181.037 | 9.12500 | 0.000000E+00 |
| 1922 | -131.487 | 11.2500 | 0.000000E+00 |
| 1923 | -132.487 | 9.12500 | 0.000000E+00 |
| 1924 | -82.9570 | 11.2500 | 0.000000E+00 |
| 1925 | -83.9570 | 9.12500 | 0.000000E+00 |
| 1926 | -34.4470 | 11.2500 | 0.000000E+00 |
| 1927 | -35.4470 | 9.12500 | 0.000000E+00 |
| 1928 | -1.40000 | 11.2500 | 0.000000E+00 |
| 1929 | -2.40000 | 9.12500 | 0.000000E+00 |
| 1930 | 0.500000 | 11.2500 | 0.000000E+00 |
| 1931 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1932 | 33.5470 | 11.2500 | 0.000000E+00 |
| 1933 | 32.5470 | 9.12500 | 0.000000E+00 |
| 1934 | 82.0570 | 11.2500 | 0.000000E+00 |
| 1935 | 81.0570 | 9.12500 | 0.000000E+00 |
| 1936 | 130.587 | 11.2500 | 0.000000E+00 |
| 1937 | 129.587 | 9.12500 | 0.000000E+00 |
| 1938 | 179.137 | 11.2500 | 0.000000E+00 |
| 1939 | 178.137 | 9.12500 | 0.000000E+00 |
| 1940 | 227.707 | 11.2500 | 0.000000E+00 |
| 1941 | 226.707 | 9.12500 | 0.000000E+00 |
| 1942 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1943 | -0.500000 | 11.2500 | 0.000000E+00 |
| 1944 | -1.50000 | 9.12500 | 0.000000E+00 |
| 1945 | -0.400000 | 9.12500 | 0.000000E+00 |
| 1946 | -0.400000 | 11.2500 | 0.000000E+00 |
| 1947 | -1.40000 | 9.12500 | 0.000000E+00 |
| 1948 | -360.409 | 9.12500 | 0.000000E+00 |
| 1949 | -360.409 | 11.2500 | 0.000000E+00 |
| 1950 | -361.409 | 9.12500 | 0.000000E+00 |
| 1951 | 408.210 | 9.12500 | 0.000000E+00 |
| 1952 | 408.210 | 12.4200 | 0.000000E+00 |
| 1953 | 407.112 | 9.12500 | 0.000000E+00 |
| 1954 | 373.578 | 11.3942 | 0.000000E+00 |
| 1955 | 372.578 | 9.12500 | 0.000000E+00 |
| 1956 | 378.440 | 11.5382 | 0.000000E+00 |
| 1957 | 377.440 | 9.12500 | 0.000000E+00 |
| 1958 | 383.301 | 11.6822 | 0.000000E+00 |
| 1959 | 382.301 | 9.12500 | 0.000000E+00 |
| 1960 | 409.943 | 9.12500 | 0.000000E+00 |
| 1961 | 388.163 | 11.8262 | 0.000000E+00 |
| 1962 | 387.163 | 9.12500 | 0.000000E+00 |
| 1963 | 393.025 | 11.9702 | 0.000000E+00 |
| 1964 | 392.025 | 9.12500 | 0.000000E+00 |
| 1965 | 397.887 | 12.1142 | 0.000000E+00 |
| 1966 | 396.887 | 9.12500 | 0.000000E+00 |
| 1967 | 402.748 | 12.2582 | 0.000000E+00 |
| 1968 | 401.704 | 9.12500 | 0.000000E+00 |
| 1969 | 407.610 | 12.4022 | 0.000000E+00 |
| 1970 | 406.518 | 9.12500 | 0.000000E+00 |
| 1971 | 373.578 | -0.144246 | 0.000000E+00 |
| 1972 | 374.578 | 2.12500 | 0.000000E+00 |
| 1973 | 378.440 | -0.288243 | 0.000000E+00 |
| 1974 | 379.440 | 2.12500 | 0.000000E+00 |
| 1975 | 383.301 | -0.432241 | 0.000000E+00 |
| 1976 | 384.301 | 2.12500 | 0.000000E+00 |
| 1977 | 388.163 | -0.576239 | 0.000000E+00 |
| 1978 | 389.163 | 2.12500 | 0.000000E+00 |
| 1979 | 393.025 | -0.720236 | 0.000000E+00 |
| 1980 | 394.025 | 2.12500 | 0.000000E+00 |
| 1981 | 397.887 | -0.864234 | 0.000000E+00 |
| 1982 | 398.887 | 2.12500 | 0.000000E+00 |
| 1983 | 402.748 | -1.00823 | 0.000000E+00 |
| 1984 | 403.793 | 2.12500 | 0.000000E+00 |
| 1985 | 407.610 | -1.15223 | 0.000000E+00 |
| 1986 | 408.702 | 2.12500 | 0.000000E+00 |
| 1987 | 399.602 | 2.12500 | 0.000000E+00 |
| 1988 | 399.602 | 3.17376 | 0.000000E+00 |
| 1989 | 402.748 | 3.74557 | 0.000000E+00 |
| 1990 | 389.593 | 2.12500 | 0.000000E+00 |
| 1991 | 389.593 | 3.26895 | 0.000000E+00 |
| 1992 | 397.887 | 3.12500 | 0.000000E+00 |
| 1993 | 393.025 | 3.74557 | 0.000000E+00 |
| 1994 | 379.584 | 2.12500 | 0.000000E+00 |
| 1995 | 379.584 | 3.36414 | 0.000000E+00 |
| 1996 | 388.163 | 3.12500 | 0.000000E+00 |
| 1997 | 383.301 | 3.74557 | 0.000000E+00 |
| 1998 | 373.578 | 3.74557 | 0.000000E+00 |
| 1999 | 378.440 | 3.12500 | 0.000000E+00 |
| 2000 | 367.574 | 2.12500 | 0.000000E+00 |
| 2001 | 367.574 | 3.12500 | 0.000000E+00 |
| 2002 | 368.708 | 3.74837 | 0.000000E+00 |
| 2003 | 355.186 | 2.12500 | 0.000000E+00 |
| 2004 | 355.186 | 3.38557 | 0.000000E+00 |
| 2005 | 363.838 | 3.37040 | 0.000000E+00 |
| 2006 | 358.968 | 3.74837 | 0.000000E+00 |
| 2007 | 343.163 | 2.12500 | 0.000000E+00 |
| 2008 | 343.163 | 3.12500 | 0.000000E+00 |
| 2009 | 354.098 | 3.12500 | 0.000000E+00 |
| 2010 | 349.227 | 3.74837 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 2011 | 344.357 | 3.74837 | 0.000000E+00 |
| 2012 | 330.890 | 2.12500 | 0.000000E+00 |
| 2013 | 330.890 | 3.36740 | 0.000000E+00 |
| 2014 | 339.487 | 3.35023 | 0.000000E+00 |
| 2015 | 334.617 | 3.74837 | 0.000000E+00 |
| 2016 | 324.877 | 3.74837 | 0.000000E+00 |
| 2017 | 329.747 | 3.12500 | 0.000000E+00 |
| 2018 | 318.866 | 2.12500 | 0.000000E+00 |
| 2019 | 318.866 | 3.12500 | 0.000000E+00 |
| 2020 | 320.018 | 3.74467 | 0.000000E+00 |
| 2021 | 306.593 | 2.12500 | 0.000000E+00 |
| 2022 | 306.593 | 3.36067 | 0.000000E+00 |
| 2023 | 315.159 | 3.36067 | 0.000000E+00 |
| 2024 | 310.300 | 3.74467 | 0.000000E+00 |
| 2025 | 294.571 | 2.12500 | 0.000000E+00 |
| 2026 | 294.571 | 3.12500 | 0.000000E+00 |
| 2027 | 305.441 | 3.12500 | 0.000000E+00 |
| 2028 | 300.582 | 3.74467 | 0.000000E+00 |
| 2029 | 295.723 | 3.74467 | 0.000000E+00 |
| 2030 | 282.298 | 2.12500 | 0.000000E+00 |
| 2031 | 282.298 | 3.36067 | 0.000000E+00 |
| 2032 | 290.864 | 3.36067 | 0.000000E+00 |
| 2033 | 286.005 | 3.74467 | 0.000000E+00 |
| 2034 | 276.287 | 3.74467 | 0.000000E+00 |
| 2035 | 281.146 | 3.12500 | 0.000000E+00 |
| 2036 | 270.278 | 2.12500 | 0.000000E+00 |
| 2037 | 270.278 | 3.12500 | 0.000000E+00 |
| 2038 | 271.429 | 3.74433 | 0.000000E+00 |
| 2039 | 258.007 | 2.12500 | 0.000000E+00 |
| 2040 | 258.007 | 3.36033 | 0.000000E+00 |
| 2041 | 266.571 | 3.36067 | 0.000000E+00 |
| 2042 | 261.713 | 3.74433 | 0.000000E+00 |
| 2043 | 245.987 | 2.12500 | 0.000000E+00 |
| 2044 | 245.987 | 3.12500 | 0.000000E+00 |
| 2045 | 256.855 | 3.12500 | 0.000000E+00 |
| 2046 | 251.997 | 3.74433 | 0.000000E+00 |
| 2047 | 247.139 | 3.74433 | 0.000000E+00 |
| 2048 | 233.716 | 2.12500 | 0.000000E+00 |
| 2049 | 233.716 | 3.36067 | 0.000000E+00 |
| 2050 | 242.281 | 3.36033 | 0.000000E+00 |
| 2051 | 237.423 | 3.74433 | 0.000000E+00 |
| 2052 | 227.707 | 3.74433 | 0.000000E+00 |
| 2053 | 232.565 | 3.12500 | 0.000000E+00 |
| 2054 | 221.697 | 2.12500 | 0.000000E+00 |
| 2055 | 221.697 | 3.12500 | 0.000000E+00 |
| 2056 | 222.850 | 3.74400 | 0.000000E+00 |
| 2057 | 209.430 | 2.12500 | 0.000000E+00 |
| 2058 | 209.430 | 3.36033 | 0.000000E+00 |
| 2059 | 217.993 | 3.35967 | 0.000000E+00 |
| 2060 | 213.136 | 3.74400 | 0.000000E+00 |
| 2061 | 197.414 | 2.12500 | 0.000000E+00 |
| 2062 | 197.414 | 3.12500 | 0.000000E+00 |
| 2063 | 208.279 | 3.12500 | 0.000000E+00 |
| 2064 | 203.422 | 3.74400 | 0.000000E+00 |
| 2065 | 198.565 | 3.74400 | 0.000000E+00 |
| 2066 | 185.147 | 2.12500 | 0.000000E+00 |
| 2067 | 185.147 | 3.35967 | 0.000000E+00 |
| 2068 | 193.708 | 3.36033 | 0.000000E+00 |
| 2069 | 188.851 | 3.74400 | 0.000000E+00 |
| 2070 | 179.137 | 3.74400 | 0.000000E+00 |
| 2071 | 183.994 | 3.12500 | 0.000000E+00 |
| 2072 | 173.130 | 2.12500 | 0.000000E+00 |
| 2073 | 173.130 | 3.12500 | 0.000000E+00 |
| 2074 | 174.282 | 3.74333 | 0.000000E+00 |
| 2075 | 160.868 | 2.12500 | 0.000000E+00 |
| 2076 | 160.868 | 3.35967 | 0.000000E+00 |
| 2077 | 169.427 | 3.35933 | 0.000000E+00 |
| 2078 | 164.572 | 3.74333 | 0.000000E+00 |
| 2079 | 148.856 | 2.12500 | 0.000000E+00 |
| 2080 | 148.856 | 3.12500 | 0.000000E+00 |
| 2081 | 159.717 | 3.12500 | 0.000000E+00 |
| 2082 | 154.862 | 3.74333 | 0.000000E+00 |
| 2083 | 150.007 | 3.74333 | 0.000000E+00 |
| 2084 | 136.594 | 2.12500 | 0.000000E+00 |
| 2085 | 136.594 | 3.35933 | 0.000000E+00 |
| 2086 | 145.152 | 3.35967 | 0.000000E+00 |
| 2087 | 140.297 | 3.74333 | 0.000000E+00 |
| 2088 | 130.587 | 3.74333 | 0.000000E+00 |
| 2089 | 135.442 | 3.12500 | 0.000000E+00 |
| 2090 | 124.582 | 2.12500 | 0.000000E+00 |
| 2091 | 124.582 | 3.12500 | 0.000000E+00 |
| 2092 | 125.734 | 3.74267 | 0.000000E+00 |
| 2093 | 112.325 | 2.12500 | 0.000000E+00 |
| 2094 | 112.325 | 3.35933 | 0.000000E+00 |
| 2095 | 120.881 | 3.35867 | 0.000000E+00 |
| 2096 | 116.028 | 3.74267 | 0.000000E+00 |
| 2097 | 100.318 | 2.12500 | 0.000000E+00 |
| 2098 | 100.318 | 3.12500 | 0.000000E+00 |
| 2099 | 111.175 | 3.12500 | 0.000000E+00 |
| 2100 | 106.322 | 3.74267 | 0.000000E+00 |
| 2101 | 101.469 | 3.74267 | 0.000000E+00 |
| 2102 | 88.0610 | 2.12500 | 0.000000E+00 |
| 2103 | 88.0610 | 3.35900 | 0.000000E+00 |
| 2104 | 96.6160 | 3.35900 | 0.000000E+00 |
| 2105 | 91.7630 | 3.74267 | 0.000000E+00 |
| 2106 | 82.0570 | 3.74267 | 0.000000E+00 |
| 2107 | 86.9100 | 3.12500 | 0.000000E+00 |
| 2108 | 76.0550 | 2.12500 | 0.000000E+00 |
| 2109 | 76.0550 | 3.12500 | 0.000000E+00 |
| 2110 | 77.2060 | 3.74200 | 0.000000E+00 |
| 2111 | 63.8030 | 2.12500 | 0.000000E+00 |
| 2112 | 63.8030 | 3.35867 | 0.000000E+00 |
| 2113 | 72.3550 | 3.35833 | 0.000000E+00 |
| 2114 | 67.5040 | 3.74200 | 0.000000E+00 |
| 2115 | 51.8010 | 2.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2116 | 51.8010 | 3.12500 | 0.000000E+00 |
| 2117 | 62.6530 | 3.12500 | 0.000000E+00 |
| 2118 | 57.8020 | 3.74200 | 0.000000E+00 |
| 2119 | 52.9510 | 3.74200 | 0.000000E+00 |
| 2120 | 39.5490 | 2.12500 | 0.000000E+00 |
| 2121 | 39.5490 | 3.35833 | 0.000000E+00 |
| 2122 | 48.1000 | 3.35867 | 0.000000E+00 |
| 2123 | 43.2490 | 3.74200 | 0.000000E+00 |
| 2124 | 33.5470 | 3.74200 | 0.000000E+00 |
| 2125 | 38.3980 | 3.12500 | 0.000000E+00 |
| 2126 | 27.5470 | 2.12500 | 0.000000E+00 |
| 2127 | 27.5470 | 3.12500 | 0.000000E+00 |
| 2128 | 28.8260 | 3.69867 | 0.000000E+00 |
| 2129 | 17.5480 | 2.12500 | 0.000000E+00 |
| 2130 | 17.5480 | 3.12500 | 0.000000E+00 |
| 2131 | 24.1050 | 3.27233 | 0.000000E+00 |
| 2132 | 19.3840 | 3.69867 | 0.000000E+00 |
| 2133 | 7.54900 | 2.12500 | 0.000000E+00 |
| 2134 | 7.54900 | 3.12500 | 0.000000E+00 |
| 2135 | 14.6630 | 3.12500 | 0.000000E+00 |
| 2136 | 9.94200 | 3.69867 | 0.000000E+00 |
| 2137 | 0.500000 | 3.69867 | 0.000000E+00 |
| 2138 | 5.22100 | 3.12500 | 0.000000E+00 |
| 2139 | -8.44900 | 2.12500 | 0.000000E+00 |
| 2140 | -8.44900 | 3.12500 | 0.000000E+00 |
| 2141 | -6.12100 | 3.69867 | 0.000000E+00 |
| 2142 | -18.4480 | 2.12500 | 0.000000E+00 |
| 2143 | -18.4480 | 3.12500 | 0.000000E+00 |
| 2144 | -10.8420 | 3.12500 | 0.000000E+00 |
| 2145 | -15.5630 | 3.69867 | 0.000000E+00 |
| 2146 | -28.4470 | 2.12500 | 0.000000E+00 |
| 2147 | -28.4470 | 3.27233 | 0.000000E+00 |
| 2148 | -20.2840 | 3.12500 | 0.000000E+00 |
| 2149 | -25.0050 | 3.69867 | 0.000000E+00 |
| 2150 | -34.4470 | 3.69867 | 0.000000E+00 |
| 2151 | -29.7260 | 3.12500 | 0.000000E+00 |
| 2152 | -40.4490 | 2.12500 | 0.000000E+00 |
| 2153 | -40.4490 | 3.12500 | 0.000000E+00 |
| 2154 | -39.2980 | 3.74200 | 0.000000E+00 |
| 2155 | -52.7010 | 2.12500 | 0.000000E+00 |
| 2156 | -52.7010 | 3.35867 | 0.000000E+00 |
| 2157 | -44.1490 | 3.35833 | 0.000000E+00 |
| 2158 | -49.0000 | 3.74200 | 0.000000E+00 |
| 2159 | -64.7030 | 2.12500 | 0.000000E+00 |
| 2160 | -64.7030 | 3.12500 | 0.000000E+00 |
| 2161 | -53.8510 | 3.12500 | 0.000000E+00 |
| 2162 | -58.7020 | 3.74200 | 0.000000E+00 |
| 2163 | -63.5530 | 3.74200 | 0.000000E+00 |
| 2164 | -76.9550 | 2.12500 | 0.000000E+00 |
| 2165 | -76.9550 | 3.35833 | 0.000000E+00 |
| 2166 | -68.4040 | 3.35867 | 0.000000E+00 |
| 2167 | -73.2550 | 3.74200 | 0.000000E+00 |
| 2168 | -82.9570 | 3.74200 | 0.000000E+00 |
| 2169 | -78.1060 | 3.12500 | 0.000000E+00 |
| 2170 | -88.9610 | 2.12500 | 0.000000E+00 |
| 2171 | -88.9610 | 3.12500 | 0.000000E+00 |
| 2172 | -87.8100 | 3.74267 | 0.000000E+00 |
| 2173 | -101.218 | 2.12500 | 0.000000E+00 |
| 2174 | -101.218 | 3.35900 | 0.000000E+00 |
| 2175 | -92.6630 | 3.35900 | 0.000000E+00 |
| 2176 | -97.5160 | 3.74267 | 0.000000E+00 |
| 2177 | -113.225 | 2.12500 | 0.000000E+00 |
| 2178 | -113.225 | 3.12500 | 0.000000E+00 |
| 2179 | -102.369 | 3.12500 | 0.000000E+00 |
| 2180 | -107.222 | 3.74267 | 0.000000E+00 |
| 2181 | -112.075 | 3.74267 | 0.000000E+00 |
| 2182 | -125.482 | 2.12500 | 0.000000E+00 |
| 2183 | -125.482 | 3.35867 | 0.000000E+00 |
| 2184 | -116.928 | 3.35933 | 0.000000E+00 |
| 2185 | -121.781 | 3.74267 | 0.000000E+00 |
| 2186 | -131.487 | 3.74267 | 0.000000E+00 |
| 2187 | -126.634 | 3.12500 | 0.000000E+00 |
| 2188 | -137.494 | 2.12500 | 0.000000E+00 |
| 2189 | -137.494 | 3.12500 | 0.000000E+00 |
| 2190 | -136.342 | 3.74333 | 0.000000E+00 |
| 2191 | -149.756 | 2.12500 | 0.000000E+00 |
| 2192 | -149.756 | 3.35967 | 0.000000E+00 |
| 2193 | -141.197 | 3.35933 | 0.000000E+00 |
| 2194 | -146.052 | 3.74333 | 0.000000E+00 |
| 2195 | -161.768 | 2.12500 | 0.000000E+00 |
| 2196 | -161.768 | 3.12500 | 0.000000E+00 |
| 2197 | -150.907 | 3.12500 | 0.000000E+00 |
| 2198 | -155.762 | 3.74333 | 0.000000E+00 |
| 2199 | -160.617 | 3.74333 | 0.000000E+00 |
| 2200 | -174.030 | 2.12500 | 0.000000E+00 |
| 2201 | -174.030 | 3.35933 | 0.000000E+00 |
| 2202 | -165.472 | 3.35967 | 0.000000E+00 |
| 2203 | -170.327 | 3.74333 | 0.000000E+00 |
| 2204 | -180.037 | 3.74333 | 0.000000E+00 |
| 2205 | -175.182 | 3.12500 | 0.000000E+00 |
| 2206 | -186.047 | 2.12500 | 0.000000E+00 |
| 2207 | -186.047 | 3.12500 | 0.000000E+00 |
| 2208 | -184.894 | 3.74400 | 0.000000E+00 |
| 2209 | -198.314 | 2.12500 | 0.000000E+00 |
| 2210 | -198.314 | 3.36033 | 0.000000E+00 |
| 2211 | -189.751 | 3.35967 | 0.000000E+00 |
| 2212 | -194.608 | 3.74400 | 0.000000E+00 |
| 2213 | -210.330 | 2.12500 | 0.000000E+00 |
| 2214 | -210.330 | 3.12500 | 0.000000E+00 |
| 2215 | -199.465 | 3.12500 | 0.000000E+00 |
| 2216 | -204.322 | 3.74400 | 0.000000E+00 |
| 2217 | -209.179 | 3.74400 | 0.000000E+00 |
| 2218 | -222.597 | 2.12500 | 0.000000E+00 |
| 2219 | -222.597 | 3.35967 | 0.000000E+00 |
| 2220 | -214.036 | 3.36033 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2221 | -218.893 | 3.74400 | 0.000000E+00 |
| 2222 | -228.607 | 3.74400 | 0.000000E+00 |
| 2223 | -223.750 | 3.12500 | 0.000000E+00 |
| 2224 | -234.616 | 2.12500 | 0.000000E+00 |
| 2225 | -234.616 | 3.12500 | 0.000000E+00 |
| 2226 | -233.465 | 3.74433 | 0.000000E+00 |
| 2227 | -246.887 | 2.12500 | 0.000000E+00 |
| 2228 | -246.887 | 3.36033 | 0.000000E+00 |
| 2229 | -238.323 | 3.36067 | 0.000000E+00 |
| 2230 | -243.181 | 3.74433 | 0.000000E+00 |
| 2231 | -258.907 | 2.12500 | 0.000000E+00 |
| 2232 | -258.907 | 3.12500 | 0.000000E+00 |
| 2233 | -248.039 | 3.12500 | 0.000000E+00 |
| 2234 | -252.897 | 3.74433 | 0.000000E+00 |
| 2235 | -257.755 | 3.74433 | 0.000000E+00 |
| 2236 | -271.178 | 2.12500 | 0.000000E+00 |
| 2237 | -271.178 | 3.36067 | 0.000000E+00 |
| 2238 | -262.613 | 3.36033 | 0.000000E+00 |
| 2239 | -267.471 | 3.74433 | 0.000000E+00 |
| 2240 | -277.187 | 3.74433 | 0.000000E+00 |
| 2241 | -272.329 | 3.12500 | 0.000000E+00 |
| 2242 | -283.198 | 2.12500 | 0.000000E+00 |
| 2243 | -283.198 | 3.12500 | 0.000000E+00 |
| 2244 | -282.046 | 3.74467 | 0.000000E+00 |
| 2245 | -295.471 | 2.12500 | 0.000000E+00 |
| 2246 | -295.471 | 3.36067 | 0.000000E+00 |
| 2247 | -286.905 | 3.36067 | 0.000000E+00 |
| 2248 | -291.764 | 3.74467 | 0.000000E+00 |
| 2249 | -307.493 | 2.12500 | 0.000000E+00 |
| 2250 | -307.493 | 3.12500 | 0.000000E+00 |
| 2251 | -296.623 | 3.12500 | 0.000000E+00 |
| 2252 | -301.482 | 3.74467 | 0.000000E+00 |
| 2253 | -306.341 | 3.74467 | 0.000000E+00 |
| 2254 | -319.766 | 2.12500 | 0.000000E+00 |
| 2255 | -319.766 | 3.36067 | 0.000000E+00 |
| 2256 | -311.200 | 3.36067 | 0.000000E+00 |
| 2257 | -316.059 | 3.74467 | 0.000000E+00 |
| 2258 | -325.777 | 3.74467 | 0.000000E+00 |
| 2259 | -320.918 | 3.12500 | 0.000000E+00 |
| 2260 | -331.783 | 2.12500 | 0.000000E+00 |
| 2261 | -331.783 | 3.12500 | 0.000000E+00 |
| 2262 | -330.639 | 3.74557 | 0.000000E+00 |
| 2263 | -341.792 | 2.12500 | 0.000000E+00 |
| 2264 | -341.792 | 3.12500 | 0.000000E+00 |
| 2265 | -335.500 | 3.36414 | 0.000000E+00 |
| 2266 | -340.362 | 3.74557 | 0.000000E+00 |
| 2267 | -351.801 | 2.12500 | 0.000000E+00 |
| 2268 | -351.801 | 3.12500 | 0.000000E+00 |
| 2269 | -345.224 | 3.26895 | 0.000000E+00 |
| 2270 | -350.086 | 3.74557 | 0.000000E+00 |
| 2271 | -359.809 | 3.74557 | 0.000000E+00 |
| 2272 | -354.947 | 3.17376 | 0.000000E+00 |
| 2273 | -360.409 | 3.12500 | 0.000000E+00 |
| 2274 | -1.40000 | 3.12500 | 0.000000E+00 |
| 2275 | -0.400000 | 3.12500 | 0.000000E+00 |
| 2276 | 407.610 | 3.12500 | 0.000000E+00 |
| 2277 | 399.602 | 9.12500 | 0.000000E+00 |
| 2278 | 399.602 | 10.1738 | 0.000000E+00 |
| 2279 | 402.748 | 10.7456 | 0.000000E+00 |
| 2280 | 389.593 | 9.12500 | 0.000000E+00 |
| 2281 | 389.593 | 10.2690 | 0.000000E+00 |
| 2282 | 397.887 | 10.1250 | 0.000000E+00 |
| 2283 | 393.025 | 10.7456 | 0.000000E+00 |
| 2284 | 379.584 | 9.12500 | 0.000000E+00 |
| 2285 | 379.584 | 10.3641 | 0.000000E+00 |
| 2286 | 388.163 | 10.1250 | 0.000000E+00 |
| 2287 | 383.301 | 10.7456 | 0.000000E+00 |
| 2288 | 373.578 | 10.7456 | 0.000000E+00 |
| 2289 | 378.440 | 10.1250 | 0.000000E+00 |
| 2290 | 367.574 | 9.12500 | 0.000000E+00 |
| 2291 | 367.574 | 10.1250 | 0.000000E+00 |
| 2292 | 368.708 | 10.7484 | 0.000000E+00 |
| 2293 | 355.186 | 9.12500 | 0.000000E+00 |
| 2294 | 355.186 | 10.3856 | 0.000000E+00 |
| 2295 | 363.838 | 10.3704 | 0.000000E+00 |
| 2296 | 358.968 | 10.7484 | 0.000000E+00 |
| 2297 | 343.163 | 9.12500 | 0.000000E+00 |
| 2298 | 343.163 | 10.1250 | 0.000000E+00 |
| 2299 | 354.098 | 10.1250 | 0.000000E+00 |
| 2300 | 349.227 | 10.7484 | 0.000000E+00 |
| 2301 | 344.357 | 10.7484 | 0.000000E+00 |
| 2302 | 330.890 | 9.12500 | 0.000000E+00 |
| 2303 | 330.890 | 10.3674 | 0.000000E+00 |
| 2304 | 339.487 | 10.3502 | 0.000000E+00 |
| 2305 | 334.617 | 10.7484 | 0.000000E+00 |
| 2306 | 324.877 | 10.7484 | 0.000000E+00 |
| 2307 | 329.747 | 10.1250 | 0.000000E+00 |
| 2308 | 318.866 | 9.12500 | 0.000000E+00 |
| 2309 | 318.866 | 10.1250 | 0.000000E+00 |
| 2310 | 320.018 | 10.7447 | 0.000000E+00 |
| 2311 | 306.593 | 9.12500 | 0.000000E+00 |
| 2312 | 306.593 | 10.3607 | 0.000000E+00 |
| 2313 | 315.159 | 10.3607 | 0.000000E+00 |
| 2314 | 310.300 | 10.7447 | 0.000000E+00 |
| 2315 | 294.571 | 9.12500 | 0.000000E+00 |
| 2316 | 294.571 | 10.1250 | 0.000000E+00 |
| 2317 | 305.441 | 10.1250 | 0.000000E+00 |
| 2318 | 300.582 | 10.7447 | 0.000000E+00 |
| 2319 | 295.723 | 10.7447 | 0.000000E+00 |
| 2320 | 282.298 | 9.12500 | 0.000000E+00 |
| 2321 | 282.298 | 10.3607 | 0.000000E+00 |
| 2322 | 290.864 | 10.3607 | 0.000000E+00 |
| 2323 | 286.005 | 10.7447 | 0.000000E+00 |
| 2324 | 276.287 | 10.7447 | 0.000000E+00 |
| 2325 | 281.146 | 10.1250 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2326 | 270.278 | 9.12500 | 0.000000E+00 |
| 2327 | 270.278 | 10.1250 | 0.000000E+00 |
| 2328 | 271.429 | 10.7443 | 0.000000E+00 |
| 2329 | 258.007 | 9.12500 | 0.000000E+00 |
| 2330 | 258.007 | 10.3603 | 0.000000E+00 |
| 2331 | 266.571 | 10.3607 | 0.000000E+00 |
| 2332 | 261.713 | 10.7443 | 0.000000E+00 |
| 2333 | 245.987 | 9.12500 | 0.000000E+00 |
| 2334 | 245.987 | 10.1250 | 0.000000E+00 |
| 2335 | 256.855 | 10.1250 | 0.000000E+00 |
| 2336 | 251.997 | 10.7443 | 0.000000E+00 |
| 2337 | 247.139 | 10.7443 | 0.000000E+00 |
| 2338 | 233.716 | 9.12500 | 0.000000E+00 |
| 2339 | 233.716 | 10.3607 | 0.000000E+00 |
| 2340 | 242.281 | 10.3603 | 0.000000E+00 |
| 2341 | 237.423 | 10.7443 | 0.000000E+00 |
| 2342 | 227.707 | 10.7443 | 0.000000E+00 |
| 2343 | 232.565 | 10.1250 | 0.000000E+00 |
| 2344 | 221.697 | 9.12500 | 0.000000E+00 |
| 2345 | 221.697 | 10.1250 | 0.000000E+00 |
| 2346 | 222.850 | 10.7440 | 0.000000E+00 |
| 2347 | 209.430 | 9.12500 | 0.000000E+00 |
| 2348 | 209.430 | 10.3603 | 0.000000E+00 |
| 2349 | 217.993 | 10.3597 | 0.000000E+00 |
| 2350 | 213.136 | 10.7440 | 0.000000E+00 |
| 2351 | 197.414 | 9.12500 | 0.000000E+00 |
| 2352 | 197.414 | 10.1250 | 0.000000E+00 |
| 2353 | 208.279 | 10.1250 | 0.000000E+00 |
| 2354 | 203.422 | 10.7440 | 0.000000E+00 |
| 2355 | 198.565 | 10.7440 | 0.000000E+00 |
| 2356 | 185.147 | 9.12500 | 0.000000E+00 |
| 2357 | 185.147 | 10.3597 | 0.000000E+00 |
| 2358 | 193.708 | 10.3603 | 0.000000E+00 |
| 2359 | 188.851 | 10.7440 | 0.000000E+00 |
| 2360 | 179.137 | 10.7440 | 0.000000E+00 |
| 2361 | 183.994 | 10.1250 | 0.000000E+00 |
| 2362 | 173.130 | 9.12500 | 0.000000E+00 |
| 2363 | 173.130 | 10.1250 | 0.000000E+00 |
| 2364 | 174.282 | 10.7433 | 0.000000E+00 |
| 2365 | 160.868 | 9.12500 | 0.000000E+00 |
| 2366 | 160.868 | 10.3597 | 0.000000E+00 |
| 2367 | 169.427 | 10.3593 | 0.000000E+00 |
| 2368 | 164.572 | 10.7433 | 0.000000E+00 |
| 2369 | 148.856 | 9.12500 | 0.000000E+00 |
| 2370 | 148.856 | 10.1250 | 0.000000E+00 |
| 2371 | 159.717 | 10.1250 | 0.000000E+00 |
| 2372 | 154.862 | 10.7433 | 0.000000E+00 |
| 2373 | 150.007 | 10.7433 | 0.000000E+00 |
| 2374 | 136.594 | 9.12500 | 0.000000E+00 |
| 2375 | 136.594 | 10.3593 | 0.000000E+00 |
| 2376 | 145.152 | 10.3597 | 0.000000E+00 |
| 2377 | 140.297 | 10.7433 | 0.000000E+00 |
| 2378 | 130.587 | 10.7433 | 0.000000E+00 |
| 2379 | 135.442 | 10.1250 | 0.000000E+00 |
| 2380 | 124.582 | 9.12500 | 0.000000E+00 |
| 2381 | 124.582 | 10.1250 | 0.000000E+00 |
| 2382 | 125.734 | 10.7427 | 0.000000E+00 |
| 2383 | 112.325 | 9.12500 | 0.000000E+00 |
| 2384 | 112.325 | 10.3593 | 0.000000E+00 |
| 2385 | 120.881 | 10.3587 | 0.000000E+00 |
| 2386 | 116.028 | 10.7427 | 0.000000E+00 |
| 2387 | 100.318 | 9.12500 | 0.000000E+00 |
| 2388 | 100.318 | 10.1250 | 0.000000E+00 |
| 2389 | 111.175 | 10.1250 | 0.000000E+00 |
| 2390 | 106.322 | 10.7427 | 0.000000E+00 |
| 2391 | 101.469 | 10.7427 | 0.000000E+00 |
| 2392 | 88.0610 | 9.12500 | 0.000000E+00 |
| 2393 | 88.0610 | 10.3590 | 0.000000E+00 |
| 2394 | 96.6160 | 10.3590 | 0.000000E+00 |
| 2395 | 91.7630 | 10.7427 | 0.000000E+00 |
| 2396 | 82.0570 | 10.7427 | 0.000000E+00 |
| 2397 | 86.9100 | 10.1250 | 0.000000E+00 |
| 2398 | 76.0550 | 9.12500 | 0.000000E+00 |
| 2399 | 76.0550 | 10.1250 | 0.000000E+00 |
| 2400 | 77.2060 | 10.7420 | 0.000000E+00 |
| 2401 | 63.8030 | 9.12500 | 0.000000E+00 |
| 2402 | 63.8030 | 10.3587 | 0.000000E+00 |
| 2403 | 72.3550 | 10.3583 | 0.000000E+00 |
| 2404 | 67.5040 | 10.7420 | 0.000000E+00 |
| 2405 | 51.8010 | 9.12500 | 0.000000E+00 |
| 2406 | 51.8010 | 10.1250 | 0.000000E+00 |
| 2407 | 62.6530 | 10.1250 | 0.000000E+00 |
| 2408 | 57.8020 | 10.7420 | 0.000000E+00 |
| 2409 | 52.9510 | 10.7420 | 0.000000E+00 |
| 2410 | 39.5490 | 9.12500 | 0.000000E+00 |
| 2411 | 39.5490 | 10.3583 | 0.000000E+00 |
| 2412 | 48.1000 | 10.3587 | 0.000000E+00 |
| 2413 | 43.2490 | 10.7420 | 0.000000E+00 |
| 2414 | 33.5470 | 10.7420 | 0.000000E+00 |
| 2415 | 38.3980 | 10.1250 | 0.000000E+00 |
| 2416 | 27.5470 | 9.12500 | 0.000000E+00 |
| 2417 | 27.5470 | 10.1250 | 0.000000E+00 |
| 2418 | 28.8260 | 10.6987 | 0.000000E+00 |
| 2419 | 17.5480 | 9.12500 | 0.000000E+00 |
| 2420 | 17.5480 | 10.1250 | 0.000000E+00 |
| 2421 | 24.1050 | 10.2723 | 0.000000E+00 |
| 2422 | 19.3840 | 10.6987 | 0.000000E+00 |
| 2423 | 7.54900 | 9.12500 | 0.000000E+00 |
| 2424 | 7.54900 | 10.1250 | 0.000000E+00 |
| 2425 | 14.6630 | 10.1250 | 0.000000E+00 |
| 2426 | 9.94200 | 10.6987 | 0.000000E+00 |
| 2427 | 0.500000 | 10.6987 | 0.000000E+00 |
| 2428 | 5.22100 | 10.1250 | 0.000000E+00 |
| 2429 | -8.44900 | 9.12500 | 0.000000E+00 |
| 2430 | -8.44900 | 10.1250 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2431 | -6.12100 | 10.6987 | 0.000000E+00 |
| 2432 | -18.4480 | 9.12500 | 0.000000E+00 |
| 2433 | -18.4480 | 10.1250 | 0.000000E+00 |
| 2434 | -10.8420 | 10.1250 | 0.000000E+00 |
| 2435 | -15.5630 | 10.6987 | 0.000000E+00 |
| 2436 | -28.4470 | 9.12500 | 0.000000E+00 |
| 2437 | -28.4470 | 10.2723 | 0.000000E+00 |
| 2438 | -20.2840 | 10.1250 | 0.000000E+00 |
| 2439 | -25.0050 | 10.6987 | 0.000000E+00 |
| 2440 | -34.4470 | 10.6987 | 0.000000E+00 |
| 2441 | -29.7260 | 10.1250 | 0.000000E+00 |
| 2442 | -40.4490 | 9.12500 | 0.000000E+00 |
| 2443 | -40.4490 | 10.1250 | 0.000000E+00 |
| 2444 | -39.2980 | 10.7420 | 0.000000E+00 |
| 2445 | -52.7010 | 9.12500 | 0.000000E+00 |
| 2446 | -52.7010 | 10.3587 | 0.000000E+00 |
| 2447 | -44.1490 | 10.3583 | 0.000000E+00 |
| 2448 | -49.0000 | 10.7420 | 0.000000E+00 |
| 2449 | -64.7030 | 9.12500 | 0.000000E+00 |
| 2450 | -64.7030 | 10.1250 | 0.000000E+00 |
| 2451 | -53.8510 | 10.1250 | 0.000000E+00 |
| 2452 | -58.7020 | 10.7420 | 0.000000E+00 |
| 2453 | -63.5530 | 10.7420 | 0.000000E+00 |
| 2454 | -76.9550 | 9.12500 | 0.000000E+00 |
| 2455 | -76.9550 | 10.3583 | 0.000000E+00 |
| 2456 | -68.4040 | 10.3587 | 0.000000E+00 |
| 2457 | -73.2550 | 10.7420 | 0.000000E+00 |
| 2458 | -82.9570 | 10.7420 | 0.000000E+00 |
| 2459 | -78.1060 | 10.1250 | 0.000000E+00 |
| 2460 | -88.9610 | 9.12500 | 0.000000E+00 |
| 2461 | -88.9610 | 10.1250 | 0.000000E+00 |
| 2462 | -87.8100 | 10.7427 | 0.000000E+00 |
| 2463 | -101.218 | 9.12500 | 0.000000E+00 |
| 2464 | -101.218 | 10.3590 | 0.000000E+00 |
| 2465 | -92.6630 | 10.3590 | 0.000000E+00 |
| 2466 | -97.5160 | 10.7427 | 0.000000E+00 |
| 2467 | -113.225 | 9.12500 | 0.000000E+00 |
| 2468 | -113.225 | 10.1250 | 0.000000E+00 |
| 2469 | -102.369 | 10.1250 | 0.000000E+00 |
| 2470 | -107.222 | 10.7427 | 0.000000E+00 |
| 2471 | -112.075 | 10.7427 | 0.000000E+00 |
| 2472 | -125.482 | 9.12500 | 0.000000E+00 |
| 2473 | -125.482 | 10.3587 | 0.000000E+00 |
| 2474 | -116.928 | 10.3593 | 0.000000E+00 |
| 2475 | -121.781 | 10.7427 | 0.000000E+00 |
| 2476 | -131.487 | 10.7427 | 0.000000E+00 |
| 2477 | -126.634 | 10.1250 | 0.000000E+00 |
| 2478 | -137.494 | 9.12500 | 0.000000E+00 |
| 2479 | -137.494 | 10.1250 | 0.000000E+00 |
| 2480 | -136.342 | 10.7433 | 0.000000E+00 |
| 2481 | -149.756 | 9.12500 | 0.000000E+00 |
| 2482 | -149.756 | 10.3597 | 0.000000E+00 |
| 2483 | -141.197 | 10.3593 | 0.000000E+00 |
| 2484 | -146.052 | 10.7433 | 0.000000E+00 |
| 2485 | -161.768 | 9.12500 | 0.000000E+00 |
| 2486 | -161.768 | 10.1250 | 0.000000E+00 |
| 2487 | -150.907 | 10.1250 | 0.000000E+00 |
| 2488 | -155.762 | 10.7433 | 0.000000E+00 |
| 2489 | -160.617 | 10.7433 | 0.000000E+00 |
| 2490 | -174.030 | 9.12500 | 0.000000E+00 |
| 2491 | -174.030 | 10.3593 | 0.000000E+00 |
| 2492 | -165.472 | 10.3597 | 0.000000E+00 |
| 2493 | -170.327 | 10.7433 | 0.000000E+00 |
| 2494 | -180.037 | 10.7433 | 0.000000E+00 |
| 2495 | -175.182 | 10.1250 | 0.000000E+00 |
| 2496 | -186.047 | 9.12500 | 0.000000E+00 |
| 2497 | -186.047 | 10.1250 | 0.000000E+00 |
| 2498 | -184.894 | 10.7440 | 0.000000E+00 |
| 2499 | -198.314 | 9.12500 | 0.000000E+00 |
| 2500 | -198.314 | 10.3603 | 0.000000E+00 |
| 2501 | -189.751 | 10.3597 | 0.000000E+00 |
| 2502 | -194.608 | 10.7440 | 0.000000E+00 |
| 2503 | -210.330 | 9.12500 | 0.000000E+00 |
| 2504 | -210.330 | 10.1250 | 0.000000E+00 |
| 2505 | -199.465 | 10.1250 | 0.000000E+00 |
| 2506 | -204.322 | 10.7440 | 0.000000E+00 |
| 2507 | -209.179 | 10.7440 | 0.000000E+00 |
| 2508 | -222.597 | 9.12500 | 0.000000E+00 |
| 2509 | -222.597 | 10.3597 | 0.000000E+00 |
| 2510 | -214.036 | 10.3603 | 0.000000E+00 |
| 2511 | -218.893 | 10.7440 | 0.000000E+00 |
| 2512 | -228.607 | 10.7440 | 0.000000E+00 |
| 2513 | -223.750 | 10.1250 | 0.000000E+00 |
| 2514 | -234.616 | 9.12500 | 0.000000E+00 |
| 2515 | -234.616 | 10.1250 | 0.000000E+00 |
| 2516 | -233.465 | 10.7443 | 0.000000E+00 |
| 2517 | -246.887 | 9.12500 | 0.000000E+00 |
| 2518 | -246.887 | 10.3603 | 0.000000E+00 |
| 2519 | -238.323 | 10.3607 | 0.000000E+00 |
| 2520 | -243.181 | 10.7443 | 0.000000E+00 |
| 2521 | -258.907 | 9.12500 | 0.000000E+00 |
| 2522 | -258.907 | 10.1250 | 0.000000E+00 |
| 2523 | -248.039 | 10.1250 | 0.000000E+00 |
| 2524 | -252.897 | 10.7443 | 0.000000E+00 |
| 2525 | -257.755 | 10.7443 | 0.000000E+00 |
| 2526 | -271.178 | 9.12500 | 0.000000E+00 |
| 2527 | -271.178 | 10.3607 | 0.000000E+00 |
| 2528 | -262.613 | 10.3603 | 0.000000E+00 |
| 2529 | -267.471 | 10.7443 | 0.000000E+00 |
| 2530 | -277.187 | 10.7443 | 0.000000E+00 |
| 2531 | -272.329 | 10.1250 | 0.000000E+00 |
| 2532 | -283.198 | 9.12500 | 0.000000E+00 |
| 2533 | -283.198 | 10.1250 | 0.000000E+00 |
| 2534 | -282.046 | 10.7447 | 0.000000E+00 |
| 2535 | -295.471 | 9.12500 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2536 | -295.471 | 10.3607 | 0.000000E+00 |
| 2537 | -286.905 | 10.3607 | 0.000000E+00 |
| 2538 | -291.764 | 10.7447 | 0.000000E+00 |
| 2539 | -307.493 | 9.12500 | 0.000000E+00 |
| 2540 | -307.493 | 10.1250 | 0.000000E+00 |
| 2541 | -296.623 | 10.1250 | 0.000000E+00 |
| 2542 | -301.482 | 10.7447 | 0.000000E+00 |
| 2543 | -306.341 | 10.7447 | 0.000000E+00 |
| 2544 | -319.766 | 9.12500 | 0.000000E+00 |
| 2545 | -319.766 | 10.3607 | 0.000000E+00 |
| 2546 | -311.200 | 10.3607 | 0.000000E+00 |
| 2547 | -316.059 | 10.7447 | 0.000000E+00 |
| 2548 | -325.777 | 10.7447 | 0.000000E+00 |
| 2549 | -320.918 | 10.1250 | 0.000000E+00 |
| 2550 | -331.783 | 9.12500 | 0.000000E+00 |
| 2551 | -331.783 | 10.1250 | 0.000000E+00 |
| 2552 | -330.639 | 10.7456 | 0.000000E+00 |
| 2553 | -341.792 | 9.12500 | 0.000000E+00 |
| 2554 | -341.792 | 10.1250 | 0.000000E+00 |
| 2555 | -335.500 | 10.3641 | 0.000000E+00 |
| 2556 | -340.362 | 10.7456 | 0.000000E+00 |
| 2557 | -351.801 | 9.12500 | 0.000000E+00 |
| 2558 | -351.801 | 10.1250 | 0.000000E+00 |
| 2559 | -345.224 | 10.2690 | 0.000000E+00 |
| 2560 | -350.086 | 10.7456 | 0.000000E+00 |
| 2561 | -359.809 | 10.7456 | 0.000000E+00 |
| 2562 | -354.947 | 10.1738 | 0.000000E+00 |
| 2563 | -360.409 | 10.1250 | 0.000000E+00 |
| 2564 | -1.40000 | 10.1250 | 0.000000E+00 |
| 2565 | -0.400000 | 10.1250 | 0.000000E+00 |
| 2566 | 407.610 | 10.1250 | 0.000000E+00 |
| 2567 | -360.409 | 5.62500 | 0.000000E+00 |
| 2568 | -359.242 | 9.12500 | 0.000000E+00 |
| 2569 | -359.242 | 5.62500 | 0.000000E+00 |
| 2570 | -0.500000 | 5.62500 | 0.000000E+00 |
| 2571 | 0.666667 | 9.12500 | 0.000000E+00 |
| 2572 | 0.666667 | 5.62500 | 0.000000E+00 |
| 2573 | -0.400000 | 5.62500 | 0.000000E+00 |
| 2574 | 0.766667 | 9.12500 | 0.000000E+00 |
| 2575 | 0.766667 | 5.62500 | 0.000000E+00 |
| 2576 | 408.210 | 5.62500 | 0.000000E+00 |
| 2577 | 409.377 | 9.12500 | 0.000000E+00 |
| 2578 | 409.377 | 5.62500 | 0.000000E+00 |
| 2579 | 407.610 | 9.12500 | -2.50000 |
| 2580 | 407.610 | 8.12500 | -2.50000 |
| 2581 | -359.809 | 2.12500 | -2.50000 |
| 2582 | -359.809 | 9.12500 | -2.50000 |
| 2583 | 407.610 | 2.12500 | -2.50000 |
| 2584 | 407.610 | 9.12500 | -2.50000 |
| 2585 | -361.409 | 5.62500 | 0.000000E+00 |
| 2586 | 409.210 | 5.62500 | 0.000000E+00 |
| 2587 | -359.809 | 5.62500 | -2.90000 |
| 2588 | -325.777 | 5.62500 | -8.80000 |
| 2589 | -277.187 | 5.62500 | -9.30000 |
| 2590 | -228.607 | 5.62500 | -9.80000 |
| 2591 | -180.037 | 5.62500 | -10.3000 |
| 2592 | -131.487 | 5.62500 | -10.5500 |
| 2593 | -82.9570 | 5.62500 | -11.3000 |
| 2594 | -34.4470 | 5.62500 | -11.5500 |
| 2595 | -0.447000 | 5.62500 | -12.3000 |
| 2596 | 33.5470 | 5.62500 | -11.8000 |
| 2597 | 82.0570 | 5.62500 | -11.3000 |
| 2598 | 130.587 | 5.62500 | -11.3000 |
| 2599 | 179.137 | 5.62500 | -11.0500 |
| 2600 | 227.707 | 5.62500 | -10.3000 |
| 2601 | 276.287 | 5.62500 | -10.3000 |
| 2602 | 324.877 | 5.62500 | -10.5500 |
| 2603 | 373.578 | 5.62500 | -10.5500 |
| 2604 | 407.610 | 5.62500 | -2.90000 |
| 2605 | -359.809 | 2.12500 | -2.50000 |
| 2606 | -359.809 | 9.12500 | -2.50000 |
| 2607 | 0.500000 | 2.12500 | -2.50000 |
| 2608 | 0.500000 | 9.12500 | -2.50000 |
| 2609 | 407.610 | 2.12500 | -2.50000 |
| 2610 | 407.610 | 9.12500 | -2.50000 |
| 2611 | -359.809 | 5.62500 | -2.90000 |
| 2612 | 407.610 | 5.62500 | -2.90000 |
| 2613 | -358.809 | 2.12500 | -2.50000 |
| 2614 | -359.809 | 3.12500 | -2.50000 |
| 2615 | -358.809 | 9.12500 | -2.50000 |
| 2616 | -359.809 | 10.1250 | -2.50000 |
| 2617 | -324.777 | 2.12500 | -2.50000 |
| 2618 | -325.777 | 3.12500 | -2.50000 |
| 2619 | -324.777 | 9.12500 | -2.50000 |
| 2620 | -325.777 | 10.1250 | -2.50000 |
| 2621 | -276.187 | 2.12500 | -2.50000 |
| 2622 | -277.187 | 3.12500 | -2.50000 |
| 2623 | -276.187 | 9.12500 | -2.50000 |
| 2624 | -277.187 | 10.1250 | -2.50000 |
| 2625 | -227.607 | 2.12500 | -2.50000 |
| 2626 | -228.607 | 3.12500 | -2.50000 |
| 2627 | -227.607 | 9.12500 | -2.50000 |
| 2628 | -228.607 | 10.1250 | -2.50000 |
| 2629 | -179.037 | 2.12500 | -2.50000 |
| 2630 | -180.037 | 3.12500 | -2.50000 |
| 2631 | -179.037 | 9.12500 | -2.50000 |
| 2632 | -180.037 | 10.1250 | -2.50000 |
| 2633 | -130.487 | 2.12500 | -2.50000 |
| 2634 | -131.487 | 3.12500 | -2.50000 |
| 2635 | -130.487 | 9.12500 | -2.50000 |
| 2636 | -131.487 | 10.1250 | -2.50000 |
| 2637 | -81.9570 | 2.12500 | -2.50000 |
| 2638 | -82.9570 | 3.12500 | -2.50000 |
| 2639 | -81.9570 | 9.12500 | -2.50000 |
| 2640 | -82.9570 | 10.1250 | -2.50000 |

| | | | |
|------|-----------|---------|--------------|
| 2641 | -33.4470 | 2.12500 | -2.50000 |
| 2642 | -34.4470 | 3.12500 | -2.50000 |
| 2643 | -33.4470 | 9.12500 | -2.50000 |
| 2644 | -34.4470 | 10.1250 | -2.50000 |
| 2645 | -0.400000 | 2.12500 | -2.50000 |
| 2646 | -1.40000 | 3.12500 | -2.50000 |
| 2647 | -0.400000 | 9.12500 | -2.50000 |
| 2648 | -1.40000 | 10.1250 | -2.50000 |
| 2649 | 1.50000 | 2.12500 | -2.50000 |
| 2650 | 0.500000 | 3.12500 | -2.50000 |
| 2651 | 1.50000 | 9.12500 | -2.50000 |
| 2652 | 0.500000 | 10.1250 | -2.50000 |
| 2653 | 34.5470 | 2.12500 | -2.50000 |
| 2654 | 33.5470 | 3.12500 | -2.50000 |
| 2655 | 34.5470 | 9.12500 | -2.50000 |
| 2656 | 33.5470 | 10.1250 | -2.50000 |
| 2657 | 83.0570 | 2.12500 | -2.50000 |
| 2658 | 82.0570 | 3.12500 | -2.50000 |
| 2659 | 83.0570 | 9.12500 | -2.50000 |
| 2660 | 82.0570 | 10.1250 | -2.50000 |
| 2661 | 131.587 | 2.12500 | -2.50000 |
| 2662 | 130.587 | 3.12500 | -2.50000 |
| 2663 | 131.587 | 9.12500 | -2.50000 |
| 2664 | 130.587 | 10.1250 | -2.50000 |
| 2665 | 180.137 | 2.12500 | -2.50000 |
| 2666 | 179.137 | 3.12500 | -2.50000 |
| 2667 | 180.137 | 9.12500 | -2.50000 |
| 2668 | 179.137 | 10.1250 | -2.50000 |
| 2669 | 228.707 | 2.12500 | -2.50000 |
| 2670 | 227.707 | 3.12500 | -2.50000 |
| 2671 | 228.707 | 9.12500 | -2.50000 |
| 2672 | 227.707 | 10.1250 | -2.50000 |
| 2673 | 277.287 | 2.12500 | -2.50000 |
| 2674 | 276.287 | 3.12500 | -2.50000 |
| 2675 | 277.287 | 9.12500 | -2.50000 |
| 2676 | 276.287 | 10.1250 | -2.50000 |
| 2677 | 325.877 | 2.12500 | -2.50000 |
| 2678 | 324.877 | 3.12500 | -2.50000 |
| 2679 | 325.877 | 9.12500 | -2.50000 |
| 2680 | 324.877 | 10.1250 | -2.50000 |
| 2681 | 374.578 | 2.12500 | -2.50000 |
| 2682 | 373.578 | 3.12500 | -2.50000 |
| 2683 | 374.578 | 9.12500 | -2.50000 |
| 2684 | 373.578 | 10.1250 | -2.50000 |
| 2685 | 406.610 | 2.12500 | -2.50000 |
| 2686 | 407.610 | 1.12500 | -2.50000 |
| 2687 | 406.610 | 9.12500 | -2.50000 |
| 2688 | 407.610 | 8.12500 | -2.50000 |
| 2689 | -360.409 | 5.62500 | 0.000000E+00 |
| 2690 | -361.409 | 6.62500 | 0.000000E+00 |
| 2691 | 0.500000 | 5.62500 | 0.000000E+00 |
| 2692 | -0.500000 | 6.62500 | 0.000000E+00 |
| 2693 | 408.210 | 5.62500 | 0.000000E+00 |
| 2694 | 409.210 | 4.62500 | 0.000000E+00 |
| 2695 | -358.809 | 5.62500 | -2.90000 |
| 2696 | -359.809 | 6.62500 | -2.90000 |
| 2697 | -324.777 | 5.62500 | -8.80000 |
| 2698 | -325.777 | 6.62500 | -8.80000 |
| 2699 | -276.187 | 5.62500 | -9.30000 |
| 2700 | -277.187 | 6.62500 | -9.30000 |
| 2701 | -227.607 | 5.62500 | -9.80000 |
| 2702 | -228.607 | 6.62500 | -9.80000 |
| 2703 | -179.037 | 5.62500 | -10.3000 |
| 2704 | -180.037 | 6.62500 | -10.3000 |
| 2705 | -130.487 | 5.62500 | -10.5500 |
| 2706 | -131.487 | 6.62500 | -10.5500 |
| 2707 | -81.9570 | 5.62500 | -11.3000 |
| 2708 | -82.9570 | 6.62500 | -11.3000 |
| 2709 | -33.4470 | 5.62500 | -11.5500 |
| 2710 | -34.4470 | 6.62500 | -11.5500 |
| 2711 | 0.553000 | 5.62500 | -12.3000 |
| 2712 | -0.447000 | 6.62500 | -12.3000 |
| 2713 | 34.5470 | 5.62500 | -11.8000 |
| 2714 | 33.5470 | 6.62500 | -11.8000 |
| 2715 | 83.0570 | 5.62500 | -11.3000 |
| 2716 | 82.0570 | 6.62500 | -11.3000 |
| 2717 | 131.587 | 5.62500 | -11.3000 |
| 2718 | 130.587 | 6.62500 | -11.3000 |
| 2719 | 180.137 | 5.62500 | -11.0500 |
| 2720 | 179.137 | 6.62500 | -11.0500 |
| 2721 | 228.707 | 5.62500 | -10.3000 |
| 2722 | 227.707 | 6.62500 | -10.3000 |
| 2723 | 277.287 | 5.62500 | -10.3000 |
| 2724 | 276.287 | 6.62500 | -10.3000 |
| 2725 | 325.877 | 5.62500 | -10.5500 |
| 2726 | 324.877 | 6.62500 | -10.5500 |
| 2727 | 374.578 | 5.62500 | -10.5500 |
| 2728 | 373.578 | 6.62500 | -10.5500 |
| 2729 | 408.610 | 5.62500 | -2.90000 |
| 2730 | 407.610 | 6.62500 | -2.90000 |
| 2731 | -358.809 | 2.12500 | -2.50000 |
| 2732 | -359.809 | 3.12500 | -2.50000 |
| 2733 | -358.809 | 9.12500 | -2.50000 |
| 2734 | -359.809 | 10.1250 | -2.50000 |
| 2735 | 1.50000 | 2.12500 | -2.50000 |
| 2736 | 0.500000 | 3.12500 | -2.50000 |
| 2737 | 1.50000 | 9.12500 | -2.50000 |
| 2738 | 0.500000 | 10.1250 | -2.50000 |
| 2739 | 406.610 | 2.12500 | -2.50000 |
| 2740 | 407.610 | 1.12500 | -2.50000 |
| 2741 | 406.610 | 9.12500 | -2.50000 |
| 2742 | 407.610 | 8.12500 | -2.50000 |

TOTAL NUMBER OF NODES = 2742
LARGEST NODE NUMBER = 2742

DATA STORAGE LOCATIONS USED = 19194

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

C1 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

BMI21 ELEMENTS
1 1ST NODE AREA =2.534 IYY =1.935 IZZ =4.866 KT =0.2548E-01 ASZ =1.658
ASY =1.736 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =2.534 IYY =1.935 IZZ =4.866 KT =0.2548E-01 ASZ =1.658
ASY =1.736 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 8.000 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 =0.1773E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C1 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

BMI21 ELEMENTS
51 1ST NODE AREA =2.534 IYY =1.935 IZZ =4.866 KT =0.2548E-01 ASZ =1.658
ASY =1.736 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =2.534 IYY =1.935 IZZ =4.866 KT =0.2548E-01 ASZ =1.658
ASY =1.736 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 =0.1773E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C2 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

BMI21 ELEMENTS
2 1ST NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 8.000 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 =0.2002E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C2 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

BMI21 ELEMENTS
52 1ST NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 =0.2002E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | |
|--|-----------------|-------------|----------------|----------------|-----------------|------------|--|--|--|--|
| 3 | 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | | | |
| | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | | |
| | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | |
|--|-----------------|-------------|----------------|----------------|-----------------|------------|--|--|--|--|
| 53 | 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | | | |
| | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | | |
| | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | | |

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

C4 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | |
|--|-----------------|-------------|----------------|----------------|-----------------|------------|--|--|--|--|
| 54 | 1ST NODE | AREA =2.961 | IYY =2.819 | IZZ =5.350 | KT =0.2593E-01 | ASZ =1.714 | | | | |
| | | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =2.961 | IYY =2.819 | IZZ =5.350 | KT =0.2593E-01 | ASZ =1.714 | | | | |
| | | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | | | |
| | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | MF1 =0.2145E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | | |
| | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | | |

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

C4_cracked (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | |
|--|-----------------|-------------|----------------|----------------|-----------------|------------|--|--|--|--|
| 4 | 1ST NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 | | | | |
| | | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 | | | | |
| | | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | | | |
| | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | MF1 =0.4794E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | | |
| | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | | |

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|--|--|--|--|
| 5 | 1ST NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 | | | | |
| | | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 | | | | |
| | | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

SF1 = 1.000 SF2 = 1.000 SF3 = 8.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.1951E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase3
 PROPERTY

BMI21 ELEMENTS

55 1ST NODE AREA =2.636 IYY =2.407 IZZ =5.023 KT =0.2565E-01 ASZ =1.658
 ASY =1.816 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.636 IYY =2.407 IZZ =5.023 KT =0.2565E-01 ASZ =1.658
 ASY =1.816 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.1951E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
 PROPERTY

BMI21 ELEMENTS

6 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

SF1 = 1.000 SF2 = 1.000 SF3 = 8.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.2051E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase3
 PROPERTY

BMI21 ELEMENTS

56 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.2051E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_riva (Sct5 (RSS D=0.3 B=4.72)) & modifier_Jz_soletta
 PROPERTY

BMI21 ELEMENTS

7 1ST NODE AREA =1.416 IYY =0.1062E-01 IZZ =2.629 KT =0.4078E-01 ASZ =1.182
 ASY =1.180 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =1.416 IYY =0.1062E-01 IZZ =2.629 KT =0.4078E-01 ASZ =1.182
 ASY =1.180 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_interne (Sct7 (RSS D=0.3 B=4.86)) & modifier_Jz_soletta
PROPERTY

BMI21 ELEMENTS
8 1ST NODE AREA =1.458 IYY =0.1093E-01 IZZ =2.870 KT =0.4204E-01 ASZ =1.217
ASY =1.215 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.458 IYY =0.1093E-01 IZZ =2.870 KT =0.4204E-01 ASZ =1.217
ASY =1.215 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_riva_terminali (Sct4 (RSS D=0.3 B=2.9)) & modifier_Jz_soletta
PROPERTY

BMI21 ELEMENTS
9 1ST NODE AREA =0.8700 IYY =0.6525E-02 IZZ =0.6097 KT =0.2440E-01 ASZ =0.7258
ASY =0.7250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.8700 IYY =0.6525E-02 IZZ =0.6097 KT =0.2440E-01 ASZ =0.7258
ASY =0.7250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_riva_estremi (el_soletta_estremi (RSS D=0.3 B=0.05)) & modifier_Jz_soletta
PROPERTY

BMI21 ELEMENTS
10 1ST NODE AREA =0.1500E-01 IYY =0.1125E-03 IZZ =0.3125E-05 KT =0.1119E-04 ASZ =0.1250E-01
ASY =0.1251E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1500E-01 IYY =0.1125E-03 IZZ =0.3125E-05 KT =0.1119E-04 ASZ =0.1250E-01
ASY =0.1251E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

traversi_appoggio (Sct1 (I D=1 B=0.3 tf=0.02 tw=0.018 r=0))
PROPERTY

BMI21 ELEMENTS
11 1ST NODE AREA =0.2928E-01 IYY =0.4209E-02 IZZ =0.9047E-04 KT =0.3477E-05 ASZ =0.1703E-01
ASY =0.1027E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2928E-01 IYY =0.4209E-02 IZZ =0.9047E-04 KT =0.3477E-05 ASZ =0.1703E-01
ASY =0.1027E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00

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

traversi_intermedi (Sct2 (I D=1 B=0.3 tf=0.02 tw=0.015 r=0))
PROPERTY

BMI21 ELEMENTS
12 1ST NODE AREA =0.2640E-01 IYY =0.3988E-02 IZZ =0.9027E-04 KT =0.2665E-05 ASZ =0.1428E-01
ASY =0.1017E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2640E-01 IYY =0.3988E-02 IZZ =0.9027E-04 KT =0.2665E-05 ASZ =0.1428E-01
ASY =0.1017E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00

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

Pulvino_pila_corrente (Pulvino_corrente (RSS D=2.5 B=1.8))
PROPERTY

| BMI21 | ELEMENTS | AREA | IYY | IZZ | KT | ASZ |
|-------|----------|------------|----------------|----------------|-----------------|------------|
| 13 | 1ST NODE | =4.500 | =2.344 | =1.215 | =2.710 | =3.750 |
| | | ASY =3.751 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| | 2ND NODE | =4.500 | IYY =2.344 | IZZ =1.215 | KT =2.710 | ASZ =3.750 |
| | | ASY =3.751 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

rigid
PROPERTY

| BMI21 | ELEMENTS | AREA | IYY | IZZ | KT | ASZ |
|-------|----------|-----------------|----------------|----------------|-----------------|-----------------|
| 14 | 1ST NODE | =10.00 | =100.0 | =100.0 | =100.0 | =0.1000E+05 |
| | | ASY =0.1000E+05 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| | 2ND NODE | =10.00 | IYY =100.0 | IZZ =100.0 | KT =100.0 | ASZ =0.1000E+05 |
| | | ASY =0.1000E+05 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

Pila_Corrente (Fusto_pila_tipo)
PROPERTY

| BMI21 | ELEMENTS | AREA | IYY | IZZ | KT | ASZ |
|-------|----------|------------|----------------|----------------|------------------|------------|
| 15 | 1ST NODE | =6.927 | =7.940 | =23.78 | =22.73 | =1.720 |
| | | ASY =4.929 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =-0.2837E-13 | |
| | 2ND NODE | =6.927 | IYY =7.940 | IZZ =23.78 | KT =22.73 | ASZ =1.720 |
| | | ASY =4.929 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =-0.2837E-13 | |

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

Plinto_Pila_corrente (Plinto_corrente (RSS D=9.6 B=6) R90)
PROPERTY

| BMI21 | ELEMENTS | AREA | IYY | IZZ | KT | ASZ |
|-------|----------|------------|----------------|----------------|-----------------|------------|
| 16 | 1ST NODE | =57.60 | =172.8 | =442.4 | =422.5 | =48.01 |
| | | ASY =48.00 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| | 2ND NODE | =57.60 | IYY =172.8 | IZZ =442.4 | KT =422.5 | ASZ =48.01 |
| | | ASY =48.00 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

Pulvino_pila_P8 (Pulvino_P8 (RSS D=2.5 B=3.3))
PROPERTY

| BMI21 | ELEMENTS | AREA | IYY | IZZ | KT | ASZ |
|-------|----------|------------|----------------|----------------|-----------------|------------|
| 17 | 1ST NODE | =8.250 | =4.297 | =7.487 | =9.236 | =6.876 |
| | | ASY =6.876 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| | 2ND NODE | =8.250 | IYY =4.297 | IZZ =7.487 | KT =9.236 | ASZ =6.876 |
| | | ASY =6.876 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

Plinto_Pila_P8 (Plinto_P8 (RSS D=9.6 B=9.6) R90)
PROPERTY

| BMI21 | ELEMENTS | AREA | IYY | IZZ | KT | ASZ |
|-------|----------|------------|----------------|----------------|-----------------|------------|
| 18 | 1ST NODE | =92.16 | =707.8 | =707.8 | =1194. | =76.81 |
| | | ASY =76.81 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| | 2ND NODE | =92.16 | IYY =707.8 | IZZ =707.8 | KT =1194. | ASZ =76.81 |
| | | ASY =76.81 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

PilaP8 (Fusto_P8)
PROPERTY

| | | | | | | | | |
|-------|----------|-------------|----------------|----------------|-----------------|------------|--|--|
| BMI21 | | ELEMENTS | | | | | | |
| 19 | 1ST NODE | AREA =12.78 | IYY =32.10 | IZZ =42.31 | KT =62.60 | ASZ =3.264 | | |
| | | ASY =9.320 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.2595E-13 | | | |
| | 2ND NODE | AREA =12.78 | IYY =32.10 | IZZ =42.31 | KT =62.60 | ASZ =3.264 | | |
| | | ASY =9.320 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.2595E-13 | | | |

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

joints
PROPERTY

JSH4 ELEMENTS
20 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 2132

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

| FIRST ELEMENT | LAST ELEMENT | DIFF- ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|------------------|-----------------|-----------------|------------------|------------------|
| 1 | 4 | 1 | 14 | 32 |
| 5 | 8 | 1 | 13 | 31 |
| 9 | 0 | 0 | 14 | 32 |
| 10 | 17 | 1 | 15 | 33 |
| 18 | 19 | 1 | 14 | 32 |
| 20 | 23 | 1 | 13 | 31 |
| 24 | 0 | 0 | 14 | 32 |
| 25 | 32 | 1 | 15 | 33 |
| 33 | 34 | 1 | 14 | 32 |
| 35 | 36 | 1 | 16 | 34 |
| 37 | 38 | 1 | 14 | 32 |
| 39 | 42 | 1 | 13 | 31 |
| 43 | 0 | 0 | 14 | 32 |
| 44 | 51 | 1 | 15 | 33 |
| 52 | 0 | 0 | 16 | 34 |
| 53 | 56 | 1 | 14 | 32 |
| 57 | 60 | 1 | 13 | 31 |
| 61 | 0 | 0 | 14 | 32 |
| 62 | 69 | 1 | 15 | 33 |
| 70 | 0 | 0 | 16 | 34 |
| 71 | 74 | 1 | 14 | 32 |
| 75 | 78 | 1 | 13 | 31 |
| 79 | 0 | 0 | 14 | 32 |
| 80 | 87 | 1 | 15 | 33 |
| 88 | 0 | 0 | 16 | 34 |
| 89 | 92 | 1 | 14 | 32 |
| 93 | 96 | 1 | 13 | 31 |
| 97 | 0 | 0 | 14 | 32 |
| 98 | 105 | 1 | 15 | 33 |
| 106 | 0 | 0 | 16 | 34 |
| 107 | 110 | 1 | 14 | 32 |
| 111 | 114 | 1 | 13 | 31 |
| 115 | 0 | 0 | 14 | 32 |
| 116 | 123 | 1 | 15 | 33 |
| 124 | 0 | 0 | 16 | 34 |
| 125 | 128 | 1 | 14 | 32 |
| 129 | 132 | 1 | 13 | 31 |
| 133 | 0 | 0 | 14 | 32 |
| 134 | 141 | 1 | 15 | 33 |
| 142 | 0 | 0 | 16 | 34 |
| 143 | 146 | 1 | 14 | 32 |
| 147 | 150 | 1 | 13 | 31 |
| 151 | 0 | 0 | 14 | 32 |
| 152 | 159 | 1 | 15 | 33 |
| 160 | 0 | 0 | 16 | 34 |
| 161 | 164 | 1 | 14 | 32 |
| 165 | 168 | 1 | 13 | 31 |
| 169 | 0 | 0 | 14 | 32 |
| 170 | 177 | 1 | 15 | 33 |
| 178 | 0 | 0 | 16 | 34 |
| 179 | 182 | 1 | 14 | 32 |
| 183 | 186 | 1 | 13 | 31 |
| 187 | 0 | 0 | 14 | 32 |
| 188 | 195 | 1 | 15 | 33 |
| 196 | 0 | 0 | 16 | 34 |
| 197 | 200 | 1 | 14 | 32 |
| 201 | 204 | 1 | 13 | 31 |
| 205 | 0 | 0 | 14 | 32 |
| 206 | 213 | 1 | 15 | 33 |
| 214 | 0 | 0 | 16 | 34 |
| 215 | 218 | 1 | 14 | 32 |
| 219 | 222 | 1 | 13 | 31 |
| 223 | 0 | 0 | 14 | 32 |
| 224 | 231 | 1 | 15 | 33 |
| 232 | 0 | 0 | 16 | 34 |
| 233 | 236 | 1 | 14 | 32 |
| 237 | 240 | 1 | 13 | 31 |
| 241 | 0 | 0 | 14 | 32 |
| 242 | 249 | 1 | 15 | 33 |
| 250 | 0 | 0 | 16 | 34 |
| 251 | 254 | 1 | 14 | 32 |
| 255 | 258 | 1 | 13 | 31 |
| 259 | 0 | 0 | 14 | 32 |

| | | | | |
|------|------|---|----|----|
| 260 | 267 | 1 | 15 | 33 |
| 268 | 0 | 0 | 16 | 34 |
| 269 | 270 | 1 | 14 | 32 |
| 271 | 274 | 1 | 17 | 35 |
| 275 | 0 | 0 | 14 | 32 |
| 276 | 283 | 1 | 19 | 37 |
| 284 | 0 | 0 | 18 | 36 |
| 285 | 333 | 1 | 14 | 32 |
| 334 | 338 | 1 | 11 | 27 |
| 339 | 479 | 1 | 12 | 28 |
| 480 | 493 | 1 | 11 | 27 |
| 494 | 0 | 0 | 9 | 17 |
| 495 | 496 | 1 | 8 | 16 |
| 497 | 521 | 1 | 7 | 15 |
| 522 | 629 | 1 | 8 | 16 |
| 630 | 638 | 1 | 7 | 15 |
| 639 | 645 | 1 | 8 | 16 |
| 646 | 647 | 1 | 9 | 17 |
| 648 | 652 | 1 | 8 | 16 |
| 653 | 0 | 0 | 9 | 17 |
| 654 | 655 | 1 | 8 | 16 |
| 656 | 673 | 1 | 7 | 15 |
| 674 | 781 | 1 | 8 | 16 |
| 782 | 790 | 1 | 7 | 15 |
| 791 | 797 | 1 | 8 | 16 |
| 798 | 799 | 1 | 9 | 17 |
| 800 | 804 | 1 | 8 | 16 |
| 805 | 808 | 1 | 10 | 18 |
| 809 | 0 | 0 | 9 | 17 |
| 810 | 811 | 1 | 8 | 16 |
| 812 | 829 | 1 | 7 | 15 |
| 830 | 937 | 1 | 8 | 16 |
| 938 | 946 | 1 | 7 | 15 |
| 947 | 953 | 1 | 8 | 16 |
| 954 | 955 | 1 | 9 | 17 |
| 956 | 960 | 1 | 8 | 16 |
| 961 | 964 | 1 | 10 | 18 |
| 965 | 967 | 1 | 7 | 15 |
| 968 | 0 | 0 | 9 | 17 |
| 969 | 972 | 1 | 7 | 15 |
| 973 | 0 | 0 | 9 | 17 |
| 974 | 980 | 1 | 7 | 15 |
| 981 | 0 | 0 | 9 | 17 |
| 982 | 983 | 1 | 51 | 1 |
| 984 | 986 | 1 | 55 | 11 |
| 987 | 989 | 1 | 56 | 13 |
| 990 | 993 | 1 | 54 | 8 |
| 994 | 996 | 1 | 53 | 7 |
| 997 | 1000 | 1 | 52 | 3 |
| 1001 | 1003 | 1 | 53 | 7 |
| 1004 | 1007 | 1 | 54 | 8 |
| 1008 | 1010 | 1 | 53 | 7 |
| 1011 | 1014 | 1 | 52 | 3 |
| 1015 | 1017 | 1 | 53 | 7 |
| 1018 | 1021 | 1 | 54 | 8 |
| 1022 | 1024 | 1 | 53 | 7 |
| 1025 | 1028 | 1 | 52 | 3 |
| 1029 | 1031 | 1 | 53 | 7 |
| 1032 | 1035 | 1 | 54 | 8 |
| 1036 | 1038 | 1 | 53 | 7 |
| 1039 | 1042 | 1 | 52 | 3 |
| 1043 | 1045 | 1 | 53 | 7 |
| 1046 | 1049 | 1 | 54 | 8 |
| 1050 | 1052 | 1 | 53 | 7 |
| 1053 | 1056 | 1 | 52 | 3 |
| 1057 | 1059 | 1 | 53 | 7 |
| 1060 | 1063 | 1 | 54 | 8 |
| 1064 | 1066 | 1 | 53 | 7 |
| 1067 | 1070 | 1 | 52 | 3 |
| 1071 | 1073 | 1 | 53 | 7 |
| 1074 | 1077 | 1 | 54 | 8 |
| 1078 | 1080 | 1 | 53 | 7 |
| 1081 | 1084 | 1 | 52 | 3 |
| 1085 | 1087 | 1 | 53 | 7 |
| 1088 | 1091 | 1 | 54 | 8 |
| 1092 | 1094 | 1 | 56 | 13 |
| 1095 | 1097 | 1 | 55 | 11 |
| 1098 | 1101 | 1 | 51 | 1 |
| 1102 | 1104 | 1 | 55 | 11 |
| 1105 | 1107 | 1 | 56 | 13 |
| 1108 | 1111 | 1 | 54 | 8 |
| 1112 | 1114 | 1 | 53 | 7 |
| 1115 | 1118 | 1 | 52 | 3 |
| 1119 | 1121 | 1 | 53 | 7 |
| 1122 | 1125 | 1 | 54 | 8 |
| 1126 | 1128 | 1 | 53 | 7 |
| 1129 | 1132 | 1 | 52 | 3 |
| 1133 | 1135 | 1 | 53 | 7 |
| 1136 | 1139 | 1 | 54 | 8 |
| 1140 | 1142 | 1 | 53 | 7 |
| 1143 | 1146 | 1 | 52 | 3 |
| 1147 | 1149 | 1 | 53 | 7 |
| 1150 | 1153 | 1 | 54 | 8 |
| 1154 | 1156 | 1 | 53 | 7 |
| 1157 | 1160 | 1 | 52 | 3 |
| 1161 | 1163 | 1 | 53 | 7 |
| 1164 | 1167 | 1 | 54 | 8 |
| 1168 | 1170 | 1 | 53 | 7 |
| 1171 | 1174 | 1 | 52 | 3 |
| 1175 | 1177 | 1 | 53 | 7 |
| 1178 | 1181 | 1 | 54 | 8 |
| 1182 | 1184 | 1 | 53 | 7 |
| 1185 | 1188 | 1 | 52 | 3 |
| 1189 | 1191 | 1 | 53 | 7 |
| 1192 | 1195 | 1 | 54 | 8 |

| | | | | |
|------|------|---|----|----|
| 1196 | 1198 | 1 | 53 | 7 |
| 1199 | 1201 | 1 | 55 | 11 |
| 1202 | 1209 | 1 | 51 | 1 |
| 1210 | 1212 | 1 | 55 | 11 |
| 1213 | 1215 | 1 | 56 | 13 |
| 1216 | 1219 | 1 | 54 | 8 |
| 1220 | 1222 | 1 | 53 | 7 |
| 1223 | 1226 | 1 | 52 | 3 |
| 1227 | 1229 | 1 | 53 | 7 |
| 1230 | 1233 | 1 | 54 | 8 |
| 1234 | 1236 | 1 | 53 | 7 |
| 1237 | 1240 | 1 | 52 | 3 |
| 1241 | 1243 | 1 | 53 | 7 |
| 1244 | 1247 | 1 | 54 | 8 |
| 1248 | 1250 | 1 | 53 | 7 |
| 1251 | 1254 | 1 | 52 | 3 |
| 1255 | 1257 | 1 | 53 | 7 |
| 1258 | 1261 | 1 | 54 | 8 |
| 1262 | 1264 | 1 | 53 | 7 |
| 1265 | 1268 | 1 | 52 | 3 |
| 1269 | 1271 | 1 | 53 | 7 |
| 1272 | 1275 | 1 | 54 | 8 |
| 1276 | 1278 | 1 | 53 | 7 |
| 1279 | 1282 | 1 | 52 | 3 |
| 1283 | 1285 | 1 | 53 | 7 |
| 1286 | 1289 | 1 | 54 | 8 |
| 1290 | 1292 | 1 | 53 | 7 |
| 1293 | 1296 | 1 | 52 | 3 |
| 1297 | 1299 | 1 | 53 | 7 |
| 1300 | 1303 | 1 | 54 | 8 |
| 1304 | 1306 | 1 | 53 | 7 |
| 1307 | 1310 | 1 | 52 | 3 |
| 1311 | 1313 | 1 | 53 | 7 |
| 1314 | 1317 | 1 | 54 | 8 |
| 1318 | 1320 | 1 | 56 | 13 |
| 1321 | 1323 | 1 | 55 | 11 |
| 1324 | 1327 | 1 | 51 | 1 |
| 1328 | 1330 | 1 | 55 | 11 |
| 1331 | 1333 | 1 | 56 | 13 |
| 1334 | 1337 | 1 | 54 | 8 |
| 1338 | 1340 | 1 | 53 | 7 |
| 1341 | 1344 | 1 | 52 | 3 |
| 1345 | 1347 | 1 | 53 | 7 |
| 1348 | 1351 | 1 | 54 | 8 |
| 1352 | 1354 | 1 | 53 | 7 |
| 1355 | 1358 | 1 | 52 | 3 |
| 1359 | 1361 | 1 | 53 | 7 |
| 1362 | 1365 | 1 | 54 | 8 |
| 1366 | 1368 | 1 | 53 | 7 |
| 1369 | 1372 | 1 | 52 | 3 |
| 1373 | 1375 | 1 | 53 | 7 |
| 1376 | 1379 | 1 | 54 | 8 |
| 1380 | 1382 | 1 | 53 | 7 |
| 1383 | 1386 | 1 | 52 | 3 |
| 1387 | 1389 | 1 | 53 | 7 |
| 1390 | 1393 | 1 | 54 | 8 |
| 1394 | 1396 | 1 | 53 | 7 |
| 1397 | 1400 | 1 | 52 | 3 |
| 1401 | 1403 | 1 | 53 | 7 |
| 1404 | 1407 | 1 | 54 | 8 |
| 1408 | 1410 | 1 | 53 | 7 |
| 1411 | 1414 | 1 | 52 | 3 |
| 1415 | 1417 | 1 | 53 | 7 |
| 1418 | 1421 | 1 | 54 | 8 |
| 1422 | 1424 | 1 | 53 | 7 |
| 1425 | 1427 | 1 | 55 | 11 |
| 1428 | 1433 | 1 | 51 | 1 |
| 1434 | 1441 | 1 | 10 | 18 |
| 1442 | 0 | 0 | 14 | 32 |
| 1443 | 1507 | 1 | 20 | 4 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 248
 TOTAL NUMBER OF ELEMENTS = 1507
 LARGEST ELEMENT NUMBER = 1507
 LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 56
 DATA STORAGE LOCATIONS USED = 4521

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

MATERIAL

giunti
 7 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB2_LB
 21 KX = 0.2824E+07 KY = 0.2824E+07 KZ = 0.2331E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB1_LB
22 KX = 0.1520E+07 KY = 0.1520E+07 KZ = 0.1220E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

Incastro
8 KX = 0.1000E+13 KY = 0.1000E+13 KZ = 0.1000E+13 KTX = 0.1000E+13 KTY = 0.1000E+13 KTZ =
0.1000E+13

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

MATERIAL

HDRB2
9 KX = 0.3530E+07 KY = 0.3530E+07 KZ = 0.2331E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB1
10 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

UL
11 KX = 1.000 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

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

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

MATERIAL

rigido (elastic)
3 E = 0.1000E+13 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL =
0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3 (elastic) - compound BDM_Phase3
1 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL =
0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

rigid_cls_pulvini (elastic)
 $4 \text{ E} = 0.2100\text{E}+15 \text{ NU} = 0.3000 \text{ RHO} = 2500. \text{ ALPHA} = 0.1000\text{E}-04 \text{ ARAYL} = 0.0000\text{E}+00 \text{ BRAYL} = 0.0000\text{E}+00$
 $\text{TEMP} = 0.0000\text{E}+00$

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

MATERIAL

Concrete_short_term_Phase3_sottostrutture (elastic)
 $5 \text{ E} = 0.3335\text{E}+11 \text{ NU} = 0.2000 \text{ RHO} = 2500. \text{ ALPHA} = 0.1000\text{E}-04 \text{ ARAYL} = 0.0000\text{E}+00 \text{ BRAYL} = 0.0000\text{E}+00$
 $\text{TEMP} = 0.0000\text{E}+00$

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

MATERIAL

Concrete_short_term_Phase3_el_sol (elastic)
 $6 \text{ E} = 0.3335\text{E}+11 \text{ NU} = 0.2000 \text{ RHO} = 0.0000\text{E}+00 \text{ ALPHA} = 0.1000\text{E}-04 \text{ ARAYL} = 0.0000\text{E}+00 \text{ BRAYL} = 0.0000\text{E}+00$
 $\text{TEMP} = 0.0000\text{E}+00$

DATA STORAGE LOCATIONS USED = 538

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

| SHRINKAGE SET | FIRST KO ELEMENT SET | LAST SMEARED REINFORCEMENT ELEMENT SET | DIFF-ERENCE | MATERIAL SET | NSET | STRESS PLASTIC | POTENTIAL DATA SET | CREEP SET | DAMAGE SET | LusasM ID NO. | VISCOELASTIC SET | TWO PHASE MATERIAL SET |
|---------------|----------------------|--|-------------|--------------|------|----------------|--------------------|-----------|------------|---------------|------------------|------------------------|
| 0 | 0 | 1 | 4 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 5 | 8 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 10 | 17 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 18 | 19 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 20 | 23 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 24 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 25 | 32 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 33 | 34 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 35 | 36 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 37 | 38 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 39 | 42 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 43 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 44 | 52 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 53 | 56 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 57 | 60 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 61 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 62 | 70 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 71 | 74 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 75 | 78 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 79 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 80 | 88 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 89 | 92 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 93 | 96 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 97 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 98 | 106 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 107 | 110 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |

0 0 1502 1507 1 11 0 0 0 0 29 0 0

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 80

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

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

C O N S T R A I N T E Q U A T I O N S

EQUATION 1 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2581 0 0 THX 1.00000
 2611 0 0 THX -1.00000
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2581 0 0 THY 1.00000
 2611 0 0 THY -1.00000
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2581 0 0 THZ 1.00000
 2611 0 0 THZ -1.00000
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2582 0 0 THX 1.00000
 2611 0 0 THX -1.00000
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2582 0 0 THY 1.00000
 2611 0 0 THY -1.00000
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2582 0 0 THZ 1.00000
 2611 0 0 THZ -1.00000
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2581 0 0 V 1.00000
 2611 0 0 V -1.00000
 2611 0 0 THX 0.400000
 TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2581 0 0 W 0.285714
 2611 0 0 W -0.285714
 2611 0 0 THX 1.00000
 TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2582 0 0 V 1.00000
 2611 0 0 V -1.00000
 2611 0 0 THX 0.400000
 TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | W | 0.285714 |
| 2611 | 0 | 0 | W | -0.285714 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 24
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
 LARGEST NODE NUMBER ENCOUNTERED = 2612
 DATA STORAGE LOCATIONS USED = 227

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

F = FREE
 R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
 S = SPRING
 P1 = VISCOUS TRANSMITTING (PRESSURE WAVE): EXPLICIT DEFINITION
 P2 = VISCOUS TRANSMITTING (PRESSURE WAVE): AUTOMATIC CALCULATION
 Z1 = VISCOUS TRANSMITTING (SHEAR WAVE): EXPLICIT DEFINITION
 Z2 = VISCOUS TRANSMITTING (SHEAR WAVE): AUTOMATIC CALCULATION

| FIRST SUPPORT NODE | LAST SUPPORT NODE | DIFF RNC | SUPPORT CONDITION | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT |
|--------------------|-------------------|----------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 2585 | 2604 | 1 | R R R R R R R | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

TOTAL NUMBER OF SUPPORT NODES = 20
 LARGEST NODE NUMBER = 2604
 DATA STORAGE LOCATIONS USED = 210

L O A D C A S E 70

VSM_SLV_SET_A_S1_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2586 | 0 | 0 | 0.143949 | -*- | -*- | -*- | -*- | -*- |
| 2587 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2588 | 0 | 0 | 0.122356E-01 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | 0.296894E-01 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | 0.471432E-01 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | 0.645970E-01 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | 0.820507E-01 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | 0.995045E-01 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | 0.116958 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | 0.129194 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | 0.141430 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 2604 | 1 | 0.143949 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 71

VSM_SLV_SET_A_S1_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2586 | 0 | 0 | -*- | 0.143949 | -*- | -*- | -*- | -*- |
| 2587 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2588 | 0 | 0 | -*- | 0.122356E-01 | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | -*- | 0.296894E-01 | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -*- | 0.471432E-01 | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | -*- | 0.645970E-01 | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -*- | 0.820507E-01 | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | -*- | 0.995045E-01 | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -*- | 0.116958 | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | -*- | 0.129194 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | 0.141430 | -*- | -*- | -*- | -*- |
| 2597 | 2604 | 1 | -*- | 0.143949 | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 72

VSM_SLV_SET_A_S2_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 0 | 0 | 0.143949 | -*- | -*- | -*- | -*- | -*- |
| 2586 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2587 | 2595 | 1 | 0.143949 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | 0.134412 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | 0.116958 | -*- | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | 0.995045E-01 | -*- | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | 0.820507E-01 | -*- | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | 0.645970E-01 | -*- | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | 0.471432E-01 | -*- | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | 0.296894E-01 | -*- | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | 0.122356E-01 | -*- | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 73

VSM_SLV_SET_A_S2_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 0 | 0 | -*- | 0.143949 | -*- | -*- | -*- | -*- |
| 2586 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2587 | 2595 | 1 | -*- | 0.143949 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | 0.134412 | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | -*- | 0.116958 | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -*- | 0.995045E-01 | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | -*- | 0.820507E-01 | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -*- | 0.645970E-01 | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | -*- | 0.471432E-01 | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -*- | 0.296894E-01 | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | -*- | 0.122356E-01 | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 74

VSM_SLV_SET_B_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|---------------|---------|---------|---------|---------|---------|
| 2585 | 0 | 0 | 0.305891E-02 | -*- | -*- | -*- | -*- | -*- |
| 2586 | 0 | 0 | -0.305891E-02 | -*- | -*- | -*- | -*- | -*- |
| 2587 | 0 | 0 | 0.305891E-02 | -*- | -*- | -*- | -*- | -*- |
| 2588 | 0 | 0 | -0.371118E-02 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -0.371118E-02 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | 0.305891E-02 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -0.371118E-02 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | 0.371118E-02 | -*- | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | -0.305891E-02 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 75

VSM_SLV_SET_B_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|---------|--------------|---------|---------|---------|---------|
| 2585 | 0 | 0 | -*- | 0.305891E-02 | -*- | -*- | -*- | -*- |

| | | | | | | | | |
|------|---|---|-----|---------------|-----|-----|-----|-----|
| 2586 | 0 | 0 | -*- | -0.305891E-02 | -*- | -*- | -*- | -*- |
| 2587 | 0 | 0 | -*- | 0.305891E-02 | -*- | -*- | -*- | -*- |
| 2588 | 0 | 0 | -*- | -0.371118E-02 | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -*- | -0.371118E-02 | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | -*- | 0.305891E-02 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | -0.371118E-02 | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | -*- | 0.371118E-02 | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | -*- | -0.305891E-02 | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 76

VSM_SLC_SET_A_S1_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 2587 | 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2588 | 0 | 0 | 0.156418E-01 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | 0.379544E-01 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | 0.602670E-01 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | 0.825795E-01 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | 0.104892 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | 0.127205 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | 0.149517 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | 0.165159 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | 0.180801 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 2604 | 1 | 0.184021 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 77

VSM_SLC_SET_A_S1_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 2587 | 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2588 | 0 | 0 | -*- | 0.156418E-01 | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | -*- | 0.379544E-01 | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -*- | 0.602670E-01 | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | -*- | 0.825795E-01 | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -*- | 0.104892 | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | -*- | 0.127205 | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -*- | 0.149517 | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | -*- | 0.165159 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | 0.180801 | -*- | -*- | -*- | -*- |
| 2597 | 2604 | 1 | -*- | 0.184021 | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 78

VSM_SLC_SET_A_S2_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 2587 | 2 | 0.184021 | -*- | -*- | -*- | -*- | -*- |
| 2588 | 2595 | 1 | 0.184021 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | 0.171830 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | 0.149517 | -*- | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | 0.127205 | -*- | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | 0.104892 | -*- | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | 0.825795E-01 | -*- | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | 0.602670E-01 | -*- | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | 0.379544E-01 | -*- | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | 0.156418E-01 | -*- | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 19
 LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 79

VSM_SLC_SET_A_S2_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 2587 | 2 | -*- | 0.184021 | -*- | -*- | -*- | -*- |
| 2588 | 2595 | 1 | -*- | 0.184021 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | 0.171830 | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | -*- | 0.149517 | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -*- | 0.127205 | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | -*- | 0.104892 | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -*- | 0.825795E-01 | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | -*- | 0.602670E-01 | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -*- | 0.379544E-01 | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | -*- | 0.156418E-01 | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 19
 LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 80

VSM_SLC_SET_B_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|---------------|---------|---------|---------|---------|---------|
| 2585 | 2587 | 2 | 0.391045E-02 | -*- | -*- | -*- | -*- | -*- |
| 2588 | 0 | 0 | -0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | 0.391045E-02 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |

| | | | | | | | | |
|------|---|---|---------------|-----|-----|-----|-----|-----|
| 2599 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | 0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | -0.391045E-02 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 81

VSM_SLC_SET_B_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|---------|---------------|---------|---------|---------|---------|
| 2585 | 2587 | 2 | -*- | 0.391045E-02 | -*- | -*- | -*- | -*- |
| 2588 | 0 | 0 | -*- | -0.474430E-02 | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -*- | -0.474430E-02 | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | -*- | 0.391045E-02 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | -0.474430E-02 | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | -*- | 0.474430E-02 | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | -*- | -0.391045E-02 | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 2604

DATA STORAGE LOCATIONS USED = 1590

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

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT | LAST ELT | DIFF RNCE | OUTPUT CONTROL | AVERAGED NODAL VALUES GROUP | NODAL FORCE OUTPUT GROUP | HISTORY CONTROL | PLOT FILE CONTROL |
|-----------|----------|-----------|----------------|-----------------------------|--------------------------|-----------------|-------------------|
| 1 | 1507 | 1 | 0 | 0 | 0 | 0 | 0 |

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1507
LARGEST ELEMENT NUMBER INPUT = 1507
LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFF RNCE | OUTPUT CONTROL | HISTORY CONTROL |
|------------|-----------|-----------|----------------|-----------------|
| 1 | 2742 | 1 | 0 | 0 |

TOTAL NUMBER OF NODE OUTPUT SETS = 1
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 2742
LARGEST NODE OUTPUT CONTROL NUMBER = 0
LARGEST NODE HISTORY CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 0

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

TOTAL NUMBER OF ELEMENTS = 1507
 TOTAL NUMBER OF CONSTRAINTS = 24
 TOTAL NUMBER OF NODES = 2742
 TOTAL NUMBER OF SUPPORT NODES = 20
 TOTAL NUMBER OF LOADING CASES = 12

LOCATIONS USED DURING DATA PROCESSING = 157325852
 LOCATIONS AVAILABLE = 196608000

TIME USED TO PROCESS INPUT DATA = 0.23900 SEC.
 TIME AT CENTRAL PROCESSOR = 7:08:16 ON 30/06/23 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1507
 INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 0

WARNING THE FAST PARALLEL SOLVER WILL BE USED AS DEFAULT IF
 CONSTRAINT EQUATIONS ARE PRESENT - EXPLICITLY SPECIFYING
 THE SOLVER TYPE WILL OVERRIDE (SOLTYP PROCESSOR)

WARNING NODES 2585 AND 2567 FOR ELEMENT NUMBER 1481 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

WARNING NODES 2570 AND 2573 FOR ELEMENT NUMBER 1482 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1000 (BMTJNT PROCESSOR)

WARNING NODES 2586 AND 2576 FOR ELEMENT NUMBER 1483 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

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

| MATERIAL SET | LENGTH M | GEOMETRIC SUMMARY AREA sq M | VOLUME cu M | ELEMENT MASS KG | X-COORD M | Y-COORD M | Z-COORD M |
|----------------------|--------------|-----------------------------------|----------------|-----------------------|--------------|--------------|--------------|
| 3 | 178.300 | 0.000000E+00 | 1783.00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 146.560 | 0.000000E+00 | 693.870 | 0.173468E+07 | 21.7698 | 5.62500 | -4.25000 |
| 5 | 83.0500 | 0.000000E+00 | 2142.04 | 0.535509E+07 | 25.4711 | 5.62500 | -9.38250 |
| 2 | 1120.00 | 0.000000E+00 | 29.9510 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 1857.71 | 0.000000E+00 | 2596.01 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 1537.04 | 0.000000E+00 | 0.863810E-04 | 0.215953 | 24.0429 | 5.62500 | 0.000000E+00 |
| 22 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 21 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 2.10000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 4924.76 | 0.000000E+00 | 7244.87 | 0.708976E+07 | 24.5655 | 5.62500 | -8.12671 |

| MATERIAL SET | Ixx KG M **2 | Iyy KG M **2 | Izz KG M **2 | Ixy KG M **2 | Iyz KG M **2 | Ixz KG M **2 |
|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 0.101134E+09 | 0.745661E+11 | 0.746046E+11 | -0.212420E+09 | 0.414696E+08 | 0.160495E+09 |
| 5 | 0.654655E+09 | 0.223137E+12 | 0.222821E+12 | -0.767250E+09 | 0.282623E+09 | 0.154437E+10 |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 9.47829 | 10692.9 | 10702.4 | -29.2057 | 0.000000E+00 | 0.000000E+00 |
| 22 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 21 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 0.755789E+09 | 0.297703E+12 | 0.297426E+12 | -0.979670E+09 | 0.324093E+09 | 0.170486E+10 |

| MATERIAL SET | Ixx KG M **2 | Iyy KG M **2 | Izz KG M **2 | Ixy KG M **2 | Iyz KG M **2 | Ixz KG M **2 |
|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 0.149151E+08 | 0.737127E+11 | 0.737276E+11 | -0.298023E-07 | 0.000000E+00 | 0.178814E-06 |
| 5 | 0.138015E+08 | 0.219191E+12 | 0.219178E+12 | 0.357628E-06 | 0.172853E-05 | 0.264594E+09 |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 2.64542 | 10568.0 | 10570.7 | 0.142109E-13 | 0.000000E+00 | 0.000000E+00 |
| 22 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 21 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 0.632318E+08 | 0.292957E+12 | 0.292923E+12 | 0.476837E-06 | 0.154972E-05 | 0.289485E+09 |

| MATERIAL SET | I 11 KG M **2 | I 22 KG M **2 | I 33 KG M **2 | PRINCIPAL DIRECTIONS |
|--------------|---------------------|---------------------|---------------------|--|
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) (0.00, 1.00, 0.00) (0.00, 0.00, 1.00) |
| 4 | 0.737276E+11 | 0.737127E+11 | 0.149151E+08 | (0.00, 0.00, 1.00) (0.00, 1.00, 0.00) (1.00, 0.00, -0.00) |
| 5 | 0.219191E+12 | 0.219178E+12 | 0.134821E+08 | (0.00, 1.00, 0.00) (0.00, 0.00, 1.00) (1.00, 0.00, -0.00) |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) (0.00, 1.00, 0.00) (0.00, 0.00, 1.00) |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) (0.00, 1.00, 0.00) (0.00, 0.00, 1.00) |

| | | | | | | |
|----------------------|--------------|--------------|--------------|---------------------|---------------------|----------------------|
| 1 | 10570.7 | 10568.0 | 2.64542 | (0.00, 0.00, 1.00) | (0.00, 1.00, 0.00) | (1.00, 0.00, 0.00) |
| 22 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 21 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| TOTALS FOR STRUCTURE | 0.292957E+12 | 0.292923E+12 | 0.629457E+08 | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | (1.00, 0.00, -0.00) |

| FORCE OUTPUT GROUP | Fx N | Fy N | Fz N | Mx N .M | My N .M | Mz N .M |
|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| LOAD CASE 70 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 71 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 72 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 73 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 74 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 75 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 76 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 77 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 78 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 79 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 80 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 81 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2155

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.30000E-02 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 72010

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 8028309
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7020
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7020
TOTAL NO. OF EQUATIONS = 7044
TOTAL NO. OF ACTIVE NODES = 1170

NUMBER OF ELEMENT GROUPS = 2
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1442

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 1328499
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 4725586
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 1562114
TOTAL SIZE OF ELEMENT DATA RECORDS = 1394024
TOTAL SIZE OF ELEMENT RESULT RECORDS = 4798351
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 40912
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 199525

TIME FOR PRE-SOLUTION PROCESS = 0.22000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 7:08:16 ON 30/06/23 (DAY/MTH/YR)

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

=====

= Parallel multifrontal solver statistics =

=====

Solving symmetric indefinite matrix
Minimum degree equation re-ordering algorithm used
Number of nonzeros in L and U = 106311
Number of iterative refinement steps = 4

Number of positive eigenvalues = 6900
 Number of negative eigenvalues = 24
 Peak memory used during analysis and
 symbolic factorisation (MB) = 4.45
 Total peak memory used during solve (MB) = 7.06
 In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.10484E-20
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.31631E-19
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.95505E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.41843E-19
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 = 0.33344E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 6 = 0.43559E-22
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 7 = 0.10118E-20
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 8 = 0.38875E-19
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 9 = 0.91114E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 10 = 0.29260E-19
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 11 = 0.23263E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 12 = 0.56048E-22

TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 8171468
 LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1347
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.51300 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.77600 SEC.

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

TIME AT CENTRAL PROCESSOR = 7:08:17 ON 30/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

| Disk Unit Name | Disk Page Size (Bytes) | Calls to I/O Routines | Buffered Transfers | Disk Accesses | Page Table Swaps | Peak File Size (Mbytes) |
|----------------|------------------------|-----------------------|--------------------|---------------|------------------|-------------------------|
| PROBLEM | 16384 | 180 | 3258 | 1909 | 0 | 28.39062 |
| FRONTAL | 16384 | 0 | 0 | 0 | 0 | 0.1562500E-01 |
| SHAPES | 16384 | 6 | 101 | 74 | 0 | 1.140625 |
| PLOT | 16384 | 18137 | 21875 | 3685 | 0 | 59.01562 |
| RESTART | 0 | 0 | 0 | 0 | 0 | 0.0000000E+00 |

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 6:51:17 ON 30/06/23 (DAY/MTH/YR)

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

VBNAME VALUE
NLPZ 196608000
NPGS 960

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

VBNAME VALUE
IDTIME 1

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

Build Information : MODELLER04 - Dec 23 2022 12:33:43

Kit Version : 20.0-2
Solver Version : 20.0.1617.7496 (32-bit)

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

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

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

KeyID 15062 licensed on PC processor. Expires 1-07-2024
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\LUSAS200\Programs (x86)\Lusas_S.exe
Input file :
D:\SynologyDrive\01_lavoro\48_037_09_23_632_418_Due_Viadotti_Trevalli_Esec_Sintagma_LF\03_calcoli\VI02_molino_vecchio\LUSASFiles
32\Molino_Vecchio_Sottostruttura_15_g_UB\Molino_Vecchio_Sottostruttura_15_g_UB-07_VSM.dat

Number of processors available : 20
Maximum number of threads available : 20

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 6:51:18 ON 30/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

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

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

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

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

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

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

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

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

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

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

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

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

O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY
 O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES
 O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS
 O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|----------------|----------------------|------|------|------|
| JSH4 | ELEMENTS | | | |
| 1443 | 2581 | 2605 | 2613 | 2614 |
| 1444 | 2582 | 2606 | 2615 | 2616 |
| 1445 | 1 | 613 | 2617 | 2618 |
| 1446 | 4 | 670 | 2619 | 2620 |
| 1447 | 67 | 616 | 2621 | 2622 |
| 1448 | 69 | 673 | 2623 | 2624 |
| 1449 | 110 | 619 | 2625 | 2626 |
| 1450 | 108 | 676 | 2627 | 2628 |
| 1451 | 147 | 622 | 2629 | 2630 |
| 1452 | 145 | 679 | 2631 | 2632 |
| 1453 | 184 | 625 | 2633 | 2634 |
| 1454 | 182 | 682 | 2635 | 2636 |
| 1455 | 221 | 628 | 2637 | 2638 |
| 1456 | 219 | 685 | 2639 | 2640 |
| 1457 | 258 | 631 | 2641 | 2642 |
| 1458 | 256 | 688 | 2643 | 2644 |
| 1459 | 597 | 634 | 2645 | 2646 |
| 1460 | 605 | 691 | 2647 | 2648 |
| 1461 | 593 | 2607 | 2649 | 2650 |
| 1462 | 601 | 2608 | 2651 | 2652 |
| 1463 | 295 | 640 | 2653 | 2654 |
| 1464 | 293 | 697 | 2655 | 2656 |
| 1465 | 332 | 643 | 2657 | 2658 |
| 1466 | 330 | 700 | 2659 | 2660 |
| 1467 | 369 | 646 | 2661 | 2662 |
| 1468 | 367 | 703 | 2663 | 2664 |
| 1469 | 406 | 649 | 2665 | 2666 |
| 1470 | 404 | 706 | 2667 | 2668 |
| 1471 | 443 | 652 | 2669 | 2670 |
| 1472 | 441 | 709 | 2671 | 2672 |
| 1473 | 480 | 655 | 2673 | 2674 |
| 1474 | 478 | 712 | 2675 | 2676 |
| 1475 | 517 | 658 | 2677 | 2678 |
| 1476 | 515 | 715 | 2679 | 2680 |
| 1477 | 554 | 661 | 2681 | 2682 |
| 1478 | 552 | 718 | 2683 | 2684 |
| 1479 | 2583 | 2609 | 2685 | 2686 |
| 1480 | 2584 | 2610 | 2687 | 2688 |
| 1481 | 2585 | 2567 | 2689 | 2690 |
| 1482 | 2570 | 2573 | 2691 | 2692 |
| 1483 | 2586 | 2576 | 2693 | 2694 |
| 1484 | 2587 | 2611 | 2695 | 2696 |
| 1485 | 2588 | 71 | 2697 | 2698 |
| 1486 | 2589 | 73 | 2699 | 2700 |
| 1487 | 2590 | 106 | 2701 | 2702 |
| 1488 | 2591 | 143 | 2703 | 2704 |
| 1489 | 2592 | 180 | 2705 | 2706 |
| 1490 | 2593 | 217 | 2707 | 2708 |
| 1491 | 2594 | 254 | 2709 | 2710 |
| 1492 | 2595 | 583 | 2711 | 2712 |
| 1493 | 2596 | 291 | 2713 | 2714 |
| 1494 | 2597 | 328 | 2715 | 2716 |
| 1495 | 2598 | 365 | 2717 | 2718 |
| 1496 | 2599 | 402 | 2719 | 2720 |
| 1497 | 2600 | 439 | 2721 | 2722 |
| 1498 | 2601 | 476 | 2723 | 2724 |
| 1499 | 2602 | 513 | 2725 | 2726 |
| 1500 | 2603 | 550 | 2727 | 2728 |
| 1501 | 2604 | 2612 | 2729 | 2730 |
| 1502 | 2605 | 610 | 2731 | 2732 |
| 1503 | 2606 | 667 | 2733 | 2734 |
| 1504 | 2607 | 637 | 2735 | 2736 |
| 1505 | 2608 | 694 | 2737 | 2738 |
| 1506 | 2609 | 664 | 2739 | 2740 |
| 1507 | 2610 | 2579 | 2741 | 2742 |

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED) | | |
|----------------|----------------------|---|----|--|
| BMI21 | ELEMENTS | | | |
| 1 | 1 | 2 | 3 | |
| 2 | 4 | 5 | 6 | |
| 3 | 2 | 7 | 8 | |
| 4 | 5 | 9 | 10 | |
| 5 | 7 | 11 | 12 | |
| 6 | 11 | 9 | 13 | |

| | | | |
|-----|-----|-----|-----|
| 7 | 9 | 14 | 15 |
| 8 | 16 | 7 | 17 |
| 9 | 11 | 18 | 19 |
| 10 | 18 | 21 | 28 |
| 11 | 21 | 22 | 29 |
| 12 | 22 | 23 | 30 |
| 13 | 23 | 24 | 31 |
| 14 | 24 | 25 | 32 |
| 15 | 25 | 26 | 33 |
| 16 | 26 | 27 | 34 |
| 17 | 27 | 20 | 35 |
| 18 | 36 | 37 | 38 |
| 19 | 39 | 40 | 41 |
| 20 | 37 | 42 | 43 |
| 21 | 42 | 40 | 44 |
| 22 | 40 | 45 | 46 |
| 23 | 47 | 37 | 48 |
| 24 | 42 | 49 | 50 |
| 25 | 49 | 52 | 59 |
| 26 | 52 | 53 | 60 |
| 27 | 53 | 54 | 61 |
| 28 | 54 | 55 | 62 |
| 29 | 55 | 56 | 63 |
| 30 | 56 | 57 | 64 |
| 31 | 57 | 58 | 65 |
| 32 | 58 | 51 | 66 |
| 33 | 67 | 36 | 68 |
| 34 | 69 | 39 | 70 |
| 35 | 20 | 71 | 72 |
| 36 | 51 | 73 | 74 |
| 37 | 75 | 76 | 77 |
| 38 | 78 | 79 | 80 |
| 39 | 76 | 81 | 82 |
| 40 | 81 | 79 | 83 |
| 41 | 79 | 84 | 85 |
| 42 | 86 | 76 | 87 |
| 43 | 81 | 88 | 89 |
| 44 | 88 | 91 | 98 |
| 45 | 91 | 92 | 99 |
| 46 | 92 | 93 | 100 |
| 47 | 93 | 94 | 101 |
| 48 | 94 | 95 | 102 |
| 49 | 95 | 96 | 103 |
| 50 | 96 | 97 | 104 |
| 51 | 97 | 90 | 105 |
| 52 | 90 | 106 | 107 |
| 53 | 108 | 78 | 109 |
| 54 | 110 | 75 | 111 |
| 55 | 112 | 113 | 114 |
| 56 | 115 | 116 | 117 |
| 57 | 113 | 118 | 119 |
| 58 | 118 | 116 | 120 |
| 59 | 116 | 121 | 122 |
| 60 | 123 | 113 | 124 |
| 61 | 118 | 125 | 126 |
| 62 | 125 | 128 | 135 |
| 63 | 128 | 129 | 136 |
| 64 | 129 | 130 | 137 |
| 65 | 130 | 131 | 138 |
| 66 | 131 | 132 | 139 |
| 67 | 132 | 133 | 140 |
| 68 | 133 | 134 | 141 |
| 69 | 134 | 127 | 142 |
| 70 | 127 | 143 | 144 |
| 71 | 145 | 115 | 146 |
| 72 | 147 | 112 | 148 |
| 73 | 149 | 150 | 151 |
| 74 | 152 | 153 | 154 |
| 75 | 150 | 155 | 156 |
| 76 | 155 | 153 | 157 |
| 77 | 153 | 158 | 159 |
| 78 | 160 | 150 | 161 |
| 79 | 155 | 162 | 163 |
| 80 | 162 | 165 | 172 |
| 81 | 165 | 166 | 173 |
| 82 | 166 | 167 | 174 |
| 83 | 167 | 168 | 175 |
| 84 | 168 | 169 | 176 |
| 85 | 169 | 170 | 177 |
| 86 | 170 | 171 | 178 |
| 87 | 171 | 164 | 179 |
| 88 | 164 | 180 | 181 |
| 89 | 182 | 152 | 183 |
| 90 | 184 | 149 | 185 |
| 91 | 186 | 187 | 188 |
| 92 | 189 | 190 | 191 |
| 93 | 187 | 192 | 193 |
| 94 | 192 | 190 | 194 |
| 95 | 190 | 195 | 196 |
| 96 | 197 | 187 | 198 |
| 97 | 192 | 199 | 200 |
| 98 | 199 | 202 | 209 |
| 99 | 202 | 203 | 210 |
| 100 | 203 | 204 | 211 |
| 101 | 204 | 205 | 212 |
| 102 | 205 | 206 | 213 |
| 103 | 206 | 207 | 214 |
| 104 | 207 | 208 | 215 |
| 105 | 208 | 201 | 216 |
| 106 | 201 | 217 | 218 |
| 107 | 219 | 189 | 220 |
| 108 | 221 | 186 | 222 |
| 109 | 223 | 224 | 225 |
| 110 | 226 | 227 | 228 |
| 111 | 224 | 229 | 230 |

| | | | |
|-----|-----|-----|-----|
| 112 | 229 | 227 | 231 |
| 113 | 227 | 232 | 233 |
| 114 | 234 | 224 | 235 |
| 115 | 229 | 236 | 237 |
| 116 | 236 | 239 | 246 |
| 117 | 239 | 240 | 247 |
| 118 | 240 | 241 | 248 |
| 119 | 241 | 242 | 249 |
| 120 | 242 | 243 | 250 |
| 121 | 243 | 244 | 251 |
| 122 | 244 | 245 | 252 |
| 123 | 245 | 238 | 253 |
| 124 | 238 | 254 | 255 |
| 125 | 256 | 226 | 257 |
| 126 | 258 | 223 | 259 |
| 127 | 260 | 261 | 262 |
| 128 | 263 | 264 | 265 |
| 129 | 261 | 266 | 267 |
| 130 | 266 | 264 | 268 |
| 131 | 264 | 269 | 270 |
| 132 | 271 | 261 | 272 |
| 133 | 266 | 273 | 274 |
| 134 | 273 | 276 | 283 |
| 135 | 276 | 277 | 284 |
| 136 | 277 | 278 | 285 |
| 137 | 278 | 279 | 286 |
| 138 | 279 | 280 | 287 |
| 139 | 280 | 281 | 288 |
| 140 | 281 | 282 | 289 |
| 141 | 282 | 275 | 290 |
| 142 | 275 | 291 | 292 |
| 143 | 293 | 263 | 294 |
| 144 | 295 | 260 | 296 |
| 145 | 297 | 298 | 299 |
| 146 | 300 | 301 | 302 |
| 147 | 298 | 303 | 304 |
| 148 | 303 | 301 | 305 |
| 149 | 301 | 306 | 307 |
| 150 | 308 | 298 | 309 |
| 151 | 303 | 310 | 311 |
| 152 | 310 | 313 | 320 |
| 153 | 313 | 314 | 321 |
| 154 | 314 | 315 | 322 |
| 155 | 315 | 316 | 323 |
| 156 | 316 | 317 | 324 |
| 157 | 317 | 318 | 325 |
| 158 | 318 | 319 | 326 |
| 159 | 319 | 312 | 327 |
| 160 | 312 | 328 | 329 |
| 161 | 330 | 300 | 331 |
| 162 | 332 | 297 | 333 |
| 163 | 334 | 335 | 336 |
| 164 | 337 | 338 | 339 |
| 165 | 335 | 340 | 341 |
| 166 | 340 | 338 | 342 |
| 167 | 338 | 343 | 344 |
| 168 | 345 | 335 | 346 |
| 169 | 340 | 347 | 348 |
| 170 | 347 | 350 | 357 |
| 171 | 350 | 351 | 358 |
| 172 | 351 | 352 | 359 |
| 173 | 352 | 353 | 360 |
| 174 | 353 | 354 | 361 |
| 175 | 354 | 355 | 362 |
| 176 | 355 | 356 | 363 |
| 177 | 356 | 349 | 364 |
| 178 | 349 | 365 | 366 |
| 179 | 367 | 337 | 368 |
| 180 | 369 | 334 | 370 |
| 181 | 371 | 372 | 373 |
| 182 | 374 | 375 | 376 |
| 183 | 372 | 377 | 378 |
| 184 | 377 | 375 | 379 |
| 185 | 375 | 380 | 381 |
| 186 | 382 | 372 | 383 |
| 187 | 377 | 384 | 385 |
| 188 | 384 | 387 | 394 |
| 189 | 387 | 388 | 395 |
| 190 | 388 | 389 | 396 |
| 191 | 389 | 390 | 397 |
| 192 | 390 | 391 | 398 |
| 193 | 391 | 392 | 399 |
| 194 | 392 | 393 | 400 |
| 195 | 393 | 386 | 401 |
| 196 | 386 | 402 | 403 |
| 197 | 404 | 374 | 405 |
| 198 | 406 | 371 | 407 |
| 199 | 408 | 409 | 410 |
| 200 | 411 | 412 | 413 |
| 201 | 409 | 414 | 415 |
| 202 | 414 | 412 | 416 |
| 203 | 412 | 417 | 418 |
| 204 | 419 | 409 | 420 |
| 205 | 414 | 421 | 422 |
| 206 | 421 | 424 | 431 |
| 207 | 424 | 425 | 432 |
| 208 | 425 | 426 | 433 |
| 209 | 426 | 427 | 434 |
| 210 | 427 | 428 | 435 |
| 211 | 428 | 429 | 436 |
| 212 | 429 | 430 | 437 |
| 213 | 430 | 423 | 438 |
| 214 | 423 | 439 | 440 |
| 215 | 441 | 411 | 442 |
| 216 | 443 | 408 | 444 |

| | | | |
|-----|-----|-----|-----|
| 217 | 445 | 446 | 447 |
| 218 | 448 | 449 | 450 |
| 219 | 446 | 451 | 452 |
| 220 | 451 | 449 | 453 |
| 221 | 449 | 454 | 455 |
| 222 | 456 | 446 | 457 |
| 223 | 451 | 458 | 459 |
| 224 | 458 | 461 | 468 |
| 225 | 461 | 462 | 469 |
| 226 | 462 | 463 | 470 |
| 227 | 463 | 464 | 471 |
| 228 | 464 | 465 | 472 |
| 229 | 465 | 466 | 473 |
| 230 | 466 | 467 | 474 |
| 231 | 467 | 460 | 475 |
| 232 | 460 | 476 | 477 |
| 233 | 478 | 448 | 479 |
| 234 | 480 | 445 | 481 |
| 235 | 482 | 483 | 484 |
| 236 | 485 | 486 | 487 |
| 237 | 483 | 488 | 489 |
| 238 | 488 | 486 | 490 |
| 239 | 486 | 491 | 492 |
| 240 | 493 | 483 | 494 |
| 241 | 488 | 495 | 496 |
| 242 | 495 | 498 | 505 |
| 243 | 498 | 499 | 506 |
| 244 | 499 | 500 | 507 |
| 245 | 500 | 501 | 508 |
| 246 | 501 | 502 | 509 |
| 247 | 502 | 503 | 510 |
| 248 | 503 | 504 | 511 |
| 249 | 504 | 497 | 512 |
| 250 | 497 | 513 | 514 |
| 251 | 515 | 485 | 516 |
| 252 | 517 | 482 | 518 |
| 253 | 519 | 520 | 521 |
| 254 | 522 | 523 | 524 |
| 255 | 520 | 525 | 526 |
| 256 | 525 | 523 | 527 |
| 257 | 523 | 528 | 529 |
| 258 | 530 | 520 | 531 |
| 259 | 525 | 532 | 533 |
| 260 | 532 | 535 | 542 |
| 261 | 535 | 536 | 543 |
| 262 | 536 | 537 | 544 |
| 263 | 537 | 538 | 545 |
| 264 | 538 | 539 | 546 |
| 265 | 539 | 540 | 547 |
| 266 | 540 | 541 | 548 |
| 267 | 541 | 534 | 549 |
| 268 | 534 | 550 | 551 |
| 269 | 552 | 522 | 553 |
| 270 | 554 | 519 | 555 |
| 271 | 556 | 557 | 558 |
| 272 | 557 | 559 | 560 |
| 273 | 559 | 561 | 562 |
| 274 | 563 | 556 | 564 |
| 275 | 557 | 565 | 566 |
| 276 | 565 | 568 | 575 |
| 277 | 568 | 569 | 576 |
| 278 | 569 | 570 | 577 |
| 279 | 570 | 571 | 578 |
| 280 | 571 | 572 | 579 |
| 281 | 572 | 573 | 580 |
| 282 | 573 | 574 | 581 |
| 283 | 574 | 567 | 582 |
| 284 | 567 | 583 | 584 |
| 285 | 585 | 559 | 586 |
| 286 | 559 | 587 | 588 |
| 287 | 589 | 556 | 590 |
| 288 | 556 | 591 | 592 |
| 289 | 593 | 594 | 595 |
| 290 | 594 | 591 | 596 |
| 291 | 597 | 598 | 599 |
| 292 | 598 | 589 | 600 |
| 293 | 601 | 602 | 603 |
| 294 | 602 | 587 | 604 |
| 295 | 605 | 606 | 607 |
| 296 | 606 | 585 | 608 |
| 297 | 609 | 610 | 611 |
| 298 | 612 | 613 | 614 |
| 299 | 615 | 616 | 617 |
| 300 | 618 | 619 | 620 |
| 301 | 621 | 622 | 623 |
| 302 | 624 | 625 | 626 |
| 303 | 627 | 628 | 629 |
| 304 | 630 | 631 | 632 |
| 305 | 633 | 634 | 635 |
| 306 | 636 | 637 | 638 |
| 307 | 639 | 640 | 641 |
| 308 | 642 | 643 | 644 |
| 309 | 645 | 646 | 647 |
| 310 | 648 | 649 | 650 |
| 311 | 651 | 652 | 653 |
| 312 | 654 | 655 | 656 |
| 313 | 657 | 658 | 659 |
| 314 | 660 | 661 | 662 |
| 315 | 663 | 664 | 665 |
| 316 | 666 | 667 | 668 |
| 317 | 669 | 670 | 671 |
| 318 | 672 | 673 | 674 |
| 319 | 675 | 676 | 677 |
| 320 | 678 | 679 | 680 |
| 321 | 681 | 682 | 683 |

| | | | |
|-----|-----|-----|-----|
| 322 | 684 | 685 | 686 |
| 323 | 687 | 688 | 689 |
| 324 | 690 | 691 | 692 |
| 325 | 693 | 694 | 695 |
| 326 | 696 | 697 | 698 |
| 327 | 699 | 700 | 701 |
| 328 | 702 | 703 | 704 |
| 329 | 705 | 706 | 707 |
| 330 | 708 | 709 | 710 |
| 331 | 711 | 712 | 713 |
| 332 | 714 | 715 | 716 |
| 333 | 717 | 718 | 719 |
| 334 | 666 | 609 | 720 |
| 335 | 711 | 654 | 721 |
| 336 | 714 | 657 | 722 |
| 337 | 717 | 660 | 723 |
| 338 | 724 | 663 | 725 |
| 339 | 726 | 727 | 728 |
| 340 | 729 | 730 | 731 |
| 341 | 732 | 733 | 734 |
| 342 | 735 | 736 | 737 |
| 343 | 738 | 739 | 740 |
| 344 | 741 | 742 | 743 |
| 345 | 744 | 745 | 746 |
| 346 | 747 | 748 | 749 |
| 347 | 750 | 751 | 752 |
| 348 | 753 | 754 | 755 |
| 349 | 756 | 757 | 758 |
| 350 | 759 | 760 | 761 |
| 351 | 762 | 763 | 764 |
| 352 | 765 | 766 | 767 |
| 353 | 768 | 769 | 770 |
| 354 | 771 | 772 | 773 |
| 355 | 774 | 775 | 776 |
| 356 | 777 | 778 | 779 |
| 357 | 780 | 781 | 782 |
| 358 | 783 | 784 | 785 |
| 359 | 786 | 787 | 788 |
| 360 | 789 | 790 | 791 |
| 361 | 792 | 793 | 794 |
| 362 | 795 | 796 | 797 |
| 363 | 798 | 799 | 800 |
| 364 | 801 | 802 | 803 |
| 365 | 804 | 805 | 806 |
| 366 | 807 | 808 | 809 |
| 367 | 810 | 811 | 812 |
| 368 | 813 | 814 | 815 |
| 369 | 816 | 817 | 818 |
| 370 | 819 | 820 | 821 |
| 371 | 822 | 823 | 824 |
| 372 | 825 | 826 | 827 |
| 373 | 828 | 829 | 830 |
| 374 | 831 | 832 | 833 |
| 375 | 834 | 835 | 836 |
| 376 | 837 | 838 | 839 |
| 377 | 840 | 841 | 842 |
| 378 | 843 | 844 | 845 |
| 379 | 846 | 847 | 848 |
| 380 | 849 | 850 | 851 |
| 381 | 852 | 853 | 854 |
| 382 | 855 | 856 | 857 |
| 383 | 858 | 859 | 860 |
| 384 | 861 | 862 | 863 |
| 385 | 864 | 865 | 866 |
| 386 | 867 | 868 | 869 |
| 387 | 870 | 871 | 872 |
| 388 | 873 | 874 | 875 |
| 389 | 876 | 877 | 878 |
| 390 | 879 | 880 | 881 |
| 391 | 882 | 883 | 884 |
| 392 | 885 | 886 | 887 |
| 393 | 888 | 889 | 890 |
| 394 | 891 | 892 | 893 |
| 395 | 894 | 895 | 896 |
| 396 | 897 | 898 | 899 |
| 397 | 900 | 901 | 902 |
| 398 | 903 | 904 | 905 |
| 399 | 906 | 907 | 908 |
| 400 | 909 | 910 | 911 |
| 401 | 912 | 913 | 914 |
| 402 | 915 | 916 | 917 |
| 403 | 918 | 919 | 920 |
| 404 | 921 | 922 | 923 |
| 405 | 924 | 925 | 926 |
| 406 | 927 | 928 | 929 |
| 407 | 930 | 931 | 932 |
| 408 | 933 | 934 | 935 |
| 409 | 936 | 937 | 938 |
| 410 | 939 | 940 | 941 |
| 411 | 942 | 943 | 944 |
| 412 | 945 | 946 | 947 |
| 413 | 948 | 949 | 950 |
| 414 | 951 | 952 | 953 |
| 415 | 954 | 955 | 956 |
| 416 | 957 | 958 | 959 |
| 417 | 960 | 961 | 962 |
| 418 | 963 | 964 | 965 |
| 419 | 966 | 967 | 968 |
| 420 | 969 | 970 | 971 |
| 421 | 972 | 973 | 974 |
| 422 | 975 | 976 | 977 |
| 423 | 978 | 979 | 980 |
| 424 | 981 | 982 | 983 |
| 425 | 984 | 985 | 986 |
| 426 | 987 | 988 | 989 |

| | | | |
|-----|------|------|------|
| 427 | 990 | 991 | 992 |
| 428 | 993 | 994 | 995 |
| 429 | 996 | 997 | 998 |
| 430 | 999 | 1000 | 1001 |
| 431 | 1002 | 1003 | 1004 |
| 432 | 1005 | 1006 | 1007 |
| 433 | 1008 | 1009 | 1010 |
| 434 | 1011 | 1012 | 1013 |
| 435 | 1014 | 1015 | 1016 |
| 436 | 1017 | 1018 | 1019 |
| 437 | 1020 | 1021 | 1022 |
| 438 | 1023 | 1024 | 1025 |
| 439 | 1026 | 1027 | 1028 |
| 440 | 1029 | 1030 | 1031 |
| 441 | 1032 | 1033 | 1034 |
| 442 | 1035 | 1036 | 1037 |
| 443 | 1038 | 1039 | 1040 |
| 444 | 1041 | 1042 | 1043 |
| 445 | 1044 | 1045 | 1046 |
| 446 | 1047 | 1048 | 1049 |
| 447 | 1050 | 1051 | 1052 |
| 448 | 1053 | 1054 | 1055 |
| 449 | 1056 | 1057 | 1058 |
| 450 | 1059 | 1060 | 1061 |
| 451 | 1062 | 1063 | 1064 |
| 452 | 1065 | 1066 | 1067 |
| 453 | 1068 | 1069 | 1070 |
| 454 | 1071 | 1072 | 1073 |
| 455 | 1074 | 1075 | 1076 |
| 456 | 1077 | 1078 | 1079 |
| 457 | 1080 | 1081 | 1082 |
| 458 | 1083 | 1084 | 1085 |
| 459 | 1086 | 1087 | 1088 |
| 460 | 1089 | 1090 | 1091 |
| 461 | 1092 | 1093 | 1094 |
| 462 | 1095 | 1096 | 1097 |
| 463 | 1098 | 1099 | 1100 |
| 464 | 1101 | 1102 | 1103 |
| 465 | 1104 | 1105 | 1106 |
| 466 | 1107 | 1108 | 1109 |
| 467 | 1110 | 1111 | 1112 |
| 468 | 1113 | 1114 | 1115 |
| 469 | 1116 | 1117 | 1118 |
| 470 | 1119 | 1120 | 1121 |
| 471 | 1122 | 1123 | 1124 |
| 472 | 1125 | 1126 | 1127 |
| 473 | 1128 | 1129 | 1130 |
| 474 | 1131 | 1132 | 1133 |
| 475 | 1134 | 1135 | 1136 |
| 476 | 1137 | 1138 | 1139 |
| 477 | 1140 | 1141 | 1142 |
| 478 | 1143 | 1144 | 1145 |
| 479 | 1146 | 1147 | 1148 |
| 480 | 669 | 612 | 1149 |
| 481 | 672 | 615 | 1150 |
| 482 | 675 | 618 | 1151 |
| 483 | 678 | 621 | 1152 |
| 484 | 681 | 624 | 1153 |
| 485 | 684 | 627 | 1154 |
| 486 | 687 | 630 | 1155 |
| 487 | 690 | 633 | 1156 |
| 488 | 693 | 636 | 1157 |
| 489 | 696 | 639 | 1158 |
| 490 | 699 | 642 | 1159 |
| 491 | 702 | 645 | 1160 |
| 492 | 705 | 648 | 1161 |
| 493 | 708 | 651 | 1162 |
| 494 | 666 | 609 | 1163 |
| 495 | 711 | 654 | 1164 |
| 496 | 714 | 657 | 1165 |
| 497 | 717 | 660 | 1166 |
| 498 | 726 | 727 | 1167 |
| 499 | 729 | 730 | 1168 |
| 500 | 732 | 733 | 1169 |
| 501 | 735 | 736 | 1170 |
| 502 | 738 | 739 | 1171 |
| 503 | 741 | 742 | 1172 |
| 504 | 744 | 745 | 1173 |
| 505 | 747 | 748 | 1174 |
| 506 | 750 | 751 | 1175 |
| 507 | 753 | 754 | 1176 |
| 508 | 756 | 757 | 1177 |
| 509 | 759 | 760 | 1178 |
| 510 | 762 | 763 | 1179 |
| 511 | 765 | 766 | 1180 |
| 512 | 768 | 769 | 1181 |
| 513 | 771 | 772 | 1182 |
| 514 | 774 | 775 | 1183 |
| 515 | 777 | 778 | 1184 |
| 516 | 780 | 781 | 1185 |
| 517 | 783 | 784 | 1186 |
| 518 | 786 | 787 | 1187 |
| 519 | 789 | 790 | 1188 |
| 520 | 792 | 793 | 1189 |
| 521 | 795 | 796 | 1190 |
| 522 | 798 | 799 | 1191 |
| 523 | 801 | 802 | 1192 |
| 524 | 804 | 805 | 1193 |
| 525 | 807 | 808 | 1194 |
| 526 | 810 | 811 | 1195 |
| 527 | 813 | 814 | 1196 |
| 528 | 816 | 817 | 1197 |
| 529 | 819 | 820 | 1198 |
| 530 | 822 | 823 | 1199 |
| 531 | 825 | 826 | 1200 |

| | | | |
|-----|------|------|------|
| 532 | 828 | 829 | 1201 |
| 533 | 831 | 832 | 1202 |
| 534 | 834 | 835 | 1203 |
| 535 | 837 | 838 | 1204 |
| 536 | 840 | 841 | 1205 |
| 537 | 843 | 844 | 1206 |
| 538 | 846 | 847 | 1207 |
| 539 | 849 | 850 | 1208 |
| 540 | 852 | 853 | 1209 |
| 541 | 855 | 856 | 1210 |
| 542 | 858 | 859 | 1211 |
| 543 | 861 | 862 | 1212 |
| 544 | 864 | 865 | 1213 |
| 545 | 867 | 868 | 1214 |
| 546 | 870 | 871 | 1215 |
| 547 | 873 | 874 | 1216 |
| 548 | 876 | 877 | 1217 |
| 549 | 879 | 880 | 1218 |
| 550 | 882 | 883 | 1219 |
| 551 | 885 | 886 | 1220 |
| 552 | 888 | 889 | 1221 |
| 553 | 891 | 892 | 1222 |
| 554 | 894 | 895 | 1223 |
| 555 | 897 | 898 | 1224 |
| 556 | 900 | 901 | 1225 |
| 557 | 903 | 904 | 1226 |
| 558 | 906 | 907 | 1227 |
| 559 | 909 | 910 | 1228 |
| 560 | 912 | 913 | 1229 |
| 561 | 915 | 916 | 1230 |
| 562 | 918 | 919 | 1231 |
| 563 | 921 | 922 | 1232 |
| 564 | 924 | 925 | 1233 |
| 565 | 927 | 928 | 1234 |
| 566 | 930 | 931 | 1235 |
| 567 | 933 | 934 | 1236 |
| 568 | 936 | 937 | 1237 |
| 569 | 939 | 940 | 1238 |
| 570 | 942 | 943 | 1239 |
| 571 | 945 | 946 | 1240 |
| 572 | 948 | 949 | 1241 |
| 573 | 951 | 952 | 1242 |
| 574 | 954 | 955 | 1243 |
| 575 | 957 | 958 | 1244 |
| 576 | 960 | 961 | 1245 |
| 577 | 963 | 964 | 1246 |
| 578 | 966 | 967 | 1247 |
| 579 | 969 | 970 | 1248 |
| 580 | 972 | 973 | 1249 |
| 581 | 975 | 976 | 1250 |
| 582 | 978 | 979 | 1251 |
| 583 | 981 | 982 | 1252 |
| 584 | 984 | 985 | 1253 |
| 585 | 987 | 988 | 1254 |
| 586 | 990 | 991 | 1255 |
| 587 | 993 | 994 | 1256 |
| 588 | 996 | 997 | 1257 |
| 589 | 999 | 1000 | 1258 |
| 590 | 1002 | 1003 | 1259 |
| 591 | 1005 | 1006 | 1260 |
| 592 | 1008 | 1009 | 1261 |
| 593 | 1011 | 1012 | 1262 |
| 594 | 1014 | 1015 | 1263 |
| 595 | 1017 | 1018 | 1264 |
| 596 | 1020 | 1021 | 1265 |
| 597 | 1023 | 1024 | 1266 |
| 598 | 1026 | 1027 | 1267 |
| 599 | 1029 | 1030 | 1268 |
| 600 | 1032 | 1033 | 1269 |
| 601 | 1035 | 1036 | 1270 |
| 602 | 1038 | 1039 | 1271 |
| 603 | 1041 | 1042 | 1272 |
| 604 | 1044 | 1045 | 1273 |
| 605 | 1047 | 1048 | 1274 |
| 606 | 1050 | 1051 | 1275 |
| 607 | 1053 | 1054 | 1276 |
| 608 | 1056 | 1057 | 1277 |
| 609 | 1059 | 1060 | 1278 |
| 610 | 1062 | 1063 | 1279 |
| 611 | 1065 | 1066 | 1280 |
| 612 | 1068 | 1069 | 1281 |
| 613 | 1071 | 1072 | 1282 |
| 614 | 1074 | 1075 | 1283 |
| 615 | 1077 | 1078 | 1284 |
| 616 | 1080 | 1081 | 1285 |
| 617 | 1083 | 1084 | 1286 |
| 618 | 1086 | 1087 | 1287 |
| 619 | 1089 | 1090 | 1288 |
| 620 | 1092 | 1093 | 1289 |
| 621 | 1095 | 1096 | 1290 |
| 622 | 1098 | 1099 | 1291 |
| 623 | 1101 | 1102 | 1292 |
| 624 | 1104 | 1105 | 1293 |
| 625 | 1107 | 1108 | 1294 |
| 626 | 1110 | 1111 | 1295 |
| 627 | 1113 | 1114 | 1296 |
| 628 | 1116 | 1117 | 1297 |
| 629 | 1119 | 1120 | 1298 |
| 630 | 1122 | 1123 | 1299 |
| 631 | 1125 | 1126 | 1300 |
| 632 | 1128 | 1129 | 1301 |
| 633 | 1131 | 1132 | 1302 |
| 634 | 1134 | 1135 | 1303 |
| 635 | 1137 | 1138 | 1304 |
| 636 | 1140 | 1141 | 1305 |

| | | | |
|-----|------|------|------|
| 637 | 1143 | 1144 | 1306 |
| 638 | 1146 | 1147 | 1307 |
| 639 | 669 | 612 | 1308 |
| 640 | 672 | 615 | 1309 |
| 641 | 675 | 618 | 1310 |
| 642 | 678 | 621 | 1311 |
| 643 | 681 | 624 | 1312 |
| 644 | 684 | 627 | 1313 |
| 645 | 687 | 630 | 1314 |
| 646 | 690 | 633 | 1315 |
| 647 | 693 | 636 | 1316 |
| 648 | 696 | 639 | 1317 |
| 649 | 699 | 642 | 1318 |
| 650 | 702 | 645 | 1319 |
| 651 | 705 | 648 | 1320 |
| 652 | 708 | 651 | 1321 |
| 653 | 609 | 1322 | 1323 |
| 654 | 654 | 1324 | 1325 |
| 655 | 657 | 1326 | 1327 |
| 656 | 727 | 1328 | 1329 |
| 657 | 730 | 1330 | 1331 |
| 658 | 733 | 1332 | 1333 |
| 659 | 736 | 1334 | 1335 |
| 660 | 739 | 1336 | 1337 |
| 661 | 742 | 1338 | 1339 |
| 662 | 745 | 1340 | 1341 |
| 663 | 748 | 1342 | 1343 |
| 664 | 751 | 1344 | 1345 |
| 665 | 754 | 1346 | 1347 |
| 666 | 757 | 1348 | 1349 |
| 667 | 760 | 1350 | 1351 |
| 668 | 763 | 1352 | 1353 |
| 669 | 766 | 1354 | 1355 |
| 670 | 769 | 1356 | 1357 |
| 671 | 772 | 1358 | 1359 |
| 672 | 775 | 1360 | 1361 |
| 673 | 778 | 1362 | 1363 |
| 674 | 799 | 1364 | 1365 |
| 675 | 802 | 1366 | 1367 |
| 676 | 805 | 1368 | 1369 |
| 677 | 808 | 1370 | 1371 |
| 678 | 811 | 1372 | 1373 |
| 679 | 814 | 1374 | 1375 |
| 680 | 817 | 1376 | 1377 |
| 681 | 820 | 1378 | 1379 |
| 682 | 823 | 1380 | 1381 |
| 683 | 826 | 1382 | 1383 |
| 684 | 829 | 1384 | 1385 |
| 685 | 832 | 1386 | 1387 |
| 686 | 835 | 1388 | 1389 |
| 687 | 838 | 1390 | 1391 |
| 688 | 841 | 1392 | 1393 |
| 689 | 844 | 1394 | 1395 |
| 690 | 847 | 1396 | 1397 |
| 691 | 850 | 1398 | 1399 |
| 692 | 853 | 1400 | 1401 |
| 693 | 856 | 1402 | 1403 |
| 694 | 859 | 1404 | 1405 |
| 695 | 862 | 1406 | 1407 |
| 696 | 865 | 1408 | 1409 |
| 697 | 868 | 1410 | 1411 |
| 698 | 871 | 1412 | 1413 |
| 699 | 874 | 1414 | 1415 |
| 700 | 877 | 1416 | 1417 |
| 701 | 880 | 1418 | 1419 |
| 702 | 883 | 1420 | 1421 |
| 703 | 886 | 1422 | 1423 |
| 704 | 889 | 1424 | 1425 |
| 705 | 892 | 1426 | 1427 |
| 706 | 895 | 1428 | 1429 |
| 707 | 898 | 1430 | 1431 |
| 708 | 901 | 1432 | 1433 |
| 709 | 904 | 1434 | 1435 |
| 710 | 907 | 1436 | 1437 |
| 711 | 910 | 1438 | 1439 |
| 712 | 913 | 1440 | 1441 |
| 713 | 916 | 1442 | 1443 |
| 714 | 919 | 1444 | 1445 |
| 715 | 922 | 1446 | 1447 |
| 716 | 925 | 1448 | 1449 |
| 717 | 928 | 1450 | 1451 |
| 718 | 931 | 1452 | 1453 |
| 719 | 934 | 1454 | 1455 |
| 720 | 937 | 1456 | 1457 |
| 721 | 940 | 1458 | 1459 |
| 722 | 943 | 1460 | 1461 |
| 723 | 946 | 1462 | 1463 |
| 724 | 949 | 1464 | 1465 |
| 725 | 952 | 1466 | 1467 |
| 726 | 955 | 1468 | 1469 |
| 727 | 958 | 1470 | 1471 |
| 728 | 961 | 1472 | 1473 |
| 729 | 964 | 1474 | 1475 |
| 730 | 967 | 1476 | 1477 |
| 731 | 970 | 1478 | 1479 |
| 732 | 973 | 1480 | 1481 |
| 733 | 976 | 1482 | 1483 |
| 734 | 979 | 1484 | 1485 |
| 735 | 982 | 1486 | 1487 |
| 736 | 985 | 1488 | 1489 |
| 737 | 988 | 1490 | 1491 |
| 738 | 991 | 1492 | 1493 |
| 739 | 994 | 1494 | 1495 |
| 740 | 997 | 1496 | 1497 |
| 741 | 1000 | 1498 | 1499 |

| | | | |
|-----|------|------|------|
| 742 | 1003 | 1500 | 1501 |
| 743 | 1006 | 1502 | 1503 |
| 744 | 1009 | 1504 | 1505 |
| 745 | 1012 | 1506 | 1507 |
| 746 | 1015 | 1508 | 1509 |
| 747 | 1018 | 1510 | 1511 |
| 748 | 1021 | 1512 | 1513 |
| 749 | 1024 | 1514 | 1515 |
| 750 | 1027 | 1516 | 1517 |
| 751 | 1030 | 1518 | 1519 |
| 752 | 1033 | 1520 | 1521 |
| 753 | 1036 | 1522 | 1523 |
| 754 | 1039 | 1524 | 1525 |
| 755 | 1042 | 1526 | 1527 |
| 756 | 1045 | 1528 | 1529 |
| 757 | 1048 | 1530 | 1531 |
| 758 | 1051 | 1532 | 1533 |
| 759 | 1054 | 1534 | 1535 |
| 760 | 1057 | 1536 | 1537 |
| 761 | 1060 | 1538 | 1539 |
| 762 | 1063 | 1540 | 1541 |
| 763 | 1066 | 1542 | 1543 |
| 764 | 1069 | 1544 | 1545 |
| 765 | 1072 | 1546 | 1547 |
| 766 | 1075 | 1548 | 1549 |
| 767 | 1078 | 1550 | 1551 |
| 768 | 1081 | 1552 | 1553 |
| 769 | 1084 | 1554 | 1555 |
| 770 | 1087 | 1556 | 1557 |
| 771 | 1090 | 1558 | 1559 |
| 772 | 1093 | 1560 | 1561 |
| 773 | 1096 | 1562 | 1563 |
| 774 | 1099 | 1564 | 1565 |
| 775 | 1102 | 1566 | 1567 |
| 776 | 1105 | 1568 | 1569 |
| 777 | 1108 | 1570 | 1571 |
| 778 | 1111 | 1572 | 1573 |
| 779 | 1114 | 1574 | 1575 |
| 780 | 1117 | 1576 | 1577 |
| 781 | 1120 | 1578 | 1579 |
| 782 | 1123 | 1580 | 1581 |
| 783 | 1126 | 1582 | 1583 |
| 784 | 1129 | 1584 | 1585 |
| 785 | 1132 | 1586 | 1587 |
| 786 | 1135 | 1588 | 1589 |
| 787 | 1138 | 1590 | 1591 |
| 788 | 1141 | 1592 | 1593 |
| 789 | 1144 | 1594 | 1595 |
| 790 | 1147 | 1596 | 1597 |
| 791 | 612 | 1598 | 1599 |
| 792 | 615 | 1600 | 1601 |
| 793 | 618 | 1602 | 1603 |
| 794 | 621 | 1604 | 1605 |
| 795 | 624 | 1606 | 1607 |
| 796 | 627 | 1608 | 1609 |
| 797 | 630 | 1610 | 1611 |
| 798 | 633 | 1612 | 1613 |
| 799 | 636 | 1614 | 1615 |
| 800 | 639 | 1616 | 1617 |
| 801 | 642 | 1618 | 1619 |
| 802 | 645 | 1620 | 1621 |
| 803 | 648 | 1622 | 1623 |
| 804 | 651 | 1624 | 1625 |
| 805 | 1626 | 1627 | 1628 |
| 806 | 1629 | 1630 | 1631 |
| 807 | 1632 | 1633 | 1634 |
| 808 | 1635 | 1636 | 1637 |
| 809 | 666 | 1638 | 1639 |
| 810 | 711 | 1640 | 1641 |
| 811 | 714 | 1642 | 1643 |
| 812 | 726 | 1644 | 1645 |
| 813 | 729 | 1646 | 1647 |
| 814 | 732 | 1648 | 1649 |
| 815 | 735 | 1650 | 1651 |
| 816 | 738 | 1652 | 1653 |
| 817 | 741 | 1654 | 1655 |
| 818 | 744 | 1656 | 1657 |
| 819 | 747 | 1658 | 1659 |
| 820 | 750 | 1660 | 1661 |
| 821 | 753 | 1662 | 1663 |
| 822 | 756 | 1664 | 1665 |
| 823 | 759 | 1666 | 1667 |
| 824 | 762 | 1668 | 1669 |
| 825 | 765 | 1670 | 1671 |
| 826 | 768 | 1672 | 1673 |
| 827 | 771 | 1674 | 1675 |
| 828 | 774 | 1676 | 1677 |
| 829 | 777 | 1678 | 1679 |
| 830 | 798 | 1680 | 1681 |
| 831 | 801 | 1682 | 1683 |
| 832 | 804 | 1684 | 1685 |
| 833 | 807 | 1686 | 1687 |
| 834 | 810 | 1688 | 1689 |
| 835 | 813 | 1690 | 1691 |
| 836 | 816 | 1692 | 1693 |
| 837 | 819 | 1694 | 1695 |
| 838 | 822 | 1696 | 1697 |
| 839 | 825 | 1698 | 1699 |
| 840 | 828 | 1700 | 1701 |
| 841 | 831 | 1702 | 1703 |
| 842 | 834 | 1704 | 1705 |
| 843 | 837 | 1706 | 1707 |
| 844 | 840 | 1708 | 1709 |
| 845 | 843 | 1710 | 1711 |
| 846 | 846 | 1712 | 1713 |

| | | | |
|-----|------|------|------|
| 847 | 849 | 1714 | 1715 |
| 848 | 852 | 1716 | 1717 |
| 849 | 855 | 1718 | 1719 |
| 850 | 858 | 1720 | 1721 |
| 851 | 861 | 1722 | 1723 |
| 852 | 864 | 1724 | 1725 |
| 853 | 867 | 1726 | 1727 |
| 854 | 870 | 1728 | 1729 |
| 855 | 873 | 1730 | 1731 |
| 856 | 876 | 1732 | 1733 |
| 857 | 879 | 1734 | 1735 |
| 858 | 882 | 1736 | 1737 |
| 859 | 885 | 1738 | 1739 |
| 860 | 888 | 1740 | 1741 |
| 861 | 891 | 1742 | 1743 |
| 862 | 894 | 1744 | 1745 |
| 863 | 897 | 1746 | 1747 |
| 864 | 900 | 1748 | 1749 |
| 865 | 903 | 1750 | 1751 |
| 866 | 906 | 1752 | 1753 |
| 867 | 909 | 1754 | 1755 |
| 868 | 912 | 1756 | 1757 |
| 869 | 915 | 1758 | 1759 |
| 870 | 918 | 1760 | 1761 |
| 871 | 921 | 1762 | 1763 |
| 872 | 924 | 1764 | 1765 |
| 873 | 927 | 1766 | 1767 |
| 874 | 930 | 1768 | 1769 |
| 875 | 933 | 1770 | 1771 |
| 876 | 936 | 1772 | 1773 |
| 877 | 939 | 1774 | 1775 |
| 878 | 942 | 1776 | 1777 |
| 879 | 945 | 1778 | 1779 |
| 880 | 948 | 1780 | 1781 |
| 881 | 951 | 1782 | 1783 |
| 882 | 954 | 1784 | 1785 |
| 883 | 957 | 1786 | 1787 |
| 884 | 960 | 1788 | 1789 |
| 885 | 963 | 1790 | 1791 |
| 886 | 966 | 1792 | 1793 |
| 887 | 969 | 1794 | 1795 |
| 888 | 972 | 1796 | 1797 |
| 889 | 975 | 1798 | 1799 |
| 890 | 978 | 1800 | 1801 |
| 891 | 981 | 1802 | 1803 |
| 892 | 984 | 1804 | 1805 |
| 893 | 987 | 1806 | 1807 |
| 894 | 990 | 1808 | 1809 |
| 895 | 993 | 1810 | 1811 |
| 896 | 996 | 1812 | 1813 |
| 897 | 999 | 1814 | 1815 |
| 898 | 1002 | 1816 | 1817 |
| 899 | 1005 | 1818 | 1819 |
| 900 | 1008 | 1820 | 1821 |
| 901 | 1011 | 1822 | 1823 |
| 902 | 1014 | 1824 | 1825 |
| 903 | 1017 | 1826 | 1827 |
| 904 | 1020 | 1828 | 1829 |
| 905 | 1023 | 1830 | 1831 |
| 906 | 1026 | 1832 | 1833 |
| 907 | 1029 | 1834 | 1835 |
| 908 | 1032 | 1836 | 1837 |
| 909 | 1035 | 1838 | 1839 |
| 910 | 1038 | 1840 | 1841 |
| 911 | 1041 | 1842 | 1843 |
| 912 | 1044 | 1844 | 1845 |
| 913 | 1047 | 1846 | 1847 |
| 914 | 1050 | 1848 | 1849 |
| 915 | 1053 | 1850 | 1851 |
| 916 | 1056 | 1852 | 1853 |
| 917 | 1059 | 1854 | 1855 |
| 918 | 1062 | 1856 | 1857 |
| 919 | 1065 | 1858 | 1859 |
| 920 | 1068 | 1860 | 1861 |
| 921 | 1071 | 1862 | 1863 |
| 922 | 1074 | 1864 | 1865 |
| 923 | 1077 | 1866 | 1867 |
| 924 | 1080 | 1868 | 1869 |
| 925 | 1083 | 1870 | 1871 |
| 926 | 1086 | 1872 | 1873 |
| 927 | 1089 | 1874 | 1875 |
| 928 | 1092 | 1876 | 1877 |
| 929 | 1095 | 1878 | 1879 |
| 930 | 1098 | 1880 | 1881 |
| 931 | 1101 | 1882 | 1883 |
| 932 | 1104 | 1884 | 1885 |
| 933 | 1107 | 1886 | 1887 |
| 934 | 1110 | 1888 | 1889 |
| 935 | 1113 | 1890 | 1891 |
| 936 | 1116 | 1892 | 1893 |
| 937 | 1119 | 1894 | 1895 |
| 938 | 1122 | 1896 | 1897 |
| 939 | 1125 | 1898 | 1899 |
| 940 | 1128 | 1900 | 1901 |
| 941 | 1131 | 1902 | 1903 |
| 942 | 1134 | 1904 | 1905 |
| 943 | 1137 | 1906 | 1907 |
| 944 | 1140 | 1908 | 1909 |
| 945 | 1143 | 1910 | 1911 |
| 946 | 1146 | 1912 | 1913 |
| 947 | 669 | 1914 | 1915 |
| 948 | 672 | 1916 | 1917 |
| 949 | 675 | 1918 | 1919 |
| 950 | 678 | 1920 | 1921 |
| 951 | 681 | 1922 | 1923 |

| | | | |
|------|------|------|------|
| 952 | 684 | 1924 | 1925 |
| 953 | 687 | 1926 | 1927 |
| 954 | 690 | 1928 | 1929 |
| 955 | 693 | 1930 | 1931 |
| 956 | 696 | 1932 | 1933 |
| 957 | 699 | 1934 | 1935 |
| 958 | 702 | 1936 | 1937 |
| 959 | 705 | 1938 | 1939 |
| 960 | 708 | 1940 | 1941 |
| 961 | 1942 | 1943 | 1944 |
| 962 | 1945 | 1946 | 1947 |
| 963 | 1948 | 1949 | 1950 |
| 964 | 1951 | 1952 | 1953 |
| 965 | 717 | 1954 | 1955 |
| 966 | 780 | 1956 | 1957 |
| 967 | 783 | 1958 | 1959 |
| 968 | 724 | 663 | 1960 |
| 969 | 786 | 1961 | 1962 |
| 970 | 789 | 1963 | 1964 |
| 971 | 792 | 1965 | 1966 |
| 972 | 795 | 1967 | 1968 |
| 973 | 724 | 1969 | 1970 |
| 974 | 660 | 1971 | 1972 |
| 975 | 781 | 1973 | 1974 |
| 976 | 784 | 1975 | 1976 |
| 977 | 787 | 1977 | 1978 |
| 978 | 790 | 1979 | 1980 |
| 979 | 793 | 1981 | 1982 |
| 980 | 796 | 1983 | 1984 |
| 981 | 663 | 1985 | 1986 |
| 982 | 1987 | 796 | 1988 |
| 983 | 796 | 663 | 1989 |
| 984 | 1990 | 790 | 1991 |
| 985 | 793 | 1987 | 1992 |
| 986 | 790 | 793 | 1993 |
| 987 | 1994 | 784 | 1995 |
| 988 | 787 | 1990 | 1996 |
| 989 | 784 | 787 | 1997 |
| 990 | 660 | 781 | 1998 |
| 991 | 781 | 1994 | 1999 |
| 992 | 2000 | 1147 | 2001 |
| 993 | 1147 | 660 | 2002 |
| 994 | 2003 | 1141 | 2004 |
| 995 | 1144 | 2000 | 2005 |
| 996 | 1141 | 1144 | 2006 |
| 997 | 2007 | 1132 | 2008 |
| 998 | 1138 | 2003 | 2009 |
| 999 | 1135 | 1138 | 2010 |
| 1000 | 1132 | 1135 | 2011 |
| 1001 | 2012 | 1126 | 2013 |
| 1002 | 1129 | 2007 | 2014 |
| 1003 | 1126 | 1129 | 2015 |
| 1004 | 657 | 1123 | 2016 |
| 1005 | 1123 | 2012 | 2017 |
| 1006 | 2018 | 1120 | 2019 |
| 1007 | 1120 | 657 | 2020 |
| 1008 | 2021 | 1114 | 2022 |
| 1009 | 1117 | 2018 | 2023 |
| 1010 | 1114 | 1117 | 2024 |
| 1011 | 2025 | 1105 | 2026 |
| 1012 | 1111 | 2021 | 2027 |
| 1013 | 1108 | 1111 | 2028 |
| 1014 | 1105 | 1108 | 2029 |
| 1015 | 2030 | 1099 | 2031 |
| 1016 | 1102 | 2025 | 2032 |
| 1017 | 1099 | 1102 | 2033 |
| 1018 | 654 | 1096 | 2034 |
| 1019 | 1096 | 2030 | 2035 |
| 1020 | 2036 | 1093 | 2037 |
| 1021 | 1093 | 654 | 2038 |
| 1022 | 2039 | 1087 | 2040 |
| 1023 | 1090 | 2036 | 2041 |
| 1024 | 1087 | 1090 | 2042 |
| 1025 | 2043 | 1078 | 2044 |
| 1026 | 1084 | 2039 | 2045 |
| 1027 | 1081 | 1084 | 2046 |
| 1028 | 1078 | 1081 | 2047 |
| 1029 | 2048 | 1072 | 2049 |
| 1030 | 1075 | 2043 | 2050 |
| 1031 | 1072 | 1075 | 2051 |
| 1032 | 651 | 1069 | 2052 |
| 1033 | 1069 | 2048 | 2053 |
| 1034 | 2054 | 1066 | 2055 |
| 1035 | 1066 | 651 | 2056 |
| 1036 | 2057 | 1060 | 2058 |
| 1037 | 1063 | 2054 | 2059 |
| 1038 | 1060 | 1063 | 2060 |
| 1039 | 2061 | 1051 | 2062 |
| 1040 | 1057 | 2057 | 2063 |
| 1041 | 1054 | 1057 | 2064 |
| 1042 | 1051 | 1054 | 2065 |
| 1043 | 2066 | 1045 | 2067 |
| 1044 | 1048 | 2061 | 2068 |
| 1045 | 1045 | 1048 | 2069 |
| 1046 | 648 | 1042 | 2070 |
| 1047 | 1042 | 2066 | 2071 |
| 1048 | 2072 | 1039 | 2073 |
| 1049 | 1039 | 648 | 2074 |
| 1050 | 2075 | 1033 | 2076 |
| 1051 | 1036 | 2072 | 2077 |
| 1052 | 1033 | 1036 | 2078 |
| 1053 | 2079 | 1024 | 2080 |
| 1054 | 1030 | 2075 | 2081 |
| 1055 | 1027 | 1030 | 2082 |
| 1056 | 1024 | 1027 | 2083 |

| | | | |
|------|------|------|------|
| 1057 | 2084 | 1018 | 2085 |
| 1058 | 1021 | 2079 | 2086 |
| 1059 | 1018 | 1021 | 2087 |
| 1060 | 645 | 1015 | 2088 |
| 1061 | 1015 | 2084 | 2089 |
| 1062 | 2090 | 1012 | 2091 |
| 1063 | 1012 | 645 | 2092 |
| 1064 | 2093 | 1006 | 2094 |
| 1065 | 1009 | 2090 | 2095 |
| 1066 | 1006 | 1009 | 2096 |
| 1067 | 2097 | 997 | 2098 |
| 1068 | 1003 | 2093 | 2099 |
| 1069 | 1000 | 1003 | 2100 |
| 1070 | 997 | 1000 | 2101 |
| 1071 | 2102 | 991 | 2103 |
| 1072 | 994 | 2097 | 2104 |
| 1073 | 991 | 994 | 2105 |
| 1074 | 642 | 988 | 2106 |
| 1075 | 988 | 2102 | 2107 |
| 1076 | 2108 | 985 | 2109 |
| 1077 | 985 | 642 | 2110 |
| 1078 | 2111 | 979 | 2112 |
| 1079 | 982 | 2108 | 2113 |
| 1080 | 979 | 982 | 2114 |
| 1081 | 2115 | 970 | 2116 |
| 1082 | 976 | 2111 | 2117 |
| 1083 | 973 | 976 | 2118 |
| 1084 | 970 | 973 | 2119 |
| 1085 | 2120 | 964 | 2121 |
| 1086 | 967 | 2115 | 2122 |
| 1087 | 964 | 967 | 2123 |
| 1088 | 639 | 961 | 2124 |
| 1089 | 961 | 2120 | 2125 |
| 1090 | 2126 | 778 | 2127 |
| 1091 | 778 | 639 | 2128 |
| 1092 | 2129 | 772 | 2130 |
| 1093 | 775 | 2126 | 2131 |
| 1094 | 772 | 775 | 2132 |
| 1095 | 2133 | 766 | 2134 |
| 1096 | 769 | 2129 | 2135 |
| 1097 | 766 | 769 | 2136 |
| 1098 | 636 | 763 | 2137 |
| 1099 | 763 | 2133 | 2138 |
| 1100 | 2139 | 760 | 2140 |
| 1101 | 760 | 633 | 2141 |
| 1102 | 2142 | 754 | 2143 |
| 1103 | 757 | 2139 | 2144 |
| 1104 | 754 | 757 | 2145 |
| 1105 | 2146 | 748 | 2147 |
| 1106 | 751 | 2142 | 2148 |
| 1107 | 748 | 751 | 2149 |
| 1108 | 630 | 745 | 2150 |
| 1109 | 745 | 2146 | 2151 |
| 1110 | 2152 | 958 | 2153 |
| 1111 | 958 | 630 | 2154 |
| 1112 | 2155 | 952 | 2156 |
| 1113 | 955 | 2152 | 2157 |
| 1114 | 952 | 955 | 2158 |
| 1115 | 2159 | 943 | 2160 |
| 1116 | 949 | 2155 | 2161 |
| 1117 | 946 | 949 | 2162 |
| 1118 | 943 | 946 | 2163 |
| 1119 | 2164 | 937 | 2165 |
| 1120 | 940 | 2159 | 2166 |
| 1121 | 937 | 940 | 2167 |
| 1122 | 627 | 934 | 2168 |
| 1123 | 934 | 2164 | 2169 |
| 1124 | 2170 | 931 | 2171 |
| 1125 | 931 | 627 | 2172 |
| 1126 | 2173 | 925 | 2174 |
| 1127 | 928 | 2170 | 2175 |
| 1128 | 925 | 928 | 2176 |
| 1129 | 2177 | 916 | 2178 |
| 1130 | 922 | 2173 | 2179 |
| 1131 | 919 | 922 | 2180 |
| 1132 | 916 | 919 | 2181 |
| 1133 | 2182 | 910 | 2183 |
| 1134 | 913 | 2177 | 2184 |
| 1135 | 910 | 913 | 2185 |
| 1136 | 624 | 907 | 2186 |
| 1137 | 907 | 2182 | 2187 |
| 1138 | 2188 | 904 | 2189 |
| 1139 | 904 | 624 | 2190 |
| 1140 | 2191 | 898 | 2192 |
| 1141 | 901 | 2188 | 2193 |
| 1142 | 898 | 901 | 2194 |
| 1143 | 2195 | 889 | 2196 |
| 1144 | 895 | 2191 | 2197 |
| 1145 | 892 | 895 | 2198 |
| 1146 | 889 | 892 | 2199 |
| 1147 | 2200 | 883 | 2201 |
| 1148 | 886 | 2195 | 2202 |
| 1149 | 883 | 886 | 2203 |
| 1150 | 621 | 880 | 2204 |
| 1151 | 880 | 2200 | 2205 |
| 1152 | 2206 | 877 | 2207 |
| 1153 | 877 | 621 | 2208 |
| 1154 | 2209 | 871 | 2210 |
| 1155 | 874 | 2206 | 2211 |
| 1156 | 871 | 874 | 2212 |
| 1157 | 2213 | 862 | 2214 |
| 1158 | 868 | 2209 | 2215 |
| 1159 | 865 | 868 | 2216 |
| 1160 | 862 | 865 | 2217 |
| 1161 | 2218 | 856 | 2219 |

| | | | |
|------|------|------|------|
| 1162 | 859 | 2213 | 2220 |
| 1163 | 856 | 859 | 2221 |
| 1164 | 618 | 853 | 2222 |
| 1165 | 853 | 2218 | 2223 |
| 1166 | 2224 | 850 | 2225 |
| 1167 | 850 | 618 | 2226 |
| 1168 | 2227 | 844 | 2228 |
| 1169 | 847 | 2224 | 2229 |
| 1170 | 844 | 847 | 2230 |
| 1171 | 2231 | 835 | 2232 |
| 1172 | 841 | 2227 | 2233 |
| 1173 | 838 | 841 | 2234 |
| 1174 | 835 | 838 | 2235 |
| 1175 | 2236 | 829 | 2237 |
| 1176 | 832 | 2231 | 2238 |
| 1177 | 829 | 832 | 2239 |
| 1178 | 615 | 826 | 2240 |
| 1179 | 826 | 2236 | 2241 |
| 1180 | 2242 | 823 | 2243 |
| 1181 | 823 | 615 | 2244 |
| 1182 | 2245 | 817 | 2246 |
| 1183 | 820 | 2242 | 2247 |
| 1184 | 817 | 820 | 2248 |
| 1185 | 2249 | 808 | 2250 |
| 1186 | 814 | 2245 | 2251 |
| 1187 | 811 | 814 | 2252 |
| 1188 | 808 | 811 | 2253 |
| 1189 | 2254 | 802 | 2255 |
| 1190 | 805 | 2249 | 2256 |
| 1191 | 802 | 805 | 2257 |
| 1192 | 612 | 799 | 2258 |
| 1193 | 799 | 2254 | 2259 |
| 1194 | 2260 | 742 | 2261 |
| 1195 | 742 | 612 | 2262 |
| 1196 | 2263 | 736 | 2264 |
| 1197 | 739 | 2260 | 2265 |
| 1198 | 736 | 739 | 2266 |
| 1199 | 2267 | 730 | 2268 |
| 1200 | 733 | 2263 | 2269 |
| 1201 | 730 | 733 | 2270 |
| 1202 | 609 | 727 | 2271 |
| 1203 | 727 | 2267 | 2272 |
| 1204 | 1632 | 609 | 2273 |
| 1205 | 633 | 1626 | 2274 |
| 1206 | 1629 | 636 | 2275 |
| 1207 | 663 | 1635 | 2276 |
| 1208 | 2277 | 795 | 2278 |
| 1209 | 795 | 724 | 2279 |
| 1210 | 2280 | 789 | 2281 |
| 1211 | 792 | 2277 | 2282 |
| 1212 | 789 | 792 | 2283 |
| 1213 | 2284 | 783 | 2285 |
| 1214 | 786 | 2280 | 2286 |
| 1215 | 783 | 786 | 2287 |
| 1216 | 717 | 780 | 2288 |
| 1217 | 780 | 2284 | 2289 |
| 1218 | 2290 | 1146 | 2291 |
| 1219 | 1146 | 717 | 2292 |
| 1220 | 2293 | 1140 | 2294 |
| 1221 | 1143 | 2290 | 2295 |
| 1222 | 1140 | 1143 | 2296 |
| 1223 | 2297 | 1131 | 2298 |
| 1224 | 1137 | 2293 | 2299 |
| 1225 | 1134 | 1137 | 2300 |
| 1226 | 1131 | 1134 | 2301 |
| 1227 | 2302 | 1125 | 2303 |
| 1228 | 1128 | 2297 | 2304 |
| 1229 | 1125 | 1128 | 2305 |
| 1230 | 714 | 1122 | 2306 |
| 1231 | 1122 | 2302 | 2307 |
| 1232 | 2308 | 1119 | 2309 |
| 1233 | 1119 | 714 | 2310 |
| 1234 | 2311 | 1113 | 2312 |
| 1235 | 1116 | 2308 | 2313 |
| 1236 | 1113 | 1116 | 2314 |
| 1237 | 2315 | 1104 | 2316 |
| 1238 | 1110 | 2311 | 2317 |
| 1239 | 1107 | 1110 | 2318 |
| 1240 | 1104 | 1107 | 2319 |
| 1241 | 2320 | 1098 | 2321 |
| 1242 | 1101 | 2315 | 2322 |
| 1243 | 1098 | 1101 | 2323 |
| 1244 | 711 | 1095 | 2324 |
| 1245 | 1095 | 2320 | 2325 |
| 1246 | 2326 | 1092 | 2327 |
| 1247 | 1092 | 711 | 2328 |
| 1248 | 2329 | 1086 | 2330 |
| 1249 | 1089 | 2326 | 2331 |
| 1250 | 1086 | 1089 | 2332 |
| 1251 | 2333 | 1077 | 2334 |
| 1252 | 1083 | 2329 | 2335 |
| 1253 | 1080 | 1083 | 2336 |
| 1254 | 1077 | 1080 | 2337 |
| 1255 | 2338 | 1071 | 2339 |
| 1256 | 1074 | 2333 | 2340 |
| 1257 | 1071 | 1074 | 2341 |
| 1258 | 708 | 1068 | 2342 |
| 1259 | 1068 | 2338 | 2343 |
| 1260 | 2344 | 1065 | 2345 |
| 1261 | 1065 | 708 | 2346 |
| 1262 | 2347 | 1059 | 2348 |
| 1263 | 1062 | 2344 | 2349 |
| 1264 | 1059 | 1062 | 2350 |
| 1265 | 2351 | 1050 | 2352 |
| 1266 | 1056 | 2347 | 2353 |

| | | | |
|------|------|------|------|
| 1267 | 1053 | 1056 | 2354 |
| 1268 | 1050 | 1053 | 2355 |
| 1269 | 2356 | 1044 | 2357 |
| 1270 | 1047 | 2351 | 2358 |
| 1271 | 1044 | 1047 | 2359 |
| 1272 | 705 | 1041 | 2360 |
| 1273 | 1041 | 2356 | 2361 |
| 1274 | 2362 | 1038 | 2363 |
| 1275 | 1038 | 705 | 2364 |
| 1276 | 2365 | 1032 | 2366 |
| 1277 | 1035 | 2362 | 2367 |
| 1278 | 1032 | 1035 | 2368 |
| 1279 | 2369 | 1023 | 2370 |
| 1280 | 1029 | 2365 | 2371 |
| 1281 | 1026 | 1029 | 2372 |
| 1282 | 1023 | 1026 | 2373 |
| 1283 | 2374 | 1017 | 2375 |
| 1284 | 1020 | 2369 | 2376 |
| 1285 | 1017 | 1020 | 2377 |
| 1286 | 702 | 1014 | 2378 |
| 1287 | 1014 | 2374 | 2379 |
| 1288 | 2380 | 1011 | 2381 |
| 1289 | 1011 | 702 | 2382 |
| 1290 | 2383 | 1005 | 2384 |
| 1291 | 1008 | 2380 | 2385 |
| 1292 | 1005 | 1008 | 2386 |
| 1293 | 2387 | 996 | 2388 |
| 1294 | 1002 | 2383 | 2389 |
| 1295 | 999 | 1002 | 2390 |
| 1296 | 996 | 999 | 2391 |
| 1297 | 2392 | 990 | 2393 |
| 1298 | 993 | 2387 | 2394 |
| 1299 | 990 | 993 | 2395 |
| 1300 | 699 | 987 | 2396 |
| 1301 | 987 | 2392 | 2397 |
| 1302 | 2398 | 984 | 2399 |
| 1303 | 984 | 699 | 2400 |
| 1304 | 2401 | 978 | 2402 |
| 1305 | 981 | 2398 | 2403 |
| 1306 | 978 | 981 | 2404 |
| 1307 | 2405 | 969 | 2406 |
| 1308 | 975 | 2401 | 2407 |
| 1309 | 972 | 975 | 2408 |
| 1310 | 969 | 972 | 2409 |
| 1311 | 2410 | 963 | 2411 |
| 1312 | 966 | 2405 | 2412 |
| 1313 | 963 | 966 | 2413 |
| 1314 | 696 | 960 | 2414 |
| 1315 | 960 | 2410 | 2415 |
| 1316 | 2416 | 777 | 2417 |
| 1317 | 777 | 696 | 2418 |
| 1318 | 2419 | 771 | 2420 |
| 1319 | 774 | 2416 | 2421 |
| 1320 | 771 | 774 | 2422 |
| 1321 | 2423 | 765 | 2424 |
| 1322 | 768 | 2419 | 2425 |
| 1323 | 765 | 768 | 2426 |
| 1324 | 693 | 762 | 2427 |
| 1325 | 762 | 2423 | 2428 |
| 1326 | 2429 | 759 | 2430 |
| 1327 | 759 | 690 | 2431 |
| 1328 | 2432 | 753 | 2433 |
| 1329 | 756 | 2429 | 2434 |
| 1330 | 753 | 756 | 2435 |
| 1331 | 2436 | 747 | 2437 |
| 1332 | 750 | 2432 | 2438 |
| 1333 | 747 | 750 | 2439 |
| 1334 | 687 | 744 | 2440 |
| 1335 | 744 | 2436 | 2441 |
| 1336 | 2442 | 957 | 2443 |
| 1337 | 957 | 687 | 2444 |
| 1338 | 2445 | 951 | 2446 |
| 1339 | 954 | 2442 | 2447 |
| 1340 | 951 | 954 | 2448 |
| 1341 | 2449 | 942 | 2450 |
| 1342 | 948 | 2445 | 2451 |
| 1343 | 945 | 948 | 2452 |
| 1344 | 942 | 945 | 2453 |
| 1345 | 2454 | 936 | 2455 |
| 1346 | 939 | 2449 | 2456 |
| 1347 | 936 | 939 | 2457 |
| 1348 | 684 | 933 | 2458 |
| 1349 | 933 | 2454 | 2459 |
| 1350 | 2460 | 930 | 2461 |
| 1351 | 930 | 684 | 2462 |
| 1352 | 2463 | 924 | 2464 |
| 1353 | 927 | 2460 | 2465 |
| 1354 | 924 | 927 | 2466 |
| 1355 | 2467 | 915 | 2468 |
| 1356 | 921 | 2463 | 2469 |
| 1357 | 918 | 921 | 2470 |
| 1358 | 915 | 918 | 2471 |
| 1359 | 2472 | 909 | 2473 |
| 1360 | 912 | 2467 | 2474 |
| 1361 | 909 | 912 | 2475 |
| 1362 | 681 | 906 | 2476 |
| 1363 | 906 | 2472 | 2477 |
| 1364 | 2478 | 903 | 2479 |
| 1365 | 903 | 681 | 2480 |
| 1366 | 2481 | 897 | 2482 |
| 1367 | 900 | 2478 | 2483 |
| 1368 | 897 | 900 | 2484 |
| 1369 | 2485 | 888 | 2486 |
| 1370 | 894 | 2481 | 2487 |
| 1371 | 891 | 894 | 2488 |

| | | | |
|------|------|------|------|
| 1372 | 888 | 891 | 2489 |
| 1373 | 2490 | 882 | 2491 |
| 1374 | 885 | 2485 | 2492 |
| 1375 | 882 | 885 | 2493 |
| 1376 | 678 | 879 | 2494 |
| 1377 | 879 | 2490 | 2495 |
| 1378 | 2496 | 876 | 2497 |
| 1379 | 876 | 678 | 2498 |
| 1380 | 2499 | 870 | 2500 |
| 1381 | 873 | 2496 | 2501 |
| 1382 | 870 | 873 | 2502 |
| 1383 | 2503 | 861 | 2504 |
| 1384 | 867 | 2499 | 2505 |
| 1385 | 864 | 867 | 2506 |
| 1386 | 861 | 864 | 2507 |
| 1387 | 2508 | 855 | 2509 |
| 1388 | 858 | 2503 | 2510 |
| 1389 | 855 | 858 | 2511 |
| 1390 | 675 | 852 | 2512 |
| 1391 | 852 | 2508 | 2513 |
| 1392 | 2514 | 849 | 2515 |
| 1393 | 849 | 675 | 2516 |
| 1394 | 2517 | 843 | 2518 |
| 1395 | 846 | 2514 | 2519 |
| 1396 | 843 | 846 | 2520 |
| 1397 | 2521 | 834 | 2522 |
| 1398 | 840 | 2517 | 2523 |
| 1399 | 837 | 840 | 2524 |
| 1400 | 834 | 837 | 2525 |
| 1401 | 2526 | 828 | 2527 |
| 1402 | 831 | 2521 | 2528 |
| 1403 | 828 | 831 | 2529 |
| 1404 | 672 | 825 | 2530 |
| 1405 | 825 | 2526 | 2531 |
| 1406 | 2532 | 822 | 2533 |
| 1407 | 822 | 672 | 2534 |
| 1408 | 2535 | 816 | 2536 |
| 1409 | 819 | 2532 | 2537 |
| 1410 | 816 | 819 | 2538 |
| 1411 | 2539 | 807 | 2540 |
| 1412 | 813 | 2535 | 2541 |
| 1413 | 810 | 813 | 2542 |
| 1414 | 807 | 810 | 2543 |
| 1415 | 2544 | 801 | 2545 |
| 1416 | 804 | 2539 | 2546 |
| 1417 | 801 | 804 | 2547 |
| 1418 | 669 | 798 | 2548 |
| 1419 | 798 | 2544 | 2549 |
| 1420 | 2550 | 741 | 2551 |
| 1421 | 741 | 669 | 2552 |
| 1422 | 2553 | 735 | 2554 |
| 1423 | 738 | 2550 | 2555 |
| 1424 | 735 | 738 | 2556 |
| 1425 | 2557 | 729 | 2558 |
| 1426 | 732 | 2553 | 2559 |
| 1427 | 729 | 732 | 2560 |
| 1428 | 666 | 726 | 2561 |
| 1429 | 726 | 2557 | 2562 |
| 1430 | 1948 | 666 | 2563 |
| 1431 | 690 | 1942 | 2564 |
| 1432 | 1945 | 693 | 2565 |
| 1433 | 724 | 1951 | 2566 |
| 1434 | 1948 | 2567 | 2568 |
| 1435 | 2567 | 1632 | 2569 |
| 1436 | 1942 | 2570 | 2571 |
| 1437 | 2570 | 1626 | 2572 |
| 1438 | 1945 | 2573 | 2574 |
| 1439 | 2573 | 1629 | 2575 |
| 1440 | 1951 | 2576 | 2577 |
| 1441 | 2576 | 1635 | 2578 |
| 1442 | 2579 | 724 | 2580 |

TOTAL NUMBER OF ELEMENTS = 1507
LARGEST ELEMENT NUMBER = 1507
LARGEST NODE NUMBER = 2742

DEFAULT SOLVER CHOSEN

NODE COORDINATES

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | -325.777 | 2.12500 | -2.50000 |
| 2 | -325.777 | 2.12500 | -3.00000 |
| 3 | -325.777 | 3.12500 | -2.50000 |
| 4 | -325.777 | 9.12500 | -2.50000 |
| 5 | -325.777 | 9.12500 | -3.00000 |
| 6 | -325.777 | 10.12500 | -2.50000 |
| 7 | -325.777 | 2.12500 | -4.25000 |
| 8 | -325.777 | 3.12500 | -3.00000 |
| 9 | -325.777 | 9.12500 | -4.25000 |
| 10 | -325.777 | 10.12500 | -3.00000 |
| 11 | -325.777 | 5.62500 | -4.25000 |
| 12 | -326.944 | 2.12500 | -4.25000 |
| 13 | -326.944 | 5.62500 | -4.25000 |
| 14 | -325.777 | 10.20500 | -4.25000 |
| 15 | -326.777 | 9.12500 | -4.25000 |

| | | | |
|-----|----------|----------|----------|
| 16 | -325.777 | 1.04500 | -4.25000 |
| 17 | -326.777 | 1.04500 | -4.25000 |
| 18 | -325.777 | 5.62500 | -5.50000 |
| 19 | -325.777 | 6.62500 | -4.25000 |
| 20 | -325.777 | 5.62500 | -7.00000 |
| 21 | -325.777 | 5.62500 | -5.68750 |
| 22 | -325.777 | 5.62500 | -5.87500 |
| 23 | -325.777 | 5.62500 | -6.06250 |
| 24 | -325.777 | 5.62500 | -6.25000 |
| 25 | -325.777 | 5.62500 | -6.43750 |
| 26 | -325.777 | 5.62500 | -6.62500 |
| 27 | -325.777 | 5.62500 | -6.81250 |
| 28 | -325.777 | 6.62500 | -5.50000 |
| 29 | -325.777 | 6.62500 | -5.68750 |
| 30 | -325.777 | 6.62500 | -5.87500 |
| 31 | -325.777 | 6.62500 | -6.06250 |
| 32 | -325.777 | 6.62500 | -6.25000 |
| 33 | -325.777 | 6.62500 | -6.43750 |
| 34 | -325.777 | 6.62500 | -6.62500 |
| 35 | -325.777 | 6.62500 | -6.81250 |
| 36 | -277.187 | 2.12500 | -3.00000 |
| 37 | -277.187 | 2.12500 | -4.25000 |
| 38 | -277.187 | 3.12500 | -3.00000 |
| 39 | -277.187 | 9.12500 | -3.00000 |
| 40 | -277.187 | 9.12500 | -4.25000 |
| 41 | -277.187 | 10.12500 | -3.00000 |
| 42 | -277.187 | 5.62500 | -4.25000 |
| 43 | -278.354 | 2.12500 | -4.25000 |
| 44 | -278.354 | 5.62500 | -4.25000 |
| 45 | -277.187 | 10.20500 | -4.25000 |
| 46 | -278.187 | 9.12500 | -4.25000 |
| 47 | -277.187 | 1.04500 | -4.25000 |
| 48 | -278.187 | 1.04500 | -4.25000 |
| 49 | -277.187 | 5.62500 | -5.50000 |
| 50 | -277.187 | 6.62500 | -4.25000 |
| 51 | -277.187 | 5.62500 | -7.50000 |
| 52 | -277.187 | 5.62500 | -5.75000 |
| 53 | -277.187 | 5.62500 | -6.00000 |
| 54 | -277.187 | 5.62500 | -6.25000 |
| 55 | -277.187 | 5.62500 | -6.50000 |
| 56 | -277.187 | 5.62500 | -6.75000 |
| 57 | -277.187 | 5.62500 | -7.00000 |
| 58 | -277.187 | 5.62500 | -7.25000 |
| 59 | -277.187 | 6.62500 | -5.50000 |
| 60 | -277.187 | 6.62500 | -5.75000 |
| 61 | -277.187 | 6.62500 | -6.00000 |
| 62 | -277.187 | 6.62500 | -6.25000 |
| 63 | -277.187 | 6.62500 | -6.50000 |
| 64 | -277.187 | 6.62500 | -6.75000 |
| 65 | -277.187 | 6.62500 | -7.00000 |
| 66 | -277.187 | 6.62500 | -7.25000 |
| 67 | -277.187 | 2.12500 | -2.50000 |
| 68 | -277.187 | 3.12500 | -2.50000 |
| 69 | -277.187 | 9.12500 | -2.50000 |
| 70 | -277.187 | 10.12500 | -2.50000 |
| 71 | -325.777 | 5.62500 | -8.80000 |
| 72 | -325.777 | 6.62500 | -7.00000 |
| 73 | -277.187 | 5.62500 | -9.30000 |
| 74 | -277.187 | 6.62500 | -7.50000 |
| 75 | -228.607 | 2.12500 | -3.00000 |
| 76 | -228.607 | 2.12500 | -4.25000 |
| 77 | -228.607 | 3.12500 | -3.00000 |
| 78 | -228.607 | 9.12500 | -3.00000 |
| 79 | -228.607 | 9.12500 | -4.25000 |
| 80 | -228.607 | 10.12500 | -3.00000 |
| 81 | -228.607 | 5.62500 | -4.25000 |
| 82 | -229.774 | 2.12500 | -4.25000 |
| 83 | -229.774 | 5.62500 | -4.25000 |
| 84 | -228.607 | 10.20500 | -4.25000 |
| 85 | -229.607 | 9.12500 | -4.25000 |
| 86 | -228.607 | 1.04500 | -4.25000 |
| 87 | -229.607 | 1.04500 | -4.25000 |
| 88 | -228.607 | 5.62500 | -5.50000 |
| 89 | -228.607 | 6.62500 | -4.25000 |
| 90 | -228.607 | 5.62500 | -8.00000 |
| 91 | -228.607 | 5.62500 | -5.81250 |
| 92 | -228.607 | 5.62500 | -6.12500 |
| 93 | -228.607 | 5.62500 | -6.43750 |
| 94 | -228.607 | 5.62500 | -6.75000 |
| 95 | -228.607 | 5.62500 | -7.06250 |
| 96 | -228.607 | 5.62500 | -7.37500 |
| 97 | -228.607 | 5.62500 | -7.68750 |
| 98 | -228.607 | 6.62500 | -5.50000 |
| 99 | -228.607 | 6.62500 | -5.81250 |
| 100 | -228.607 | 6.62500 | -6.12500 |
| 101 | -228.607 | 6.62500 | -6.43750 |
| 102 | -228.607 | 6.62500 | -6.75000 |
| 103 | -228.607 | 6.62500 | -7.06250 |
| 104 | -228.607 | 6.62500 | -7.37500 |
| 105 | -228.607 | 6.62500 | -7.68750 |
| 106 | -228.607 | 5.62500 | -9.80000 |
| 107 | -228.607 | 6.62500 | -8.00000 |
| 108 | -228.607 | 9.12500 | -2.50000 |
| 109 | -228.607 | 10.12500 | -2.50000 |
| 110 | -228.607 | 2.12500 | -2.50000 |
| 111 | -228.607 | 3.12500 | -2.50000 |
| 112 | -180.037 | 2.12500 | -3.00000 |
| 113 | -180.037 | 2.12500 | -4.25000 |
| 114 | -180.037 | 3.12500 | -3.00000 |
| 115 | -180.037 | 9.12500 | -3.00000 |
| 116 | -180.037 | 9.12500 | -4.25000 |
| 117 | -180.037 | 10.12500 | -3.00000 |
| 118 | -180.037 | 5.62500 | -4.25000 |
| 119 | -181.204 | 2.12500 | -4.25000 |
| 120 | -181.204 | 5.62500 | -4.25000 |

| | | | |
|-----|----------|---------|----------|
| 121 | -180.037 | 10.2050 | -4.25000 |
| 122 | -181.037 | 9.12500 | -4.25000 |
| 123 | -180.037 | 1.04500 | -4.25000 |
| 124 | -181.037 | 1.04500 | -4.25000 |
| 125 | -180.037 | 5.62500 | -5.50000 |
| 126 | -180.037 | 6.62500 | -4.25000 |
| 127 | -180.037 | 5.62500 | -8.50000 |
| 128 | -180.037 | 5.62500 | -5.87500 |
| 129 | -180.037 | 5.62500 | -6.25000 |
| 130 | -180.037 | 5.62500 | -6.62500 |
| 131 | -180.037 | 5.62500 | -7.00000 |
| 132 | -180.037 | 5.62500 | -7.37500 |
| 133 | -180.037 | 5.62500 | -7.75000 |
| 134 | -180.037 | 5.62500 | -8.12500 |
| 135 | -180.037 | 6.62500 | -5.50000 |
| 136 | -180.037 | 6.62500 | -5.87500 |
| 137 | -180.037 | 6.62500 | -6.25000 |
| 138 | -180.037 | 6.62500 | -6.62500 |
| 139 | -180.037 | 6.62500 | -7.00000 |
| 140 | -180.037 | 6.62500 | -7.37500 |
| 141 | -180.037 | 6.62500 | -7.75000 |
| 142 | -180.037 | 6.62500 | -8.12500 |
| 143 | -180.037 | 5.62500 | -10.3000 |
| 144 | -180.037 | 6.62500 | -8.50000 |
| 145 | -180.037 | 9.12500 | -2.50000 |
| 146 | -180.037 | 10.1250 | -2.50000 |
| 147 | -180.037 | 2.12500 | -2.50000 |
| 148 | -180.037 | 3.12500 | -2.50000 |
| 149 | -131.487 | 2.12500 | -3.00000 |
| 150 | -131.487 | 2.12500 | -4.25000 |
| 151 | -131.487 | 3.12500 | -3.00000 |
| 152 | -131.487 | 9.12500 | -3.00000 |
| 153 | -131.487 | 9.12500 | -4.25000 |
| 154 | -131.487 | 10.1250 | -3.00000 |
| 155 | -131.487 | 5.62500 | -4.25000 |
| 156 | -132.654 | 2.12500 | -4.25000 |
| 157 | -132.654 | 5.62500 | -4.25000 |
| 158 | -131.487 | 10.2050 | -4.25000 |
| 159 | -132.487 | 9.12500 | -4.25000 |
| 160 | -131.487 | 1.04500 | -4.25000 |
| 161 | -132.487 | 1.04500 | -4.25000 |
| 162 | -131.487 | 5.62500 | -5.50000 |
| 163 | -131.487 | 6.62500 | -4.25000 |
| 164 | -131.487 | 5.62500 | -8.75000 |
| 165 | -131.487 | 5.62500 | -5.90625 |
| 166 | -131.487 | 5.62500 | -6.31250 |
| 167 | -131.487 | 5.62500 | -6.71875 |
| 168 | -131.487 | 5.62500 | -7.12500 |
| 169 | -131.487 | 5.62500 | -7.53125 |
| 170 | -131.487 | 5.62500 | -7.93750 |
| 171 | -131.487 | 5.62500 | -8.34375 |
| 172 | -131.487 | 6.62500 | -5.50000 |
| 173 | -131.487 | 6.62500 | -5.90625 |
| 174 | -131.487 | 6.62500 | -6.31250 |
| 175 | -131.487 | 6.62500 | -6.71875 |
| 176 | -131.487 | 6.62500 | -7.12500 |
| 177 | -131.487 | 6.62500 | -7.53125 |
| 178 | -131.487 | 6.62500 | -7.93750 |
| 179 | -131.487 | 6.62500 | -8.34375 |
| 180 | -131.487 | 5.62500 | -10.5500 |
| 181 | -131.487 | 6.62500 | -8.75000 |
| 182 | -131.487 | 9.12500 | -2.50000 |
| 183 | -131.487 | 10.1250 | -2.50000 |
| 184 | -131.487 | 2.12500 | -2.50000 |
| 185 | -131.487 | 3.12500 | -2.50000 |
| 186 | -82.9570 | 2.12500 | -3.00000 |
| 187 | -82.9570 | 2.12500 | -4.25000 |
| 188 | -82.9570 | 3.12500 | -3.00000 |
| 189 | -82.9570 | 9.12500 | -3.00000 |
| 190 | -82.9570 | 9.12500 | -4.25000 |
| 191 | -82.9570 | 10.1250 | -3.00000 |
| 192 | -82.9570 | 5.62500 | -4.25000 |
| 193 | -84.1237 | 2.12500 | -4.25000 |
| 194 | -84.1237 | 5.62500 | -4.25000 |
| 195 | -82.9570 | 10.2050 | -4.25000 |
| 196 | -83.9570 | 9.12500 | -4.25000 |
| 197 | -82.9570 | 1.04500 | -4.25000 |
| 198 | -83.9570 | 1.04500 | -4.25000 |
| 199 | -82.9570 | 5.62500 | -5.50000 |
| 200 | -82.9570 | 6.62500 | -4.25000 |
| 201 | -82.9570 | 5.62500 | -9.50000 |
| 202 | -82.9570 | 5.62500 | -6.00000 |
| 203 | -82.9570 | 5.62500 | -6.50000 |
| 204 | -82.9570 | 5.62500 | -7.00000 |
| 205 | -82.9570 | 5.62500 | -7.50000 |
| 206 | -82.9570 | 5.62500 | -8.00000 |
| 207 | -82.9570 | 5.62500 | -8.50000 |
| 208 | -82.9570 | 5.62500 | -9.00000 |
| 209 | -82.9570 | 6.62500 | -5.50000 |
| 210 | -82.9570 | 6.62500 | -6.00000 |
| 211 | -82.9570 | 6.62500 | -6.50000 |
| 212 | -82.9570 | 6.62500 | -7.00000 |
| 213 | -82.9570 | 6.62500 | -7.50000 |
| 214 | -82.9570 | 6.62500 | -8.00000 |
| 215 | -82.9570 | 6.62500 | -8.50000 |
| 216 | -82.9570 | 6.62500 | -9.00000 |
| 217 | -82.9570 | 5.62500 | -11.3000 |
| 218 | -82.9570 | 6.62500 | -9.50000 |
| 219 | -82.9570 | 9.12500 | -2.50000 |
| 220 | -82.9570 | 10.1250 | -2.50000 |
| 221 | -82.9570 | 2.12500 | -2.50000 |
| 222 | -82.9570 | 3.12500 | -2.50000 |
| 223 | -34.4470 | 2.12500 | -3.00000 |
| 224 | -34.4470 | 2.12500 | -4.25000 |
| 225 | -34.4470 | 3.12500 | -3.00000 |

| | | | |
|-----|----------|---------|----------|
| 226 | -34.4470 | 9.12500 | -3.00000 |
| 227 | -34.4470 | 9.12500 | -4.25000 |
| 228 | -34.4470 | 10.1250 | -3.00000 |
| 229 | -34.4470 | 5.62500 | -4.25000 |
| 230 | -35.6137 | 2.12500 | -4.25000 |
| 231 | -35.6137 | 5.62500 | -4.25000 |
| 232 | -34.4470 | 10.2050 | -4.25000 |
| 233 | -35.4470 | 9.12500 | -4.25000 |
| 234 | -34.4470 | 1.04500 | -4.25000 |
| 235 | -35.4470 | 1.04500 | -4.25000 |
| 236 | -34.4470 | 5.62500 | -5.50000 |
| 237 | -34.4470 | 6.62500 | -4.25000 |
| 238 | -34.4470 | 5.62500 | -9.75000 |
| 239 | -34.4470 | 5.62500 | -6.03125 |
| 240 | -34.4470 | 5.62500 | -6.56250 |
| 241 | -34.4470 | 5.62500 | -7.09375 |
| 242 | -34.4470 | 5.62500 | -7.62500 |
| 243 | -34.4470 | 5.62500 | -8.15625 |
| 244 | -34.4470 | 5.62500 | -8.68750 |
| 245 | -34.4470 | 5.62500 | -9.21875 |
| 246 | -34.4470 | 6.62500 | -5.50000 |
| 247 | -34.4470 | 6.62500 | -6.03125 |
| 248 | -34.4470 | 6.62500 | -6.56250 |
| 249 | -34.4470 | 6.62500 | -7.09375 |
| 250 | -34.4470 | 6.62500 | -7.62500 |
| 251 | -34.4470 | 6.62500 | -8.15625 |
| 252 | -34.4470 | 6.62500 | -8.68750 |
| 253 | -34.4470 | 6.62500 | -9.21875 |
| 254 | -34.4470 | 5.62500 | -11.5500 |
| 255 | -34.4470 | 6.62500 | -9.75000 |
| 256 | -34.4470 | 9.12500 | -2.50000 |
| 257 | -34.4470 | 10.1250 | -2.50000 |
| 258 | -34.4470 | 2.12500 | -2.50000 |
| 259 | -34.4470 | 3.12500 | -2.50000 |
| 260 | 33.5470 | 2.12500 | -3.00000 |
| 261 | 33.5470 | 2.12500 | -4.25000 |
| 262 | 33.5470 | 3.12500 | -3.00000 |
| 263 | 33.5470 | 9.12500 | -3.00000 |
| 264 | 33.5470 | 9.12500 | -4.25000 |
| 265 | 33.5470 | 10.1250 | -3.00000 |
| 266 | 33.5470 | 5.62500 | -4.25000 |
| 267 | 32.3803 | 2.12500 | -4.25000 |
| 268 | 32.3803 | 5.62500 | -4.25000 |
| 269 | 33.5470 | 10.2050 | -4.25000 |
| 270 | 32.5470 | 9.12500 | -4.25000 |
| 271 | 33.5470 | 1.04500 | -4.25000 |
| 272 | 32.5470 | 1.04500 | -4.25000 |
| 273 | 33.5470 | 5.62500 | -5.50000 |
| 274 | 33.5470 | 6.62500 | -4.25000 |
| 275 | 33.5470 | 5.62500 | -10.0000 |
| 276 | 33.5470 | 5.62500 | -6.06250 |
| 277 | 33.5470 | 5.62500 | -6.62500 |
| 278 | 33.5470 | 5.62500 | -7.18750 |
| 279 | 33.5470 | 5.62500 | -7.75000 |
| 280 | 33.5470 | 5.62500 | -8.31250 |
| 281 | 33.5470 | 5.62500 | -8.87500 |
| 282 | 33.5470 | 5.62500 | -9.43750 |
| 283 | 33.5470 | 6.62500 | -5.50000 |
| 284 | 33.5470 | 6.62500 | -6.06250 |
| 285 | 33.5470 | 6.62500 | -6.62500 |
| 286 | 33.5470 | 6.62500 | -7.18750 |
| 287 | 33.5470 | 6.62500 | -7.75000 |
| 288 | 33.5470 | 6.62500 | -8.31250 |
| 289 | 33.5470 | 6.62500 | -8.87500 |
| 290 | 33.5470 | 6.62500 | -9.43750 |
| 291 | 33.5470 | 5.62500 | -11.8000 |
| 292 | 33.5470 | 6.62500 | -10.0000 |
| 293 | 33.5470 | 9.12500 | -2.50000 |
| 294 | 33.5470 | 10.1250 | -2.50000 |
| 295 | 33.5470 | 2.12500 | -2.50000 |
| 296 | 33.5470 | 3.12500 | -2.50000 |
| 297 | 82.0570 | 2.12500 | -3.00000 |
| 298 | 82.0570 | 2.12500 | -4.25000 |
| 299 | 82.0570 | 3.12500 | -3.00000 |
| 300 | 82.0570 | 9.12500 | -3.00000 |
| 301 | 82.0570 | 9.12500 | -4.25000 |
| 302 | 82.0570 | 10.1250 | -3.00000 |
| 303 | 82.0570 | 5.62500 | -4.25000 |
| 304 | 80.8903 | 2.12500 | -4.25000 |
| 305 | 80.8903 | 5.62500 | -4.25000 |
| 306 | 82.0570 | 10.2050 | -4.25000 |
| 307 | 81.0570 | 9.12500 | -4.25000 |
| 308 | 82.0570 | 1.04500 | -4.25000 |
| 309 | 81.0570 | 1.04500 | -4.25000 |
| 310 | 82.0570 | 5.62500 | -5.50000 |
| 311 | 82.0570 | 6.62500 | -4.25000 |
| 312 | 82.0570 | 5.62500 | -9.50000 |
| 313 | 82.0570 | 5.62500 | -6.00000 |
| 314 | 82.0570 | 5.62500 | -6.50000 |
| 315 | 82.0570 | 5.62500 | -7.00000 |
| 316 | 82.0570 | 5.62500 | -7.50000 |
| 317 | 82.0570 | 5.62500 | -8.00000 |
| 318 | 82.0570 | 5.62500 | -8.50000 |
| 319 | 82.0570 | 5.62500 | -9.00000 |
| 320 | 82.0570 | 6.62500 | -5.50000 |
| 321 | 82.0570 | 6.62500 | -6.00000 |
| 322 | 82.0570 | 6.62500 | -6.50000 |
| 323 | 82.0570 | 6.62500 | -7.00000 |
| 324 | 82.0570 | 6.62500 | -7.50000 |
| 325 | 82.0570 | 6.62500 | -8.00000 |
| 326 | 82.0570 | 6.62500 | -8.50000 |
| 327 | 82.0570 | 6.62500 | -9.00000 |
| 328 | 82.0570 | 5.62500 | -11.3000 |
| 329 | 82.0570 | 6.62500 | -9.50000 |
| 330 | 82.0570 | 9.12500 | -2.50000 |

| | | | |
|-----|---------|---------|----------|
| 331 | 82.0570 | 10.1250 | -2.50000 |
| 332 | 82.0570 | 2.12500 | -2.50000 |
| 333 | 82.0570 | 3.12500 | -2.50000 |
| 334 | 130.587 | 2.12500 | -3.00000 |
| 335 | 130.587 | 2.12500 | -4.25000 |
| 336 | 130.587 | 3.12500 | -3.00000 |
| 337 | 130.587 | 9.12500 | -3.00000 |
| 338 | 130.587 | 9.12500 | -4.25000 |
| 339 | 130.587 | 10.1250 | -3.00000 |
| 340 | 130.587 | 5.62500 | -4.25000 |
| 341 | 129.420 | 2.12500 | -4.25000 |
| 342 | 129.420 | 5.62500 | -4.25000 |
| 343 | 130.587 | 10.2050 | -4.25000 |
| 344 | 129.587 | 9.12500 | -4.25000 |
| 345 | 130.587 | 1.04500 | -4.25000 |
| 346 | 129.587 | 1.04500 | -4.25000 |
| 347 | 130.587 | 5.62500 | -5.50000 |
| 348 | 130.587 | 6.62500 | -4.25000 |
| 349 | 130.587 | 5.62500 | -9.50000 |
| 350 | 130.587 | 5.62500 | -6.00000 |
| 351 | 130.587 | 5.62500 | -6.50000 |
| 352 | 130.587 | 5.62500 | -7.00000 |
| 353 | 130.587 | 5.62500 | -7.50000 |
| 354 | 130.587 | 5.62500 | -8.00000 |
| 355 | 130.587 | 5.62500 | -8.50000 |
| 356 | 130.587 | 5.62500 | -9.00000 |
| 357 | 130.587 | 6.62500 | -5.50000 |
| 358 | 130.587 | 6.62500 | -6.00000 |
| 359 | 130.587 | 6.62500 | -6.50000 |
| 360 | 130.587 | 6.62500 | -7.00000 |
| 361 | 130.587 | 6.62500 | -7.50000 |
| 362 | 130.587 | 6.62500 | -8.00000 |
| 363 | 130.587 | 6.62500 | -8.50000 |
| 364 | 130.587 | 6.62500 | -9.00000 |
| 365 | 130.587 | 5.62500 | -11.3000 |
| 366 | 130.587 | 6.62500 | -9.50000 |
| 367 | 130.587 | 9.12500 | -2.50000 |
| 368 | 130.587 | 10.1250 | -2.50000 |
| 369 | 130.587 | 2.12500 | -2.50000 |
| 370 | 130.587 | 3.12500 | -2.50000 |
| 371 | 179.137 | 2.12500 | -3.00000 |
| 372 | 179.137 | 2.12500 | -4.25000 |
| 373 | 179.137 | 3.12500 | -3.00000 |
| 374 | 179.137 | 9.12500 | -3.00000 |
| 375 | 179.137 | 9.12500 | -4.25000 |
| 376 | 179.137 | 10.1250 | -3.00000 |
| 377 | 179.137 | 5.62500 | -4.25000 |
| 378 | 177.970 | 2.12500 | -4.25000 |
| 379 | 177.970 | 5.62500 | -4.25000 |
| 380 | 179.137 | 10.2050 | -4.25000 |
| 381 | 178.137 | 9.12500 | -4.25000 |
| 382 | 179.137 | 1.04500 | -4.25000 |
| 383 | 178.137 | 1.04500 | -4.25000 |
| 384 | 179.137 | 5.62500 | -5.50000 |
| 385 | 179.137 | 6.62500 | -4.25000 |
| 386 | 179.137 | 5.62500 | -9.25000 |
| 387 | 179.137 | 5.62500 | -5.96875 |
| 388 | 179.137 | 5.62500 | -6.43750 |
| 389 | 179.137 | 5.62500 | -6.90625 |
| 390 | 179.137 | 5.62500 | -7.37500 |
| 391 | 179.137 | 5.62500 | -7.84375 |
| 392 | 179.137 | 5.62500 | -8.31250 |
| 393 | 179.137 | 5.62500 | -8.78125 |
| 394 | 179.137 | 6.62500 | -5.50000 |
| 395 | 179.137 | 6.62500 | -5.96875 |
| 396 | 179.137 | 6.62500 | -6.43750 |
| 397 | 179.137 | 6.62500 | -6.90625 |
| 398 | 179.137 | 6.62500 | -7.37500 |
| 399 | 179.137 | 6.62500 | -7.84375 |
| 400 | 179.137 | 6.62500 | -8.31250 |
| 401 | 179.137 | 6.62500 | -8.78125 |
| 402 | 179.137 | 5.62500 | -11.0500 |
| 403 | 179.137 | 6.62500 | -9.25000 |
| 404 | 179.137 | 9.12500 | -2.50000 |
| 405 | 179.137 | 10.1250 | -2.50000 |
| 406 | 179.137 | 2.12500 | -2.50000 |
| 407 | 179.137 | 3.12500 | -2.50000 |
| 408 | 227.707 | 2.12500 | -3.00000 |
| 409 | 227.707 | 2.12500 | -4.25000 |
| 410 | 227.707 | 3.12500 | -3.00000 |
| 411 | 227.707 | 9.12500 | -3.00000 |
| 412 | 227.707 | 9.12500 | -4.25000 |
| 413 | 227.707 | 10.1250 | -3.00000 |
| 414 | 227.707 | 5.62500 | -4.25000 |
| 415 | 226.540 | 2.12500 | -4.25000 |
| 416 | 226.540 | 5.62500 | -4.25000 |
| 417 | 227.707 | 10.2050 | -4.25000 |
| 418 | 226.707 | 9.12500 | -4.25000 |
| 419 | 227.707 | 1.04500 | -4.25000 |
| 420 | 226.707 | 1.04500 | -4.25000 |
| 421 | 227.707 | 5.62500 | -5.50000 |
| 422 | 227.707 | 6.62500 | -4.25000 |
| 423 | 227.707 | 5.62500 | -8.50000 |
| 424 | 227.707 | 5.62500 | -5.87500 |
| 425 | 227.707 | 5.62500 | -6.25000 |
| 426 | 227.707 | 5.62500 | -6.62500 |
| 427 | 227.707 | 5.62500 | -7.00000 |
| 428 | 227.707 | 5.62500 | -7.37500 |
| 429 | 227.707 | 5.62500 | -7.75000 |
| 430 | 227.707 | 5.62500 | -8.12500 |
| 431 | 227.707 | 6.62500 | -5.50000 |
| 432 | 227.707 | 6.62500 | -5.87500 |
| 433 | 227.707 | 6.62500 | -6.25000 |
| 434 | 227.707 | 6.62500 | -6.62500 |
| 435 | 227.707 | 6.62500 | -7.00000 |

| | | | |
|-----|---------|---------|----------|
| 436 | 227.707 | 6.62500 | -7.37500 |
| 437 | 227.707 | 6.62500 | -7.75000 |
| 438 | 227.707 | 6.62500 | -8.12500 |
| 439 | 227.707 | 5.62500 | -10.3000 |
| 440 | 227.707 | 6.62500 | -8.50000 |
| 441 | 227.707 | 9.12500 | -2.50000 |
| 442 | 227.707 | 10.1250 | -2.50000 |
| 443 | 227.707 | 2.12500 | -2.50000 |
| 444 | 227.707 | 3.12500 | -2.50000 |
| 445 | 276.287 | 2.12500 | -3.00000 |
| 446 | 276.287 | 2.12500 | -4.25000 |
| 447 | 276.287 | 3.12500 | -3.00000 |
| 448 | 276.287 | 9.12500 | -3.00000 |
| 449 | 276.287 | 9.12500 | -4.25000 |
| 450 | 276.287 | 10.1250 | -3.00000 |
| 451 | 276.287 | 5.62500 | -4.25000 |
| 452 | 275.120 | 2.12500 | -4.25000 |
| 453 | 275.120 | 5.62500 | -4.25000 |
| 454 | 276.287 | 10.2050 | -4.25000 |
| 455 | 275.287 | 9.12500 | -4.25000 |
| 456 | 276.287 | 1.04500 | -4.25000 |
| 457 | 275.287 | 1.04500 | -4.25000 |
| 458 | 276.287 | 5.62500 | -5.50000 |
| 459 | 276.287 | 6.62500 | -4.25000 |
| 460 | 276.287 | 5.62500 | -8.50000 |
| 461 | 276.287 | 5.62500 | -5.87500 |
| 462 | 276.287 | 5.62500 | -6.25000 |
| 463 | 276.287 | 5.62500 | -6.62500 |
| 464 | 276.287 | 5.62500 | -7.00000 |
| 465 | 276.287 | 5.62500 | -7.37500 |
| 466 | 276.287 | 5.62500 | -7.75000 |
| 467 | 276.287 | 5.62500 | -8.12500 |
| 468 | 276.287 | 6.62500 | -5.50000 |
| 469 | 276.287 | 6.62500 | -5.87500 |
| 470 | 276.287 | 6.62500 | -6.25000 |
| 471 | 276.287 | 6.62500 | -6.62500 |
| 472 | 276.287 | 6.62500 | -7.00000 |
| 473 | 276.287 | 6.62500 | -7.37500 |
| 474 | 276.287 | 6.62500 | -7.75000 |
| 475 | 276.287 | 6.62500 | -8.12500 |
| 476 | 276.287 | 5.62500 | -10.3000 |
| 477 | 276.287 | 6.62500 | -8.50000 |
| 478 | 276.287 | 9.12500 | -2.50000 |
| 479 | 276.287 | 10.1250 | -2.50000 |
| 480 | 276.287 | 2.12500 | -2.50000 |
| 481 | 276.287 | 3.12500 | -2.50000 |
| 482 | 324.877 | 2.12500 | -3.00000 |
| 483 | 324.877 | 2.12500 | -4.25000 |
| 484 | 324.877 | 3.12500 | -3.00000 |
| 485 | 324.877 | 9.12500 | -3.00000 |
| 486 | 324.877 | 9.12500 | -4.25000 |
| 487 | 324.877 | 10.1250 | -3.00000 |
| 488 | 324.877 | 5.62500 | -4.25000 |
| 489 | 323.710 | 2.12500 | -4.25000 |
| 490 | 323.710 | 5.62500 | -4.25000 |
| 491 | 324.877 | 10.2050 | -4.25000 |
| 492 | 323.877 | 9.12500 | -4.25000 |
| 493 | 324.877 | 1.04500 | -4.25000 |
| 494 | 323.877 | 1.04500 | -4.25000 |
| 495 | 324.877 | 5.62500 | -5.50000 |
| 496 | 324.877 | 6.62500 | -4.25000 |
| 497 | 324.877 | 5.62500 | -8.75000 |
| 498 | 324.877 | 5.62500 | -5.90625 |
| 499 | 324.877 | 5.62500 | -6.31250 |
| 500 | 324.877 | 5.62500 | -6.71875 |
| 501 | 324.877 | 5.62500 | -7.12500 |
| 502 | 324.877 | 5.62500 | -7.53125 |
| 503 | 324.877 | 5.62500 | -7.93750 |
| 504 | 324.877 | 5.62500 | -8.34375 |
| 505 | 324.877 | 6.62500 | -5.50000 |
| 506 | 324.877 | 6.62500 | -5.90625 |
| 507 | 324.877 | 6.62500 | -6.31250 |
| 508 | 324.877 | 6.62500 | -6.71875 |
| 509 | 324.877 | 6.62500 | -7.12500 |
| 510 | 324.877 | 6.62500 | -7.53125 |
| 511 | 324.877 | 6.62500 | -7.93750 |
| 512 | 324.877 | 6.62500 | -8.34375 |
| 513 | 324.877 | 5.62500 | -10.5500 |
| 514 | 324.877 | 6.62500 | -8.75000 |
| 515 | 324.877 | 9.12500 | -2.50000 |
| 516 | 324.877 | 10.1250 | -2.50000 |
| 517 | 324.877 | 2.12500 | -2.50000 |
| 518 | 324.877 | 3.12500 | -2.50000 |
| 519 | 373.578 | 2.12500 | -3.00000 |
| 520 | 373.578 | 2.12500 | -4.25000 |
| 521 | 373.578 | 3.12500 | -3.00000 |
| 522 | 373.578 | 9.12500 | -3.00000 |
| 523 | 373.578 | 9.12500 | -4.25000 |
| 524 | 373.578 | 10.1250 | -3.00000 |
| 525 | 373.578 | 5.62500 | -4.25000 |
| 526 | 372.411 | 2.12500 | -4.25000 |
| 527 | 372.411 | 5.62500 | -4.25000 |
| 528 | 373.578 | 10.2050 | -4.25000 |
| 529 | 372.578 | 9.12500 | -4.25000 |
| 530 | 373.578 | 1.04500 | -4.25000 |
| 531 | 372.578 | 1.04500 | -4.25000 |
| 532 | 373.578 | 5.62500 | -5.50000 |
| 533 | 373.578 | 6.62500 | -4.25000 |
| 534 | 373.578 | 5.62500 | -8.75000 |
| 535 | 373.578 | 5.62500 | -5.90625 |
| 536 | 373.578 | 5.62500 | -6.31250 |
| 537 | 373.578 | 5.62500 | -6.71875 |
| 538 | 373.578 | 5.62500 | -7.12500 |
| 539 | 373.578 | 5.62500 | -7.53125 |
| 540 | 373.578 | 5.62500 | -7.93750 |

| | | | |
|-----|-----------|----------|--------------|
| 541 | 373.578 | 5.62500 | -8.34375 |
| 542 | 373.578 | 6.62500 | -5.50000 |
| 543 | 373.578 | 6.62500 | -5.90625 |
| 544 | 373.578 | 6.62500 | -6.31250 |
| 545 | 373.578 | 6.62500 | -6.71875 |
| 546 | 373.578 | 6.62500 | -7.12500 |
| 547 | 373.578 | 6.62500 | -7.53125 |
| 548 | 373.578 | 6.62500 | -7.93750 |
| 549 | 373.578 | 6.62500 | -8.34375 |
| 550 | 373.578 | 5.62500 | -10.55000 |
| 551 | 373.578 | 6.62500 | -8.75000 |
| 552 | 373.578 | 9.12500 | -2.50000 |
| 553 | 373.578 | 10.12500 | -2.50000 |
| 554 | 373.578 | 2.12500 | -2.50000 |
| 555 | 373.578 | 3.12500 | -2.50000 |
| 556 | -0.447000 | 2.12500 | -4.25000 |
| 557 | -0.447000 | 5.62500 | -4.25000 |
| 558 | -1.61367 | 2.12500 | -4.25000 |
| 559 | -0.447000 | 9.12500 | -4.25000 |
| 560 | -1.61367 | 5.62500 | -4.25000 |
| 561 | -0.447000 | 10.20500 | -4.25000 |
| 562 | -1.44700 | 9.12500 | -4.25000 |
| 563 | -0.447000 | 1.04500 | -4.25000 |
| 564 | -1.44700 | 1.04500 | -4.25000 |
| 565 | -0.447000 | 5.62500 | -5.50000 |
| 566 | -0.447000 | 6.62500 | -4.25000 |
| 567 | -0.447000 | 5.62500 | -10.3000 |
| 568 | -0.447000 | 5.62500 | -6.10000 |
| 569 | -0.447000 | 5.62500 | -6.70000 |
| 570 | -0.447000 | 5.62500 | -7.30000 |
| 571 | -0.447000 | 5.62500 | -7.90000 |
| 572 | -0.447000 | 5.62500 | -8.50000 |
| 573 | -0.447000 | 5.62500 | -9.10000 |
| 574 | -0.447000 | 5.62500 | -9.70000 |
| 575 | -0.447000 | 6.62500 | -5.50000 |
| 576 | -0.447000 | 6.62500 | -6.10000 |
| 577 | -0.447000 | 6.62500 | -6.70000 |
| 578 | -0.447000 | 6.62500 | -7.30000 |
| 579 | -0.447000 | 6.62500 | -7.90000 |
| 580 | -0.447000 | 6.62500 | -8.50000 |
| 581 | -0.447000 | 6.62500 | -9.10000 |
| 582 | -0.447000 | 6.62500 | -9.70000 |
| 583 | -0.447000 | 5.62500 | -12.3000 |
| 584 | -0.447000 | 6.62500 | -10.3000 |
| 585 | -1.40000 | 9.12500 | -4.25000 |
| 586 | -1.40000 | 10.12500 | -4.25000 |
| 587 | 0.500000 | 9.12500 | -4.25000 |
| 588 | -0.447000 | 10.12500 | -4.25000 |
| 589 | -1.40000 | 2.12500 | -4.25000 |
| 590 | -1.40000 | 3.12500 | -4.25000 |
| 591 | 0.500000 | 2.12500 | -4.25000 |
| 592 | -0.447000 | 3.12500 | -4.25000 |
| 593 | 0.500000 | 2.12500 | -2.50000 |
| 594 | 0.500000 | 2.12500 | -3.00000 |
| 595 | 0.500000 | 3.12500 | -2.50000 |
| 596 | 0.500000 | 3.12500 | -3.00000 |
| 597 | -1.40000 | 2.12500 | -2.50000 |
| 598 | -1.40000 | 2.12500 | -3.00000 |
| 599 | -1.40000 | 3.12500 | -2.50000 |
| 600 | -1.40000 | 3.12500 | -3.00000 |
| 601 | 0.500000 | 9.12500 | -2.50000 |
| 602 | 0.500000 | 9.12500 | -3.00000 |
| 603 | 0.500000 | 10.12500 | -2.50000 |
| 604 | 0.500000 | 10.12500 | -3.00000 |
| 605 | -1.40000 | 9.12500 | -2.50000 |
| 606 | -1.40000 | 9.12500 | -3.00000 |
| 607 | -1.40000 | 10.12500 | -2.50000 |
| 608 | -1.40000 | 10.12500 | -3.00000 |
| 609 | -359.809 | 2.12500 | 0.000000E+00 |
| 610 | -359.809 | 2.12500 | -2.50000 |
| 611 | -359.809 | 3.12500 | 0.000000E+00 |
| 612 | -325.777 | 2.12500 | 0.000000E+00 |
| 613 | -325.777 | 2.12500 | -2.50000 |
| 614 | -325.777 | 3.12500 | 0.000000E+00 |
| 615 | -277.187 | 2.12500 | 0.000000E+00 |
| 616 | -277.187 | 2.12500 | -2.50000 |
| 617 | -277.187 | 3.12500 | 0.000000E+00 |
| 618 | -228.607 | 2.12500 | 0.000000E+00 |
| 619 | -228.607 | 2.12500 | -2.50000 |
| 620 | -228.607 | 3.12500 | 0.000000E+00 |
| 621 | -180.037 | 2.12500 | 0.000000E+00 |
| 622 | -180.037 | 2.12500 | -2.50000 |
| 623 | -180.037 | 3.12500 | 0.000000E+00 |
| 624 | -131.487 | 2.12500 | 0.000000E+00 |
| 625 | -131.487 | 2.12500 | -2.50000 |
| 626 | -131.487 | 3.12500 | 0.000000E+00 |
| 627 | -82.9570 | 2.12500 | 0.000000E+00 |
| 628 | -82.9570 | 2.12500 | -2.50000 |
| 629 | -82.9570 | 3.12500 | 0.000000E+00 |
| 630 | -34.4470 | 2.12500 | 0.000000E+00 |
| 631 | -34.4470 | 2.12500 | -2.50000 |
| 632 | -34.4470 | 3.12500 | 0.000000E+00 |
| 633 | -1.40000 | 2.12500 | 0.000000E+00 |
| 634 | -1.40000 | 2.12500 | -2.50000 |
| 635 | -1.40000 | 3.12500 | 0.000000E+00 |
| 636 | 0.500000 | 2.12500 | 0.000000E+00 |
| 637 | 0.500000 | 2.12500 | -2.50000 |
| 638 | 0.500000 | 3.12500 | 0.000000E+00 |
| 639 | 33.5470 | 2.12500 | 0.000000E+00 |
| 640 | 33.5470 | 2.12500 | -2.50000 |
| 641 | 33.5470 | 3.12500 | 0.000000E+00 |
| 642 | 82.0570 | 2.12500 | 0.000000E+00 |
| 643 | 82.0570 | 2.12500 | -2.50000 |
| 644 | 82.0570 | 3.12500 | 0.000000E+00 |
| 645 | 130.587 | 2.12500 | 0.000000E+00 |

| | | | |
|-----|----------|----------|--------------|
| 646 | 130.587 | 2.12500 | -2.50000 |
| 647 | 130.587 | 3.12500 | 0.000000E+00 |
| 648 | 179.137 | 2.12500 | 0.000000E+00 |
| 649 | 179.137 | 2.12500 | -2.50000 |
| 650 | 179.137 | 3.12500 | 0.000000E+00 |
| 651 | 227.707 | 2.12500 | 0.000000E+00 |
| 652 | 227.707 | 2.12500 | -2.50000 |
| 653 | 227.707 | 3.12500 | 0.000000E+00 |
| 654 | 276.287 | 2.12500 | 0.000000E+00 |
| 655 | 276.287 | 2.12500 | -2.50000 |
| 656 | 276.287 | 3.12500 | 0.000000E+00 |
| 657 | 324.877 | 2.12500 | 0.000000E+00 |
| 658 | 324.877 | 2.12500 | -2.50000 |
| 659 | 324.877 | 3.12500 | 0.000000E+00 |
| 660 | 373.578 | 2.12500 | 0.000000E+00 |
| 661 | 373.578 | 2.12500 | -2.50000 |
| 662 | 373.578 | 3.12500 | 0.000000E+00 |
| 663 | 407.610 | 2.12500 | 0.000000E+00 |
| 664 | 407.610 | 2.12500 | -2.50000 |
| 665 | 407.610 | 3.12500 | 0.000000E+00 |
| 666 | -359.809 | 9.12500 | 0.000000E+00 |
| 667 | -359.809 | 9.12500 | -2.50000 |
| 668 | -359.809 | 10.12500 | 0.000000E+00 |
| 669 | -325.777 | 9.12500 | 0.000000E+00 |
| 670 | -325.777 | 9.12500 | -2.50000 |
| 671 | -325.777 | 10.12500 | 0.000000E+00 |
| 672 | -277.187 | 9.12500 | 0.000000E+00 |
| 673 | -277.187 | 9.12500 | -2.50000 |
| 674 | -277.187 | 10.12500 | 0.000000E+00 |
| 675 | -228.607 | 9.12500 | 0.000000E+00 |
| 676 | -228.607 | 9.12500 | -2.50000 |
| 677 | -228.607 | 10.12500 | 0.000000E+00 |
| 678 | -180.037 | 9.12500 | 0.000000E+00 |
| 679 | -180.037 | 9.12500 | -2.50000 |
| 680 | -180.037 | 10.12500 | 0.000000E+00 |
| 681 | -131.487 | 9.12500 | 0.000000E+00 |
| 682 | -131.487 | 9.12500 | -2.50000 |
| 683 | -131.487 | 10.12500 | 0.000000E+00 |
| 684 | -82.9570 | 9.12500 | 0.000000E+00 |
| 685 | -82.9570 | 9.12500 | -2.50000 |
| 686 | -82.9570 | 10.12500 | 0.000000E+00 |
| 687 | -34.4470 | 9.12500 | 0.000000E+00 |
| 688 | -34.4470 | 9.12500 | -2.50000 |
| 689 | -34.4470 | 10.12500 | 0.000000E+00 |
| 690 | -1.40000 | 9.12500 | 0.000000E+00 |
| 691 | -1.40000 | 9.12500 | -2.50000 |
| 692 | -1.40000 | 10.12500 | 0.000000E+00 |
| 693 | 0.500000 | 9.12500 | 0.000000E+00 |
| 694 | 0.500000 | 9.12500 | -2.50000 |
| 695 | 0.500000 | 10.12500 | 0.000000E+00 |
| 696 | 33.5470 | 9.12500 | 0.000000E+00 |
| 697 | 33.5470 | 9.12500 | -2.50000 |
| 698 | 33.5470 | 10.12500 | 0.000000E+00 |
| 699 | 82.0570 | 9.12500 | 0.000000E+00 |
| 700 | 82.0570 | 9.12500 | -2.50000 |
| 701 | 82.0570 | 10.12500 | 0.000000E+00 |
| 702 | 130.587 | 9.12500 | 0.000000E+00 |
| 703 | 130.587 | 9.12500 | -2.50000 |
| 704 | 130.587 | 10.12500 | 0.000000E+00 |
| 705 | 179.137 | 9.12500 | 0.000000E+00 |
| 706 | 179.137 | 9.12500 | -2.50000 |
| 707 | 179.137 | 10.12500 | 0.000000E+00 |
| 708 | 227.707 | 9.12500 | 0.000000E+00 |
| 709 | 227.707 | 9.12500 | -2.50000 |
| 710 | 227.707 | 10.12500 | 0.000000E+00 |
| 711 | 276.287 | 9.12500 | 0.000000E+00 |
| 712 | 276.287 | 9.12500 | -2.50000 |
| 713 | 276.287 | 10.12500 | 0.000000E+00 |
| 714 | 324.877 | 9.12500 | 0.000000E+00 |
| 715 | 324.877 | 9.12500 | -2.50000 |
| 716 | 324.877 | 10.12500 | 0.000000E+00 |
| 717 | 373.578 | 9.12500 | 0.000000E+00 |
| 718 | 373.578 | 9.12500 | -2.50000 |
| 719 | 373.578 | 10.12500 | 0.000000E+00 |
| 720 | -357.476 | 9.12500 | 0.000000E+00 |
| 721 | 278.620 | 9.12500 | 0.000000E+00 |
| 722 | 327.210 | 9.12500 | 0.000000E+00 |
| 723 | 375.911 | 9.12500 | 0.000000E+00 |
| 724 | 407.610 | 9.12500 | 0.000000E+00 |
| 725 | 409.943 | 9.12500 | 0.000000E+00 |
| 726 | -354.947 | 9.12500 | 0.000000E+00 |
| 727 | -354.947 | 2.12500 | 0.000000E+00 |
| 728 | -352.614 | 9.12500 | 0.000000E+00 |
| 729 | -350.086 | 9.12500 | 0.000000E+00 |
| 730 | -350.086 | 2.12500 | 0.000000E+00 |
| 731 | -347.752 | 9.12500 | 0.000000E+00 |
| 732 | -345.224 | 9.12500 | 0.000000E+00 |
| 733 | -345.224 | 2.12500 | 0.000000E+00 |
| 734 | -342.891 | 9.12500 | 0.000000E+00 |
| 735 | -340.362 | 9.12500 | 0.000000E+00 |
| 736 | -340.362 | 2.12500 | 0.000000E+00 |
| 737 | -338.029 | 9.12500 | 0.000000E+00 |
| 738 | -335.500 | 9.12500 | 0.000000E+00 |
| 739 | -335.500 | 2.12500 | 0.000000E+00 |
| 740 | -333.167 | 9.12500 | 0.000000E+00 |
| 741 | -330.639 | 9.12500 | 0.000000E+00 |
| 742 | -330.639 | 2.12500 | 0.000000E+00 |
| 743 | -328.305 | 9.12500 | 0.000000E+00 |
| 744 | -29.7260 | 9.12500 | 0.000000E+00 |
| 745 | -29.7260 | 2.12500 | 0.000000E+00 |
| 746 | -27.3927 | 9.12500 | 0.000000E+00 |
| 747 | -25.0050 | 9.12500 | 0.000000E+00 |
| 748 | -25.0050 | 2.12500 | 0.000000E+00 |
| 749 | -22.6717 | 9.12500 | 0.000000E+00 |
| 750 | -20.2840 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 751 | -20.2840 | 2.12500 | 0.000000E+00 |
| 752 | -17.9507 | 9.12500 | 0.000000E+00 |
| 753 | -15.5630 | 9.12500 | 0.000000E+00 |
| 754 | -15.5630 | 2.12500 | 0.000000E+00 |
| 755 | -13.2297 | 9.12500 | 0.000000E+00 |
| 756 | -10.8420 | 9.12500 | 0.000000E+00 |
| 757 | -10.8420 | 2.12500 | 0.000000E+00 |
| 758 | -8.50867 | 9.12500 | 0.000000E+00 |
| 759 | -6.12100 | 9.12500 | 0.000000E+00 |
| 760 | -6.12100 | 2.12500 | 0.000000E+00 |
| 761 | -3.78767 | 9.12500 | 0.000000E+00 |
| 762 | 5.22100 | 9.12500 | 0.000000E+00 |
| 763 | 5.22100 | 2.12500 | 0.000000E+00 |
| 764 | 7.55433 | 9.12500 | 0.000000E+00 |
| 765 | 9.94200 | 9.12500 | 0.000000E+00 |
| 766 | 9.94200 | 2.12500 | 0.000000E+00 |
| 767 | 12.2753 | 9.12500 | 0.000000E+00 |
| 768 | 14.6630 | 9.12500 | 0.000000E+00 |
| 769 | 14.6630 | 2.12500 | 0.000000E+00 |
| 770 | 16.9963 | 9.12500 | 0.000000E+00 |
| 771 | 19.3840 | 9.12500 | 0.000000E+00 |
| 772 | 19.3840 | 2.12500 | 0.000000E+00 |
| 773 | 21.7173 | 9.12500 | 0.000000E+00 |
| 774 | 24.1050 | 9.12500 | 0.000000E+00 |
| 775 | 24.1050 | 2.12500 | 0.000000E+00 |
| 776 | 26.4383 | 9.12500 | 0.000000E+00 |
| 777 | 28.8260 | 9.12500 | 0.000000E+00 |
| 778 | 28.8260 | 2.12500 | 0.000000E+00 |
| 779 | 31.1593 | 9.12500 | 0.000000E+00 |
| 780 | 378.440 | 9.12500 | 0.000000E+00 |
| 781 | 378.440 | 2.12500 | 0.000000E+00 |
| 782 | 380.773 | 9.12500 | 0.000000E+00 |
| 783 | 383.301 | 9.12500 | 0.000000E+00 |
| 784 | 383.301 | 2.12500 | 0.000000E+00 |
| 785 | 385.635 | 9.12500 | 0.000000E+00 |
| 786 | 388.163 | 9.12500 | 0.000000E+00 |
| 787 | 388.163 | 2.12500 | 0.000000E+00 |
| 788 | 390.496 | 9.12500 | 0.000000E+00 |
| 789 | 393.025 | 9.12500 | 0.000000E+00 |
| 790 | 393.025 | 2.12500 | 0.000000E+00 |
| 791 | 395.358 | 9.12500 | 0.000000E+00 |
| 792 | 397.887 | 9.12500 | 0.000000E+00 |
| 793 | 397.887 | 2.12500 | 0.000000E+00 |
| 794 | 400.220 | 9.12500 | 0.000000E+00 |
| 795 | 402.748 | 9.12500 | 0.000000E+00 |
| 796 | 402.748 | 2.12500 | 0.000000E+00 |
| 797 | 405.082 | 9.12500 | 0.000000E+00 |
| 798 | -320.918 | 9.12500 | 0.000000E+00 |
| 799 | -320.918 | 2.12500 | 0.000000E+00 |
| 800 | -318.585 | 9.12500 | 0.000000E+00 |
| 801 | -316.059 | 9.12500 | 0.000000E+00 |
| 802 | -316.059 | 2.12500 | 0.000000E+00 |
| 803 | -313.726 | 9.12500 | 0.000000E+00 |
| 804 | -311.200 | 9.12500 | 0.000000E+00 |
| 805 | -311.200 | 2.12500 | 0.000000E+00 |
| 806 | -308.867 | 9.12500 | 0.000000E+00 |
| 807 | -306.341 | 9.12500 | 0.000000E+00 |
| 808 | -306.341 | 2.12500 | 0.000000E+00 |
| 809 | -304.008 | 9.12500 | 0.000000E+00 |
| 810 | -301.482 | 9.12500 | 0.000000E+00 |
| 811 | -301.482 | 2.12500 | 0.000000E+00 |
| 812 | -299.149 | 9.12500 | 0.000000E+00 |
| 813 | -296.623 | 9.12500 | 0.000000E+00 |
| 814 | -296.623 | 2.12500 | 0.000000E+00 |
| 815 | -294.290 | 9.12500 | 0.000000E+00 |
| 816 | -291.764 | 9.12500 | 0.000000E+00 |
| 817 | -291.764 | 2.12500 | 0.000000E+00 |
| 818 | -289.431 | 9.12500 | 0.000000E+00 |
| 819 | -286.905 | 9.12500 | 0.000000E+00 |
| 820 | -286.905 | 2.12500 | 0.000000E+00 |
| 821 | -284.572 | 9.12500 | 0.000000E+00 |
| 822 | -282.046 | 9.12500 | 0.000000E+00 |
| 823 | -282.046 | 2.12500 | 0.000000E+00 |
| 824 | -279.713 | 9.12500 | 0.000000E+00 |
| 825 | -272.329 | 9.12500 | 0.000000E+00 |
| 826 | -272.329 | 2.12500 | 0.000000E+00 |
| 827 | -269.996 | 9.12500 | 0.000000E+00 |
| 828 | -267.471 | 9.12500 | 0.000000E+00 |
| 829 | -267.471 | 2.12500 | 0.000000E+00 |
| 830 | -265.138 | 9.12500 | 0.000000E+00 |
| 831 | -262.613 | 9.12500 | 0.000000E+00 |
| 832 | -262.613 | 2.12500 | 0.000000E+00 |
| 833 | -260.280 | 9.12500 | 0.000000E+00 |
| 834 | -257.755 | 9.12500 | 0.000000E+00 |
| 835 | -257.755 | 2.12500 | 0.000000E+00 |
| 836 | -255.422 | 9.12500 | 0.000000E+00 |
| 837 | -252.897 | 9.12500 | 0.000000E+00 |
| 838 | -252.897 | 2.12500 | 0.000000E+00 |
| 839 | -250.564 | 9.12500 | 0.000000E+00 |
| 840 | -248.039 | 9.12500 | 0.000000E+00 |
| 841 | -248.039 | 2.12500 | 0.000000E+00 |
| 842 | -245.706 | 9.12500 | 0.000000E+00 |
| 843 | -243.181 | 9.12500 | 0.000000E+00 |
| 844 | -243.181 | 2.12500 | 0.000000E+00 |
| 845 | -240.848 | 9.12500 | 0.000000E+00 |
| 846 | -238.323 | 9.12500 | 0.000000E+00 |
| 847 | -238.323 | 2.12500 | 0.000000E+00 |
| 848 | -235.990 | 9.12500 | 0.000000E+00 |
| 849 | -233.465 | 9.12500 | 0.000000E+00 |
| 850 | -233.465 | 2.12500 | 0.000000E+00 |
| 851 | -231.132 | 9.12500 | 0.000000E+00 |
| 852 | -223.750 | 9.12500 | 0.000000E+00 |
| 853 | -223.750 | 2.12500 | 0.000000E+00 |
| 854 | -221.417 | 9.12500 | 0.000000E+00 |
| 855 | -218.893 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 856 | -218.893 | 2.12500 | 0.000000E+00 |
| 857 | -216.560 | 9.12500 | 0.000000E+00 |
| 858 | -214.036 | 9.12500 | 0.000000E+00 |
| 859 | -214.036 | 2.12500 | 0.000000E+00 |
| 860 | -211.703 | 9.12500 | 0.000000E+00 |
| 861 | -209.179 | 9.12500 | 0.000000E+00 |
| 862 | -209.179 | 2.12500 | 0.000000E+00 |
| 863 | -206.846 | 9.12500 | 0.000000E+00 |
| 864 | -204.322 | 9.12500 | 0.000000E+00 |
| 865 | -204.322 | 2.12500 | 0.000000E+00 |
| 866 | -201.989 | 9.12500 | 0.000000E+00 |
| 867 | -199.465 | 9.12500 | 0.000000E+00 |
| 868 | -199.465 | 2.12500 | 0.000000E+00 |
| 869 | -197.132 | 9.12500 | 0.000000E+00 |
| 870 | -194.608 | 9.12500 | 0.000000E+00 |
| 871 | -194.608 | 2.12500 | 0.000000E+00 |
| 872 | -192.275 | 9.12500 | 0.000000E+00 |
| 873 | -189.751 | 9.12500 | 0.000000E+00 |
| 874 | -189.751 | 2.12500 | 0.000000E+00 |
| 875 | -187.418 | 9.12500 | 0.000000E+00 |
| 876 | -184.894 | 9.12500 | 0.000000E+00 |
| 877 | -184.894 | 2.12500 | 0.000000E+00 |
| 878 | -182.561 | 9.12500 | 0.000000E+00 |
| 879 | -175.182 | 9.12500 | 0.000000E+00 |
| 880 | -175.182 | 2.12500 | 0.000000E+00 |
| 881 | -172.849 | 9.12500 | 0.000000E+00 |
| 882 | -170.327 | 9.12500 | 0.000000E+00 |
| 883 | -170.327 | 2.12500 | 0.000000E+00 |
| 884 | -167.994 | 9.12500 | 0.000000E+00 |
| 885 | -165.472 | 9.12500 | 0.000000E+00 |
| 886 | -165.472 | 2.12500 | 0.000000E+00 |
| 887 | -163.139 | 9.12500 | 0.000000E+00 |
| 888 | -160.617 | 9.12500 | 0.000000E+00 |
| 889 | -160.617 | 2.12500 | 0.000000E+00 |
| 890 | -158.284 | 9.12500 | 0.000000E+00 |
| 891 | -155.762 | 9.12500 | 0.000000E+00 |
| 892 | -155.762 | 2.12500 | 0.000000E+00 |
| 893 | -153.429 | 9.12500 | 0.000000E+00 |
| 894 | -150.907 | 9.12500 | 0.000000E+00 |
| 895 | -150.907 | 2.12500 | 0.000000E+00 |
| 896 | -148.574 | 9.12500 | 0.000000E+00 |
| 897 | -146.052 | 9.12500 | 0.000000E+00 |
| 898 | -146.052 | 2.12500 | 0.000000E+00 |
| 899 | -143.719 | 9.12500 | 0.000000E+00 |
| 900 | -141.197 | 9.12500 | 0.000000E+00 |
| 901 | -141.197 | 2.12500 | 0.000000E+00 |
| 902 | -138.864 | 9.12500 | 0.000000E+00 |
| 903 | -136.342 | 9.12500 | 0.000000E+00 |
| 904 | -136.342 | 2.12500 | 0.000000E+00 |
| 905 | -134.009 | 9.12500 | 0.000000E+00 |
| 906 | -126.634 | 9.12500 | 0.000000E+00 |
| 907 | -126.634 | 2.12500 | 0.000000E+00 |
| 908 | -124.301 | 9.12500 | 0.000000E+00 |
| 909 | -121.781 | 9.12500 | 0.000000E+00 |
| 910 | -121.781 | 2.12500 | 0.000000E+00 |
| 911 | -119.448 | 9.12500 | 0.000000E+00 |
| 912 | -116.928 | 9.12500 | 0.000000E+00 |
| 913 | -116.928 | 2.12500 | 0.000000E+00 |
| 914 | -114.595 | 9.12500 | 0.000000E+00 |
| 915 | -112.075 | 9.12500 | 0.000000E+00 |
| 916 | -112.075 | 2.12500 | 0.000000E+00 |
| 917 | -109.742 | 9.12500 | 0.000000E+00 |
| 918 | -107.222 | 9.12500 | 0.000000E+00 |
| 919 | -107.222 | 2.12500 | 0.000000E+00 |
| 920 | -104.889 | 9.12500 | 0.000000E+00 |
| 921 | -102.369 | 9.12500 | 0.000000E+00 |
| 922 | -102.369 | 2.12500 | 0.000000E+00 |
| 923 | -100.036 | 9.12500 | 0.000000E+00 |
| 924 | -97.5160 | 9.12500 | 0.000000E+00 |
| 925 | -97.5160 | 2.12500 | 0.000000E+00 |
| 926 | -95.1827 | 9.12500 | 0.000000E+00 |
| 927 | -92.6630 | 9.12500 | 0.000000E+00 |
| 928 | -92.6630 | 2.12500 | 0.000000E+00 |
| 929 | -90.3297 | 9.12500 | 0.000000E+00 |
| 930 | -87.8100 | 9.12500 | 0.000000E+00 |
| 931 | -87.8100 | 2.12500 | 0.000000E+00 |
| 932 | -85.4767 | 9.12500 | 0.000000E+00 |
| 933 | -78.1060 | 9.12500 | 0.000000E+00 |
| 934 | -78.1060 | 2.12500 | 0.000000E+00 |
| 935 | -75.7727 | 9.12500 | 0.000000E+00 |
| 936 | -73.2550 | 9.12500 | 0.000000E+00 |
| 937 | -73.2550 | 2.12500 | 0.000000E+00 |
| 938 | -70.9217 | 9.12500 | 0.000000E+00 |
| 939 | -68.4040 | 9.12500 | 0.000000E+00 |
| 940 | -68.4040 | 2.12500 | 0.000000E+00 |
| 941 | -66.0707 | 9.12500 | 0.000000E+00 |
| 942 | -63.5530 | 9.12500 | 0.000000E+00 |
| 943 | -63.5530 | 2.12500 | 0.000000E+00 |
| 944 | -61.2197 | 9.12500 | 0.000000E+00 |
| 945 | -58.7020 | 9.12500 | 0.000000E+00 |
| 946 | -58.7020 | 2.12500 | 0.000000E+00 |
| 947 | -56.3687 | 9.12500 | 0.000000E+00 |
| 948 | -53.8510 | 9.12500 | 0.000000E+00 |
| 949 | -53.8510 | 2.12500 | 0.000000E+00 |
| 950 | -51.5177 | 9.12500 | 0.000000E+00 |
| 951 | -49.0000 | 9.12500 | 0.000000E+00 |
| 952 | -49.0000 | 2.12500 | 0.000000E+00 |
| 953 | -46.6667 | 9.12500 | 0.000000E+00 |
| 954 | -44.1490 | 9.12500 | 0.000000E+00 |
| 955 | -44.1490 | 2.12500 | 0.000000E+00 |
| 956 | -41.8157 | 9.12500 | 0.000000E+00 |
| 957 | -39.2980 | 9.12500 | 0.000000E+00 |
| 958 | -39.2980 | 2.12500 | 0.000000E+00 |
| 959 | -36.9647 | 9.12500 | 0.000000E+00 |
| 960 | 38.3980 | 9.12500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 961 | 38.3980 | 2.12500 | 0.000000E+00 |
| 962 | 40.7313 | 9.12500 | 0.000000E+00 |
| 963 | 43.2490 | 9.12500 | 0.000000E+00 |
| 964 | 43.2490 | 2.12500 | 0.000000E+00 |
| 965 | 45.5823 | 9.12500 | 0.000000E+00 |
| 966 | 48.1000 | 9.12500 | 0.000000E+00 |
| 967 | 48.1000 | 2.12500 | 0.000000E+00 |
| 968 | 50.4333 | 9.12500 | 0.000000E+00 |
| 969 | 52.9510 | 9.12500 | 0.000000E+00 |
| 970 | 52.9510 | 2.12500 | 0.000000E+00 |
| 971 | 55.2843 | 9.12500 | 0.000000E+00 |
| 972 | 57.8020 | 9.12500 | 0.000000E+00 |
| 973 | 57.8020 | 2.12500 | 0.000000E+00 |
| 974 | 60.1353 | 9.12500 | 0.000000E+00 |
| 975 | 62.6530 | 9.12500 | 0.000000E+00 |
| 976 | 62.6530 | 2.12500 | 0.000000E+00 |
| 977 | 64.9863 | 9.12500 | 0.000000E+00 |
| 978 | 67.5040 | 9.12500 | 0.000000E+00 |
| 979 | 67.5040 | 2.12500 | 0.000000E+00 |
| 980 | 69.8373 | 9.12500 | 0.000000E+00 |
| 981 | 72.3550 | 9.12500 | 0.000000E+00 |
| 982 | 72.3550 | 2.12500 | 0.000000E+00 |
| 983 | 74.6883 | 9.12500 | 0.000000E+00 |
| 984 | 77.2060 | 9.12500 | 0.000000E+00 |
| 985 | 77.2060 | 2.12500 | 0.000000E+00 |
| 986 | 79.5393 | 9.12500 | 0.000000E+00 |
| 987 | 86.9100 | 9.12500 | 0.000000E+00 |
| 988 | 86.9100 | 2.12500 | 0.000000E+00 |
| 989 | 89.2433 | 9.12500 | 0.000000E+00 |
| 990 | 91.7630 | 9.12500 | 0.000000E+00 |
| 991 | 91.7630 | 2.12500 | 0.000000E+00 |
| 992 | 94.0963 | 9.12500 | 0.000000E+00 |
| 993 | 96.6160 | 9.12500 | 0.000000E+00 |
| 994 | 96.6160 | 2.12500 | 0.000000E+00 |
| 995 | 98.9493 | 9.12500 | 0.000000E+00 |
| 996 | 101.469 | 9.12500 | 0.000000E+00 |
| 997 | 101.469 | 2.12500 | 0.000000E+00 |
| 998 | 103.802 | 9.12500 | 0.000000E+00 |
| 999 | 106.322 | 9.12500 | 0.000000E+00 |
| 1000 | 106.322 | 2.12500 | 0.000000E+00 |
| 1001 | 108.655 | 9.12500 | 0.000000E+00 |
| 1002 | 111.175 | 9.12500 | 0.000000E+00 |
| 1003 | 111.175 | 2.12500 | 0.000000E+00 |
| 1004 | 113.508 | 9.12500 | 0.000000E+00 |
| 1005 | 116.028 | 9.12500 | 0.000000E+00 |
| 1006 | 116.028 | 2.12500 | 0.000000E+00 |
| 1007 | 118.361 | 9.12500 | 0.000000E+00 |
| 1008 | 120.881 | 9.12500 | 0.000000E+00 |
| 1009 | 120.881 | 2.12500 | 0.000000E+00 |
| 1010 | 123.214 | 9.12500 | 0.000000E+00 |
| 1011 | 125.734 | 9.12500 | 0.000000E+00 |
| 1012 | 125.734 | 2.12500 | 0.000000E+00 |
| 1013 | 128.067 | 9.12500 | 0.000000E+00 |
| 1014 | 135.442 | 9.12500 | 0.000000E+00 |
| 1015 | 135.442 | 2.12500 | 0.000000E+00 |
| 1016 | 137.775 | 9.12500 | 0.000000E+00 |
| 1017 | 140.297 | 9.12500 | 0.000000E+00 |
| 1018 | 140.297 | 2.12500 | 0.000000E+00 |
| 1019 | 142.630 | 9.12500 | 0.000000E+00 |
| 1020 | 145.152 | 9.12500 | 0.000000E+00 |
| 1021 | 145.152 | 2.12500 | 0.000000E+00 |
| 1022 | 147.485 | 9.12500 | 0.000000E+00 |
| 1023 | 150.007 | 9.12500 | 0.000000E+00 |
| 1024 | 150.007 | 2.12500 | 0.000000E+00 |
| 1025 | 152.340 | 9.12500 | 0.000000E+00 |
| 1026 | 154.862 | 9.12500 | 0.000000E+00 |
| 1027 | 154.862 | 2.12500 | 0.000000E+00 |
| 1028 | 157.195 | 9.12500 | 0.000000E+00 |
| 1029 | 159.717 | 9.12500 | 0.000000E+00 |
| 1030 | 159.717 | 2.12500 | 0.000000E+00 |
| 1031 | 162.050 | 9.12500 | 0.000000E+00 |
| 1032 | 164.572 | 9.12500 | 0.000000E+00 |
| 1033 | 164.572 | 2.12500 | 0.000000E+00 |
| 1034 | 166.905 | 9.12500 | 0.000000E+00 |
| 1035 | 169.427 | 9.12500 | 0.000000E+00 |
| 1036 | 169.427 | 2.12500 | 0.000000E+00 |
| 1037 | 171.760 | 9.12500 | 0.000000E+00 |
| 1038 | 174.282 | 9.12500 | 0.000000E+00 |
| 1039 | 174.282 | 2.12500 | 0.000000E+00 |
| 1040 | 176.615 | 9.12500 | 0.000000E+00 |
| 1041 | 183.994 | 9.12500 | 0.000000E+00 |
| 1042 | 183.994 | 2.12500 | 0.000000E+00 |
| 1043 | 186.327 | 9.12500 | 0.000000E+00 |
| 1044 | 188.851 | 9.12500 | 0.000000E+00 |
| 1045 | 188.851 | 2.12500 | 0.000000E+00 |
| 1046 | 191.184 | 9.12500 | 0.000000E+00 |
| 1047 | 193.708 | 9.12500 | 0.000000E+00 |
| 1048 | 193.708 | 2.12500 | 0.000000E+00 |
| 1049 | 196.041 | 9.12500 | 0.000000E+00 |
| 1050 | 198.565 | 9.12500 | 0.000000E+00 |
| 1051 | 198.565 | 2.12500 | 0.000000E+00 |
| 1052 | 200.898 | 9.12500 | 0.000000E+00 |
| 1053 | 203.422 | 9.12500 | 0.000000E+00 |
| 1054 | 203.422 | 2.12500 | 0.000000E+00 |
| 1055 | 205.755 | 9.12500 | 0.000000E+00 |
| 1056 | 208.279 | 9.12500 | 0.000000E+00 |
| 1057 | 208.279 | 2.12500 | 0.000000E+00 |
| 1058 | 210.612 | 9.12500 | 0.000000E+00 |
| 1059 | 213.136 | 9.12500 | 0.000000E+00 |
| 1060 | 213.136 | 2.12500 | 0.000000E+00 |
| 1061 | 215.469 | 9.12500 | 0.000000E+00 |
| 1062 | 217.993 | 9.12500 | 0.000000E+00 |
| 1063 | 217.993 | 2.12500 | 0.000000E+00 |
| 1064 | 220.326 | 9.12500 | 0.000000E+00 |
| 1065 | 222.850 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1066 | 222.850 | 2.12500 | 0.000000E+00 |
| 1067 | 225.183 | 9.12500 | 0.000000E+00 |
| 1068 | 232.565 | 9.12500 | 0.000000E+00 |
| 1069 | 232.565 | 2.12500 | 0.000000E+00 |
| 1070 | 234.898 | 9.12500 | 0.000000E+00 |
| 1071 | 237.423 | 9.12500 | 0.000000E+00 |
| 1072 | 237.423 | 2.12500 | 0.000000E+00 |
| 1073 | 239.756 | 9.12500 | 0.000000E+00 |
| 1074 | 242.281 | 9.12500 | 0.000000E+00 |
| 1075 | 242.281 | 2.12500 | 0.000000E+00 |
| 1076 | 244.614 | 9.12500 | 0.000000E+00 |
| 1077 | 247.139 | 9.12500 | 0.000000E+00 |
| 1078 | 247.139 | 2.12500 | 0.000000E+00 |
| 1079 | 249.472 | 9.12500 | 0.000000E+00 |
| 1080 | 251.997 | 9.12500 | 0.000000E+00 |
| 1081 | 251.997 | 2.12500 | 0.000000E+00 |
| 1082 | 254.330 | 9.12500 | 0.000000E+00 |
| 1083 | 256.855 | 9.12500 | 0.000000E+00 |
| 1084 | 256.855 | 2.12500 | 0.000000E+00 |
| 1085 | 259.188 | 9.12500 | 0.000000E+00 |
| 1086 | 261.713 | 9.12500 | 0.000000E+00 |
| 1087 | 261.713 | 2.12500 | 0.000000E+00 |
| 1088 | 264.046 | 9.12500 | 0.000000E+00 |
| 1089 | 266.571 | 9.12500 | 0.000000E+00 |
| 1090 | 266.571 | 2.12500 | 0.000000E+00 |
| 1091 | 268.904 | 9.12500 | 0.000000E+00 |
| 1092 | 271.429 | 9.12500 | 0.000000E+00 |
| 1093 | 271.429 | 2.12500 | 0.000000E+00 |
| 1094 | 273.762 | 9.12500 | 0.000000E+00 |
| 1095 | 281.146 | 9.12500 | 0.000000E+00 |
| 1096 | 281.146 | 2.12500 | 0.000000E+00 |
| 1097 | 283.479 | 9.12500 | 0.000000E+00 |
| 1098 | 286.005 | 9.12500 | 0.000000E+00 |
| 1099 | 286.005 | 2.12500 | 0.000000E+00 |
| 1100 | 288.338 | 9.12500 | 0.000000E+00 |
| 1101 | 290.864 | 9.12500 | 0.000000E+00 |
| 1102 | 290.864 | 2.12500 | 0.000000E+00 |
| 1103 | 293.197 | 9.12500 | 0.000000E+00 |
| 1104 | 295.723 | 9.12500 | 0.000000E+00 |
| 1105 | 295.723 | 2.12500 | 0.000000E+00 |
| 1106 | 298.056 | 9.12500 | 0.000000E+00 |
| 1107 | 300.582 | 9.12500 | 0.000000E+00 |
| 1108 | 300.582 | 2.12500 | 0.000000E+00 |
| 1109 | 302.915 | 9.12500 | 0.000000E+00 |
| 1110 | 305.441 | 9.12500 | 0.000000E+00 |
| 1111 | 305.441 | 2.12500 | 0.000000E+00 |
| 1112 | 307.774 | 9.12500 | 0.000000E+00 |
| 1113 | 310.300 | 9.12500 | 0.000000E+00 |
| 1114 | 310.300 | 2.12500 | 0.000000E+00 |
| 1115 | 312.633 | 9.12500 | 0.000000E+00 |
| 1116 | 315.159 | 9.12500 | 0.000000E+00 |
| 1117 | 315.159 | 2.12500 | 0.000000E+00 |
| 1118 | 317.492 | 9.12500 | 0.000000E+00 |
| 1119 | 320.018 | 9.12500 | 0.000000E+00 |
| 1120 | 320.018 | 2.12500 | 0.000000E+00 |
| 1121 | 322.351 | 9.12500 | 0.000000E+00 |
| 1122 | 329.747 | 9.12500 | 0.000000E+00 |
| 1123 | 329.747 | 2.12500 | 0.000000E+00 |
| 1124 | 332.080 | 9.12500 | 0.000000E+00 |
| 1125 | 334.617 | 9.12500 | 0.000000E+00 |
| 1126 | 334.617 | 2.12500 | 0.000000E+00 |
| 1127 | 336.951 | 9.12500 | 0.000000E+00 |
| 1128 | 339.487 | 9.12500 | 0.000000E+00 |
| 1129 | 339.487 | 2.12500 | 0.000000E+00 |
| 1130 | 341.821 | 9.12500 | 0.000000E+00 |
| 1131 | 344.357 | 9.12500 | 0.000000E+00 |
| 1132 | 344.357 | 2.12500 | 0.000000E+00 |
| 1133 | 346.691 | 9.12500 | 0.000000E+00 |
| 1134 | 349.227 | 9.12500 | 0.000000E+00 |
| 1135 | 349.227 | 2.12500 | 0.000000E+00 |
| 1136 | 351.561 | 9.12500 | 0.000000E+00 |
| 1137 | 354.098 | 9.12500 | 0.000000E+00 |
| 1138 | 354.098 | 2.12500 | 0.000000E+00 |
| 1139 | 356.431 | 9.12500 | 0.000000E+00 |
| 1140 | 358.968 | 9.12500 | 0.000000E+00 |
| 1141 | 358.968 | 2.12500 | 0.000000E+00 |
| 1142 | 361.301 | 9.12500 | 0.000000E+00 |
| 1143 | 363.838 | 9.12500 | 0.000000E+00 |
| 1144 | 363.838 | 2.12500 | 0.000000E+00 |
| 1145 | 366.171 | 9.12500 | 0.000000E+00 |
| 1146 | 368.708 | 9.12500 | 0.000000E+00 |
| 1147 | 368.708 | 2.12500 | 0.000000E+00 |
| 1148 | 371.041 | 9.12500 | 0.000000E+00 |
| 1149 | -323.444 | 9.12500 | 0.000000E+00 |
| 1150 | -274.854 | 9.12500 | 0.000000E+00 |
| 1151 | -226.274 | 9.12500 | 0.000000E+00 |
| 1152 | -177.704 | 9.12500 | 0.000000E+00 |
| 1153 | -129.154 | 9.12500 | 0.000000E+00 |
| 1154 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1155 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1156 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1157 | 2.83333 | 9.12500 | 0.000000E+00 |
| 1158 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1159 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1160 | 132.920 | 9.12500 | 0.000000E+00 |
| 1161 | 181.470 | 9.12500 | 0.000000E+00 |
| 1162 | 230.040 | 9.12500 | 0.000000E+00 |
| 1163 | -357.476 | 9.12500 | 0.000000E+00 |
| 1164 | 278.620 | 9.12500 | 0.000000E+00 |
| 1165 | 327.210 | 9.12500 | 0.000000E+00 |
| 1166 | 375.911 | 9.12500 | 0.000000E+00 |
| 1167 | -352.614 | 9.12500 | 0.000000E+00 |
| 1168 | -347.752 | 9.12500 | 0.000000E+00 |
| 1169 | -342.891 | 9.12500 | 0.000000E+00 |
| 1170 | -338.029 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1171 | -333.167 | 9.12500 | 0.000000E+00 |
| 1172 | -328.305 | 9.12500 | 0.000000E+00 |
| 1173 | -27.3927 | 9.12500 | 0.000000E+00 |
| 1174 | -22.6717 | 9.12500 | 0.000000E+00 |
| 1175 | -17.9507 | 9.12500 | 0.000000E+00 |
| 1176 | -13.2297 | 9.12500 | 0.000000E+00 |
| 1177 | -8.50867 | 9.12500 | 0.000000E+00 |
| 1178 | -3.78767 | 9.12500 | 0.000000E+00 |
| 1179 | 7.55433 | 9.12500 | 0.000000E+00 |
| 1180 | 12.2753 | 9.12500 | 0.000000E+00 |
| 1181 | 16.9963 | 9.12500 | 0.000000E+00 |
| 1182 | 21.7173 | 9.12500 | 0.000000E+00 |
| 1183 | 26.4383 | 9.12500 | 0.000000E+00 |
| 1184 | 31.1593 | 9.12500 | 0.000000E+00 |
| 1185 | 380.773 | 9.12500 | 0.000000E+00 |
| 1186 | 385.635 | 9.12500 | 0.000000E+00 |
| 1187 | 390.496 | 9.12500 | 0.000000E+00 |
| 1188 | 395.358 | 9.12500 | 0.000000E+00 |
| 1189 | 400.220 | 9.12500 | 0.000000E+00 |
| 1190 | 405.082 | 9.12500 | 0.000000E+00 |
| 1191 | -318.585 | 9.12500 | 0.000000E+00 |
| 1192 | -313.726 | 9.12500 | 0.000000E+00 |
| 1193 | -308.867 | 9.12500 | 0.000000E+00 |
| 1194 | -304.008 | 9.12500 | 0.000000E+00 |
| 1195 | -299.149 | 9.12500 | 0.000000E+00 |
| 1196 | -294.290 | 9.12500 | 0.000000E+00 |
| 1197 | -289.431 | 9.12500 | 0.000000E+00 |
| 1198 | -284.572 | 9.12500 | 0.000000E+00 |
| 1199 | -279.713 | 9.12500 | 0.000000E+00 |
| 1200 | -269.996 | 9.12500 | 0.000000E+00 |
| 1201 | -265.138 | 9.12500 | 0.000000E+00 |
| 1202 | -260.280 | 9.12500 | 0.000000E+00 |
| 1203 | -255.422 | 9.12500 | 0.000000E+00 |
| 1204 | -250.564 | 9.12500 | 0.000000E+00 |
| 1205 | -245.706 | 9.12500 | 0.000000E+00 |
| 1206 | -240.848 | 9.12500 | 0.000000E+00 |
| 1207 | -235.990 | 9.12500 | 0.000000E+00 |
| 1208 | -231.132 | 9.12500 | 0.000000E+00 |
| 1209 | -221.417 | 9.12500 | 0.000000E+00 |
| 1210 | -216.560 | 9.12500 | 0.000000E+00 |
| 1211 | -211.703 | 9.12500 | 0.000000E+00 |
| 1212 | -206.846 | 9.12500 | 0.000000E+00 |
| 1213 | -201.989 | 9.12500 | 0.000000E+00 |
| 1214 | -197.132 | 9.12500 | 0.000000E+00 |
| 1215 | -192.275 | 9.12500 | 0.000000E+00 |
| 1216 | -187.418 | 9.12500 | 0.000000E+00 |
| 1217 | -182.561 | 9.12500 | 0.000000E+00 |
| 1218 | -172.849 | 9.12500 | 0.000000E+00 |
| 1219 | -167.994 | 9.12500 | 0.000000E+00 |
| 1220 | -163.139 | 9.12500 | 0.000000E+00 |
| 1221 | -158.284 | 9.12500 | 0.000000E+00 |
| 1222 | -153.429 | 9.12500 | 0.000000E+00 |
| 1223 | -148.574 | 9.12500 | 0.000000E+00 |
| 1224 | -143.719 | 9.12500 | 0.000000E+00 |
| 1225 | -138.864 | 9.12500 | 0.000000E+00 |
| 1226 | -134.009 | 9.12500 | 0.000000E+00 |
| 1227 | -124.301 | 9.12500 | 0.000000E+00 |
| 1228 | -119.448 | 9.12500 | 0.000000E+00 |
| 1229 | -114.595 | 9.12500 | 0.000000E+00 |
| 1230 | -109.742 | 9.12500 | 0.000000E+00 |
| 1231 | -104.889 | 9.12500 | 0.000000E+00 |
| 1232 | -100.036 | 9.12500 | 0.000000E+00 |
| 1233 | -95.1827 | 9.12500 | 0.000000E+00 |
| 1234 | -90.3297 | 9.12500 | 0.000000E+00 |
| 1235 | -85.4767 | 9.12500 | 0.000000E+00 |
| 1236 | -75.7727 | 9.12500 | 0.000000E+00 |
| 1237 | -70.9217 | 9.12500 | 0.000000E+00 |
| 1238 | -66.0707 | 9.12500 | 0.000000E+00 |
| 1239 | -61.2197 | 9.12500 | 0.000000E+00 |
| 1240 | -56.3687 | 9.12500 | 0.000000E+00 |
| 1241 | -51.5177 | 9.12500 | 0.000000E+00 |
| 1242 | -46.6667 | 9.12500 | 0.000000E+00 |
| 1243 | -41.8157 | 9.12500 | 0.000000E+00 |
| 1244 | -36.9647 | 9.12500 | 0.000000E+00 |
| 1245 | 40.7313 | 9.12500 | 0.000000E+00 |
| 1246 | 45.5823 | 9.12500 | 0.000000E+00 |
| 1247 | 50.4333 | 9.12500 | 0.000000E+00 |
| 1248 | 55.2843 | 9.12500 | 0.000000E+00 |
| 1249 | 60.1353 | 9.12500 | 0.000000E+00 |
| 1250 | 64.9863 | 9.12500 | 0.000000E+00 |
| 1251 | 69.8373 | 9.12500 | 0.000000E+00 |
| 1252 | 74.6883 | 9.12500 | 0.000000E+00 |
| 1253 | 79.5393 | 9.12500 | 0.000000E+00 |
| 1254 | 89.2433 | 9.12500 | 0.000000E+00 |
| 1255 | 94.0963 | 9.12500 | 0.000000E+00 |
| 1256 | 98.9493 | 9.12500 | 0.000000E+00 |
| 1257 | 103.802 | 9.12500 | 0.000000E+00 |
| 1258 | 108.655 | 9.12500 | 0.000000E+00 |
| 1259 | 113.508 | 9.12500 | 0.000000E+00 |
| 1260 | 118.361 | 9.12500 | 0.000000E+00 |
| 1261 | 123.214 | 9.12500 | 0.000000E+00 |
| 1262 | 128.067 | 9.12500 | 0.000000E+00 |
| 1263 | 137.775 | 9.12500 | 0.000000E+00 |
| 1264 | 142.630 | 9.12500 | 0.000000E+00 |
| 1265 | 147.485 | 9.12500 | 0.000000E+00 |
| 1266 | 152.340 | 9.12500 | 0.000000E+00 |
| 1267 | 157.195 | 9.12500 | 0.000000E+00 |
| 1268 | 162.050 | 9.12500 | 0.000000E+00 |
| 1269 | 166.905 | 9.12500 | 0.000000E+00 |
| 1270 | 171.760 | 9.12500 | 0.000000E+00 |
| 1271 | 176.615 | 9.12500 | 0.000000E+00 |
| 1272 | 186.327 | 9.12500 | 0.000000E+00 |
| 1273 | 191.184 | 9.12500 | 0.000000E+00 |
| 1274 | 196.041 | 9.12500 | 0.000000E+00 |
| 1275 | 200.898 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1276 | 205.755 | 9.12500 | 0.000000E+00 |
| 1277 | 210.612 | 9.12500 | 0.000000E+00 |
| 1278 | 215.469 | 9.12500 | 0.000000E+00 |
| 1279 | 220.326 | 9.12500 | 0.000000E+00 |
| 1280 | 225.183 | 9.12500 | 0.000000E+00 |
| 1281 | 234.898 | 9.12500 | 0.000000E+00 |
| 1282 | 239.756 | 9.12500 | 0.000000E+00 |
| 1283 | 244.614 | 9.12500 | 0.000000E+00 |
| 1284 | 249.472 | 9.12500 | 0.000000E+00 |
| 1285 | 254.330 | 9.12500 | 0.000000E+00 |
| 1286 | 259.188 | 9.12500 | 0.000000E+00 |
| 1287 | 264.046 | 9.12500 | 0.000000E+00 |
| 1288 | 268.904 | 9.12500 | 0.000000E+00 |
| 1289 | 273.762 | 9.12500 | 0.000000E+00 |
| 1290 | 283.479 | 9.12500 | 0.000000E+00 |
| 1291 | 288.338 | 9.12500 | 0.000000E+00 |
| 1292 | 293.197 | 9.12500 | 0.000000E+00 |
| 1293 | 298.056 | 9.12500 | 0.000000E+00 |
| 1294 | 302.915 | 9.12500 | 0.000000E+00 |
| 1295 | 307.774 | 9.12500 | 0.000000E+00 |
| 1296 | 312.633 | 9.12500 | 0.000000E+00 |
| 1297 | 317.492 | 9.12500 | 0.000000E+00 |
| 1298 | 322.351 | 9.12500 | 0.000000E+00 |
| 1299 | 332.080 | 9.12500 | 0.000000E+00 |
| 1300 | 336.951 | 9.12500 | 0.000000E+00 |
| 1301 | 341.821 | 9.12500 | 0.000000E+00 |
| 1302 | 346.691 | 9.12500 | 0.000000E+00 |
| 1303 | 351.561 | 9.12500 | 0.000000E+00 |
| 1304 | 356.431 | 9.12500 | 0.000000E+00 |
| 1305 | 361.301 | 9.12500 | 0.000000E+00 |
| 1306 | 366.171 | 9.12500 | 0.000000E+00 |
| 1307 | 371.041 | 9.12500 | 0.000000E+00 |
| 1308 | -323.444 | 9.12500 | 0.000000E+00 |
| 1309 | -274.854 | 9.12500 | 0.000000E+00 |
| 1310 | -226.274 | 9.12500 | 0.000000E+00 |
| 1311 | -177.704 | 9.12500 | 0.000000E+00 |
| 1312 | -129.154 | 9.12500 | 0.000000E+00 |
| 1313 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1314 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1315 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1316 | 2.83333 | 9.12500 | 0.000000E+00 |
| 1317 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1318 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1319 | 132.920 | 9.12500 | 0.000000E+00 |
| 1320 | 181.470 | 9.12500 | 0.000000E+00 |
| 1321 | 230.040 | 9.12500 | 0.000000E+00 |
| 1322 | -359.809 | 0.000000E+00 | 0.000000E+00 |
| 1323 | -358.809 | 2.12500 | 0.000000E+00 |
| 1324 | 276.287 | 0.000000E+00 | 0.000000E+00 |
| 1325 | 277.287 | 2.12500 | 0.000000E+00 |
| 1326 | 324.877 | 0.000000E+00 | 0.000000E+00 |
| 1327 | 325.877 | 2.12500 | 0.000000E+00 |
| 1328 | -354.947 | 0.000000E+00 | 0.000000E+00 |
| 1329 | -353.947 | 2.12500 | 0.000000E+00 |
| 1330 | -350.086 | 0.000000E+00 | 0.000000E+00 |
| 1331 | -349.086 | 2.12500 | 0.000000E+00 |
| 1332 | -345.224 | 0.000000E+00 | 0.000000E+00 |
| 1333 | -344.224 | 2.12500 | 0.000000E+00 |
| 1334 | -340.362 | 0.000000E+00 | 0.000000E+00 |
| 1335 | -339.362 | 2.12500 | 0.000000E+00 |
| 1336 | -335.500 | 0.000000E+00 | 0.000000E+00 |
| 1337 | -334.500 | 2.12500 | 0.000000E+00 |
| 1338 | -330.639 | 0.000000E+00 | 0.000000E+00 |
| 1339 | -329.639 | 2.12500 | 0.000000E+00 |
| 1340 | -29.7260 | 0.000000E+00 | 0.000000E+00 |
| 1341 | -28.7260 | 2.12500 | 0.000000E+00 |
| 1342 | -25.0050 | 0.000000E+00 | 0.000000E+00 |
| 1343 | -24.0050 | 2.12500 | 0.000000E+00 |
| 1344 | -20.2840 | 0.000000E+00 | 0.000000E+00 |
| 1345 | -19.2840 | 2.12500 | 0.000000E+00 |
| 1346 | -15.5630 | 0.000000E+00 | 0.000000E+00 |
| 1347 | -14.5630 | 2.12500 | 0.000000E+00 |
| 1348 | -10.8420 | 0.000000E+00 | 0.000000E+00 |
| 1349 | -9.84200 | 2.12500 | 0.000000E+00 |
| 1350 | -6.12100 | 0.000000E+00 | 0.000000E+00 |
| 1351 | -5.12100 | 2.12500 | 0.000000E+00 |
| 1352 | 5.22100 | 0.000000E+00 | 0.000000E+00 |
| 1353 | 6.22100 | 2.12500 | 0.000000E+00 |
| 1354 | 9.94200 | 0.000000E+00 | 0.000000E+00 |
| 1355 | 10.9420 | 2.12500 | 0.000000E+00 |
| 1356 | 14.6630 | 0.000000E+00 | 0.000000E+00 |
| 1357 | 15.6630 | 2.12500 | 0.000000E+00 |
| 1358 | 19.3840 | 0.000000E+00 | 0.000000E+00 |
| 1359 | 20.3840 | 2.12500 | 0.000000E+00 |
| 1360 | 24.1050 | 0.000000E+00 | 0.000000E+00 |
| 1361 | 25.1050 | 2.12500 | 0.000000E+00 |
| 1362 | 28.8260 | 0.000000E+00 | 0.000000E+00 |
| 1363 | 29.8260 | 2.12500 | 0.000000E+00 |
| 1364 | -320.918 | 0.000000E+00 | 0.000000E+00 |
| 1365 | -319.918 | 2.12500 | 0.000000E+00 |
| 1366 | -316.059 | 0.000000E+00 | 0.000000E+00 |
| 1367 | -315.059 | 2.12500 | 0.000000E+00 |
| 1368 | -311.200 | 0.000000E+00 | 0.000000E+00 |
| 1369 | -310.200 | 2.12500 | 0.000000E+00 |
| 1370 | -306.341 | 0.000000E+00 | 0.000000E+00 |
| 1371 | -305.341 | 2.12500 | 0.000000E+00 |
| 1372 | -301.482 | 0.000000E+00 | 0.000000E+00 |
| 1373 | -300.482 | 2.12500 | 0.000000E+00 |
| 1374 | -296.623 | 0.000000E+00 | 0.000000E+00 |
| 1375 | -295.623 | 2.12500 | 0.000000E+00 |
| 1376 | -291.764 | 0.000000E+00 | 0.000000E+00 |
| 1377 | -290.764 | 2.12500 | 0.000000E+00 |
| 1378 | -286.905 | 0.000000E+00 | 0.000000E+00 |
| 1379 | -285.905 | 2.12500 | 0.000000E+00 |
| 1380 | -282.046 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1381 | -281.046 | 2.12500 | 0.000000E+00 |
| 1382 | -272.329 | 0.000000E+00 | 0.000000E+00 |
| 1383 | -271.329 | 2.12500 | 0.000000E+00 |
| 1384 | -267.471 | 0.000000E+00 | 0.000000E+00 |
| 1385 | -266.471 | 2.12500 | 0.000000E+00 |
| 1386 | -262.613 | 0.000000E+00 | 0.000000E+00 |
| 1387 | -261.613 | 2.12500 | 0.000000E+00 |
| 1388 | -257.755 | 0.000000E+00 | 0.000000E+00 |
| 1389 | -256.755 | 2.12500 | 0.000000E+00 |
| 1390 | -252.897 | 0.000000E+00 | 0.000000E+00 |
| 1391 | -251.897 | 2.12500 | 0.000000E+00 |
| 1392 | -248.039 | 0.000000E+00 | 0.000000E+00 |
| 1393 | -247.039 | 2.12500 | 0.000000E+00 |
| 1394 | -243.181 | 0.000000E+00 | 0.000000E+00 |
| 1395 | -242.181 | 2.12500 | 0.000000E+00 |
| 1396 | -238.323 | 0.000000E+00 | 0.000000E+00 |
| 1397 | -237.323 | 2.12500 | 0.000000E+00 |
| 1398 | -233.465 | 0.000000E+00 | 0.000000E+00 |
| 1399 | -232.465 | 2.12500 | 0.000000E+00 |
| 1400 | -223.750 | 0.000000E+00 | 0.000000E+00 |
| 1401 | -222.750 | 2.12500 | 0.000000E+00 |
| 1402 | -218.893 | 0.000000E+00 | 0.000000E+00 |
| 1403 | -217.893 | 2.12500 | 0.000000E+00 |
| 1404 | -214.036 | 0.000000E+00 | 0.000000E+00 |
| 1405 | -213.036 | 2.12500 | 0.000000E+00 |
| 1406 | -209.179 | 0.000000E+00 | 0.000000E+00 |
| 1407 | -208.179 | 2.12500 | 0.000000E+00 |
| 1408 | -204.322 | 0.000000E+00 | 0.000000E+00 |
| 1409 | -203.322 | 2.12500 | 0.000000E+00 |
| 1410 | -199.465 | 0.000000E+00 | 0.000000E+00 |
| 1411 | -198.465 | 2.12500 | 0.000000E+00 |
| 1412 | -194.608 | 0.000000E+00 | 0.000000E+00 |
| 1413 | -193.608 | 2.12500 | 0.000000E+00 |
| 1414 | -189.751 | 0.000000E+00 | 0.000000E+00 |
| 1415 | -188.751 | 2.12500 | 0.000000E+00 |
| 1416 | -184.894 | 0.000000E+00 | 0.000000E+00 |
| 1417 | -183.894 | 2.12500 | 0.000000E+00 |
| 1418 | -175.182 | 0.000000E+00 | 0.000000E+00 |
| 1419 | -174.182 | 2.12500 | 0.000000E+00 |
| 1420 | -170.327 | 0.000000E+00 | 0.000000E+00 |
| 1421 | -169.327 | 2.12500 | 0.000000E+00 |
| 1422 | -165.472 | 0.000000E+00 | 0.000000E+00 |
| 1423 | -164.472 | 2.12500 | 0.000000E+00 |
| 1424 | -160.617 | 0.000000E+00 | 0.000000E+00 |
| 1425 | -159.617 | 2.12500 | 0.000000E+00 |
| 1426 | -155.762 | 0.000000E+00 | 0.000000E+00 |
| 1427 | -154.762 | 2.12500 | 0.000000E+00 |
| 1428 | -150.907 | 0.000000E+00 | 0.000000E+00 |
| 1429 | -149.907 | 2.12500 | 0.000000E+00 |
| 1430 | -146.052 | 0.000000E+00 | 0.000000E+00 |
| 1431 | -145.052 | 2.12500 | 0.000000E+00 |
| 1432 | -141.197 | 0.000000E+00 | 0.000000E+00 |
| 1433 | -140.197 | 2.12500 | 0.000000E+00 |
| 1434 | -136.342 | 0.000000E+00 | 0.000000E+00 |
| 1435 | -135.342 | 2.12500 | 0.000000E+00 |
| 1436 | -126.634 | 0.000000E+00 | 0.000000E+00 |
| 1437 | -125.634 | 2.12500 | 0.000000E+00 |
| 1438 | -121.781 | 0.000000E+00 | 0.000000E+00 |
| 1439 | -120.781 | 2.12500 | 0.000000E+00 |
| 1440 | -116.928 | 0.000000E+00 | 0.000000E+00 |
| 1441 | -115.928 | 2.12500 | 0.000000E+00 |
| 1442 | -112.075 | 0.000000E+00 | 0.000000E+00 |
| 1443 | -111.075 | 2.12500 | 0.000000E+00 |
| 1444 | -107.222 | 0.000000E+00 | 0.000000E+00 |
| 1445 | -106.222 | 2.12500 | 0.000000E+00 |
| 1446 | -102.369 | 0.000000E+00 | 0.000000E+00 |
| 1447 | -101.369 | 2.12500 | 0.000000E+00 |
| 1448 | -97.5160 | 0.000000E+00 | 0.000000E+00 |
| 1449 | -96.5160 | 2.12500 | 0.000000E+00 |
| 1450 | -92.6630 | 0.000000E+00 | 0.000000E+00 |
| 1451 | -91.6630 | 2.12500 | 0.000000E+00 |
| 1452 | -87.8100 | 0.000000E+00 | 0.000000E+00 |
| 1453 | -86.8100 | 2.12500 | 0.000000E+00 |
| 1454 | -78.1060 | 0.000000E+00 | 0.000000E+00 |
| 1455 | -77.1060 | 2.12500 | 0.000000E+00 |
| 1456 | -73.2550 | 0.000000E+00 | 0.000000E+00 |
| 1457 | -72.2550 | 2.12500 | 0.000000E+00 |
| 1458 | -68.4040 | 0.000000E+00 | 0.000000E+00 |
| 1459 | -67.4040 | 2.12500 | 0.000000E+00 |
| 1460 | -63.5530 | 0.000000E+00 | 0.000000E+00 |
| 1461 | -62.5530 | 2.12500 | 0.000000E+00 |
| 1462 | -58.7020 | 0.000000E+00 | 0.000000E+00 |
| 1463 | -57.7020 | 2.12500 | 0.000000E+00 |
| 1464 | -53.8510 | 0.000000E+00 | 0.000000E+00 |
| 1465 | -52.8510 | 2.12500 | 0.000000E+00 |
| 1466 | -49.0000 | 0.000000E+00 | 0.000000E+00 |
| 1467 | -48.0000 | 2.12500 | 0.000000E+00 |
| 1468 | -44.1490 | 0.000000E+00 | 0.000000E+00 |
| 1469 | -43.1490 | 2.12500 | 0.000000E+00 |
| 1470 | -39.2980 | 0.000000E+00 | 0.000000E+00 |
| 1471 | -38.2980 | 2.12500 | 0.000000E+00 |
| 1472 | 38.3980 | 0.000000E+00 | 0.000000E+00 |
| 1473 | 39.3980 | 2.12500 | 0.000000E+00 |
| 1474 | 43.2490 | 0.000000E+00 | 0.000000E+00 |
| 1475 | 44.2490 | 2.12500 | 0.000000E+00 |
| 1476 | 48.1000 | 0.000000E+00 | 0.000000E+00 |
| 1477 | 49.1000 | 2.12500 | 0.000000E+00 |
| 1478 | 52.9510 | 0.000000E+00 | 0.000000E+00 |
| 1479 | 53.9510 | 2.12500 | 0.000000E+00 |
| 1480 | 57.8020 | 0.000000E+00 | 0.000000E+00 |
| 1481 | 58.8020 | 2.12500 | 0.000000E+00 |
| 1482 | 62.6530 | 0.000000E+00 | 0.000000E+00 |
| 1483 | 63.6530 | 2.12500 | 0.000000E+00 |
| 1484 | 67.5040 | 0.000000E+00 | 0.000000E+00 |
| 1485 | 68.5040 | 2.12500 | 0.000000E+00 |

| | | | |
|------|---------|--------------|--------------|
| 1486 | 72.3550 | 0.000000E+00 | 0.000000E+00 |
| 1487 | 73.3550 | 2.12500 | 0.000000E+00 |
| 1488 | 77.2060 | 0.000000E+00 | 0.000000E+00 |
| 1489 | 78.2060 | 2.12500 | 0.000000E+00 |
| 1490 | 86.9100 | 0.000000E+00 | 0.000000E+00 |
| 1491 | 87.9100 | 2.12500 | 0.000000E+00 |
| 1492 | 91.7630 | 0.000000E+00 | 0.000000E+00 |
| 1493 | 92.7630 | 2.12500 | 0.000000E+00 |
| 1494 | 96.6160 | 0.000000E+00 | 0.000000E+00 |
| 1495 | 97.6160 | 2.12500 | 0.000000E+00 |
| 1496 | 101.469 | 0.000000E+00 | 0.000000E+00 |
| 1497 | 102.469 | 2.12500 | 0.000000E+00 |
| 1498 | 106.322 | 0.000000E+00 | 0.000000E+00 |
| 1499 | 107.322 | 2.12500 | 0.000000E+00 |
| 1500 | 111.175 | 0.000000E+00 | 0.000000E+00 |
| 1501 | 112.175 | 2.12500 | 0.000000E+00 |
| 1502 | 116.028 | 0.000000E+00 | 0.000000E+00 |
| 1503 | 117.028 | 2.12500 | 0.000000E+00 |
| 1504 | 120.881 | 0.000000E+00 | 0.000000E+00 |
| 1505 | 121.881 | 2.12500 | 0.000000E+00 |
| 1506 | 125.734 | 0.000000E+00 | 0.000000E+00 |
| 1507 | 126.734 | 2.12500 | 0.000000E+00 |
| 1508 | 135.442 | 0.000000E+00 | 0.000000E+00 |
| 1509 | 136.442 | 2.12500 | 0.000000E+00 |
| 1510 | 140.297 | 0.000000E+00 | 0.000000E+00 |
| 1511 | 141.297 | 2.12500 | 0.000000E+00 |
| 1512 | 145.152 | 0.000000E+00 | 0.000000E+00 |
| 1513 | 146.152 | 2.12500 | 0.000000E+00 |
| 1514 | 150.007 | 0.000000E+00 | 0.000000E+00 |
| 1515 | 151.007 | 2.12500 | 0.000000E+00 |
| 1516 | 154.862 | 0.000000E+00 | 0.000000E+00 |
| 1517 | 155.862 | 2.12500 | 0.000000E+00 |
| 1518 | 159.717 | 0.000000E+00 | 0.000000E+00 |
| 1519 | 160.717 | 2.12500 | 0.000000E+00 |
| 1520 | 164.572 | 0.000000E+00 | 0.000000E+00 |
| 1521 | 165.572 | 2.12500 | 0.000000E+00 |
| 1522 | 169.427 | 0.000000E+00 | 0.000000E+00 |
| 1523 | 170.427 | 2.12500 | 0.000000E+00 |
| 1524 | 174.282 | 0.000000E+00 | 0.000000E+00 |
| 1525 | 175.282 | 2.12500 | 0.000000E+00 |
| 1526 | 183.994 | 0.000000E+00 | 0.000000E+00 |
| 1527 | 184.994 | 2.12500 | 0.000000E+00 |
| 1528 | 188.851 | 0.000000E+00 | 0.000000E+00 |
| 1529 | 189.851 | 2.12500 | 0.000000E+00 |
| 1530 | 193.708 | 0.000000E+00 | 0.000000E+00 |
| 1531 | 194.708 | 2.12500 | 0.000000E+00 |
| 1532 | 198.565 | 0.000000E+00 | 0.000000E+00 |
| 1533 | 199.565 | 2.12500 | 0.000000E+00 |
| 1534 | 203.422 | 0.000000E+00 | 0.000000E+00 |
| 1535 | 204.422 | 2.12500 | 0.000000E+00 |
| 1536 | 208.279 | 0.000000E+00 | 0.000000E+00 |
| 1537 | 209.279 | 2.12500 | 0.000000E+00 |
| 1538 | 213.136 | 0.000000E+00 | 0.000000E+00 |
| 1539 | 214.136 | 2.12500 | 0.000000E+00 |
| 1540 | 217.993 | 0.000000E+00 | 0.000000E+00 |
| 1541 | 218.993 | 2.12500 | 0.000000E+00 |
| 1542 | 222.850 | 0.000000E+00 | 0.000000E+00 |
| 1543 | 223.850 | 2.12500 | 0.000000E+00 |
| 1544 | 232.565 | 0.000000E+00 | 0.000000E+00 |
| 1545 | 233.565 | 2.12500 | 0.000000E+00 |
| 1546 | 237.423 | 0.000000E+00 | 0.000000E+00 |
| 1547 | 238.423 | 2.12500 | 0.000000E+00 |
| 1548 | 242.281 | 0.000000E+00 | 0.000000E+00 |
| 1549 | 243.281 | 2.12500 | 0.000000E+00 |
| 1550 | 247.139 | 0.000000E+00 | 0.000000E+00 |
| 1551 | 248.139 | 2.12500 | 0.000000E+00 |
| 1552 | 251.997 | 0.000000E+00 | 0.000000E+00 |
| 1553 | 252.997 | 2.12500 | 0.000000E+00 |
| 1554 | 256.855 | 0.000000E+00 | 0.000000E+00 |
| 1555 | 257.855 | 2.12500 | 0.000000E+00 |
| 1556 | 261.713 | 0.000000E+00 | 0.000000E+00 |
| 1557 | 262.713 | 2.12500 | 0.000000E+00 |
| 1558 | 266.571 | 0.000000E+00 | 0.000000E+00 |
| 1559 | 267.571 | 2.12500 | 0.000000E+00 |
| 1560 | 271.429 | 0.000000E+00 | 0.000000E+00 |
| 1561 | 272.429 | 2.12500 | 0.000000E+00 |
| 1562 | 281.146 | 0.000000E+00 | 0.000000E+00 |
| 1563 | 282.146 | 2.12500 | 0.000000E+00 |
| 1564 | 286.005 | 0.000000E+00 | 0.000000E+00 |
| 1565 | 287.005 | 2.12500 | 0.000000E+00 |
| 1566 | 290.864 | 0.000000E+00 | 0.000000E+00 |
| 1567 | 291.864 | 2.12500 | 0.000000E+00 |
| 1568 | 295.723 | 0.000000E+00 | 0.000000E+00 |
| 1569 | 296.723 | 2.12500 | 0.000000E+00 |
| 1570 | 300.582 | 0.000000E+00 | 0.000000E+00 |
| 1571 | 301.582 | 2.12500 | 0.000000E+00 |
| 1572 | 305.441 | 0.000000E+00 | 0.000000E+00 |
| 1573 | 306.441 | 2.12500 | 0.000000E+00 |
| 1574 | 310.300 | 0.000000E+00 | 0.000000E+00 |
| 1575 | 311.300 | 2.12500 | 0.000000E+00 |
| 1576 | 315.159 | 0.000000E+00 | 0.000000E+00 |
| 1577 | 316.159 | 2.12500 | 0.000000E+00 |
| 1578 | 320.018 | 0.000000E+00 | 0.000000E+00 |
| 1579 | 321.018 | 2.12500 | 0.000000E+00 |
| 1580 | 329.747 | 0.000000E+00 | 0.000000E+00 |
| 1581 | 330.747 | 2.12500 | 0.000000E+00 |
| 1582 | 334.617 | 0.000000E+00 | 0.000000E+00 |
| 1583 | 335.617 | 2.12500 | 0.000000E+00 |
| 1584 | 339.487 | 0.000000E+00 | 0.000000E+00 |
| 1585 | 340.487 | 2.12500 | 0.000000E+00 |
| 1586 | 344.357 | 0.000000E+00 | 0.000000E+00 |
| 1587 | 345.357 | 2.12500 | 0.000000E+00 |
| 1588 | 349.227 | 0.000000E+00 | 0.000000E+00 |
| 1589 | 350.227 | 2.12500 | 0.000000E+00 |
| 1590 | 354.098 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|-----------|--------------|--------------|
| 1591 | 355.098 | 2.12500 | 0.000000E+00 |
| 1592 | 358.968 | 0.000000E+00 | 0.000000E+00 |
| 1593 | 359.968 | 2.12500 | 0.000000E+00 |
| 1594 | 363.838 | 0.000000E+00 | 0.000000E+00 |
| 1595 | 364.838 | 2.12500 | 0.000000E+00 |
| 1596 | 368.708 | 0.000000E+00 | 0.000000E+00 |
| 1597 | 369.708 | 2.12500 | 0.000000E+00 |
| 1598 | -325.777 | 0.000000E+00 | 0.000000E+00 |
| 1599 | -324.777 | 2.12500 | 0.000000E+00 |
| 1600 | -277.187 | 0.000000E+00 | 0.000000E+00 |
| 1601 | -276.187 | 2.12500 | 0.000000E+00 |
| 1602 | -228.607 | 0.000000E+00 | 0.000000E+00 |
| 1603 | -227.607 | 2.12500 | 0.000000E+00 |
| 1604 | -180.037 | 0.000000E+00 | 0.000000E+00 |
| 1605 | -179.037 | 2.12500 | 0.000000E+00 |
| 1606 | -131.487 | 0.000000E+00 | 0.000000E+00 |
| 1607 | -130.487 | 2.12500 | 0.000000E+00 |
| 1608 | -82.9570 | 0.000000E+00 | 0.000000E+00 |
| 1609 | -81.9570 | 2.12500 | 0.000000E+00 |
| 1610 | -34.4470 | 0.000000E+00 | 0.000000E+00 |
| 1611 | -33.4470 | 2.12500 | 0.000000E+00 |
| 1612 | -1.40000 | 0.000000E+00 | 0.000000E+00 |
| 1613 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1614 | 0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1615 | 1.50000 | 2.12500 | 0.000000E+00 |
| 1616 | 33.5470 | 0.000000E+00 | 0.000000E+00 |
| 1617 | 34.5470 | 2.12500 | 0.000000E+00 |
| 1618 | 82.0570 | 0.000000E+00 | 0.000000E+00 |
| 1619 | 83.0570 | 2.12500 | 0.000000E+00 |
| 1620 | 130.587 | 0.000000E+00 | 0.000000E+00 |
| 1621 | 131.587 | 2.12500 | 0.000000E+00 |
| 1622 | 179.137 | 0.000000E+00 | 0.000000E+00 |
| 1623 | 180.137 | 2.12500 | 0.000000E+00 |
| 1624 | 227.707 | 0.000000E+00 | 0.000000E+00 |
| 1625 | 228.707 | 2.12500 | 0.000000E+00 |
| 1626 | -0.500000 | 2.12500 | 0.000000E+00 |
| 1627 | -0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1628 | 0.500000 | 2.12500 | 0.000000E+00 |
| 1629 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1630 | -0.400000 | 0.000000E+00 | 0.000000E+00 |
| 1631 | 0.600000 | 2.12500 | 0.000000E+00 |
| 1632 | -360.409 | 2.12500 | 0.000000E+00 |
| 1633 | -360.409 | 0.000000E+00 | 0.000000E+00 |
| 1634 | -359.409 | 2.12500 | 0.000000E+00 |
| 1635 | 408.210 | 2.12500 | 0.000000E+00 |
| 1636 | 408.210 | -1.17000 | 0.000000E+00 |
| 1637 | 409.308 | 2.12500 | 0.000000E+00 |
| 1638 | -359.809 | 11.2500 | 0.000000E+00 |
| 1639 | -360.809 | 9.12500 | 0.000000E+00 |
| 1640 | 276.287 | 11.2500 | 0.000000E+00 |
| 1641 | 275.287 | 9.12500 | 0.000000E+00 |
| 1642 | 324.877 | 11.2500 | 0.000000E+00 |
| 1643 | 323.877 | 9.12500 | 0.000000E+00 |
| 1644 | -354.947 | 11.2500 | 0.000000E+00 |
| 1645 | -355.947 | 9.12500 | 0.000000E+00 |
| 1646 | -350.086 | 11.2500 | 0.000000E+00 |
| 1647 | -351.086 | 9.12500 | 0.000000E+00 |
| 1648 | -345.224 | 11.2500 | 0.000000E+00 |
| 1649 | -346.224 | 9.12500 | 0.000000E+00 |
| 1650 | -340.362 | 11.2500 | 0.000000E+00 |
| 1651 | -341.362 | 9.12500 | 0.000000E+00 |
| 1652 | -335.500 | 11.2500 | 0.000000E+00 |
| 1653 | -336.500 | 9.12500 | 0.000000E+00 |
| 1654 | -330.639 | 11.2500 | 0.000000E+00 |
| 1655 | -331.639 | 9.12500 | 0.000000E+00 |
| 1656 | -29.7260 | 11.2500 | 0.000000E+00 |
| 1657 | -30.7260 | 9.12500 | 0.000000E+00 |
| 1658 | -25.0050 | 11.2500 | 0.000000E+00 |
| 1659 | -26.0050 | 9.12500 | 0.000000E+00 |
| 1660 | -20.2840 | 11.2500 | 0.000000E+00 |
| 1661 | -21.2840 | 9.12500 | 0.000000E+00 |
| 1662 | -15.5630 | 11.2500 | 0.000000E+00 |
| 1663 | -16.5630 | 9.12500 | 0.000000E+00 |
| 1664 | -10.8420 | 11.2500 | 0.000000E+00 |
| 1665 | -11.8420 | 9.12500 | 0.000000E+00 |
| 1666 | -6.12100 | 11.2500 | 0.000000E+00 |
| 1667 | -7.12100 | 9.12500 | 0.000000E+00 |
| 1668 | 5.22100 | 11.2500 | 0.000000E+00 |
| 1669 | 4.22100 | 9.12500 | 0.000000E+00 |
| 1670 | 9.94200 | 11.2500 | 0.000000E+00 |
| 1671 | 8.94200 | 9.12500 | 0.000000E+00 |
| 1672 | 14.6630 | 11.2500 | 0.000000E+00 |
| 1673 | 13.6630 | 9.12500 | 0.000000E+00 |
| 1674 | 19.3840 | 11.2500 | 0.000000E+00 |
| 1675 | 18.3840 | 9.12500 | 0.000000E+00 |
| 1676 | 24.1050 | 11.2500 | 0.000000E+00 |
| 1677 | 23.1050 | 9.12500 | 0.000000E+00 |
| 1678 | 28.8260 | 11.2500 | 0.000000E+00 |
| 1679 | 27.8260 | 9.12500 | 0.000000E+00 |
| 1680 | -320.918 | 11.2500 | 0.000000E+00 |
| 1681 | -321.918 | 9.12500 | 0.000000E+00 |
| 1682 | -316.059 | 11.2500 | 0.000000E+00 |
| 1683 | -317.059 | 9.12500 | 0.000000E+00 |
| 1684 | -311.200 | 11.2500 | 0.000000E+00 |
| 1685 | -312.200 | 9.12500 | 0.000000E+00 |
| 1686 | -306.341 | 11.2500 | 0.000000E+00 |
| 1687 | -307.341 | 9.12500 | 0.000000E+00 |
| 1688 | -301.482 | 11.2500 | 0.000000E+00 |
| 1689 | -302.482 | 9.12500 | 0.000000E+00 |
| 1690 | -296.623 | 11.2500 | 0.000000E+00 |
| 1691 | -297.623 | 9.12500 | 0.000000E+00 |
| 1692 | -291.764 | 11.2500 | 0.000000E+00 |
| 1693 | -292.764 | 9.12500 | 0.000000E+00 |
| 1694 | -286.905 | 11.2500 | 0.000000E+00 |
| 1695 | -287.905 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1696 | -282.046 | 11.2500 | 0.000000E+00 |
| 1697 | -283.046 | 9.12500 | 0.000000E+00 |
| 1698 | -272.329 | 11.2500 | 0.000000E+00 |
| 1699 | -273.329 | 9.12500 | 0.000000E+00 |
| 1700 | -267.471 | 11.2500 | 0.000000E+00 |
| 1701 | -268.471 | 9.12500 | 0.000000E+00 |
| 1702 | -262.613 | 11.2500 | 0.000000E+00 |
| 1703 | -263.613 | 9.12500 | 0.000000E+00 |
| 1704 | -257.755 | 11.2500 | 0.000000E+00 |
| 1705 | -258.755 | 9.12500 | 0.000000E+00 |
| 1706 | -252.897 | 11.2500 | 0.000000E+00 |
| 1707 | -253.897 | 9.12500 | 0.000000E+00 |
| 1708 | -248.039 | 11.2500 | 0.000000E+00 |
| 1709 | -249.039 | 9.12500 | 0.000000E+00 |
| 1710 | -243.181 | 11.2500 | 0.000000E+00 |
| 1711 | -244.181 | 9.12500 | 0.000000E+00 |
| 1712 | -238.323 | 11.2500 | 0.000000E+00 |
| 1713 | -239.323 | 9.12500 | 0.000000E+00 |
| 1714 | -233.465 | 11.2500 | 0.000000E+00 |
| 1715 | -234.465 | 9.12500 | 0.000000E+00 |
| 1716 | -223.750 | 11.2500 | 0.000000E+00 |
| 1717 | -224.750 | 9.12500 | 0.000000E+00 |
| 1718 | -218.893 | 11.2500 | 0.000000E+00 |
| 1719 | -219.893 | 9.12500 | 0.000000E+00 |
| 1720 | -214.036 | 11.2500 | 0.000000E+00 |
| 1721 | -215.036 | 9.12500 | 0.000000E+00 |
| 1722 | -209.179 | 11.2500 | 0.000000E+00 |
| 1723 | -210.179 | 9.12500 | 0.000000E+00 |
| 1724 | -204.322 | 11.2500 | 0.000000E+00 |
| 1725 | -205.322 | 9.12500 | 0.000000E+00 |
| 1726 | -199.465 | 11.2500 | 0.000000E+00 |
| 1727 | -200.465 | 9.12500 | 0.000000E+00 |
| 1728 | -194.608 | 11.2500 | 0.000000E+00 |
| 1729 | -195.608 | 9.12500 | 0.000000E+00 |
| 1730 | -189.751 | 11.2500 | 0.000000E+00 |
| 1731 | -190.751 | 9.12500 | 0.000000E+00 |
| 1732 | -184.894 | 11.2500 | 0.000000E+00 |
| 1733 | -185.894 | 9.12500 | 0.000000E+00 |
| 1734 | -175.182 | 11.2500 | 0.000000E+00 |
| 1735 | -176.182 | 9.12500 | 0.000000E+00 |
| 1736 | -170.327 | 11.2500 | 0.000000E+00 |
| 1737 | -171.327 | 9.12500 | 0.000000E+00 |
| 1738 | -165.472 | 11.2500 | 0.000000E+00 |
| 1739 | -166.472 | 9.12500 | 0.000000E+00 |
| 1740 | -160.617 | 11.2500 | 0.000000E+00 |
| 1741 | -161.617 | 9.12500 | 0.000000E+00 |
| 1742 | -155.762 | 11.2500 | 0.000000E+00 |
| 1743 | -156.762 | 9.12500 | 0.000000E+00 |
| 1744 | -150.907 | 11.2500 | 0.000000E+00 |
| 1745 | -151.907 | 9.12500 | 0.000000E+00 |
| 1746 | -146.052 | 11.2500 | 0.000000E+00 |
| 1747 | -147.052 | 9.12500 | 0.000000E+00 |
| 1748 | -141.197 | 11.2500 | 0.000000E+00 |
| 1749 | -142.197 | 9.12500 | 0.000000E+00 |
| 1750 | -136.342 | 11.2500 | 0.000000E+00 |
| 1751 | -137.342 | 9.12500 | 0.000000E+00 |
| 1752 | -126.634 | 11.2500 | 0.000000E+00 |
| 1753 | -127.634 | 9.12500 | 0.000000E+00 |
| 1754 | -121.781 | 11.2500 | 0.000000E+00 |
| 1755 | -122.781 | 9.12500 | 0.000000E+00 |
| 1756 | -116.928 | 11.2500 | 0.000000E+00 |
| 1757 | -117.928 | 9.12500 | 0.000000E+00 |
| 1758 | -112.075 | 11.2500 | 0.000000E+00 |
| 1759 | -113.075 | 9.12500 | 0.000000E+00 |
| 1760 | -107.222 | 11.2500 | 0.000000E+00 |
| 1761 | -108.222 | 9.12500 | 0.000000E+00 |
| 1762 | -102.369 | 11.2500 | 0.000000E+00 |
| 1763 | -103.369 | 9.12500 | 0.000000E+00 |
| 1764 | -97.5160 | 11.2500 | 0.000000E+00 |
| 1765 | -98.5160 | 9.12500 | 0.000000E+00 |
| 1766 | -92.6630 | 11.2500 | 0.000000E+00 |
| 1767 | -93.6630 | 9.12500 | 0.000000E+00 |
| 1768 | -87.8100 | 11.2500 | 0.000000E+00 |
| 1769 | -88.8100 | 9.12500 | 0.000000E+00 |
| 1770 | -78.1060 | 11.2500 | 0.000000E+00 |
| 1771 | -79.1060 | 9.12500 | 0.000000E+00 |
| 1772 | -73.2550 | 11.2500 | 0.000000E+00 |
| 1773 | -74.2550 | 9.12500 | 0.000000E+00 |
| 1774 | -68.4040 | 11.2500 | 0.000000E+00 |
| 1775 | -69.4040 | 9.12500 | 0.000000E+00 |
| 1776 | -63.5530 | 11.2500 | 0.000000E+00 |
| 1777 | -64.5530 | 9.12500 | 0.000000E+00 |
| 1778 | -58.7020 | 11.2500 | 0.000000E+00 |
| 1779 | -59.7020 | 9.12500 | 0.000000E+00 |
| 1780 | -53.8510 | 11.2500 | 0.000000E+00 |
| 1781 | -54.8510 | 9.12500 | 0.000000E+00 |
| 1782 | -49.0000 | 11.2500 | 0.000000E+00 |
| 1783 | -50.0000 | 9.12500 | 0.000000E+00 |
| 1784 | -44.1490 | 11.2500 | 0.000000E+00 |
| 1785 | -45.1490 | 9.12500 | 0.000000E+00 |
| 1786 | -39.2980 | 11.2500 | 0.000000E+00 |
| 1787 | -40.2980 | 9.12500 | 0.000000E+00 |
| 1788 | 38.3980 | 11.2500 | 0.000000E+00 |
| 1789 | 37.3980 | 9.12500 | 0.000000E+00 |
| 1790 | 43.2490 | 11.2500 | 0.000000E+00 |
| 1791 | 42.2490 | 9.12500 | 0.000000E+00 |
| 1792 | 48.1000 | 11.2500 | 0.000000E+00 |
| 1793 | 47.1000 | 9.12500 | 0.000000E+00 |
| 1794 | 52.9510 | 11.2500 | 0.000000E+00 |
| 1795 | 51.9510 | 9.12500 | 0.000000E+00 |
| 1796 | 57.8020 | 11.2500 | 0.000000E+00 |
| 1797 | 56.8020 | 9.12500 | 0.000000E+00 |
| 1798 | 62.6530 | 11.2500 | 0.000000E+00 |
| 1799 | 61.6530 | 9.12500 | 0.000000E+00 |
| 1800 | 67.5040 | 11.2500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 1801 | 66.5040 | 9.12500 | 0.000000E+00 |
| 1802 | 72.3550 | 11.2500 | 0.000000E+00 |
| 1803 | 71.3550 | 9.12500 | 0.000000E+00 |
| 1804 | 77.2060 | 11.2500 | 0.000000E+00 |
| 1805 | 76.2060 | 9.12500 | 0.000000E+00 |
| 1806 | 86.9100 | 11.2500 | 0.000000E+00 |
| 1807 | 85.9100 | 9.12500 | 0.000000E+00 |
| 1808 | 91.7630 | 11.2500 | 0.000000E+00 |
| 1809 | 90.7630 | 9.12500 | 0.000000E+00 |
| 1810 | 96.6160 | 11.2500 | 0.000000E+00 |
| 1811 | 95.6160 | 9.12500 | 0.000000E+00 |
| 1812 | 101.469 | 11.2500 | 0.000000E+00 |
| 1813 | 100.469 | 9.12500 | 0.000000E+00 |
| 1814 | 106.322 | 11.2500 | 0.000000E+00 |
| 1815 | 105.322 | 9.12500 | 0.000000E+00 |
| 1816 | 111.175 | 11.2500 | 0.000000E+00 |
| 1817 | 110.175 | 9.12500 | 0.000000E+00 |
| 1818 | 116.028 | 11.2500 | 0.000000E+00 |
| 1819 | 115.028 | 9.12500 | 0.000000E+00 |
| 1820 | 120.881 | 11.2500 | 0.000000E+00 |
| 1821 | 119.881 | 9.12500 | 0.000000E+00 |
| 1822 | 125.734 | 11.2500 | 0.000000E+00 |
| 1823 | 124.734 | 9.12500 | 0.000000E+00 |
| 1824 | 135.442 | 11.2500 | 0.000000E+00 |
| 1825 | 134.442 | 9.12500 | 0.000000E+00 |
| 1826 | 140.297 | 11.2500 | 0.000000E+00 |
| 1827 | 139.297 | 9.12500 | 0.000000E+00 |
| 1828 | 145.152 | 11.2500 | 0.000000E+00 |
| 1829 | 144.152 | 9.12500 | 0.000000E+00 |
| 1830 | 150.007 | 11.2500 | 0.000000E+00 |
| 1831 | 149.007 | 9.12500 | 0.000000E+00 |
| 1832 | 154.862 | 11.2500 | 0.000000E+00 |
| 1833 | 153.862 | 9.12500 | 0.000000E+00 |
| 1834 | 159.717 | 11.2500 | 0.000000E+00 |
| 1835 | 158.717 | 9.12500 | 0.000000E+00 |
| 1836 | 164.572 | 11.2500 | 0.000000E+00 |
| 1837 | 163.572 | 9.12500 | 0.000000E+00 |
| 1838 | 169.427 | 11.2500 | 0.000000E+00 |
| 1839 | 168.427 | 9.12500 | 0.000000E+00 |
| 1840 | 174.282 | 11.2500 | 0.000000E+00 |
| 1841 | 173.282 | 9.12500 | 0.000000E+00 |
| 1842 | 183.994 | 11.2500 | 0.000000E+00 |
| 1843 | 182.994 | 9.12500 | 0.000000E+00 |
| 1844 | 188.851 | 11.2500 | 0.000000E+00 |
| 1845 | 187.851 | 9.12500 | 0.000000E+00 |
| 1846 | 193.708 | 11.2500 | 0.000000E+00 |
| 1847 | 192.708 | 9.12500 | 0.000000E+00 |
| 1848 | 198.565 | 11.2500 | 0.000000E+00 |
| 1849 | 197.565 | 9.12500 | 0.000000E+00 |
| 1850 | 203.422 | 11.2500 | 0.000000E+00 |
| 1851 | 202.422 | 9.12500 | 0.000000E+00 |
| 1852 | 208.279 | 11.2500 | 0.000000E+00 |
| 1853 | 207.279 | 9.12500 | 0.000000E+00 |
| 1854 | 213.136 | 11.2500 | 0.000000E+00 |
| 1855 | 212.136 | 9.12500 | 0.000000E+00 |
| 1856 | 217.993 | 11.2500 | 0.000000E+00 |
| 1857 | 216.993 | 9.12500 | 0.000000E+00 |
| 1858 | 222.850 | 11.2500 | 0.000000E+00 |
| 1859 | 221.850 | 9.12500 | 0.000000E+00 |
| 1860 | 232.565 | 11.2500 | 0.000000E+00 |
| 1861 | 231.565 | 9.12500 | 0.000000E+00 |
| 1862 | 237.423 | 11.2500 | 0.000000E+00 |
| 1863 | 236.423 | 9.12500 | 0.000000E+00 |
| 1864 | 242.281 | 11.2500 | 0.000000E+00 |
| 1865 | 241.281 | 9.12500 | 0.000000E+00 |
| 1866 | 247.139 | 11.2500 | 0.000000E+00 |
| 1867 | 246.139 | 9.12500 | 0.000000E+00 |
| 1868 | 251.997 | 11.2500 | 0.000000E+00 |
| 1869 | 250.997 | 9.12500 | 0.000000E+00 |
| 1870 | 256.855 | 11.2500 | 0.000000E+00 |
| 1871 | 255.855 | 9.12500 | 0.000000E+00 |
| 1872 | 261.713 | 11.2500 | 0.000000E+00 |
| 1873 | 260.713 | 9.12500 | 0.000000E+00 |
| 1874 | 266.571 | 11.2500 | 0.000000E+00 |
| 1875 | 265.571 | 9.12500 | 0.000000E+00 |
| 1876 | 271.429 | 11.2500 | 0.000000E+00 |
| 1877 | 270.429 | 9.12500 | 0.000000E+00 |
| 1878 | 281.146 | 11.2500 | 0.000000E+00 |
| 1879 | 280.146 | 9.12500 | 0.000000E+00 |
| 1880 | 286.005 | 11.2500 | 0.000000E+00 |
| 1881 | 285.005 | 9.12500 | 0.000000E+00 |
| 1882 | 290.864 | 11.2500 | 0.000000E+00 |
| 1883 | 289.864 | 9.12500 | 0.000000E+00 |
| 1884 | 295.723 | 11.2500 | 0.000000E+00 |
| 1885 | 294.723 | 9.12500 | 0.000000E+00 |
| 1886 | 300.582 | 11.2500 | 0.000000E+00 |
| 1887 | 299.582 | 9.12500 | 0.000000E+00 |
| 1888 | 305.441 | 11.2500 | 0.000000E+00 |
| 1889 | 304.441 | 9.12500 | 0.000000E+00 |
| 1890 | 310.300 | 11.2500 | 0.000000E+00 |
| 1891 | 309.300 | 9.12500 | 0.000000E+00 |
| 1892 | 315.159 | 11.2500 | 0.000000E+00 |
| 1893 | 314.159 | 9.12500 | 0.000000E+00 |
| 1894 | 320.018 | 11.2500 | 0.000000E+00 |
| 1895 | 319.018 | 9.12500 | 0.000000E+00 |
| 1896 | 329.747 | 11.2500 | 0.000000E+00 |
| 1897 | 328.747 | 9.12500 | 0.000000E+00 |
| 1898 | 334.617 | 11.2500 | 0.000000E+00 |
| 1899 | 333.617 | 9.12500 | 0.000000E+00 |
| 1900 | 339.487 | 11.2500 | 0.000000E+00 |
| 1901 | 338.487 | 9.12500 | 0.000000E+00 |
| 1902 | 344.357 | 11.2500 | 0.000000E+00 |
| 1903 | 343.357 | 9.12500 | 0.000000E+00 |
| 1904 | 349.227 | 11.2500 | 0.000000E+00 |
| 1905 | 348.227 | 9.12500 | 0.000000E+00 |

| | | | |
|------|-----------|-----------|--------------|
| 1906 | 354.098 | 11.2500 | 0.000000E+00 |
| 1907 | 353.098 | 9.12500 | 0.000000E+00 |
| 1908 | 358.968 | 11.2500 | 0.000000E+00 |
| 1909 | 357.968 | 9.12500 | 0.000000E+00 |
| 1910 | 363.838 | 11.2500 | 0.000000E+00 |
| 1911 | 362.838 | 9.12500 | 0.000000E+00 |
| 1912 | 368.708 | 11.2500 | 0.000000E+00 |
| 1913 | 367.708 | 9.12500 | 0.000000E+00 |
| 1914 | -325.777 | 11.2500 | 0.000000E+00 |
| 1915 | -326.777 | 9.12500 | 0.000000E+00 |
| 1916 | -277.187 | 11.2500 | 0.000000E+00 |
| 1917 | -278.187 | 9.12500 | 0.000000E+00 |
| 1918 | -228.607 | 11.2500 | 0.000000E+00 |
| 1919 | -229.607 | 9.12500 | 0.000000E+00 |
| 1920 | -180.037 | 11.2500 | 0.000000E+00 |
| 1921 | -181.037 | 9.12500 | 0.000000E+00 |
| 1922 | -131.487 | 11.2500 | 0.000000E+00 |
| 1923 | -132.487 | 9.12500 | 0.000000E+00 |
| 1924 | -82.9570 | 11.2500 | 0.000000E+00 |
| 1925 | -83.9570 | 9.12500 | 0.000000E+00 |
| 1926 | -34.4470 | 11.2500 | 0.000000E+00 |
| 1927 | -35.4470 | 9.12500 | 0.000000E+00 |
| 1928 | -1.40000 | 11.2500 | 0.000000E+00 |
| 1929 | -2.40000 | 9.12500 | 0.000000E+00 |
| 1930 | 0.500000 | 11.2500 | 0.000000E+00 |
| 1931 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1932 | 33.5470 | 11.2500 | 0.000000E+00 |
| 1933 | 32.5470 | 9.12500 | 0.000000E+00 |
| 1934 | 82.0570 | 11.2500 | 0.000000E+00 |
| 1935 | 81.0570 | 9.12500 | 0.000000E+00 |
| 1936 | 130.587 | 11.2500 | 0.000000E+00 |
| 1937 | 129.587 | 9.12500 | 0.000000E+00 |
| 1938 | 179.137 | 11.2500 | 0.000000E+00 |
| 1939 | 178.137 | 9.12500 | 0.000000E+00 |
| 1940 | 227.707 | 11.2500 | 0.000000E+00 |
| 1941 | 226.707 | 9.12500 | 0.000000E+00 |
| 1942 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1943 | -0.500000 | 11.2500 | 0.000000E+00 |
| 1944 | -1.50000 | 9.12500 | 0.000000E+00 |
| 1945 | -0.400000 | 9.12500 | 0.000000E+00 |
| 1946 | -0.400000 | 11.2500 | 0.000000E+00 |
| 1947 | -1.40000 | 9.12500 | 0.000000E+00 |
| 1948 | -360.409 | 9.12500 | 0.000000E+00 |
| 1949 | -360.409 | 11.2500 | 0.000000E+00 |
| 1950 | -361.409 | 9.12500 | 0.000000E+00 |
| 1951 | 408.210 | 9.12500 | 0.000000E+00 |
| 1952 | 408.210 | 12.4200 | 0.000000E+00 |
| 1953 | 407.112 | 9.12500 | 0.000000E+00 |
| 1954 | 373.578 | 11.3942 | 0.000000E+00 |
| 1955 | 372.578 | 9.12500 | 0.000000E+00 |
| 1956 | 378.440 | 11.5382 | 0.000000E+00 |
| 1957 | 377.440 | 9.12500 | 0.000000E+00 |
| 1958 | 383.301 | 11.6822 | 0.000000E+00 |
| 1959 | 382.301 | 9.12500 | 0.000000E+00 |
| 1960 | 409.943 | 9.12500 | 0.000000E+00 |
| 1961 | 388.163 | 11.8262 | 0.000000E+00 |
| 1962 | 387.163 | 9.12500 | 0.000000E+00 |
| 1963 | 393.025 | 11.9702 | 0.000000E+00 |
| 1964 | 392.025 | 9.12500 | 0.000000E+00 |
| 1965 | 397.887 | 12.1142 | 0.000000E+00 |
| 1966 | 396.887 | 9.12500 | 0.000000E+00 |
| 1967 | 402.748 | 12.2582 | 0.000000E+00 |
| 1968 | 401.704 | 9.12500 | 0.000000E+00 |
| 1969 | 407.610 | 12.4022 | 0.000000E+00 |
| 1970 | 406.518 | 9.12500 | 0.000000E+00 |
| 1971 | 373.578 | -0.144246 | 0.000000E+00 |
| 1972 | 374.578 | 2.12500 | 0.000000E+00 |
| 1973 | 378.440 | -0.288243 | 0.000000E+00 |
| 1974 | 379.440 | 2.12500 | 0.000000E+00 |
| 1975 | 383.301 | -0.432241 | 0.000000E+00 |
| 1976 | 384.301 | 2.12500 | 0.000000E+00 |
| 1977 | 388.163 | -0.576239 | 0.000000E+00 |
| 1978 | 389.163 | 2.12500 | 0.000000E+00 |
| 1979 | 393.025 | -0.720236 | 0.000000E+00 |
| 1980 | 394.025 | 2.12500 | 0.000000E+00 |
| 1981 | 397.887 | -0.864234 | 0.000000E+00 |
| 1982 | 398.887 | 2.12500 | 0.000000E+00 |
| 1983 | 402.748 | -1.00823 | 0.000000E+00 |
| 1984 | 403.793 | 2.12500 | 0.000000E+00 |
| 1985 | 407.610 | -1.15223 | 0.000000E+00 |
| 1986 | 408.702 | 2.12500 | 0.000000E+00 |
| 1987 | 399.602 | 2.12500 | 0.000000E+00 |
| 1988 | 399.602 | 3.17376 | 0.000000E+00 |
| 1989 | 402.748 | 3.74557 | 0.000000E+00 |
| 1990 | 389.593 | 2.12500 | 0.000000E+00 |
| 1991 | 389.593 | 3.26895 | 0.000000E+00 |
| 1992 | 397.887 | 3.12500 | 0.000000E+00 |
| 1993 | 393.025 | 3.74557 | 0.000000E+00 |
| 1994 | 379.584 | 2.12500 | 0.000000E+00 |
| 1995 | 379.584 | 3.36414 | 0.000000E+00 |
| 1996 | 388.163 | 3.12500 | 0.000000E+00 |
| 1997 | 383.301 | 3.74557 | 0.000000E+00 |
| 1998 | 373.578 | 3.74557 | 0.000000E+00 |
| 1999 | 378.440 | 3.12500 | 0.000000E+00 |
| 2000 | 367.574 | 2.12500 | 0.000000E+00 |
| 2001 | 367.574 | 3.12500 | 0.000000E+00 |
| 2002 | 368.708 | 3.74837 | 0.000000E+00 |
| 2003 | 355.186 | 2.12500 | 0.000000E+00 |
| 2004 | 355.186 | 3.38557 | 0.000000E+00 |
| 2005 | 363.838 | 3.37040 | 0.000000E+00 |
| 2006 | 358.968 | 3.74837 | 0.000000E+00 |
| 2007 | 343.163 | 2.12500 | 0.000000E+00 |
| 2008 | 343.163 | 3.12500 | 0.000000E+00 |
| 2009 | 354.098 | 3.12500 | 0.000000E+00 |
| 2010 | 349.227 | 3.74837 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 2011 | 344.357 | 3.74837 | 0.000000E+00 |
| 2012 | 330.890 | 2.12500 | 0.000000E+00 |
| 2013 | 330.890 | 3.36740 | 0.000000E+00 |
| 2014 | 339.487 | 3.35023 | 0.000000E+00 |
| 2015 | 334.617 | 3.74837 | 0.000000E+00 |
| 2016 | 324.877 | 3.74837 | 0.000000E+00 |
| 2017 | 329.747 | 3.12500 | 0.000000E+00 |
| 2018 | 318.866 | 2.12500 | 0.000000E+00 |
| 2019 | 318.866 | 3.12500 | 0.000000E+00 |
| 2020 | 320.018 | 3.74467 | 0.000000E+00 |
| 2021 | 306.593 | 2.12500 | 0.000000E+00 |
| 2022 | 306.593 | 3.36067 | 0.000000E+00 |
| 2023 | 315.159 | 3.36067 | 0.000000E+00 |
| 2024 | 310.300 | 3.74467 | 0.000000E+00 |
| 2025 | 294.571 | 2.12500 | 0.000000E+00 |
| 2026 | 294.571 | 3.12500 | 0.000000E+00 |
| 2027 | 305.441 | 3.12500 | 0.000000E+00 |
| 2028 | 300.582 | 3.74467 | 0.000000E+00 |
| 2029 | 295.723 | 3.74467 | 0.000000E+00 |
| 2030 | 282.298 | 2.12500 | 0.000000E+00 |
| 2031 | 282.298 | 3.36067 | 0.000000E+00 |
| 2032 | 290.864 | 3.36067 | 0.000000E+00 |
| 2033 | 286.005 | 3.74467 | 0.000000E+00 |
| 2034 | 276.287 | 3.74467 | 0.000000E+00 |
| 2035 | 281.146 | 3.12500 | 0.000000E+00 |
| 2036 | 270.278 | 2.12500 | 0.000000E+00 |
| 2037 | 270.278 | 3.12500 | 0.000000E+00 |
| 2038 | 271.429 | 3.74433 | 0.000000E+00 |
| 2039 | 258.007 | 2.12500 | 0.000000E+00 |
| 2040 | 258.007 | 3.36033 | 0.000000E+00 |
| 2041 | 266.571 | 3.36067 | 0.000000E+00 |
| 2042 | 261.713 | 3.74433 | 0.000000E+00 |
| 2043 | 245.987 | 2.12500 | 0.000000E+00 |
| 2044 | 245.987 | 3.12500 | 0.000000E+00 |
| 2045 | 256.855 | 3.12500 | 0.000000E+00 |
| 2046 | 251.997 | 3.74433 | 0.000000E+00 |
| 2047 | 247.139 | 3.74433 | 0.000000E+00 |
| 2048 | 233.716 | 2.12500 | 0.000000E+00 |
| 2049 | 233.716 | 3.36067 | 0.000000E+00 |
| 2050 | 242.281 | 3.36033 | 0.000000E+00 |
| 2051 | 237.423 | 3.74433 | 0.000000E+00 |
| 2052 | 227.707 | 3.74433 | 0.000000E+00 |
| 2053 | 232.565 | 3.12500 | 0.000000E+00 |
| 2054 | 221.697 | 2.12500 | 0.000000E+00 |
| 2055 | 221.697 | 3.12500 | 0.000000E+00 |
| 2056 | 222.850 | 3.74400 | 0.000000E+00 |
| 2057 | 209.430 | 2.12500 | 0.000000E+00 |
| 2058 | 209.430 | 3.36033 | 0.000000E+00 |
| 2059 | 217.993 | 3.35967 | 0.000000E+00 |
| 2060 | 213.136 | 3.74400 | 0.000000E+00 |
| 2061 | 197.414 | 2.12500 | 0.000000E+00 |
| 2062 | 197.414 | 3.12500 | 0.000000E+00 |
| 2063 | 208.279 | 3.12500 | 0.000000E+00 |
| 2064 | 203.422 | 3.74400 | 0.000000E+00 |
| 2065 | 198.565 | 3.74400 | 0.000000E+00 |
| 2066 | 185.147 | 2.12500 | 0.000000E+00 |
| 2067 | 185.147 | 3.35967 | 0.000000E+00 |
| 2068 | 193.708 | 3.36033 | 0.000000E+00 |
| 2069 | 188.851 | 3.74400 | 0.000000E+00 |
| 2070 | 179.137 | 3.74400 | 0.000000E+00 |
| 2071 | 183.994 | 3.12500 | 0.000000E+00 |
| 2072 | 173.130 | 2.12500 | 0.000000E+00 |
| 2073 | 173.130 | 3.12500 | 0.000000E+00 |
| 2074 | 174.282 | 3.74333 | 0.000000E+00 |
| 2075 | 160.868 | 2.12500 | 0.000000E+00 |
| 2076 | 160.868 | 3.35967 | 0.000000E+00 |
| 2077 | 169.427 | 3.35933 | 0.000000E+00 |
| 2078 | 164.572 | 3.74333 | 0.000000E+00 |
| 2079 | 148.856 | 2.12500 | 0.000000E+00 |
| 2080 | 148.856 | 3.12500 | 0.000000E+00 |
| 2081 | 159.717 | 3.12500 | 0.000000E+00 |
| 2082 | 154.862 | 3.74333 | 0.000000E+00 |
| 2083 | 150.007 | 3.74333 | 0.000000E+00 |
| 2084 | 136.594 | 2.12500 | 0.000000E+00 |
| 2085 | 136.594 | 3.35933 | 0.000000E+00 |
| 2086 | 145.152 | 3.35967 | 0.000000E+00 |
| 2087 | 140.297 | 3.74333 | 0.000000E+00 |
| 2088 | 130.587 | 3.74333 | 0.000000E+00 |
| 2089 | 135.442 | 3.12500 | 0.000000E+00 |
| 2090 | 124.582 | 2.12500 | 0.000000E+00 |
| 2091 | 124.582 | 3.12500 | 0.000000E+00 |
| 2092 | 125.734 | 3.74267 | 0.000000E+00 |
| 2093 | 112.325 | 2.12500 | 0.000000E+00 |
| 2094 | 112.325 | 3.35933 | 0.000000E+00 |
| 2095 | 120.881 | 3.35867 | 0.000000E+00 |
| 2096 | 116.028 | 3.74267 | 0.000000E+00 |
| 2097 | 100.318 | 2.12500 | 0.000000E+00 |
| 2098 | 100.318 | 3.12500 | 0.000000E+00 |
| 2099 | 111.175 | 3.12500 | 0.000000E+00 |
| 2100 | 106.322 | 3.74267 | 0.000000E+00 |
| 2101 | 101.469 | 3.74267 | 0.000000E+00 |
| 2102 | 88.0610 | 2.12500 | 0.000000E+00 |
| 2103 | 88.0610 | 3.35900 | 0.000000E+00 |
| 2104 | 96.6160 | 3.35900 | 0.000000E+00 |
| 2105 | 91.7630 | 3.74267 | 0.000000E+00 |
| 2106 | 82.0570 | 3.74267 | 0.000000E+00 |
| 2107 | 86.9100 | 3.12500 | 0.000000E+00 |
| 2108 | 76.0550 | 2.12500 | 0.000000E+00 |
| 2109 | 76.0550 | 3.12500 | 0.000000E+00 |
| 2110 | 77.2060 | 3.74200 | 0.000000E+00 |
| 2111 | 63.8030 | 2.12500 | 0.000000E+00 |
| 2112 | 63.8030 | 3.35867 | 0.000000E+00 |
| 2113 | 72.3550 | 3.35833 | 0.000000E+00 |
| 2114 | 67.5040 | 3.74200 | 0.000000E+00 |
| 2115 | 51.8010 | 2.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2116 | 51.8010 | 3.12500 | 0.000000E+00 |
| 2117 | 62.6530 | 3.12500 | 0.000000E+00 |
| 2118 | 57.8020 | 3.74200 | 0.000000E+00 |
| 2119 | 52.9510 | 3.74200 | 0.000000E+00 |
| 2120 | 39.5490 | 2.12500 | 0.000000E+00 |
| 2121 | 39.5490 | 3.35833 | 0.000000E+00 |
| 2122 | 48.1000 | 3.35867 | 0.000000E+00 |
| 2123 | 43.2490 | 3.74200 | 0.000000E+00 |
| 2124 | 33.5470 | 3.74200 | 0.000000E+00 |
| 2125 | 38.3980 | 3.12500 | 0.000000E+00 |
| 2126 | 27.5470 | 2.12500 | 0.000000E+00 |
| 2127 | 27.5470 | 3.12500 | 0.000000E+00 |
| 2128 | 28.8260 | 3.69867 | 0.000000E+00 |
| 2129 | 17.5480 | 2.12500 | 0.000000E+00 |
| 2130 | 17.5480 | 3.12500 | 0.000000E+00 |
| 2131 | 24.1050 | 3.27233 | 0.000000E+00 |
| 2132 | 19.3840 | 3.69867 | 0.000000E+00 |
| 2133 | 7.54900 | 2.12500 | 0.000000E+00 |
| 2134 | 7.54900 | 3.12500 | 0.000000E+00 |
| 2135 | 14.6630 | 3.12500 | 0.000000E+00 |
| 2136 | 9.94200 | 3.69867 | 0.000000E+00 |
| 2137 | 0.500000 | 3.69867 | 0.000000E+00 |
| 2138 | 5.22100 | 3.12500 | 0.000000E+00 |
| 2139 | -8.44900 | 2.12500 | 0.000000E+00 |
| 2140 | -8.44900 | 3.12500 | 0.000000E+00 |
| 2141 | -6.12100 | 3.69867 | 0.000000E+00 |
| 2142 | -18.4480 | 2.12500 | 0.000000E+00 |
| 2143 | -18.4480 | 3.12500 | 0.000000E+00 |
| 2144 | -10.8420 | 3.12500 | 0.000000E+00 |
| 2145 | -15.5630 | 3.69867 | 0.000000E+00 |
| 2146 | -28.4470 | 2.12500 | 0.000000E+00 |
| 2147 | -28.4470 | 3.27233 | 0.000000E+00 |
| 2148 | -20.2840 | 3.12500 | 0.000000E+00 |
| 2149 | -25.0050 | 3.69867 | 0.000000E+00 |
| 2150 | -34.4470 | 3.69867 | 0.000000E+00 |
| 2151 | -29.7260 | 3.12500 | 0.000000E+00 |
| 2152 | -40.4490 | 2.12500 | 0.000000E+00 |
| 2153 | -40.4490 | 3.12500 | 0.000000E+00 |
| 2154 | -39.2980 | 3.74200 | 0.000000E+00 |
| 2155 | -52.7010 | 2.12500 | 0.000000E+00 |
| 2156 | -52.7010 | 3.35867 | 0.000000E+00 |
| 2157 | -44.1490 | 3.35833 | 0.000000E+00 |
| 2158 | -49.0000 | 3.74200 | 0.000000E+00 |
| 2159 | -64.7030 | 2.12500 | 0.000000E+00 |
| 2160 | -64.7030 | 3.12500 | 0.000000E+00 |
| 2161 | -53.8510 | 3.12500 | 0.000000E+00 |
| 2162 | -58.7020 | 3.74200 | 0.000000E+00 |
| 2163 | -63.5530 | 3.74200 | 0.000000E+00 |
| 2164 | -76.9550 | 2.12500 | 0.000000E+00 |
| 2165 | -76.9550 | 3.35833 | 0.000000E+00 |
| 2166 | -68.4040 | 3.35867 | 0.000000E+00 |
| 2167 | -73.2550 | 3.74200 | 0.000000E+00 |
| 2168 | -82.9570 | 3.74200 | 0.000000E+00 |
| 2169 | -78.1060 | 3.12500 | 0.000000E+00 |
| 2170 | -88.9610 | 2.12500 | 0.000000E+00 |
| 2171 | -88.9610 | 3.12500 | 0.000000E+00 |
| 2172 | -87.8100 | 3.74267 | 0.000000E+00 |
| 2173 | -101.218 | 2.12500 | 0.000000E+00 |
| 2174 | -101.218 | 3.35900 | 0.000000E+00 |
| 2175 | -92.6630 | 3.35900 | 0.000000E+00 |
| 2176 | -97.5160 | 3.74267 | 0.000000E+00 |
| 2177 | -113.225 | 2.12500 | 0.000000E+00 |
| 2178 | -113.225 | 3.12500 | 0.000000E+00 |
| 2179 | -102.369 | 3.12500 | 0.000000E+00 |
| 2180 | -107.222 | 3.74267 | 0.000000E+00 |
| 2181 | -112.075 | 3.74267 | 0.000000E+00 |
| 2182 | -125.482 | 2.12500 | 0.000000E+00 |
| 2183 | -125.482 | 3.35867 | 0.000000E+00 |
| 2184 | -116.928 | 3.35933 | 0.000000E+00 |
| 2185 | -121.781 | 3.74267 | 0.000000E+00 |
| 2186 | -131.487 | 3.74267 | 0.000000E+00 |
| 2187 | -126.634 | 3.12500 | 0.000000E+00 |
| 2188 | -137.494 | 2.12500 | 0.000000E+00 |
| 2189 | -137.494 | 3.12500 | 0.000000E+00 |
| 2190 | -136.342 | 3.74333 | 0.000000E+00 |
| 2191 | -149.756 | 2.12500 | 0.000000E+00 |
| 2192 | -149.756 | 3.35967 | 0.000000E+00 |
| 2193 | -141.197 | 3.35933 | 0.000000E+00 |
| 2194 | -146.052 | 3.74333 | 0.000000E+00 |
| 2195 | -161.768 | 2.12500 | 0.000000E+00 |
| 2196 | -161.768 | 3.12500 | 0.000000E+00 |
| 2197 | -150.907 | 3.12500 | 0.000000E+00 |
| 2198 | -155.762 | 3.74333 | 0.000000E+00 |
| 2199 | -160.617 | 3.74333 | 0.000000E+00 |
| 2200 | -174.030 | 2.12500 | 0.000000E+00 |
| 2201 | -174.030 | 3.35933 | 0.000000E+00 |
| 2202 | -165.472 | 3.35967 | 0.000000E+00 |
| 2203 | -170.327 | 3.74333 | 0.000000E+00 |
| 2204 | -180.037 | 3.74333 | 0.000000E+00 |
| 2205 | -175.182 | 3.12500 | 0.000000E+00 |
| 2206 | -186.047 | 2.12500 | 0.000000E+00 |
| 2207 | -186.047 | 3.12500 | 0.000000E+00 |
| 2208 | -184.894 | 3.74400 | 0.000000E+00 |
| 2209 | -198.314 | 2.12500 | 0.000000E+00 |
| 2210 | -198.314 | 3.36033 | 0.000000E+00 |
| 2211 | -189.751 | 3.35967 | 0.000000E+00 |
| 2212 | -194.608 | 3.74400 | 0.000000E+00 |
| 2213 | -210.330 | 2.12500 | 0.000000E+00 |
| 2214 | -210.330 | 3.12500 | 0.000000E+00 |
| 2215 | -199.465 | 3.12500 | 0.000000E+00 |
| 2216 | -204.322 | 3.74400 | 0.000000E+00 |
| 2217 | -209.179 | 3.74400 | 0.000000E+00 |
| 2218 | -222.597 | 2.12500 | 0.000000E+00 |
| 2219 | -222.597 | 3.35967 | 0.000000E+00 |
| 2220 | -214.036 | 3.36033 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2221 | -218.893 | 3.74400 | 0.000000E+00 |
| 2222 | -228.607 | 3.74400 | 0.000000E+00 |
| 2223 | -223.750 | 3.12500 | 0.000000E+00 |
| 2224 | -234.616 | 2.12500 | 0.000000E+00 |
| 2225 | -234.616 | 3.12500 | 0.000000E+00 |
| 2226 | -233.465 | 3.74433 | 0.000000E+00 |
| 2227 | -246.887 | 2.12500 | 0.000000E+00 |
| 2228 | -246.887 | 3.36033 | 0.000000E+00 |
| 2229 | -238.323 | 3.36067 | 0.000000E+00 |
| 2230 | -243.181 | 3.74433 | 0.000000E+00 |
| 2231 | -258.907 | 2.12500 | 0.000000E+00 |
| 2232 | -258.907 | 3.12500 | 0.000000E+00 |
| 2233 | -248.039 | 3.12500 | 0.000000E+00 |
| 2234 | -252.897 | 3.74433 | 0.000000E+00 |
| 2235 | -257.755 | 3.74433 | 0.000000E+00 |
| 2236 | -271.178 | 2.12500 | 0.000000E+00 |
| 2237 | -271.178 | 3.36067 | 0.000000E+00 |
| 2238 | -262.613 | 3.36033 | 0.000000E+00 |
| 2239 | -267.471 | 3.74433 | 0.000000E+00 |
| 2240 | -277.187 | 3.74433 | 0.000000E+00 |
| 2241 | -272.329 | 3.12500 | 0.000000E+00 |
| 2242 | -283.198 | 2.12500 | 0.000000E+00 |
| 2243 | -283.198 | 3.12500 | 0.000000E+00 |
| 2244 | -282.046 | 3.74467 | 0.000000E+00 |
| 2245 | -295.471 | 2.12500 | 0.000000E+00 |
| 2246 | -295.471 | 3.36067 | 0.000000E+00 |
| 2247 | -286.905 | 3.36067 | 0.000000E+00 |
| 2248 | -291.764 | 3.74467 | 0.000000E+00 |
| 2249 | -307.493 | 2.12500 | 0.000000E+00 |
| 2250 | -307.493 | 3.12500 | 0.000000E+00 |
| 2251 | -296.623 | 3.12500 | 0.000000E+00 |
| 2252 | -301.482 | 3.74467 | 0.000000E+00 |
| 2253 | -306.341 | 3.74467 | 0.000000E+00 |
| 2254 | -319.766 | 2.12500 | 0.000000E+00 |
| 2255 | -319.766 | 3.36067 | 0.000000E+00 |
| 2256 | -311.200 | 3.36067 | 0.000000E+00 |
| 2257 | -316.059 | 3.74467 | 0.000000E+00 |
| 2258 | -325.777 | 3.74467 | 0.000000E+00 |
| 2259 | -320.918 | 3.12500 | 0.000000E+00 |
| 2260 | -331.783 | 2.12500 | 0.000000E+00 |
| 2261 | -331.783 | 3.12500 | 0.000000E+00 |
| 2262 | -330.639 | 3.74557 | 0.000000E+00 |
| 2263 | -341.792 | 2.12500 | 0.000000E+00 |
| 2264 | -341.792 | 3.12500 | 0.000000E+00 |
| 2265 | -335.500 | 3.36414 | 0.000000E+00 |
| 2266 | -340.362 | 3.74557 | 0.000000E+00 |
| 2267 | -351.801 | 2.12500 | 0.000000E+00 |
| 2268 | -351.801 | 3.12500 | 0.000000E+00 |
| 2269 | -345.224 | 3.26895 | 0.000000E+00 |
| 2270 | -350.086 | 3.74557 | 0.000000E+00 |
| 2271 | -359.809 | 3.74557 | 0.000000E+00 |
| 2272 | -354.947 | 3.17376 | 0.000000E+00 |
| 2273 | -360.409 | 3.12500 | 0.000000E+00 |
| 2274 | -1.40000 | 3.12500 | 0.000000E+00 |
| 2275 | -0.400000 | 3.12500 | 0.000000E+00 |
| 2276 | 407.610 | 3.12500 | 0.000000E+00 |
| 2277 | 399.602 | 9.12500 | 0.000000E+00 |
| 2278 | 399.602 | 10.1738 | 0.000000E+00 |
| 2279 | 402.748 | 10.7456 | 0.000000E+00 |
| 2280 | 389.593 | 9.12500 | 0.000000E+00 |
| 2281 | 389.593 | 10.2690 | 0.000000E+00 |
| 2282 | 397.887 | 10.1250 | 0.000000E+00 |
| 2283 | 393.025 | 10.7456 | 0.000000E+00 |
| 2284 | 379.584 | 9.12500 | 0.000000E+00 |
| 2285 | 379.584 | 10.3641 | 0.000000E+00 |
| 2286 | 388.163 | 10.1250 | 0.000000E+00 |
| 2287 | 383.301 | 10.7456 | 0.000000E+00 |
| 2288 | 373.578 | 10.7456 | 0.000000E+00 |
| 2289 | 378.440 | 10.1250 | 0.000000E+00 |
| 2290 | 367.574 | 9.12500 | 0.000000E+00 |
| 2291 | 367.574 | 10.1250 | 0.000000E+00 |
| 2292 | 368.708 | 10.7484 | 0.000000E+00 |
| 2293 | 355.186 | 9.12500 | 0.000000E+00 |
| 2294 | 355.186 | 10.3856 | 0.000000E+00 |
| 2295 | 363.838 | 10.3704 | 0.000000E+00 |
| 2296 | 358.968 | 10.7484 | 0.000000E+00 |
| 2297 | 343.163 | 9.12500 | 0.000000E+00 |
| 2298 | 343.163 | 10.1250 | 0.000000E+00 |
| 2299 | 354.098 | 10.1250 | 0.000000E+00 |
| 2300 | 349.227 | 10.7484 | 0.000000E+00 |
| 2301 | 344.357 | 10.7484 | 0.000000E+00 |
| 2302 | 330.890 | 9.12500 | 0.000000E+00 |
| 2303 | 330.890 | 10.3674 | 0.000000E+00 |
| 2304 | 339.487 | 10.3502 | 0.000000E+00 |
| 2305 | 334.617 | 10.7484 | 0.000000E+00 |
| 2306 | 324.877 | 10.7484 | 0.000000E+00 |
| 2307 | 329.747 | 10.1250 | 0.000000E+00 |
| 2308 | 318.866 | 9.12500 | 0.000000E+00 |
| 2309 | 318.866 | 10.1250 | 0.000000E+00 |
| 2310 | 320.018 | 10.7447 | 0.000000E+00 |
| 2311 | 306.593 | 9.12500 | 0.000000E+00 |
| 2312 | 306.593 | 10.3607 | 0.000000E+00 |
| 2313 | 315.159 | 10.3607 | 0.000000E+00 |
| 2314 | 310.300 | 10.7447 | 0.000000E+00 |
| 2315 | 294.571 | 9.12500 | 0.000000E+00 |
| 2316 | 294.571 | 10.1250 | 0.000000E+00 |
| 2317 | 305.441 | 10.1250 | 0.000000E+00 |
| 2318 | 300.582 | 10.7447 | 0.000000E+00 |
| 2319 | 295.723 | 10.7447 | 0.000000E+00 |
| 2320 | 282.298 | 9.12500 | 0.000000E+00 |
| 2321 | 282.298 | 10.3607 | 0.000000E+00 |
| 2322 | 290.864 | 10.3607 | 0.000000E+00 |
| 2323 | 286.005 | 10.7447 | 0.000000E+00 |
| 2324 | 276.287 | 10.7447 | 0.000000E+00 |
| 2325 | 281.146 | 10.1250 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2326 | 270.278 | 9.12500 | 0.000000E+00 |
| 2327 | 270.278 | 10.1250 | 0.000000E+00 |
| 2328 | 271.429 | 10.7443 | 0.000000E+00 |
| 2329 | 258.007 | 9.12500 | 0.000000E+00 |
| 2330 | 258.007 | 10.3603 | 0.000000E+00 |
| 2331 | 266.571 | 10.3607 | 0.000000E+00 |
| 2332 | 261.713 | 10.7443 | 0.000000E+00 |
| 2333 | 245.987 | 9.12500 | 0.000000E+00 |
| 2334 | 245.987 | 10.1250 | 0.000000E+00 |
| 2335 | 256.855 | 10.1250 | 0.000000E+00 |
| 2336 | 251.997 | 10.7443 | 0.000000E+00 |
| 2337 | 247.139 | 10.7443 | 0.000000E+00 |
| 2338 | 233.716 | 9.12500 | 0.000000E+00 |
| 2339 | 233.716 | 10.3607 | 0.000000E+00 |
| 2340 | 242.281 | 10.3603 | 0.000000E+00 |
| 2341 | 237.423 | 10.7443 | 0.000000E+00 |
| 2342 | 227.707 | 10.7443 | 0.000000E+00 |
| 2343 | 232.565 | 10.1250 | 0.000000E+00 |
| 2344 | 221.697 | 9.12500 | 0.000000E+00 |
| 2345 | 221.697 | 10.1250 | 0.000000E+00 |
| 2346 | 222.850 | 10.7440 | 0.000000E+00 |
| 2347 | 209.430 | 9.12500 | 0.000000E+00 |
| 2348 | 209.430 | 10.3603 | 0.000000E+00 |
| 2349 | 217.993 | 10.3597 | 0.000000E+00 |
| 2350 | 213.136 | 10.7440 | 0.000000E+00 |
| 2351 | 197.414 | 9.12500 | 0.000000E+00 |
| 2352 | 197.414 | 10.1250 | 0.000000E+00 |
| 2353 | 208.279 | 10.1250 | 0.000000E+00 |
| 2354 | 203.422 | 10.7440 | 0.000000E+00 |
| 2355 | 198.565 | 10.7440 | 0.000000E+00 |
| 2356 | 185.147 | 9.12500 | 0.000000E+00 |
| 2357 | 185.147 | 10.3597 | 0.000000E+00 |
| 2358 | 193.708 | 10.3603 | 0.000000E+00 |
| 2359 | 188.851 | 10.7440 | 0.000000E+00 |
| 2360 | 179.137 | 10.7440 | 0.000000E+00 |
| 2361 | 183.994 | 10.1250 | 0.000000E+00 |
| 2362 | 173.130 | 9.12500 | 0.000000E+00 |
| 2363 | 173.130 | 10.1250 | 0.000000E+00 |
| 2364 | 174.282 | 10.7433 | 0.000000E+00 |
| 2365 | 160.868 | 9.12500 | 0.000000E+00 |
| 2366 | 160.868 | 10.3597 | 0.000000E+00 |
| 2367 | 169.427 | 10.3593 | 0.000000E+00 |
| 2368 | 164.572 | 10.7433 | 0.000000E+00 |
| 2369 | 148.856 | 9.12500 | 0.000000E+00 |
| 2370 | 148.856 | 10.1250 | 0.000000E+00 |
| 2371 | 159.717 | 10.1250 | 0.000000E+00 |
| 2372 | 154.862 | 10.7433 | 0.000000E+00 |
| 2373 | 150.007 | 10.7433 | 0.000000E+00 |
| 2374 | 136.594 | 9.12500 | 0.000000E+00 |
| 2375 | 136.594 | 10.3593 | 0.000000E+00 |
| 2376 | 145.152 | 10.3597 | 0.000000E+00 |
| 2377 | 140.297 | 10.7433 | 0.000000E+00 |
| 2378 | 130.587 | 10.7433 | 0.000000E+00 |
| 2379 | 135.442 | 10.1250 | 0.000000E+00 |
| 2380 | 124.582 | 9.12500 | 0.000000E+00 |
| 2381 | 124.582 | 10.1250 | 0.000000E+00 |
| 2382 | 125.734 | 10.7427 | 0.000000E+00 |
| 2383 | 112.325 | 9.12500 | 0.000000E+00 |
| 2384 | 112.325 | 10.3593 | 0.000000E+00 |
| 2385 | 120.881 | 10.3587 | 0.000000E+00 |
| 2386 | 116.028 | 10.7427 | 0.000000E+00 |
| 2387 | 100.318 | 9.12500 | 0.000000E+00 |
| 2388 | 100.318 | 10.1250 | 0.000000E+00 |
| 2389 | 111.175 | 10.1250 | 0.000000E+00 |
| 2390 | 106.322 | 10.7427 | 0.000000E+00 |
| 2391 | 101.469 | 10.7427 | 0.000000E+00 |
| 2392 | 88.0610 | 9.12500 | 0.000000E+00 |
| 2393 | 88.0610 | 10.3590 | 0.000000E+00 |
| 2394 | 96.6160 | 10.3590 | 0.000000E+00 |
| 2395 | 91.7630 | 10.7427 | 0.000000E+00 |
| 2396 | 82.0570 | 10.7427 | 0.000000E+00 |
| 2397 | 86.9100 | 10.1250 | 0.000000E+00 |
| 2398 | 76.0550 | 9.12500 | 0.000000E+00 |
| 2399 | 76.0550 | 10.1250 | 0.000000E+00 |
| 2400 | 77.2060 | 10.7420 | 0.000000E+00 |
| 2401 | 63.8030 | 9.12500 | 0.000000E+00 |
| 2402 | 63.8030 | 10.3587 | 0.000000E+00 |
| 2403 | 72.3550 | 10.3583 | 0.000000E+00 |
| 2404 | 67.5040 | 10.7420 | 0.000000E+00 |
| 2405 | 51.8010 | 9.12500 | 0.000000E+00 |
| 2406 | 51.8010 | 10.1250 | 0.000000E+00 |
| 2407 | 62.6530 | 10.1250 | 0.000000E+00 |
| 2408 | 57.8020 | 10.7420 | 0.000000E+00 |
| 2409 | 52.9510 | 10.7420 | 0.000000E+00 |
| 2410 | 39.5490 | 9.12500 | 0.000000E+00 |
| 2411 | 39.5490 | 10.3583 | 0.000000E+00 |
| 2412 | 48.1000 | 10.3587 | 0.000000E+00 |
| 2413 | 43.2490 | 10.7420 | 0.000000E+00 |
| 2414 | 33.5470 | 10.7420 | 0.000000E+00 |
| 2415 | 38.3980 | 10.1250 | 0.000000E+00 |
| 2416 | 27.5470 | 9.12500 | 0.000000E+00 |
| 2417 | 27.5470 | 10.1250 | 0.000000E+00 |
| 2418 | 28.8260 | 10.6987 | 0.000000E+00 |
| 2419 | 17.5480 | 9.12500 | 0.000000E+00 |
| 2420 | 17.5480 | 10.1250 | 0.000000E+00 |
| 2421 | 24.1050 | 10.2723 | 0.000000E+00 |
| 2422 | 19.3840 | 10.6987 | 0.000000E+00 |
| 2423 | 7.54900 | 9.12500 | 0.000000E+00 |
| 2424 | 7.54900 | 10.1250 | 0.000000E+00 |
| 2425 | 14.6630 | 10.1250 | 0.000000E+00 |
| 2426 | 9.94200 | 10.6987 | 0.000000E+00 |
| 2427 | 0.500000 | 10.6987 | 0.000000E+00 |
| 2428 | 5.22100 | 10.1250 | 0.000000E+00 |
| 2429 | -8.44900 | 9.12500 | 0.000000E+00 |
| 2430 | -8.44900 | 10.1250 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2431 | -6.12100 | 10.6987 | 0.000000E+00 |
| 2432 | -18.4480 | 9.12500 | 0.000000E+00 |
| 2433 | -18.4480 | 10.1250 | 0.000000E+00 |
| 2434 | -10.8420 | 10.1250 | 0.000000E+00 |
| 2435 | -15.5630 | 10.6987 | 0.000000E+00 |
| 2436 | -28.4470 | 9.12500 | 0.000000E+00 |
| 2437 | -28.4470 | 10.2723 | 0.000000E+00 |
| 2438 | -20.2840 | 10.1250 | 0.000000E+00 |
| 2439 | -25.0050 | 10.6987 | 0.000000E+00 |
| 2440 | -34.4470 | 10.6987 | 0.000000E+00 |
| 2441 | -29.7260 | 10.1250 | 0.000000E+00 |
| 2442 | -40.4490 | 9.12500 | 0.000000E+00 |
| 2443 | -40.4490 | 10.1250 | 0.000000E+00 |
| 2444 | -39.2980 | 10.7420 | 0.000000E+00 |
| 2445 | -52.7010 | 9.12500 | 0.000000E+00 |
| 2446 | -52.7010 | 10.3587 | 0.000000E+00 |
| 2447 | -44.1490 | 10.3583 | 0.000000E+00 |
| 2448 | -49.0000 | 10.7420 | 0.000000E+00 |
| 2449 | -64.7030 | 9.12500 | 0.000000E+00 |
| 2450 | -64.7030 | 10.1250 | 0.000000E+00 |
| 2451 | -53.8510 | 10.1250 | 0.000000E+00 |
| 2452 | -58.7020 | 10.7420 | 0.000000E+00 |
| 2453 | -63.5530 | 10.7420 | 0.000000E+00 |
| 2454 | -76.9550 | 9.12500 | 0.000000E+00 |
| 2455 | -76.9550 | 10.3583 | 0.000000E+00 |
| 2456 | -68.4040 | 10.3587 | 0.000000E+00 |
| 2457 | -73.2550 | 10.7420 | 0.000000E+00 |
| 2458 | -82.9570 | 10.7420 | 0.000000E+00 |
| 2459 | -78.1060 | 10.1250 | 0.000000E+00 |
| 2460 | -88.9610 | 9.12500 | 0.000000E+00 |
| 2461 | -88.9610 | 10.1250 | 0.000000E+00 |
| 2462 | -87.8100 | 10.7427 | 0.000000E+00 |
| 2463 | -101.218 | 9.12500 | 0.000000E+00 |
| 2464 | -101.218 | 10.3590 | 0.000000E+00 |
| 2465 | -92.6630 | 10.3590 | 0.000000E+00 |
| 2466 | -97.5160 | 10.7427 | 0.000000E+00 |
| 2467 | -113.225 | 9.12500 | 0.000000E+00 |
| 2468 | -113.225 | 10.1250 | 0.000000E+00 |
| 2469 | -102.369 | 10.1250 | 0.000000E+00 |
| 2470 | -107.222 | 10.7427 | 0.000000E+00 |
| 2471 | -112.075 | 10.7427 | 0.000000E+00 |
| 2472 | -125.482 | 9.12500 | 0.000000E+00 |
| 2473 | -125.482 | 10.3587 | 0.000000E+00 |
| 2474 | -116.928 | 10.3593 | 0.000000E+00 |
| 2475 | -121.781 | 10.7427 | 0.000000E+00 |
| 2476 | -131.487 | 10.7427 | 0.000000E+00 |
| 2477 | -126.634 | 10.1250 | 0.000000E+00 |
| 2478 | -137.494 | 9.12500 | 0.000000E+00 |
| 2479 | -137.494 | 10.1250 | 0.000000E+00 |
| 2480 | -136.342 | 10.7433 | 0.000000E+00 |
| 2481 | -149.756 | 9.12500 | 0.000000E+00 |
| 2482 | -149.756 | 10.3597 | 0.000000E+00 |
| 2483 | -141.197 | 10.3593 | 0.000000E+00 |
| 2484 | -146.052 | 10.7433 | 0.000000E+00 |
| 2485 | -161.768 | 9.12500 | 0.000000E+00 |
| 2486 | -161.768 | 10.1250 | 0.000000E+00 |
| 2487 | -150.907 | 10.1250 | 0.000000E+00 |
| 2488 | -155.762 | 10.7433 | 0.000000E+00 |
| 2489 | -160.617 | 10.7433 | 0.000000E+00 |
| 2490 | -174.030 | 9.12500 | 0.000000E+00 |
| 2491 | -174.030 | 10.3593 | 0.000000E+00 |
| 2492 | -165.472 | 10.3597 | 0.000000E+00 |
| 2493 | -170.327 | 10.7433 | 0.000000E+00 |
| 2494 | -180.037 | 10.7433 | 0.000000E+00 |
| 2495 | -175.182 | 10.1250 | 0.000000E+00 |
| 2496 | -186.047 | 9.12500 | 0.000000E+00 |
| 2497 | -186.047 | 10.1250 | 0.000000E+00 |
| 2498 | -184.894 | 10.7440 | 0.000000E+00 |
| 2499 | -198.314 | 9.12500 | 0.000000E+00 |
| 2500 | -198.314 | 10.3603 | 0.000000E+00 |
| 2501 | -189.751 | 10.3597 | 0.000000E+00 |
| 2502 | -194.608 | 10.7440 | 0.000000E+00 |
| 2503 | -210.330 | 9.12500 | 0.000000E+00 |
| 2504 | -210.330 | 10.1250 | 0.000000E+00 |
| 2505 | -199.465 | 10.1250 | 0.000000E+00 |
| 2506 | -204.322 | 10.7440 | 0.000000E+00 |
| 2507 | -209.179 | 10.7440 | 0.000000E+00 |
| 2508 | -222.597 | 9.12500 | 0.000000E+00 |
| 2509 | -222.597 | 10.3597 | 0.000000E+00 |
| 2510 | -214.036 | 10.3603 | 0.000000E+00 |
| 2511 | -218.893 | 10.7440 | 0.000000E+00 |
| 2512 | -228.607 | 10.7440 | 0.000000E+00 |
| 2513 | -223.750 | 10.1250 | 0.000000E+00 |
| 2514 | -234.616 | 9.12500 | 0.000000E+00 |
| 2515 | -234.616 | 10.1250 | 0.000000E+00 |
| 2516 | -233.465 | 10.7443 | 0.000000E+00 |
| 2517 | -246.887 | 9.12500 | 0.000000E+00 |
| 2518 | -246.887 | 10.3603 | 0.000000E+00 |
| 2519 | -238.323 | 10.3607 | 0.000000E+00 |
| 2520 | -243.181 | 10.7443 | 0.000000E+00 |
| 2521 | -258.907 | 9.12500 | 0.000000E+00 |
| 2522 | -258.907 | 10.1250 | 0.000000E+00 |
| 2523 | -248.039 | 10.1250 | 0.000000E+00 |
| 2524 | -252.897 | 10.7443 | 0.000000E+00 |
| 2525 | -257.755 | 10.7443 | 0.000000E+00 |
| 2526 | -271.178 | 9.12500 | 0.000000E+00 |
| 2527 | -271.178 | 10.3607 | 0.000000E+00 |
| 2528 | -262.613 | 10.3603 | 0.000000E+00 |
| 2529 | -267.471 | 10.7443 | 0.000000E+00 |
| 2530 | -277.187 | 10.7443 | 0.000000E+00 |
| 2531 | -272.329 | 10.1250 | 0.000000E+00 |
| 2532 | -283.198 | 9.12500 | 0.000000E+00 |
| 2533 | -283.198 | 10.1250 | 0.000000E+00 |
| 2534 | -282.046 | 10.7447 | 0.000000E+00 |
| 2535 | -295.471 | 9.12500 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2536 | -295.471 | 10.3607 | 0.000000E+00 |
| 2537 | -286.905 | 10.3607 | 0.000000E+00 |
| 2538 | -291.764 | 10.7447 | 0.000000E+00 |
| 2539 | -307.493 | 9.12500 | 0.000000E+00 |
| 2540 | -307.493 | 10.1250 | 0.000000E+00 |
| 2541 | -296.623 | 10.1250 | 0.000000E+00 |
| 2542 | -301.482 | 10.7447 | 0.000000E+00 |
| 2543 | -306.341 | 10.7447 | 0.000000E+00 |
| 2544 | -319.766 | 9.12500 | 0.000000E+00 |
| 2545 | -319.766 | 10.3607 | 0.000000E+00 |
| 2546 | -311.200 | 10.3607 | 0.000000E+00 |
| 2547 | -316.059 | 10.7447 | 0.000000E+00 |
| 2548 | -325.777 | 10.7447 | 0.000000E+00 |
| 2549 | -320.918 | 10.1250 | 0.000000E+00 |
| 2550 | -331.783 | 9.12500 | 0.000000E+00 |
| 2551 | -331.783 | 10.1250 | 0.000000E+00 |
| 2552 | -330.639 | 10.7456 | 0.000000E+00 |
| 2553 | -341.792 | 9.12500 | 0.000000E+00 |
| 2554 | -341.792 | 10.1250 | 0.000000E+00 |
| 2555 | -335.500 | 10.3641 | 0.000000E+00 |
| 2556 | -340.362 | 10.7456 | 0.000000E+00 |
| 2557 | -351.801 | 9.12500 | 0.000000E+00 |
| 2558 | -351.801 | 10.1250 | 0.000000E+00 |
| 2559 | -345.224 | 10.2690 | 0.000000E+00 |
| 2560 | -350.086 | 10.7456 | 0.000000E+00 |
| 2561 | -359.809 | 10.7456 | 0.000000E+00 |
| 2562 | -354.947 | 10.1738 | 0.000000E+00 |
| 2563 | -360.409 | 10.1250 | 0.000000E+00 |
| 2564 | -1.40000 | 10.1250 | 0.000000E+00 |
| 2565 | -0.400000 | 10.1250 | 0.000000E+00 |
| 2566 | 407.610 | 10.1250 | 0.000000E+00 |
| 2567 | -360.409 | 5.62500 | 0.000000E+00 |
| 2568 | -359.242 | 9.12500 | 0.000000E+00 |
| 2569 | -359.242 | 5.62500 | 0.000000E+00 |
| 2570 | -0.500000 | 5.62500 | 0.000000E+00 |
| 2571 | 0.666667 | 9.12500 | 0.000000E+00 |
| 2572 | 0.666667 | 5.62500 | 0.000000E+00 |
| 2573 | -0.400000 | 5.62500 | 0.000000E+00 |
| 2574 | 0.766667 | 9.12500 | 0.000000E+00 |
| 2575 | 0.766667 | 5.62500 | 0.000000E+00 |
| 2576 | 408.210 | 5.62500 | 0.000000E+00 |
| 2577 | 409.377 | 9.12500 | 0.000000E+00 |
| 2578 | 409.377 | 5.62500 | 0.000000E+00 |
| 2579 | 407.610 | 9.12500 | -2.50000 |
| 2580 | 407.610 | 8.12500 | -2.50000 |
| 2581 | -359.809 | 2.12500 | -2.50000 |
| 2582 | -359.809 | 9.12500 | -2.50000 |
| 2583 | 407.610 | 2.12500 | -2.50000 |
| 2584 | 407.610 | 9.12500 | -2.50000 |
| 2585 | -361.409 | 5.62500 | 0.000000E+00 |
| 2586 | 409.210 | 5.62500 | 0.000000E+00 |
| 2587 | -359.809 | 5.62500 | -2.90000 |
| 2588 | -325.777 | 5.62500 | -8.80000 |
| 2589 | -277.187 | 5.62500 | -9.30000 |
| 2590 | -228.607 | 5.62500 | -9.80000 |
| 2591 | -180.037 | 5.62500 | -10.3000 |
| 2592 | -131.487 | 5.62500 | -10.5500 |
| 2593 | -82.9570 | 5.62500 | -11.3000 |
| 2594 | -34.4470 | 5.62500 | -11.5500 |
| 2595 | -0.447000 | 5.62500 | -12.3000 |
| 2596 | 33.5470 | 5.62500 | -11.8000 |
| 2597 | 82.0570 | 5.62500 | -11.3000 |
| 2598 | 130.587 | 5.62500 | -11.3000 |
| 2599 | 179.137 | 5.62500 | -11.0500 |
| 2600 | 227.707 | 5.62500 | -10.3000 |
| 2601 | 276.287 | 5.62500 | -10.3000 |
| 2602 | 324.877 | 5.62500 | -10.5500 |
| 2603 | 373.578 | 5.62500 | -10.5500 |
| 2604 | 407.610 | 5.62500 | -2.90000 |
| 2605 | -359.809 | 2.12500 | -2.50000 |
| 2606 | -359.809 | 9.12500 | -2.50000 |
| 2607 | 0.500000 | 2.12500 | -2.50000 |
| 2608 | 0.500000 | 9.12500 | -2.50000 |
| 2609 | 407.610 | 2.12500 | -2.50000 |
| 2610 | 407.610 | 9.12500 | -2.50000 |
| 2611 | -359.809 | 5.62500 | -2.90000 |
| 2612 | 407.610 | 5.62500 | -2.90000 |
| 2613 | -358.809 | 2.12500 | -2.50000 |
| 2614 | -359.809 | 3.12500 | -2.50000 |
| 2615 | -358.809 | 9.12500 | -2.50000 |
| 2616 | -359.809 | 10.1250 | -2.50000 |
| 2617 | -324.777 | 2.12500 | -2.50000 |
| 2618 | -325.777 | 3.12500 | -2.50000 |
| 2619 | -324.777 | 9.12500 | -2.50000 |
| 2620 | -325.777 | 10.1250 | -2.50000 |
| 2621 | -276.187 | 2.12500 | -2.50000 |
| 2622 | -277.187 | 3.12500 | -2.50000 |
| 2623 | -276.187 | 9.12500 | -2.50000 |
| 2624 | -277.187 | 10.1250 | -2.50000 |
| 2625 | -227.607 | 2.12500 | -2.50000 |
| 2626 | -228.607 | 3.12500 | -2.50000 |
| 2627 | -227.607 | 9.12500 | -2.50000 |
| 2628 | -228.607 | 10.1250 | -2.50000 |
| 2629 | -179.037 | 2.12500 | -2.50000 |
| 2630 | -180.037 | 3.12500 | -2.50000 |
| 2631 | -179.037 | 9.12500 | -2.50000 |
| 2632 | -180.037 | 10.1250 | -2.50000 |
| 2633 | -130.487 | 2.12500 | -2.50000 |
| 2634 | -131.487 | 3.12500 | -2.50000 |
| 2635 | -130.487 | 9.12500 | -2.50000 |
| 2636 | -131.487 | 10.1250 | -2.50000 |
| 2637 | -81.9570 | 2.12500 | -2.50000 |
| 2638 | -82.9570 | 3.12500 | -2.50000 |
| 2639 | -81.9570 | 9.12500 | -2.50000 |
| 2640 | -82.9570 | 10.1250 | -2.50000 |

| | | | |
|------|-----------|---------|--------------|
| 2641 | -33.4470 | 2.12500 | -2.50000 |
| 2642 | -34.4470 | 3.12500 | -2.50000 |
| 2643 | -33.4470 | 9.12500 | -2.50000 |
| 2644 | -34.4470 | 10.1250 | -2.50000 |
| 2645 | -0.400000 | 2.12500 | -2.50000 |
| 2646 | -1.40000 | 3.12500 | -2.50000 |
| 2647 | -0.400000 | 9.12500 | -2.50000 |
| 2648 | -1.40000 | 10.1250 | -2.50000 |
| 2649 | 1.50000 | 2.12500 | -2.50000 |
| 2650 | 0.500000 | 3.12500 | -2.50000 |
| 2651 | 1.50000 | 9.12500 | -2.50000 |
| 2652 | 0.500000 | 10.1250 | -2.50000 |
| 2653 | 34.5470 | 2.12500 | -2.50000 |
| 2654 | 33.5470 | 3.12500 | -2.50000 |
| 2655 | 34.5470 | 9.12500 | -2.50000 |
| 2656 | 33.5470 | 10.1250 | -2.50000 |
| 2657 | 83.0570 | 2.12500 | -2.50000 |
| 2658 | 82.0570 | 3.12500 | -2.50000 |
| 2659 | 83.0570 | 9.12500 | -2.50000 |
| 2660 | 82.0570 | 10.1250 | -2.50000 |
| 2661 | 131.587 | 2.12500 | -2.50000 |
| 2662 | 130.587 | 3.12500 | -2.50000 |
| 2663 | 131.587 | 9.12500 | -2.50000 |
| 2664 | 130.587 | 10.1250 | -2.50000 |
| 2665 | 180.137 | 2.12500 | -2.50000 |
| 2666 | 179.137 | 3.12500 | -2.50000 |
| 2667 | 180.137 | 9.12500 | -2.50000 |
| 2668 | 179.137 | 10.1250 | -2.50000 |
| 2669 | 228.707 | 2.12500 | -2.50000 |
| 2670 | 227.707 | 3.12500 | -2.50000 |
| 2671 | 228.707 | 9.12500 | -2.50000 |
| 2672 | 227.707 | 10.1250 | -2.50000 |
| 2673 | 277.287 | 2.12500 | -2.50000 |
| 2674 | 276.287 | 3.12500 | -2.50000 |
| 2675 | 277.287 | 9.12500 | -2.50000 |
| 2676 | 276.287 | 10.1250 | -2.50000 |
| 2677 | 325.877 | 2.12500 | -2.50000 |
| 2678 | 324.877 | 3.12500 | -2.50000 |
| 2679 | 325.877 | 9.12500 | -2.50000 |
| 2680 | 324.877 | 10.1250 | -2.50000 |
| 2681 | 374.578 | 2.12500 | -2.50000 |
| 2682 | 373.578 | 3.12500 | -2.50000 |
| 2683 | 374.578 | 9.12500 | -2.50000 |
| 2684 | 373.578 | 10.1250 | -2.50000 |
| 2685 | 406.610 | 2.12500 | -2.50000 |
| 2686 | 407.610 | 1.12500 | -2.50000 |
| 2687 | 406.610 | 9.12500 | -2.50000 |
| 2688 | 407.610 | 8.12500 | -2.50000 |
| 2689 | -360.409 | 5.62500 | 0.000000E+00 |
| 2690 | -361.409 | 6.62500 | 0.000000E+00 |
| 2691 | 0.500000 | 5.62500 | 0.000000E+00 |
| 2692 | -0.500000 | 6.62500 | 0.000000E+00 |
| 2693 | 408.210 | 5.62500 | 0.000000E+00 |
| 2694 | 409.210 | 4.62500 | 0.000000E+00 |
| 2695 | -358.809 | 5.62500 | -2.90000 |
| 2696 | -359.809 | 6.62500 | -2.90000 |
| 2697 | -324.777 | 5.62500 | -8.80000 |
| 2698 | -325.777 | 6.62500 | -8.80000 |
| 2699 | -276.187 | 5.62500 | -9.30000 |
| 2700 | -277.187 | 6.62500 | -9.30000 |
| 2701 | -227.607 | 5.62500 | -9.80000 |
| 2702 | -228.607 | 6.62500 | -9.80000 |
| 2703 | -179.037 | 5.62500 | -10.3000 |
| 2704 | -180.037 | 6.62500 | -10.3000 |
| 2705 | -130.487 | 5.62500 | -10.5500 |
| 2706 | -131.487 | 6.62500 | -10.5500 |
| 2707 | -81.9570 | 5.62500 | -11.3000 |
| 2708 | -82.9570 | 6.62500 | -11.3000 |
| 2709 | -33.4470 | 5.62500 | -11.5500 |
| 2710 | -34.4470 | 6.62500 | -11.5500 |
| 2711 | 0.553000 | 5.62500 | -12.3000 |
| 2712 | -0.447000 | 6.62500 | -12.3000 |
| 2713 | 34.5470 | 5.62500 | -11.8000 |
| 2714 | 33.5470 | 6.62500 | -11.8000 |
| 2715 | 83.0570 | 5.62500 | -11.3000 |
| 2716 | 82.0570 | 6.62500 | -11.3000 |
| 2717 | 131.587 | 5.62500 | -11.3000 |
| 2718 | 130.587 | 6.62500 | -11.3000 |
| 2719 | 180.137 | 5.62500 | -11.0500 |
| 2720 | 179.137 | 6.62500 | -11.0500 |
| 2721 | 228.707 | 5.62500 | -10.3000 |
| 2722 | 227.707 | 6.62500 | -10.3000 |
| 2723 | 277.287 | 5.62500 | -10.3000 |
| 2724 | 276.287 | 6.62500 | -10.3000 |
| 2725 | 325.877 | 5.62500 | -10.5500 |
| 2726 | 324.877 | 6.62500 | -10.5500 |
| 2727 | 374.578 | 5.62500 | -10.5500 |
| 2728 | 373.578 | 6.62500 | -10.5500 |
| 2729 | 408.610 | 5.62500 | -2.90000 |
| 2730 | 407.610 | 6.62500 | -2.90000 |
| 2731 | -358.809 | 2.12500 | -2.50000 |
| 2732 | -359.809 | 3.12500 | -2.50000 |
| 2733 | -358.809 | 9.12500 | -2.50000 |
| 2734 | -359.809 | 10.1250 | -2.50000 |
| 2735 | 1.50000 | 2.12500 | -2.50000 |
| 2736 | 0.500000 | 3.12500 | -2.50000 |
| 2737 | 1.50000 | 9.12500 | -2.50000 |
| 2738 | 0.500000 | 10.1250 | -2.50000 |
| 2739 | 406.610 | 2.12500 | -2.50000 |
| 2740 | 407.610 | 1.12500 | -2.50000 |
| 2741 | 406.610 | 9.12500 | -2.50000 |
| 2742 | 407.610 | 8.12500 | -2.50000 |

TOTAL NUMBER OF NODES = 2742
LARGEST NODE NUMBER = 2742

DATA STORAGE LOCATIONS USED = 19194

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

C1 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

BMI21 ELEMENTS
1 1ST NODE AREA =2.534 IYY =1.935 IZZ =4.866 KT =0.2548E-01 ASZ =1.658
ASY =1.736 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =2.534 IYY =1.935 IZZ =4.866 KT =0.2548E-01 ASZ =1.658
ASY =1.736 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 8.000 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 =0.1773E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C1 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

BMI21 ELEMENTS
51 1ST NODE AREA =2.534 IYY =1.935 IZZ =4.866 KT =0.2548E-01 ASZ =1.658
ASY =1.736 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =2.534 IYY =1.935 IZZ =4.866 KT =0.2548E-01 ASZ =1.658
ASY =1.736 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 =0.1773E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C2 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

BMI21 ELEMENTS
2 1ST NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 8.000 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 =0.2002E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C2 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

BMI21 ELEMENTS
52 1ST NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 =0.2002E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | |
|--|-----------------|----------------|----------------|-----------------|-----------------|------------|--|--|--|--|
| 3 | 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| 2ND NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | | | |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | | | |
| | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | | |
| | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | |
|--|-----------------|----------------|----------------|-----------------|-----------------|------------|--|--|--|--|
| 53 | 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| 2ND NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | | | |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | | | |
| | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | | |
| | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | | |

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

C4 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | |
|--|-----------------|----------------|----------------|-----------------|-----------------|------------|--|--|--|--|
| 54 | 1ST NODE | AREA =2.961 | IYY =2.819 | IZZ =5.350 | KT =0.2593E-01 | ASZ =1.714 | | | | |
| | | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| 2ND NODE | AREA =2.961 | IYY =2.819 | IZZ =5.350 | KT =0.2593E-01 | ASZ =1.714 | | | | | |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | | | |
| | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | MF1 =0.2145E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | | |
| | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | | |

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

C4_cracked (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | |
|--|-----------------|----------------|----------------|-----------------|-----------------|------------|--|--|--|--|
| 4 | 1ST NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 | | | | |
| | | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| 2ND NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 | | | | | |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | | | |
| | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | MF1 =0.4794E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | | |
| | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | | |

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | |
|----------------|-------------|----------------|----------------|-----------------|-----------------|------------|--|--|--|--|
| 5 | 1ST NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 | | | | |
| | | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| 2ND NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 | | | | | |
| | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

SF1 = 1.000 SF2 = 1.000 SF3 = 8.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.1951E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase3
 PROPERTY

BMI21 ELEMENTS

55 1ST NODE AREA =2.636 IYY =2.407 IZZ =5.023 KT =0.2565E-01 ASZ =1.658
 ASY =1.816 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.636 IYY =2.407 IZZ =5.023 KT =0.2565E-01 ASZ =1.658
 ASY =1.816 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.1951E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
 PROPERTY

BMI21 ELEMENTS

6 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

SF1 = 1.000 SF2 = 1.000 SF3 = 8.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.2051E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase3
 PROPERTY

BMI21 ELEMENTS

56 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.2051E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_riva (Sct5 (RSS D=0.3 B=4.72)) & modifier_Jz_soletta
 PROPERTY

BMI21 ELEMENTS

7 1ST NODE AREA =1.416 IYY =0.1062E-01 IZZ =2.629 KT =0.4078E-01 ASZ =1.182
 ASY =1.180 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =1.416 IYY =0.1062E-01 IZZ =2.629 KT =0.4078E-01 ASZ =1.182
 ASY =1.180 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_interne (Sct7 (RSS D=0.3 B=4.86)) & modifier_Jz_soletta
PROPERTY

| | | | | | | | | | | |
|--|----------|-------------|-----------------|----------------|-----------------|-------------|--|--|--|--|
| BIM21 ELEMENTS | | | | | | | | | | |
| 8 | 1ST NODE | AREA =1.458 | IYY =0.1093E-01 | IZZ =2.870 | KT =0.4204E-01 | ASZ =1.217 | | | | |
| | | ASY =1.215 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =1.458 | IYY =0.1093E-01 | IZZ =2.870 | KT =0.4204E-01 | ASZ =1.217 | | | | |
| | | ASY =1.215 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 10.00 | SF4 = 1.000 | SF5 = 1.000 | | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | | MF1 = 1.000 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | |

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

el_soletta_riva_terminali (Sct4 (RSS D=0.3 B=2.9)) & modifier_Jz_soletta
PROPERTY

| | | | | | | | | | | |
|--|----------|--------------|-----------------|----------------|-----------------|-------------|--|--|--|--|
| BIM21 ELEMENTS | | | | | | | | | | |
| 9 | 1ST NODE | AREA =0.8700 | IYY =0.6525E-02 | IZZ =0.6097 | KT =0.2440E-01 | ASZ =0.7258 | | | | |
| | | ASY =0.7250 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =0.8700 | IYY =0.6525E-02 | IZZ =0.6097 | KT =0.2440E-01 | ASZ =0.7258 | | | | |
| | | ASY =0.7250 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 10.00 | SF4 = 1.000 | SF5 = 1.000 | | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | | MF1 = 1.000 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | |

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

el_soletta_riva_estremi (el_soletta_estremi (RSS D=0.3 B=0.05)) & modifier_Jz_soletta
PROPERTY

| | | | | | | | | | | |
|--|----------|------------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|
| BIM21 ELEMENTS | | | | | | | | | | |
| 10 | 1ST NODE | AREA =0.1500E-01 | IYY =0.1125E-03 | IZZ =0.3125E-05 | KT =0.1119E-04 | ASZ =0.1250E-01 | | | | |
| | | ASY =0.1251E-01 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =0.1500E-01 | IYY =0.1125E-03 | IZZ =0.3125E-05 | KT =0.1119E-04 | ASZ =0.1250E-01 | | | | |
| | | ASY =0.1251E-01 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 10.00 | SF4 = 1.000 | SF5 = 1.000 | | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | | MF1 = 1.000 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | |

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

traversi_appoggio (Sct1 (I D=1 B=0.3 tf=0.02 tw=0.018 r=0))
PROPERTY

| | | | | | | | | | | |
|----------------|----------|------------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|
| BIM21 ELEMENTS | | | | | | | | | | |
| 11 | 1ST NODE | AREA =0.2928E-01 | IYY =0.4209E-02 | IZZ =0.9047E-04 | KT =0.3477E-05 | ASZ =0.1703E-01 | | | | |
| | | ASY =0.1027E-01 | EZ =1.000 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =0.2928E-01 | IYY =0.4209E-02 | IZZ =0.9047E-04 | KT =0.3477E-05 | ASZ =0.1703E-01 | | | | |
| | | ASY =0.1027E-01 | EZ =1.000 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |

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

traversi_intermedi (Sct2 (I D=1 B=0.3 tf=0.02 tw=0.015 r=0))
PROPERTY

| | | | | | | | | | | |
|----------------|----------|------------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|
| BIM21 ELEMENTS | | | | | | | | | | |
| 12 | 1ST NODE | AREA =0.2640E-01 | IYY =0.3988E-02 | IZZ =0.9027E-04 | KT =0.2665E-05 | ASZ =0.1428E-01 | | | | |
| | | ASY =0.1017E-01 | EZ =1.000 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =0.2640E-01 | IYY =0.3988E-02 | IZZ =0.9027E-04 | KT =0.2665E-05 | ASZ =0.1428E-01 | | | | |
| | | ASY =0.1017E-01 | EZ =1.000 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |

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

Pulvino_pila_corrente (Pulvino_corrente (RSS D=2.5 B=1.8))
PROPERTY

| BMI21 | ELEMENTS | AREA | IYY | IZZ | KT | ASZ |
|-------|----------|------------|----------------|----------------|-----------------|------------|
| 13 | 1ST NODE | =4.500 | =2.344 | =1.215 | =2.710 | =3.750 |
| | | ASY =3.751 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| | 2ND NODE | =4.500 | IYY =2.344 | IZZ =1.215 | KT =2.710 | ASZ =3.750 |
| | | ASY =3.751 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

rigid
PROPERTY

| BMI21 | ELEMENTS | AREA | IYY | IZZ | KT | ASZ |
|-------|----------|-----------------|----------------|----------------|-----------------|-----------------|
| 14 | 1ST NODE | =10.00 | =100.0 | =100.0 | =100.0 | =0.1000E+05 |
| | | ASY =0.1000E+05 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| | 2ND NODE | =10.00 | IYY =100.0 | IZZ =100.0 | KT =100.0 | ASZ =0.1000E+05 |
| | | ASY =0.1000E+05 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

Pila_Corrente (Fusto_pila_tipo)
PROPERTY

| BMI21 | ELEMENTS | AREA | IYY | IZZ | KT | ASZ |
|-------|----------|------------|----------------|----------------|------------------|------------|
| 15 | 1ST NODE | =6.927 | =7.940 | =23.78 | =22.73 | =1.720 |
| | | ASY =4.929 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =-0.2837E-13 | |
| | 2ND NODE | =6.927 | IYY =7.940 | IZZ =23.78 | KT =22.73 | ASZ =1.720 |
| | | ASY =4.929 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =-0.2837E-13 | |

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

Plinto_Pila_corrente (Plinto_corrente (RSS D=9.6 B=6) R90)
PROPERTY

| BMI21 | ELEMENTS | AREA | IYY | IZZ | KT | ASZ |
|-------|----------|------------|----------------|----------------|-----------------|------------|
| 16 | 1ST NODE | =57.60 | =172.8 | =442.4 | =422.5 | =48.01 |
| | | ASY =48.00 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| | 2ND NODE | =57.60 | IYY =172.8 | IZZ =442.4 | KT =422.5 | ASZ =48.01 |
| | | ASY =48.00 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

Pulvino_pila_P8 (Pulvino_P8 (RSS D=2.5 B=3.3))
PROPERTY

| BMI21 | ELEMENTS | AREA | IYY | IZZ | KT | ASZ |
|-------|----------|------------|----------------|----------------|-----------------|------------|
| 17 | 1ST NODE | =8.250 | =4.297 | =7.487 | =9.236 | =6.876 |
| | | ASY =6.876 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| | 2ND NODE | =8.250 | IYY =4.297 | IZZ =7.487 | KT =9.236 | ASZ =6.876 |
| | | ASY =6.876 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

Plinto_Pila_P8 (Plinto_P8 (RSS D=9.6 B=9.6) R90)
PROPERTY

| BMI21 | ELEMENTS | AREA | IYY | IZZ | KT | ASZ |
|-------|----------|------------|----------------|----------------|-----------------|------------|
| 18 | 1ST NODE | =92.16 | =707.8 | =707.8 | =1194. | =76.81 |
| | | ASY =76.81 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| | 2ND NODE | =92.16 | IYY =707.8 | IZZ =707.8 | KT =1194. | ASZ =76.81 |
| | | ASY =76.81 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

PilaP8 (Fusto_P8)
PROPERTY

| | | | | | | | | |
|-------|----------|-------------|----------------|----------------|-----------------|------------|--|--|
| BMI21 | | ELEMENTS | | | | | | |
| 19 | 1ST NODE | AREA =12.78 | IYY =32.10 | IZZ =42.31 | KT =62.60 | ASZ =3.264 | | |
| | | ASY =9.320 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.2595E-13 | | | |
| | 2ND NODE | AREA =12.78 | IYY =32.10 | IZZ =42.31 | KT =62.60 | ASZ =3.264 | | |
| | | ASY =9.320 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.2595E-13 | | | |

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

joints
PROPERTY

JSH4 ELEMENTS
20 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 2132

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

| FIRST ELEMENT | LAST ELEMENT | DIFF- ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|------------------|-----------------|-----------------|------------------|------------------|
| 1 | 4 | 1 | 14 | 32 |
| 5 | 8 | 1 | 13 | 31 |
| 9 | 0 | 0 | 14 | 32 |
| 10 | 17 | 1 | 15 | 33 |
| 18 | 19 | 1 | 14 | 32 |
| 20 | 23 | 1 | 13 | 31 |
| 24 | 0 | 0 | 14 | 32 |
| 25 | 32 | 1 | 15 | 33 |
| 33 | 34 | 1 | 14 | 32 |
| 35 | 36 | 1 | 16 | 34 |
| 37 | 38 | 1 | 14 | 32 |
| 39 | 42 | 1 | 13 | 31 |
| 43 | 0 | 0 | 14 | 32 |
| 44 | 51 | 1 | 15 | 33 |
| 52 | 0 | 0 | 16 | 34 |
| 53 | 56 | 1 | 14 | 32 |
| 57 | 60 | 1 | 13 | 31 |
| 61 | 0 | 0 | 14 | 32 |
| 62 | 69 | 1 | 15 | 33 |
| 70 | 0 | 0 | 16 | 34 |
| 71 | 74 | 1 | 14 | 32 |
| 75 | 78 | 1 | 13 | 31 |
| 79 | 0 | 0 | 14 | 32 |
| 80 | 87 | 1 | 15 | 33 |
| 88 | 0 | 0 | 16 | 34 |
| 89 | 92 | 1 | 14 | 32 |
| 93 | 96 | 1 | 13 | 31 |
| 97 | 0 | 0 | 14 | 32 |
| 98 | 105 | 1 | 15 | 33 |
| 106 | 0 | 0 | 16 | 34 |
| 107 | 110 | 1 | 14 | 32 |
| 111 | 114 | 1 | 13 | 31 |
| 115 | 0 | 0 | 14 | 32 |
| 116 | 123 | 1 | 15 | 33 |
| 124 | 0 | 0 | 16 | 34 |
| 125 | 128 | 1 | 14 | 32 |
| 129 | 132 | 1 | 13 | 31 |
| 133 | 0 | 0 | 14 | 32 |
| 134 | 141 | 1 | 15 | 33 |
| 142 | 0 | 0 | 16 | 34 |
| 143 | 146 | 1 | 14 | 32 |
| 147 | 150 | 1 | 13 | 31 |
| 151 | 0 | 0 | 14 | 32 |
| 152 | 159 | 1 | 15 | 33 |
| 160 | 0 | 0 | 16 | 34 |
| 161 | 164 | 1 | 14 | 32 |
| 165 | 168 | 1 | 13 | 31 |
| 169 | 0 | 0 | 14 | 32 |
| 170 | 177 | 1 | 15 | 33 |
| 178 | 0 | 0 | 16 | 34 |
| 179 | 182 | 1 | 14 | 32 |
| 183 | 186 | 1 | 13 | 31 |
| 187 | 0 | 0 | 14 | 32 |
| 188 | 195 | 1 | 15 | 33 |
| 196 | 0 | 0 | 16 | 34 |
| 197 | 200 | 1 | 14 | 32 |
| 201 | 204 | 1 | 13 | 31 |
| 205 | 0 | 0 | 14 | 32 |
| 206 | 213 | 1 | 15 | 33 |
| 214 | 0 | 0 | 16 | 34 |
| 215 | 218 | 1 | 14 | 32 |
| 219 | 222 | 1 | 13 | 31 |
| 223 | 0 | 0 | 14 | 32 |
| 224 | 231 | 1 | 15 | 33 |
| 232 | 0 | 0 | 16 | 34 |
| 233 | 236 | 1 | 14 | 32 |
| 237 | 240 | 1 | 13 | 31 |
| 241 | 0 | 0 | 14 | 32 |
| 242 | 249 | 1 | 15 | 33 |
| 250 | 0 | 0 | 16 | 34 |
| 251 | 254 | 1 | 14 | 32 |
| 255 | 258 | 1 | 13 | 31 |
| 259 | 0 | 0 | 14 | 32 |

| | | | | |
|------|------|---|----|----|
| 260 | 267 | 1 | 15 | 33 |
| 268 | 0 | 0 | 16 | 34 |
| 269 | 270 | 1 | 14 | 32 |
| 271 | 274 | 1 | 17 | 35 |
| 275 | 0 | 0 | 14 | 32 |
| 276 | 283 | 1 | 19 | 37 |
| 284 | 0 | 0 | 18 | 36 |
| 285 | 333 | 1 | 14 | 32 |
| 334 | 338 | 1 | 11 | 27 |
| 339 | 479 | 1 | 12 | 28 |
| 480 | 493 | 1 | 11 | 27 |
| 494 | 0 | 0 | 9 | 17 |
| 495 | 496 | 1 | 8 | 16 |
| 497 | 521 | 1 | 7 | 15 |
| 522 | 629 | 1 | 8 | 16 |
| 630 | 638 | 1 | 7 | 15 |
| 639 | 645 | 1 | 8 | 16 |
| 646 | 647 | 1 | 9 | 17 |
| 648 | 652 | 1 | 8 | 16 |
| 653 | 0 | 0 | 9 | 17 |
| 654 | 655 | 1 | 8 | 16 |
| 656 | 673 | 1 | 7 | 15 |
| 674 | 781 | 1 | 8 | 16 |
| 782 | 790 | 1 | 7 | 15 |
| 791 | 797 | 1 | 8 | 16 |
| 798 | 799 | 1 | 9 | 17 |
| 800 | 804 | 1 | 8 | 16 |
| 805 | 808 | 1 | 10 | 18 |
| 809 | 0 | 0 | 9 | 17 |
| 810 | 811 | 1 | 8 | 16 |
| 812 | 829 | 1 | 7 | 15 |
| 830 | 937 | 1 | 8 | 16 |
| 938 | 946 | 1 | 7 | 15 |
| 947 | 953 | 1 | 8 | 16 |
| 954 | 955 | 1 | 9 | 17 |
| 956 | 960 | 1 | 8 | 16 |
| 961 | 964 | 1 | 10 | 18 |
| 965 | 967 | 1 | 7 | 15 |
| 968 | 0 | 0 | 9 | 17 |
| 969 | 972 | 1 | 7 | 15 |
| 973 | 0 | 0 | 9 | 17 |
| 974 | 980 | 1 | 7 | 15 |
| 981 | 0 | 0 | 9 | 17 |
| 982 | 983 | 1 | 51 | 1 |
| 984 | 986 | 1 | 55 | 11 |
| 987 | 989 | 1 | 56 | 13 |
| 990 | 993 | 1 | 54 | 8 |
| 994 | 996 | 1 | 53 | 7 |
| 997 | 1000 | 1 | 52 | 3 |
| 1001 | 1003 | 1 | 53 | 7 |
| 1004 | 1007 | 1 | 54 | 8 |
| 1008 | 1010 | 1 | 53 | 7 |
| 1011 | 1014 | 1 | 52 | 3 |
| 1015 | 1017 | 1 | 53 | 7 |
| 1018 | 1021 | 1 | 54 | 8 |
| 1022 | 1024 | 1 | 53 | 7 |
| 1025 | 1028 | 1 | 52 | 3 |
| 1029 | 1031 | 1 | 53 | 7 |
| 1032 | 1035 | 1 | 54 | 8 |
| 1036 | 1038 | 1 | 53 | 7 |
| 1039 | 1042 | 1 | 52 | 3 |
| 1043 | 1045 | 1 | 53 | 7 |
| 1046 | 1049 | 1 | 54 | 8 |
| 1050 | 1052 | 1 | 53 | 7 |
| 1053 | 1056 | 1 | 52 | 3 |
| 1057 | 1059 | 1 | 53 | 7 |
| 1060 | 1063 | 1 | 54 | 8 |
| 1064 | 1066 | 1 | 53 | 7 |
| 1067 | 1070 | 1 | 52 | 3 |
| 1071 | 1073 | 1 | 53 | 7 |
| 1074 | 1077 | 1 | 54 | 8 |
| 1078 | 1080 | 1 | 53 | 7 |
| 1081 | 1084 | 1 | 52 | 3 |
| 1085 | 1087 | 1 | 53 | 7 |
| 1088 | 1091 | 1 | 54 | 8 |
| 1092 | 1094 | 1 | 56 | 13 |
| 1095 | 1097 | 1 | 55 | 11 |
| 1098 | 1101 | 1 | 51 | 1 |
| 1102 | 1104 | 1 | 55 | 11 |
| 1105 | 1107 | 1 | 56 | 13 |
| 1108 | 1111 | 1 | 54 | 8 |
| 1112 | 1114 | 1 | 53 | 7 |
| 1115 | 1118 | 1 | 52 | 3 |
| 1119 | 1121 | 1 | 53 | 7 |
| 1122 | 1125 | 1 | 54 | 8 |
| 1126 | 1128 | 1 | 53 | 7 |
| 1129 | 1132 | 1 | 52 | 3 |
| 1133 | 1135 | 1 | 53 | 7 |
| 1136 | 1139 | 1 | 54 | 8 |
| 1140 | 1142 | 1 | 53 | 7 |
| 1143 | 1146 | 1 | 52 | 3 |
| 1147 | 1149 | 1 | 53 | 7 |
| 1150 | 1153 | 1 | 54 | 8 |
| 1154 | 1156 | 1 | 53 | 7 |
| 1157 | 1160 | 1 | 52 | 3 |
| 1161 | 1163 | 1 | 53 | 7 |
| 1164 | 1167 | 1 | 54 | 8 |
| 1168 | 1170 | 1 | 53 | 7 |
| 1171 | 1174 | 1 | 52 | 3 |
| 1175 | 1177 | 1 | 53 | 7 |
| 1178 | 1181 | 1 | 54 | 8 |
| 1182 | 1184 | 1 | 53 | 7 |
| 1185 | 1188 | 1 | 52 | 3 |
| 1189 | 1191 | 1 | 53 | 7 |
| 1192 | 1195 | 1 | 54 | 8 |

| | | | | |
|------|------|---|----|----|
| 1196 | 1198 | 1 | 53 | 7 |
| 1199 | 1201 | 1 | 55 | 11 |
| 1202 | 1209 | 1 | 51 | 1 |
| 1210 | 1212 | 1 | 55 | 11 |
| 1213 | 1215 | 1 | 56 | 13 |
| 1216 | 1219 | 1 | 54 | 8 |
| 1220 | 1222 | 1 | 53 | 7 |
| 1223 | 1226 | 1 | 52 | 3 |
| 1227 | 1229 | 1 | 53 | 7 |
| 1230 | 1233 | 1 | 54 | 8 |
| 1234 | 1236 | 1 | 53 | 7 |
| 1237 | 1240 | 1 | 52 | 3 |
| 1241 | 1243 | 1 | 53 | 7 |
| 1244 | 1247 | 1 | 54 | 8 |
| 1248 | 1250 | 1 | 53 | 7 |
| 1251 | 1254 | 1 | 52 | 3 |
| 1255 | 1257 | 1 | 53 | 7 |
| 1258 | 1261 | 1 | 54 | 8 |
| 1262 | 1264 | 1 | 53 | 7 |
| 1265 | 1268 | 1 | 52 | 3 |
| 1269 | 1271 | 1 | 53 | 7 |
| 1272 | 1275 | 1 | 54 | 8 |
| 1276 | 1278 | 1 | 53 | 7 |
| 1279 | 1282 | 1 | 52 | 3 |
| 1283 | 1285 | 1 | 53 | 7 |
| 1286 | 1289 | 1 | 54 | 8 |
| 1290 | 1292 | 1 | 53 | 7 |
| 1293 | 1296 | 1 | 52 | 3 |
| 1297 | 1299 | 1 | 53 | 7 |
| 1300 | 1303 | 1 | 54 | 8 |
| 1304 | 1306 | 1 | 53 | 7 |
| 1307 | 1310 | 1 | 52 | 3 |
| 1311 | 1313 | 1 | 53 | 7 |
| 1314 | 1317 | 1 | 54 | 8 |
| 1318 | 1320 | 1 | 56 | 13 |
| 1321 | 1323 | 1 | 55 | 11 |
| 1324 | 1327 | 1 | 51 | 1 |
| 1328 | 1330 | 1 | 55 | 11 |
| 1331 | 1333 | 1 | 56 | 13 |
| 1334 | 1337 | 1 | 54 | 8 |
| 1338 | 1340 | 1 | 53 | 7 |
| 1341 | 1344 | 1 | 52 | 3 |
| 1345 | 1347 | 1 | 53 | 7 |
| 1348 | 1351 | 1 | 54 | 8 |
| 1352 | 1354 | 1 | 53 | 7 |
| 1355 | 1358 | 1 | 52 | 3 |
| 1359 | 1361 | 1 | 53 | 7 |
| 1362 | 1365 | 1 | 54 | 8 |
| 1366 | 1368 | 1 | 53 | 7 |
| 1369 | 1372 | 1 | 52 | 3 |
| 1373 | 1375 | 1 | 53 | 7 |
| 1376 | 1379 | 1 | 54 | 8 |
| 1380 | 1382 | 1 | 53 | 7 |
| 1383 | 1386 | 1 | 52 | 3 |
| 1387 | 1389 | 1 | 53 | 7 |
| 1390 | 1393 | 1 | 54 | 8 |
| 1394 | 1396 | 1 | 53 | 7 |
| 1397 | 1400 | 1 | 52 | 3 |
| 1401 | 1403 | 1 | 53 | 7 |
| 1404 | 1407 | 1 | 54 | 8 |
| 1408 | 1410 | 1 | 53 | 7 |
| 1411 | 1414 | 1 | 52 | 3 |
| 1415 | 1417 | 1 | 53 | 7 |
| 1418 | 1421 | 1 | 54 | 8 |
| 1422 | 1424 | 1 | 53 | 7 |
| 1425 | 1427 | 1 | 55 | 11 |
| 1428 | 1433 | 1 | 51 | 1 |
| 1434 | 1441 | 1 | 10 | 18 |
| 1442 | 0 | 0 | 14 | 32 |
| 1443 | 1507 | 1 | 20 | 4 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 248
 TOTAL NUMBER OF ELEMENTS = 1507
 LARGEST ELEMENT NUMBER = 1507
 LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 56
 DATA STORAGE LOCATIONS USED = 4521

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

MATERIAL

giunti
 7 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB2_UB
 12 KX = 0.5083E+07 KY = 0.5083E+07 KZ = 0.2331E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB1_UB
13 KX = 0.2736E+07 KY = 0.2736E+07 KZ = 0.1220E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

Incastro
8 KX = 0.1000E+13 KY = 0.1000E+13 KZ = 0.1000E+13 KTX = 0.1000E+13 KTY = 0.1000E+13 KTZ =
0.1000E+13

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

MATERIAL

HDRB2
9 KX = 0.3530E+07 KY = 0.3530E+07 KZ = 0.2331E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB1
10 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

UL
11 KX = 1.000 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

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

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

MATERIAL

rigido (elastic)
3 E = 0.1000E+13 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL =
0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3 (elastic) - compound BDM_Phase3
1 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL =
0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

rigid_cls_pulvini (elastic)
 $4 E = 0.2100E+15$ NU = 0.3000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_sottostrutture (elastic)
 $5 E = 0.3335E+11$ NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_el_sol (elastic)
 $6 E = 0.3335E+11$ NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 538

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

| SHRINKAGE SET | FIRST KO ELEMENT SET | LAST SMEARED REINFORCEMENT ELEMENT SET | DIFF-ERENCE | MATERIAL SET | NSET | STRESS PLASTIC | POTENTIAL DATA SET | CREEP SET | DAMAGE SET | LusasM ID NO. | VISCOELASTIC SET | TWO PHASE MATERIAL SET |
|---------------|----------------------|--|-------------|--------------|------|----------------|--------------------|-----------|------------|---------------|------------------|------------------------|
| 0 | 0 | 1 | 4 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 5 | 8 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 10 | 17 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 18 | 19 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 20 | 23 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 24 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 25 | 32 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 33 | 34 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 35 | 36 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 37 | 38 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 39 | 42 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 43 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 44 | 52 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 53 | 56 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 57 | 60 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 61 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 62 | 70 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 71 | 74 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 75 | 78 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 79 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 80 | 88 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 89 | 92 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 93 | 96 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 97 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 98 | 106 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 107 | 110 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |

0 0 1502 1507 1 11 0 0 0 0 29 0 0

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 80

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

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

C O N S T R A I N T E Q U A T I O N S

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 THX 1.00000
2611 0 0 THX -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 THY 1.00000
2611 0 0 THY -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 THZ 1.00000
2611 0 0 THZ -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2582 0 0 THX 1.00000
2611 0 0 THX -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2582 0 0 THY 1.00000
2611 0 0 THY -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2582 0 0 THZ 1.00000
2611 0 0 THZ -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 V 1.00000
2611 0 0 V -1.00000
2611 0 0 THX 0.400000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 W 0.285714
2611 0 0 W -0.285714
2611 0 0 THX 1.00000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2582 0 0 V 1.00000
2611 0 0 V -1.00000
2611 0 0 THX 0.400000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | W | 0.285714 |
| 2611 | 0 | 0 | W | -0.285714 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 24
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
 LARGEST NODE NUMBER ENCOUNTERED = 2612
 DATA STORAGE LOCATIONS USED = 227

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

F = FREE
 R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
 S = SPRING
 P1 = VISCOUS TRANSMITTING (PRESSURE WAVE): EXPLICIT DEFINITION
 P2 = VISCOUS TRANSMITTING (PRESSURE WAVE): AUTOMATIC CALCULATION
 Z1 = VISCOUS TRANSMITTING (SHEAR WAVE): EXPLICIT DEFINITION
 Z2 = VISCOUS TRANSMITTING (SHEAR WAVE): AUTOMATIC CALCULATION

| FIRST SUPPORT NODE | LAST SUPPORT NODE | DIFF RNC | SUPPORT CONDITION | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT |
|--------------------|-------------------|----------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 2585 | 2604 | 1 | R R R R R R R | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

TOTAL NUMBER OF SUPPORT NODES = 20
 LARGEST NODE NUMBER = 2604
 DATA STORAGE LOCATIONS USED = 210

L O A D C A S E 70

VSM_SLV_SET_A_S1_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2586 | 0 | 0 | 0.143949 | -*- | -*- | -*- | -*- | -*- |
| 2587 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2588 | 0 | 0 | 0.122356E-01 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | 0.296894E-01 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | 0.471432E-01 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | 0.645970E-01 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | 0.820507E-01 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | 0.995045E-01 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | 0.116958 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | 0.129194 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | 0.141430 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 2604 | 1 | 0.143949 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 71

VSM_SLV_SET_A_S1_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2586 | 0 | 0 | -*- | 0.143949 | -*- | -*- | -*- | -*- |
| 2587 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2588 | 0 | 0 | -*- | 0.122356E-01 | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | -*- | 0.296894E-01 | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -*- | 0.471432E-01 | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | -*- | 0.645970E-01 | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -*- | 0.820507E-01 | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | -*- | 0.995045E-01 | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -*- | 0.116958 | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | -*- | 0.129194 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | 0.141430 | -*- | -*- | -*- | -*- |
| 2597 | 2604 | 1 | -*- | 0.143949 | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 72

VSM_SLV_SET_A_S2_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 0 | 0 | 0.143949 | -*- | -*- | -*- | -*- | -*- |
| 2586 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2587 | 2595 | 1 | 0.143949 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | 0.134412 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | 0.116958 | -*- | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | 0.995045E-01 | -*- | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | 0.820507E-01 | -*- | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | 0.645970E-01 | -*- | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | 0.471432E-01 | -*- | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | 0.296894E-01 | -*- | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | 0.122356E-01 | -*- | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 73

VSM_SLV_SET_A_S2_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 0 | 0 | -*- | 0.143949 | -*- | -*- | -*- | -*- |
| 2586 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2587 | 2595 | 1 | -*- | 0.143949 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | 0.134412 | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | -*- | 0.116958 | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -*- | 0.995045E-01 | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | -*- | 0.820507E-01 | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -*- | 0.645970E-01 | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | -*- | 0.471432E-01 | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -*- | 0.296894E-01 | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | -*- | 0.122356E-01 | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 74

VSM_SLV_SET_B_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|---------------|---------|---------|---------|---------|---------|
| 2585 | 0 | 0 | 0.305891E-02 | -*- | -*- | -*- | -*- | -*- |
| 2586 | 0 | 0 | -0.305891E-02 | -*- | -*- | -*- | -*- | -*- |
| 2587 | 0 | 0 | 0.305891E-02 | -*- | -*- | -*- | -*- | -*- |
| 2588 | 0 | 0 | -0.371118E-02 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -0.371118E-02 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | 0.305891E-02 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -0.371118E-02 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | 0.371118E-02 | -*- | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | -0.305891E-02 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 75

VSM_SLV_SET_B_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|---------|--------------|---------|---------|---------|---------|
| 2585 | 0 | 0 | -*- | 0.305891E-02 | -*- | -*- | -*- | -*- |

| | | | | | | | | |
|------|---|---|-----|---------------|-----|-----|-----|-----|
| 2586 | 0 | 0 | -*- | -0.305891E-02 | -*- | -*- | -*- | -*- |
| 2587 | 0 | 0 | -*- | 0.305891E-02 | -*- | -*- | -*- | -*- |
| 2588 | 0 | 0 | -*- | -0.371118E-02 | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -*- | -0.371118E-02 | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | -*- | 0.305891E-02 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | -0.371118E-02 | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | -*- | 0.371118E-02 | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | -*- | -0.305891E-02 | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 76

VSM_SLC_SET_A_S1_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 2587 | 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2588 | 0 | 0 | 0.156418E-01 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | 0.379544E-01 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | 0.602670E-01 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | 0.825795E-01 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | 0.104892 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | 0.127205 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | 0.149517 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | 0.165159 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | 0.180801 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 2604 | 1 | 0.184021 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 77

VSM_SLC_SET_A_S1_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 2587 | 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2588 | 0 | 0 | -*- | 0.156418E-01 | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | -*- | 0.379544E-01 | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -*- | 0.602670E-01 | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | -*- | 0.825795E-01 | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -*- | 0.104892 | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | -*- | 0.127205 | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -*- | 0.149517 | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | -*- | 0.165159 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | 0.180801 | -*- | -*- | -*- | -*- |
| 2597 | 2604 | 1 | -*- | 0.184021 | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 78

VSM_SLC_SET_A_S2_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 2587 | 2 | 0.184021 | -*- | -*- | -*- | -*- | -*- |
| 2588 | 2595 | 1 | 0.184021 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | 0.171830 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | 0.149517 | -*- | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | 0.127205 | -*- | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | 0.104892 | -*- | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | 0.825795E-01 | -*- | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | 0.602670E-01 | -*- | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | 0.379544E-01 | -*- | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | 0.156418E-01 | -*- | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 19
 LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 79

VSM_SLC_SET_A_S2_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 2587 | 2 | -*- | 0.184021 | -*- | -*- | -*- | -*- |
| 2588 | 2595 | 1 | -*- | 0.184021 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | 0.171830 | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | -*- | 0.149517 | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -*- | 0.127205 | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | -*- | 0.104892 | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -*- | 0.825795E-01 | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | -*- | 0.602670E-01 | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -*- | 0.379544E-01 | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | -*- | 0.156418E-01 | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 19
 LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 80

VSM_SLC_SET_B_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|---------------|---------|---------|---------|---------|---------|
| 2585 | 2587 | 2 | 0.391045E-02 | -*- | -*- | -*- | -*- | -*- |
| 2588 | 0 | 0 | -0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | 0.391045E-02 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |

| | | | | | | | | |
|------|---|---|---------------|-----|-----|-----|-----|-----|
| 2599 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | 0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | -0.391045E-02 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 81

VSM_SLC_SET_B_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|---------|---------------|---------|---------|---------|---------|
| 2585 | 2587 | 2 | -*- | 0.391045E-02 | -*- | -*- | -*- | -*- |
| 2588 | 0 | 0 | -*- | -0.474430E-02 | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -*- | -0.474430E-02 | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | -*- | 0.391045E-02 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | -0.474430E-02 | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | -*- | 0.474430E-02 | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | -*- | -0.391045E-02 | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 2604

DATA STORAGE LOCATIONS USED = 1590

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

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT | LAST ELT | DIFF RNCE | OUTPUT CONTROL | AVERAGED NODAL VALUES GROUP | NODAL FORCE OUTPUT GROUP | HISTORY CONTROL | PLOT FILE CONTROL |
|-----------|----------|-----------|----------------|-----------------------------|--------------------------|-----------------|-------------------|
| 1 | 1507 | 1 | 0 | 0 | 0 | 0 | 0 |

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1507
LARGEST ELEMENT NUMBER INPUT = 1507
LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFF RNCE | OUTPUT CONTROL | HISTORY CONTROL |
|------------|-----------|-----------|----------------|-----------------|
| 1 | 2742 | 1 | 0 | 0 |

TOTAL NUMBER OF NODE OUTPUT SETS = 1
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 2742
LARGEST NODE OUTPUT CONTROL NUMBER = 0
LARGEST NODE HISTORY CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 0

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

TOTAL NUMBER OF ELEMENTS = 1507
 TOTAL NUMBER OF CONSTRAINTS = 24
 TOTAL NUMBER OF NODES = 2742
 TOTAL NUMBER OF SUPPORT NODES = 20
 TOTAL NUMBER OF LOADING CASES = 12

LOCATIONS USED DURING DATA PROCESSING = 157325852
 LOCATIONS AVAILABLE = 196608000

TIME USED TO PROCESS INPUT DATA = 0.25000 SEC.

TIME AT CENTRAL PROCESSOR = 6:51:18 ON 30/06/23 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1507
 INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 0

WARNING THE FAST PARALLEL SOLVER WILL BE USED AS DEFAULT IF
 CONSTRAINT EQUATIONS ARE PRESENT - EXPLICITLY SPECIFYING
 THE SOLVER TYPE WILL OVERRIDE (SOLTYP PROCESSOR)

WARNING NODES 2585 AND 2567 FOR ELEMENT NUMBER 1481 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

WARNING NODES 2570 AND 2573 FOR ELEMENT NUMBER 1482 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1000 (BMTJNT PROCESSOR)

WARNING NODES 2586 AND 2576 FOR ELEMENT NUMBER 1483 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

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

| MATERIAL SET | LENGTH M | GEOMETRIC SUMMARY AREA sq M | VOLUME cu M | ELEMENT MASS KG | X-COORD M | Y-COORD M | Z-COORD M |
|----------------------|--------------|-----------------------------|--------------|-----------------|--------------|--------------|--------------|
| 3 | 178.300 | 0.000000E+00 | 1783.00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 146.560 | 0.000000E+00 | 693.870 | 0.173468E+07 | 21.7698 | 5.62500 | -4.25000 |
| 5 | 83.0500 | 0.000000E+00 | 2142.04 | 0.535509E+07 | 25.4711 | 5.62500 | -9.38250 |
| 2 | 1120.00 | 0.000000E+00 | 29.9510 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 1857.71 | 0.000000E+00 | 2596.01 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 1537.04 | 0.000000E+00 | 0.863810E-04 | 0.215953 | 24.0429 | 5.62500 | 0.000000E+00 |
| 13 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 12 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 2.10000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 4924.76 | 0.000000E+00 | 7244.87 | 0.708976E+07 | 24.5655 | 5.62500 | -8.12671 |

| MATERIAL SET | Ixx KG M **2 | Iyy KG M **2 | Izz KG M **2 | Ixy KG M **2 | Iyz KG M **2 | Ixz KG M **2 |
|----------------------|--------------|--------------|--------------|---------------|--------------|--------------|
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 0.101134E+09 | 0.745661E+11 | 0.746046E+11 | -0.212420E+09 | 0.414696E+08 | 0.160495E+09 |
| 5 | 0.654655E+09 | 0.223137E+12 | 0.222821E+12 | -0.767250E+09 | 0.282623E+09 | 0.154437E+10 |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 9.47829 | 10692.9 | 10702.4 | -29.2057 | 0.000000E+00 | 0.000000E+00 |
| 13 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 12 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 0.755789E+09 | 0.297703E+12 | 0.297426E+12 | -0.979670E+09 | 0.324093E+09 | 0.170486E+10 |

| MATERIAL SET | Ixx KG M **2 | Iyy KG M **2 | Izz KG M **2 | Ixy KG M **2 | Iyz KG M **2 | Ixz KG M **2 |
|----------------------|--------------|--------------|--------------|---------------|--------------|--------------|
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 0.149151E+08 | 0.737127E+11 | 0.737276E+11 | -0.298023E-07 | 0.000000E+00 | 0.178814E-06 |
| 5 | 0.138015E+08 | 0.219191E+12 | 0.219178E+12 | 0.357628E-06 | 0.172853E-05 | 0.264594E+09 |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 2.64542 | 10568.0 | 10570.7 | 0.142109E-13 | 0.000000E+00 | 0.000000E+00 |
| 13 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 12 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 0.632318E+08 | 0.292957E+12 | 0.292923E+12 | 0.476837E-06 | 0.154972E-05 | 0.289485E+09 |

| MATERIAL SET | I 11 KG M **2 | I 22 KG M **2 | I 33 KG M **2 | PRINCIPAL DIRECTIONS |
|--------------|---------------|---------------|---------------|--|
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) (0.00, 1.00, 0.00) (0.00, 0.00, 1.00) |
| 4 | 0.737276E+11 | 0.737127E+11 | 0.149151E+08 | (0.00, 0.00, 1.00) (0.00, 1.00, 0.00) (1.00, 0.00, -0.00) |
| 5 | 0.219191E+12 | 0.219178E+12 | 0.134821E+08 | (0.00, 1.00, 0.00) (0.00, 0.00, 1.00) (1.00, 0.00, -0.00) |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) (0.00, 1.00, 0.00) (0.00, 0.00, 1.00) |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) (0.00, 1.00, 0.00) (0.00, 0.00, 1.00) |

| | | | | | | |
|----------------------|--------------|--------------|--------------|---------------------|---------------------|----------------------|
| 1 | 10570.7 | 10568.0 | 2.64542 | (0.00, 0.00, 1.00) | (0.00, 1.00, 0.00) | (1.00, 0.00, 0.00) |
| 13 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 12 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| TOTALS FOR STRUCTURE | 0.292957E+12 | 0.292923E+12 | 0.629457E+08 | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | (1.00, 0.00, -0.00) |

| FORCE OUTPUT GROUP | Fx N | Fy N | Fz N | Mx N .M | My N .M | Mz N .M |
|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| LOAD CASE 70 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 71 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 72 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 73 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 74 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 75 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 76 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 77 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 78 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 79 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 80 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 81 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2155

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.30000E-02 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 72010

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 8028309
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7020
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7020
TOTAL NO. OF EQUATIONS = 7044
TOTAL NO. OF ACTIVE NODES = 1170

NUMBER OF ELEMENT GROUPS = 2
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1442

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 1328499
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 4725586
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 1562114
TOTAL SIZE OF ELEMENT DATA RECORDS = 1394024
TOTAL SIZE OF ELEMENT RESULT RECORDS = 4798351
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 40912
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 199525

TIME FOR PRE-SOLUTION PROCESS = 0.21000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 6:51:18 ON 30/06/23 (DAY/MTH/YR)

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

=====

= Parallel multifrontal solver statistics =

=====

Solving symmetric indefinite matrix
Minimum degree equation re-ordering algorithm used
Number of nonzeros in L and U = 106311
Number of iterative refinement steps = 4

Number of positive eigenvalues = 6900
 Number of negative eigenvalues = 24
 Peak memory used during analysis and
 symbolic factorisation (MB) = 4.45
 Total peak memory used during solve (MB) = 7.06
 In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.74329E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.19420E-19
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.74041E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.15184E-19
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 = 0.17149E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 6 = 0.43183E-22
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 7 = 0.45345E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 8 = 0.22051E-19
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 9 = 0.54127E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 10 = 0.23822E-19
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 11 = 0.12953E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 12 = 0.40982E-22

TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 8171468
 LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1347
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.53400 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.80700 SEC.

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

TIME AT CENTRAL PROCESSOR = 6:51:19 ON 30/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

| Disk Unit Name | Disk Page Size (Bytes) | Calls to I/O Routines | Buffered Transfers | Disk Accesses | Page Table Swaps | Peak File Size (Mbytes) |
|----------------|------------------------|-----------------------|--------------------|---------------|------------------|-------------------------|
| PROBLEM | 16384 | 180 | 3258 | 1908 | 0 | 28.37500 |
| FRONTAL | 16384 | 0 | 0 | 0 | 0 | 0.1562500E-01 |
| SHAPES | 16384 | 6 | 101 | 74 | 0 | 1.140625 |
| PLOT | 16384 | 18137 | 21877 | 3686 | 0 | 59.01562 |
| RESTART | 0 | 0 | 0 | 0 | 0 | 0.0000000E+00 |

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 8:36:33 ON 22/06/23 (DAY/MTH/YR)

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

VBNMAME VALUE
NLPZ 196608000
NPGS 960

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

Build Information : MODELLER04 - Dec 23 2022 12:33:43

Kit Version : 20.0-2
Solver Version : 20.0.1617.7496 (32-bit)

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

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

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

KeyID 15062 licensed on PC processor. Expires 1-07-2024
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\LUSAS200\Programs (x86)\Lusas_S.exe
Input file :
D:\SynologyDrive\01_lavoro\48_037_09_23_632_418_Due_Viadotti_Trevalli_Esec_Sintagma_LF\03_calcoli\VI02_molino_vecchio\LUSASFiles
32\Molino_Vecchio_Sottostrutture_15_g\Molino_Vecchio_Sottostrutture_15_g~01_Fase1.dat

Number of processors available : 20
Maximum number of threads available : 20

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 8:36:34 ON 22/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|----------------|----------------------|------|------|------|
| | JSH4 | | | |
| | ELEMENTS | | | |
| 1443 | 2581 | 2605 | 2613 | 2614 |
| 1444 | 2582 | 2606 | 2615 | 2616 |
| 1445 | 1 | 613 | 2617 | 2618 |
| 1446 | 4 | 670 | 2619 | 2620 |
| 1447 | 67 | 616 | 2621 | 2622 |
| 1448 | 69 | 673 | 2623 | 2624 |
| 1449 | 110 | 619 | 2625 | 2626 |
| 1450 | 108 | 676 | 2627 | 2628 |
| 1451 | 147 | 622 | 2629 | 2630 |
| 1452 | 145 | 679 | 2631 | 2632 |
| 1453 | 184 | 625 | 2633 | 2634 |
| 1454 | 182 | 682 | 2635 | 2636 |
| 1455 | 221 | 628 | 2637 | 2638 |
| 1456 | 219 | 685 | 2639 | 2640 |
| 1457 | 258 | 631 | 2641 | 2642 |
| 1458 | 256 | 688 | 2643 | 2644 |
| 1459 | 597 | 634 | 2645 | 2646 |
| 1460 | 605 | 691 | 2647 | 2648 |
| 1461 | 593 | 2607 | 2649 | 2650 |
| 1462 | 601 | 2608 | 2651 | 2652 |
| 1463 | 295 | 640 | 2653 | 2654 |
| 1464 | 293 | 697 | 2655 | 2656 |
| 1465 | 332 | 643 | 2657 | 2658 |
| 1466 | 330 | 700 | 2659 | 2660 |
| 1467 | 369 | 646 | 2661 | 2662 |
| 1468 | 367 | 703 | 2663 | 2664 |
| 1469 | 406 | 649 | 2665 | 2666 |
| 1470 | 404 | 706 | 2667 | 2668 |
| 1471 | 443 | 652 | 2669 | 2670 |
| 1472 | 441 | 709 | 2671 | 2672 |
| 1473 | 480 | 655 | 2673 | 2674 |
| 1474 | 478 | 712 | 2675 | 2676 |
| 1475 | 517 | 658 | 2677 | 2678 |
| 1476 | 515 | 715 | 2679 | 2680 |
| 1477 | 554 | 661 | 2681 | 2682 |
| 1478 | 552 | 718 | 2683 | 2684 |
| 1479 | 2583 | 2609 | 2685 | 2686 |
| 1480 | 2584 | 2610 | 2687 | 2688 |
| 1481 | 2585 | 2567 | 2689 | 2690 |
| 1482 | 2570 | 2573 | 2691 | 2692 |
| 1483 | 2586 | 2576 | 2693 | 2694 |
| 1484 | 2587 | 2611 | 2695 | 2696 |
| 1485 | 2588 | 71 | 2697 | 2698 |
| 1486 | 2589 | 73 | 2699 | 2700 |
| 1487 | 2590 | 106 | 2701 | 2702 |
| 1488 | 2591 | 143 | 2703 | 2704 |
| 1489 | 2592 | 180 | 2705 | 2706 |
| 1490 | 2593 | 217 | 2707 | 2708 |
| 1491 | 2594 | 254 | 2709 | 2710 |
| 1492 | 2595 | 583 | 2711 | 2712 |
| 1493 | 2596 | 291 | 2713 | 2714 |
| 1494 | 2597 | 328 | 2715 | 2716 |
| 1495 | 2598 | 365 | 2717 | 2718 |
| 1496 | 2599 | 402 | 2719 | 2720 |
| 1497 | 2600 | 439 | 2721 | 2722 |
| 1498 | 2601 | 476 | 2723 | 2724 |
| 1499 | 2602 | 513 | 2725 | 2726 |
| 1500 | 2603 | 550 | 2727 | 2728 |
| 1501 | 2604 | 2612 | 2729 | 2730 |
| 1502 | 2605 | 610 | 2731 | 2732 |
| 1503 | 2606 | 667 | 2733 | 2734 |
| 1504 | 2607 | 637 | 2735 | 2736 |
| 1505 | 2608 | 694 | 2737 | 2738 |
| 1506 | 2609 | 664 | 2739 | 2740 |
| 1507 | 2610 | 2579 | 2741 | 2742 |

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED) |
|----------------|----------------------|---|
| | BMI21 | |
| | ELEMENTS | |
| 1 | 1 2 3 | |
| 2 | 4 5 6 | |
| 3 | 2 7 8 | |
| 4 | 5 9 10 | |
| 5 | 7 11 12 | |
| 6 | 11 9 13 | |
| 7 | 9 14 15 | |
| 8 | 16 7 17 | |
| 9 | 11 18 19 | |
| 10 | 18 21 28 | |
| 11 | 21 22 29 | |
| 12 | 22 23 30 | |

| | | | |
|-----|-----|-----|-----|
| 13 | 23 | 24 | 31 |
| 14 | 24 | 25 | 32 |
| 15 | 25 | 26 | 33 |
| 16 | 26 | 27 | 34 |
| 17 | 27 | 20 | 35 |
| 18 | 36 | 37 | 38 |
| 19 | 39 | 40 | 41 |
| 20 | 37 | 42 | 43 |
| 21 | 42 | 40 | 44 |
| 22 | 40 | 45 | 46 |
| 23 | 47 | 37 | 48 |
| 24 | 42 | 49 | 50 |
| 25 | 49 | 52 | 59 |
| 26 | 52 | 53 | 60 |
| 27 | 53 | 54 | 61 |
| 28 | 54 | 55 | 62 |
| 29 | 55 | 56 | 63 |
| 30 | 56 | 57 | 64 |
| 31 | 57 | 58 | 65 |
| 32 | 58 | 51 | 66 |
| 33 | 67 | 36 | 68 |
| 34 | 69 | 39 | 70 |
| 35 | 20 | 71 | 72 |
| 36 | 51 | 73 | 74 |
| 37 | 75 | 76 | 77 |
| 38 | 78 | 79 | 80 |
| 39 | 76 | 81 | 82 |
| 40 | 81 | 79 | 83 |
| 41 | 79 | 84 | 85 |
| 42 | 86 | 76 | 87 |
| 43 | 81 | 88 | 89 |
| 44 | 88 | 91 | 98 |
| 45 | 91 | 92 | 99 |
| 46 | 92 | 93 | 100 |
| 47 | 93 | 94 | 101 |
| 48 | 94 | 95 | 102 |
| 49 | 95 | 96 | 103 |
| 50 | 96 | 97 | 104 |
| 51 | 97 | 90 | 105 |
| 52 | 90 | 106 | 107 |
| 53 | 108 | 78 | 109 |
| 54 | 110 | 75 | 111 |
| 55 | 112 | 113 | 114 |
| 56 | 115 | 116 | 117 |
| 57 | 113 | 118 | 119 |
| 58 | 118 | 116 | 120 |
| 59 | 116 | 121 | 122 |
| 60 | 123 | 113 | 124 |
| 61 | 118 | 125 | 126 |
| 62 | 125 | 128 | 135 |
| 63 | 128 | 129 | 136 |
| 64 | 129 | 130 | 137 |
| 65 | 130 | 131 | 138 |
| 66 | 131 | 132 | 139 |
| 67 | 132 | 133 | 140 |
| 68 | 133 | 134 | 141 |
| 69 | 134 | 127 | 142 |
| 70 | 127 | 143 | 144 |
| 71 | 145 | 115 | 146 |
| 72 | 147 | 112 | 148 |
| 73 | 149 | 150 | 151 |
| 74 | 152 | 153 | 154 |
| 75 | 150 | 155 | 156 |
| 76 | 155 | 153 | 157 |
| 77 | 153 | 158 | 159 |
| 78 | 160 | 150 | 161 |
| 79 | 155 | 162 | 163 |
| 80 | 162 | 165 | 172 |
| 81 | 165 | 166 | 173 |
| 82 | 166 | 167 | 174 |
| 83 | 167 | 168 | 175 |
| 84 | 168 | 169 | 176 |
| 85 | 169 | 170 | 177 |
| 86 | 170 | 171 | 178 |
| 87 | 171 | 164 | 179 |
| 88 | 164 | 180 | 181 |
| 89 | 182 | 152 | 183 |
| 90 | 184 | 149 | 185 |
| 91 | 186 | 187 | 188 |
| 92 | 189 | 190 | 191 |
| 93 | 187 | 192 | 193 |
| 94 | 192 | 190 | 194 |
| 95 | 190 | 195 | 196 |
| 96 | 197 | 187 | 198 |
| 97 | 192 | 199 | 200 |
| 98 | 199 | 202 | 209 |
| 99 | 202 | 203 | 210 |
| 100 | 203 | 204 | 211 |
| 101 | 204 | 205 | 212 |
| 102 | 205 | 206 | 213 |
| 103 | 206 | 207 | 214 |
| 104 | 207 | 208 | 215 |
| 105 | 208 | 201 | 216 |
| 106 | 201 | 217 | 218 |
| 107 | 219 | 189 | 220 |
| 108 | 221 | 186 | 222 |
| 109 | 223 | 224 | 225 |
| 110 | 226 | 227 | 228 |
| 111 | 224 | 229 | 230 |
| 112 | 229 | 227 | 231 |
| 113 | 227 | 232 | 233 |
| 114 | 234 | 224 | 235 |
| 115 | 229 | 236 | 237 |
| 116 | 236 | 239 | 246 |
| 117 | 239 | 240 | 247 |

| | | | |
|-----|-----|-----|-----|
| 118 | 240 | 241 | 248 |
| 119 | 241 | 242 | 249 |
| 120 | 242 | 243 | 250 |
| 121 | 243 | 244 | 251 |
| 122 | 244 | 245 | 252 |
| 123 | 245 | 238 | 253 |
| 124 | 238 | 254 | 255 |
| 125 | 256 | 226 | 257 |
| 126 | 258 | 223 | 259 |
| 127 | 260 | 261 | 262 |
| 128 | 263 | 264 | 265 |
| 129 | 261 | 266 | 267 |
| 130 | 266 | 264 | 268 |
| 131 | 264 | 269 | 270 |
| 132 | 271 | 261 | 272 |
| 133 | 266 | 273 | 274 |
| 134 | 273 | 276 | 283 |
| 135 | 276 | 277 | 284 |
| 136 | 277 | 278 | 285 |
| 137 | 278 | 279 | 286 |
| 138 | 279 | 280 | 287 |
| 139 | 280 | 281 | 288 |
| 140 | 281 | 282 | 289 |
| 141 | 282 | 275 | 290 |
| 142 | 275 | 291 | 292 |
| 143 | 293 | 263 | 294 |
| 144 | 295 | 260 | 296 |
| 145 | 297 | 298 | 299 |
| 146 | 300 | 301 | 302 |
| 147 | 298 | 303 | 304 |
| 148 | 303 | 301 | 305 |
| 149 | 301 | 306 | 307 |
| 150 | 308 | 298 | 309 |
| 151 | 303 | 310 | 311 |
| 152 | 310 | 313 | 320 |
| 153 | 313 | 314 | 321 |
| 154 | 314 | 315 | 322 |
| 155 | 315 | 316 | 323 |
| 156 | 316 | 317 | 324 |
| 157 | 317 | 318 | 325 |
| 158 | 318 | 319 | 326 |
| 159 | 319 | 312 | 327 |
| 160 | 312 | 328 | 329 |
| 161 | 330 | 300 | 331 |
| 162 | 332 | 297 | 333 |
| 163 | 334 | 335 | 336 |
| 164 | 337 | 338 | 339 |
| 165 | 335 | 340 | 341 |
| 166 | 340 | 338 | 342 |
| 167 | 338 | 343 | 344 |
| 168 | 345 | 335 | 346 |
| 169 | 340 | 347 | 348 |
| 170 | 347 | 350 | 357 |
| 171 | 350 | 351 | 358 |
| 172 | 351 | 352 | 359 |
| 173 | 352 | 353 | 360 |
| 174 | 353 | 354 | 361 |
| 175 | 354 | 355 | 362 |
| 176 | 355 | 356 | 363 |
| 177 | 356 | 349 | 364 |
| 178 | 349 | 365 | 366 |
| 179 | 367 | 337 | 368 |
| 180 | 369 | 334 | 370 |
| 181 | 371 | 372 | 373 |
| 182 | 374 | 375 | 376 |
| 183 | 372 | 377 | 378 |
| 184 | 377 | 375 | 379 |
| 185 | 375 | 380 | 381 |
| 186 | 382 | 372 | 383 |
| 187 | 377 | 384 | 385 |
| 188 | 384 | 387 | 394 |
| 189 | 387 | 388 | 395 |
| 190 | 388 | 389 | 396 |
| 191 | 389 | 390 | 397 |
| 192 | 390 | 391 | 398 |
| 193 | 391 | 392 | 399 |
| 194 | 392 | 393 | 400 |
| 195 | 393 | 386 | 401 |
| 196 | 386 | 402 | 403 |
| 197 | 404 | 374 | 405 |
| 198 | 406 | 371 | 407 |
| 199 | 408 | 409 | 410 |
| 200 | 411 | 412 | 413 |
| 201 | 409 | 414 | 415 |
| 202 | 414 | 412 | 416 |
| 203 | 412 | 417 | 418 |
| 204 | 419 | 409 | 420 |
| 205 | 414 | 421 | 422 |
| 206 | 421 | 424 | 431 |
| 207 | 424 | 425 | 432 |
| 208 | 425 | 426 | 433 |
| 209 | 426 | 427 | 434 |
| 210 | 427 | 428 | 435 |
| 211 | 428 | 429 | 436 |
| 212 | 429 | 430 | 437 |
| 213 | 430 | 423 | 438 |
| 214 | 423 | 439 | 440 |
| 215 | 441 | 411 | 442 |
| 216 | 443 | 408 | 444 |
| 217 | 445 | 446 | 447 |
| 218 | 448 | 449 | 450 |
| 219 | 446 | 451 | 452 |
| 220 | 451 | 449 | 453 |
| 221 | 449 | 454 | 455 |
| 222 | 456 | 446 | 457 |

| | | | |
|-----|-----|-----|-----|
| 223 | 451 | 458 | 459 |
| 224 | 458 | 461 | 468 |
| 225 | 461 | 462 | 469 |
| 226 | 462 | 463 | 470 |
| 227 | 463 | 464 | 471 |
| 228 | 464 | 465 | 472 |
| 229 | 465 | 466 | 473 |
| 230 | 466 | 467 | 474 |
| 231 | 467 | 460 | 475 |
| 232 | 460 | 476 | 477 |
| 233 | 478 | 448 | 479 |
| 234 | 480 | 445 | 481 |
| 235 | 482 | 483 | 484 |
| 236 | 485 | 486 | 487 |
| 237 | 483 | 488 | 489 |
| 238 | 488 | 486 | 490 |
| 239 | 486 | 491 | 492 |
| 240 | 493 | 483 | 494 |
| 241 | 488 | 495 | 496 |
| 242 | 495 | 498 | 505 |
| 243 | 498 | 499 | 506 |
| 244 | 499 | 500 | 507 |
| 245 | 500 | 501 | 508 |
| 246 | 501 | 502 | 509 |
| 247 | 502 | 503 | 510 |
| 248 | 503 | 504 | 511 |
| 249 | 504 | 497 | 512 |
| 250 | 497 | 513 | 514 |
| 251 | 515 | 485 | 516 |
| 252 | 517 | 482 | 518 |
| 253 | 519 | 520 | 521 |
| 254 | 522 | 523 | 524 |
| 255 | 520 | 525 | 526 |
| 256 | 525 | 523 | 527 |
| 257 | 523 | 528 | 529 |
| 258 | 530 | 520 | 531 |
| 259 | 525 | 532 | 533 |
| 260 | 532 | 535 | 542 |
| 261 | 535 | 536 | 543 |
| 262 | 536 | 537 | 544 |
| 263 | 537 | 538 | 545 |
| 264 | 538 | 539 | 546 |
| 265 | 539 | 540 | 547 |
| 266 | 540 | 541 | 548 |
| 267 | 541 | 534 | 549 |
| 268 | 534 | 550 | 551 |
| 269 | 552 | 522 | 553 |
| 270 | 554 | 519 | 555 |
| 271 | 556 | 557 | 558 |
| 272 | 557 | 559 | 560 |
| 273 | 559 | 561 | 562 |
| 274 | 563 | 556 | 564 |
| 275 | 557 | 565 | 566 |
| 276 | 565 | 568 | 575 |
| 277 | 568 | 569 | 576 |
| 278 | 569 | 570 | 577 |
| 279 | 570 | 571 | 578 |
| 280 | 571 | 572 | 579 |
| 281 | 572 | 573 | 580 |
| 282 | 573 | 574 | 581 |
| 283 | 574 | 567 | 582 |
| 284 | 567 | 583 | 584 |
| 285 | 585 | 559 | 586 |
| 286 | 559 | 587 | 588 |
| 287 | 589 | 556 | 590 |
| 288 | 556 | 591 | 592 |
| 289 | 593 | 594 | 595 |
| 290 | 594 | 591 | 596 |
| 291 | 597 | 598 | 599 |
| 292 | 598 | 589 | 600 |
| 293 | 601 | 602 | 603 |
| 294 | 602 | 587 | 604 |
| 295 | 605 | 606 | 607 |
| 296 | 606 | 585 | 608 |
| 297 | 609 | 610 | 611 |
| 298 | 612 | 613 | 614 |
| 299 | 615 | 616 | 617 |
| 300 | 618 | 619 | 620 |
| 301 | 621 | 622 | 623 |
| 302 | 624 | 625 | 626 |
| 303 | 627 | 628 | 629 |
| 304 | 630 | 631 | 632 |
| 305 | 633 | 634 | 635 |
| 306 | 636 | 637 | 638 |
| 307 | 639 | 640 | 641 |
| 308 | 642 | 643 | 644 |
| 309 | 645 | 646 | 647 |
| 310 | 648 | 649 | 650 |
| 311 | 651 | 652 | 653 |
| 312 | 654 | 655 | 656 |
| 313 | 657 | 658 | 659 |
| 314 | 660 | 661 | 662 |
| 315 | 663 | 664 | 665 |
| 316 | 666 | 667 | 668 |
| 317 | 669 | 670 | 671 |
| 318 | 672 | 673 | 674 |
| 319 | 675 | 676 | 677 |
| 320 | 678 | 679 | 680 |
| 321 | 681 | 682 | 683 |
| 322 | 684 | 685 | 686 |
| 323 | 687 | 688 | 689 |
| 324 | 690 | 691 | 692 |
| 325 | 693 | 694 | 695 |
| 326 | 696 | 697 | 698 |
| 327 | 699 | 700 | 701 |

| | | | |
|-----|------|------|------|
| 328 | 702 | 703 | 704 |
| 329 | 705 | 706 | 707 |
| 330 | 708 | 709 | 710 |
| 331 | 711 | 712 | 713 |
| 332 | 714 | 715 | 716 |
| 333 | 717 | 718 | 719 |
| 334 | 666 | 609 | 720 |
| 335 | 711 | 654 | 721 |
| 336 | 714 | 657 | 722 |
| 337 | 717 | 660 | 723 |
| 338 | 724 | 663 | 725 |
| 339 | 726 | 727 | 728 |
| 340 | 729 | 730 | 731 |
| 341 | 732 | 733 | 734 |
| 342 | 735 | 736 | 737 |
| 343 | 738 | 739 | 740 |
| 344 | 741 | 742 | 743 |
| 345 | 744 | 745 | 746 |
| 346 | 747 | 748 | 749 |
| 347 | 750 | 751 | 752 |
| 348 | 753 | 754 | 755 |
| 349 | 756 | 757 | 758 |
| 350 | 759 | 760 | 761 |
| 351 | 762 | 763 | 764 |
| 352 | 765 | 766 | 767 |
| 353 | 768 | 769 | 770 |
| 354 | 771 | 772 | 773 |
| 355 | 774 | 775 | 776 |
| 356 | 777 | 778 | 779 |
| 357 | 780 | 781 | 782 |
| 358 | 783 | 784 | 785 |
| 359 | 786 | 787 | 788 |
| 360 | 789 | 790 | 791 |
| 361 | 792 | 793 | 794 |
| 362 | 795 | 796 | 797 |
| 363 | 798 | 799 | 800 |
| 364 | 801 | 802 | 803 |
| 365 | 804 | 805 | 806 |
| 366 | 807 | 808 | 809 |
| 367 | 810 | 811 | 812 |
| 368 | 813 | 814 | 815 |
| 369 | 816 | 817 | 818 |
| 370 | 819 | 820 | 821 |
| 371 | 822 | 823 | 824 |
| 372 | 825 | 826 | 827 |
| 373 | 828 | 829 | 830 |
| 374 | 831 | 832 | 833 |
| 375 | 834 | 835 | 836 |
| 376 | 837 | 838 | 839 |
| 377 | 840 | 841 | 842 |
| 378 | 843 | 844 | 845 |
| 379 | 846 | 847 | 848 |
| 380 | 849 | 850 | 851 |
| 381 | 852 | 853 | 854 |
| 382 | 855 | 856 | 857 |
| 383 | 858 | 859 | 860 |
| 384 | 861 | 862 | 863 |
| 385 | 864 | 865 | 866 |
| 386 | 867 | 868 | 869 |
| 387 | 870 | 871 | 872 |
| 388 | 873 | 874 | 875 |
| 389 | 876 | 877 | 878 |
| 390 | 879 | 880 | 881 |
| 391 | 882 | 883 | 884 |
| 392 | 885 | 886 | 887 |
| 393 | 888 | 889 | 890 |
| 394 | 891 | 892 | 893 |
| 395 | 894 | 895 | 896 |
| 396 | 897 | 898 | 899 |
| 397 | 900 | 901 | 902 |
| 398 | 903 | 904 | 905 |
| 399 | 906 | 907 | 908 |
| 400 | 909 | 910 | 911 |
| 401 | 912 | 913 | 914 |
| 402 | 915 | 916 | 917 |
| 403 | 918 | 919 | 920 |
| 404 | 921 | 922 | 923 |
| 405 | 924 | 925 | 926 |
| 406 | 927 | 928 | 929 |
| 407 | 930 | 931 | 932 |
| 408 | 933 | 934 | 935 |
| 409 | 936 | 937 | 938 |
| 410 | 939 | 940 | 941 |
| 411 | 942 | 943 | 944 |
| 412 | 945 | 946 | 947 |
| 413 | 948 | 949 | 950 |
| 414 | 951 | 952 | 953 |
| 415 | 954 | 955 | 956 |
| 416 | 957 | 958 | 959 |
| 417 | 960 | 961 | 962 |
| 418 | 963 | 964 | 965 |
| 419 | 966 | 967 | 968 |
| 420 | 969 | 970 | 971 |
| 421 | 972 | 973 | 974 |
| 422 | 975 | 976 | 977 |
| 423 | 978 | 979 | 980 |
| 424 | 981 | 982 | 983 |
| 425 | 984 | 985 | 986 |
| 426 | 987 | 988 | 989 |
| 427 | 990 | 991 | 992 |
| 428 | 993 | 994 | 995 |
| 429 | 996 | 997 | 998 |
| 430 | 999 | 1000 | 1001 |
| 431 | 1002 | 1003 | 1004 |
| 432 | 1005 | 1006 | 1007 |

| | | | |
|-----|------|------|------|
| 433 | 1008 | 1009 | 1010 |
| 434 | 1011 | 1012 | 1013 |
| 435 | 1014 | 1015 | 1016 |
| 436 | 1017 | 1018 | 1019 |
| 437 | 1020 | 1021 | 1022 |
| 438 | 1023 | 1024 | 1025 |
| 439 | 1026 | 1027 | 1028 |
| 440 | 1029 | 1030 | 1031 |
| 441 | 1032 | 1033 | 1034 |
| 442 | 1035 | 1036 | 1037 |
| 443 | 1038 | 1039 | 1040 |
| 444 | 1041 | 1042 | 1043 |
| 445 | 1044 | 1045 | 1046 |
| 446 | 1047 | 1048 | 1049 |
| 447 | 1050 | 1051 | 1052 |
| 448 | 1053 | 1054 | 1055 |
| 449 | 1056 | 1057 | 1058 |
| 450 | 1059 | 1060 | 1061 |
| 451 | 1062 | 1063 | 1064 |
| 452 | 1065 | 1066 | 1067 |
| 453 | 1068 | 1069 | 1070 |
| 454 | 1071 | 1072 | 1073 |
| 455 | 1074 | 1075 | 1076 |
| 456 | 1077 | 1078 | 1079 |
| 457 | 1080 | 1081 | 1082 |
| 458 | 1083 | 1084 | 1085 |
| 459 | 1086 | 1087 | 1088 |
| 460 | 1089 | 1090 | 1091 |
| 461 | 1092 | 1093 | 1094 |
| 462 | 1095 | 1096 | 1097 |
| 463 | 1098 | 1099 | 1100 |
| 464 | 1101 | 1102 | 1103 |
| 465 | 1104 | 1105 | 1106 |
| 466 | 1107 | 1108 | 1109 |
| 467 | 1110 | 1111 | 1112 |
| 468 | 1113 | 1114 | 1115 |
| 469 | 1116 | 1117 | 1118 |
| 470 | 1119 | 1120 | 1121 |
| 471 | 1122 | 1123 | 1124 |
| 472 | 1125 | 1126 | 1127 |
| 473 | 1128 | 1129 | 1130 |
| 474 | 1131 | 1132 | 1133 |
| 475 | 1134 | 1135 | 1136 |
| 476 | 1137 | 1138 | 1139 |
| 477 | 1140 | 1141 | 1142 |
| 478 | 1143 | 1144 | 1145 |
| 479 | 1146 | 1147 | 1148 |
| 480 | 669 | 612 | 1149 |
| 481 | 672 | 615 | 1150 |
| 482 | 675 | 618 | 1151 |
| 483 | 678 | 621 | 1152 |
| 484 | 681 | 624 | 1153 |
| 485 | 684 | 627 | 1154 |
| 486 | 687 | 630 | 1155 |
| 487 | 690 | 633 | 1156 |
| 488 | 693 | 636 | 1157 |
| 489 | 696 | 639 | 1158 |
| 490 | 699 | 642 | 1159 |
| 491 | 702 | 645 | 1160 |
| 492 | 705 | 648 | 1161 |
| 493 | 708 | 651 | 1162 |
| 494 | 666 | 609 | 1163 |
| 495 | 711 | 654 | 1164 |
| 496 | 714 | 657 | 1165 |
| 497 | 717 | 660 | 1166 |
| 498 | 726 | 727 | 1167 |
| 499 | 729 | 730 | 1168 |
| 500 | 732 | 733 | 1169 |
| 501 | 735 | 736 | 1170 |
| 502 | 738 | 739 | 1171 |
| 503 | 741 | 742 | 1172 |
| 504 | 744 | 745 | 1173 |
| 505 | 747 | 748 | 1174 |
| 506 | 750 | 751 | 1175 |
| 507 | 753 | 754 | 1176 |
| 508 | 756 | 757 | 1177 |
| 509 | 759 | 760 | 1178 |
| 510 | 762 | 763 | 1179 |
| 511 | 765 | 766 | 1180 |
| 512 | 768 | 769 | 1181 |
| 513 | 771 | 772 | 1182 |
| 514 | 774 | 775 | 1183 |
| 515 | 777 | 778 | 1184 |
| 516 | 780 | 781 | 1185 |
| 517 | 783 | 784 | 1186 |
| 518 | 786 | 787 | 1187 |
| 519 | 789 | 790 | 1188 |
| 520 | 792 | 793 | 1189 |
| 521 | 795 | 796 | 1190 |
| 522 | 798 | 799 | 1191 |
| 523 | 801 | 802 | 1192 |
| 524 | 804 | 805 | 1193 |
| 525 | 807 | 808 | 1194 |
| 526 | 810 | 811 | 1195 |
| 527 | 813 | 814 | 1196 |
| 528 | 816 | 817 | 1197 |
| 529 | 819 | 820 | 1198 |
| 530 | 822 | 823 | 1199 |
| 531 | 825 | 826 | 1200 |
| 532 | 828 | 829 | 1201 |
| 533 | 831 | 832 | 1202 |
| 534 | 834 | 835 | 1203 |
| 535 | 837 | 838 | 1204 |
| 536 | 840 | 841 | 1205 |
| 537 | 843 | 844 | 1206 |

| | | | |
|-----|------|------|------|
| 538 | 846 | 847 | 1207 |
| 539 | 849 | 850 | 1208 |
| 540 | 852 | 853 | 1209 |
| 541 | 855 | 856 | 1210 |
| 542 | 858 | 859 | 1211 |
| 543 | 861 | 862 | 1212 |
| 544 | 864 | 865 | 1213 |
| 545 | 867 | 868 | 1214 |
| 546 | 870 | 871 | 1215 |
| 547 | 873 | 874 | 1216 |
| 548 | 876 | 877 | 1217 |
| 549 | 879 | 880 | 1218 |
| 550 | 882 | 883 | 1219 |
| 551 | 885 | 886 | 1220 |
| 552 | 888 | 889 | 1221 |
| 553 | 891 | 892 | 1222 |
| 554 | 894 | 895 | 1223 |
| 555 | 897 | 898 | 1224 |
| 556 | 900 | 901 | 1225 |
| 557 | 903 | 904 | 1226 |
| 558 | 906 | 907 | 1227 |
| 559 | 909 | 910 | 1228 |
| 560 | 912 | 913 | 1229 |
| 561 | 915 | 916 | 1230 |
| 562 | 918 | 919 | 1231 |
| 563 | 921 | 922 | 1232 |
| 564 | 924 | 925 | 1233 |
| 565 | 927 | 928 | 1234 |
| 566 | 930 | 931 | 1235 |
| 567 | 933 | 934 | 1236 |
| 568 | 936 | 937 | 1237 |
| 569 | 939 | 940 | 1238 |
| 570 | 942 | 943 | 1239 |
| 571 | 945 | 946 | 1240 |
| 572 | 948 | 949 | 1241 |
| 573 | 951 | 952 | 1242 |
| 574 | 954 | 955 | 1243 |
| 575 | 957 | 958 | 1244 |
| 576 | 960 | 961 | 1245 |
| 577 | 963 | 964 | 1246 |
| 578 | 966 | 967 | 1247 |
| 579 | 969 | 970 | 1248 |
| 580 | 972 | 973 | 1249 |
| 581 | 975 | 976 | 1250 |
| 582 | 978 | 979 | 1251 |
| 583 | 981 | 982 | 1252 |
| 584 | 984 | 985 | 1253 |
| 585 | 987 | 988 | 1254 |
| 586 | 990 | 991 | 1255 |
| 587 | 993 | 994 | 1256 |
| 588 | 996 | 997 | 1257 |
| 589 | 999 | 1000 | 1258 |
| 590 | 1002 | 1003 | 1259 |
| 591 | 1005 | 1006 | 1260 |
| 592 | 1008 | 1009 | 1261 |
| 593 | 1011 | 1012 | 1262 |
| 594 | 1014 | 1015 | 1263 |
| 595 | 1017 | 1018 | 1264 |
| 596 | 1020 | 1021 | 1265 |
| 597 | 1023 | 1024 | 1266 |
| 598 | 1026 | 1027 | 1267 |
| 599 | 1029 | 1030 | 1268 |
| 600 | 1032 | 1033 | 1269 |
| 601 | 1035 | 1036 | 1270 |
| 602 | 1038 | 1039 | 1271 |
| 603 | 1041 | 1042 | 1272 |
| 604 | 1044 | 1045 | 1273 |
| 605 | 1047 | 1048 | 1274 |
| 606 | 1050 | 1051 | 1275 |
| 607 | 1053 | 1054 | 1276 |
| 608 | 1056 | 1057 | 1277 |
| 609 | 1059 | 1060 | 1278 |
| 610 | 1062 | 1063 | 1279 |
| 611 | 1065 | 1066 | 1280 |
| 612 | 1068 | 1069 | 1281 |
| 613 | 1071 | 1072 | 1282 |
| 614 | 1074 | 1075 | 1283 |
| 615 | 1077 | 1078 | 1284 |
| 616 | 1080 | 1081 | 1285 |
| 617 | 1083 | 1084 | 1286 |
| 618 | 1086 | 1087 | 1287 |
| 619 | 1089 | 1090 | 1288 |
| 620 | 1092 | 1093 | 1289 |
| 621 | 1095 | 1096 | 1290 |
| 622 | 1098 | 1099 | 1291 |
| 623 | 1101 | 1102 | 1292 |
| 624 | 1104 | 1105 | 1293 |
| 625 | 1107 | 1108 | 1294 |
| 626 | 1110 | 1111 | 1295 |
| 627 | 1113 | 1114 | 1296 |
| 628 | 1116 | 1117 | 1297 |
| 629 | 1119 | 1120 | 1298 |
| 630 | 1122 | 1123 | 1299 |
| 631 | 1125 | 1126 | 1300 |
| 632 | 1128 | 1129 | 1301 |
| 633 | 1131 | 1132 | 1302 |
| 634 | 1134 | 1135 | 1303 |
| 635 | 1137 | 1138 | 1304 |
| 636 | 1140 | 1141 | 1305 |
| 637 | 1143 | 1144 | 1306 |
| 638 | 1146 | 1147 | 1307 |
| 639 | 669 | 612 | 1308 |
| 640 | 672 | 615 | 1309 |
| 641 | 675 | 618 | 1310 |
| 642 | 678 | 621 | 1311 |

| | | | |
|-----|------|------|------|
| 643 | 681 | 624 | 1312 |
| 644 | 684 | 627 | 1313 |
| 645 | 687 | 630 | 1314 |
| 646 | 690 | 633 | 1315 |
| 647 | 693 | 636 | 1316 |
| 648 | 696 | 639 | 1317 |
| 649 | 699 | 642 | 1318 |
| 650 | 702 | 645 | 1319 |
| 651 | 705 | 648 | 1320 |
| 652 | 708 | 651 | 1321 |
| 653 | 609 | 1322 | 1323 |
| 654 | 654 | 1324 | 1325 |
| 655 | 657 | 1326 | 1327 |
| 656 | 727 | 1328 | 1329 |
| 657 | 730 | 1330 | 1331 |
| 658 | 733 | 1332 | 1333 |
| 659 | 736 | 1334 | 1335 |
| 660 | 739 | 1336 | 1337 |
| 661 | 742 | 1338 | 1339 |
| 662 | 745 | 1340 | 1341 |
| 663 | 748 | 1342 | 1343 |
| 664 | 751 | 1344 | 1345 |
| 665 | 754 | 1346 | 1347 |
| 666 | 757 | 1348 | 1349 |
| 667 | 760 | 1350 | 1351 |
| 668 | 763 | 1352 | 1353 |
| 669 | 766 | 1354 | 1355 |
| 670 | 769 | 1356 | 1357 |
| 671 | 772 | 1358 | 1359 |
| 672 | 775 | 1360 | 1361 |
| 673 | 778 | 1362 | 1363 |
| 674 | 799 | 1364 | 1365 |
| 675 | 802 | 1366 | 1367 |
| 676 | 805 | 1368 | 1369 |
| 677 | 808 | 1370 | 1371 |
| 678 | 811 | 1372 | 1373 |
| 679 | 814 | 1374 | 1375 |
| 680 | 817 | 1376 | 1377 |
| 681 | 820 | 1378 | 1379 |
| 682 | 823 | 1380 | 1381 |
| 683 | 826 | 1382 | 1383 |
| 684 | 829 | 1384 | 1385 |
| 685 | 832 | 1386 | 1387 |
| 686 | 835 | 1388 | 1389 |
| 687 | 838 | 1390 | 1391 |
| 688 | 841 | 1392 | 1393 |
| 689 | 844 | 1394 | 1395 |
| 690 | 847 | 1396 | 1397 |
| 691 | 850 | 1398 | 1399 |
| 692 | 853 | 1400 | 1401 |
| 693 | 856 | 1402 | 1403 |
| 694 | 859 | 1404 | 1405 |
| 695 | 862 | 1406 | 1407 |
| 696 | 865 | 1408 | 1409 |
| 697 | 868 | 1410 | 1411 |
| 698 | 871 | 1412 | 1413 |
| 699 | 874 | 1414 | 1415 |
| 700 | 877 | 1416 | 1417 |
| 701 | 880 | 1418 | 1419 |
| 702 | 883 | 1420 | 1421 |
| 703 | 886 | 1422 | 1423 |
| 704 | 889 | 1424 | 1425 |
| 705 | 892 | 1426 | 1427 |
| 706 | 895 | 1428 | 1429 |
| 707 | 898 | 1430 | 1431 |
| 708 | 901 | 1432 | 1433 |
| 709 | 904 | 1434 | 1435 |
| 710 | 907 | 1436 | 1437 |
| 711 | 910 | 1438 | 1439 |
| 712 | 913 | 1440 | 1441 |
| 713 | 916 | 1442 | 1443 |
| 714 | 919 | 1444 | 1445 |
| 715 | 922 | 1446 | 1447 |
| 716 | 925 | 1448 | 1449 |
| 717 | 928 | 1450 | 1451 |
| 718 | 931 | 1452 | 1453 |
| 719 | 934 | 1454 | 1455 |
| 720 | 937 | 1456 | 1457 |
| 721 | 940 | 1458 | 1459 |
| 722 | 943 | 1460 | 1461 |
| 723 | 946 | 1462 | 1463 |
| 724 | 949 | 1464 | 1465 |
| 725 | 952 | 1466 | 1467 |
| 726 | 955 | 1468 | 1469 |
| 727 | 958 | 1470 | 1471 |
| 728 | 961 | 1472 | 1473 |
| 729 | 964 | 1474 | 1475 |
| 730 | 967 | 1476 | 1477 |
| 731 | 970 | 1478 | 1479 |
| 732 | 973 | 1480 | 1481 |
| 733 | 976 | 1482 | 1483 |
| 734 | 979 | 1484 | 1485 |
| 735 | 982 | 1486 | 1487 |
| 736 | 985 | 1488 | 1489 |
| 737 | 988 | 1490 | 1491 |
| 738 | 991 | 1492 | 1493 |
| 739 | 994 | 1494 | 1495 |
| 740 | 997 | 1496 | 1497 |
| 741 | 1000 | 1498 | 1499 |
| 742 | 1003 | 1500 | 1501 |
| 743 | 1006 | 1502 | 1503 |
| 744 | 1009 | 1504 | 1505 |
| 745 | 1012 | 1506 | 1507 |
| 746 | 1015 | 1508 | 1509 |
| 747 | 1018 | 1510 | 1511 |

| | | | |
|-----|------|------|------|
| 748 | 1021 | 1512 | 1513 |
| 749 | 1024 | 1514 | 1515 |
| 750 | 1027 | 1516 | 1517 |
| 751 | 1030 | 1518 | 1519 |
| 752 | 1033 | 1520 | 1521 |
| 753 | 1036 | 1522 | 1523 |
| 754 | 1039 | 1524 | 1525 |
| 755 | 1042 | 1526 | 1527 |
| 756 | 1045 | 1528 | 1529 |
| 757 | 1048 | 1530 | 1531 |
| 758 | 1051 | 1532 | 1533 |
| 759 | 1054 | 1534 | 1535 |
| 760 | 1057 | 1536 | 1537 |
| 761 | 1060 | 1538 | 1539 |
| 762 | 1063 | 1540 | 1541 |
| 763 | 1066 | 1542 | 1543 |
| 764 | 1069 | 1544 | 1545 |
| 765 | 1072 | 1546 | 1547 |
| 766 | 1075 | 1548 | 1549 |
| 767 | 1078 | 1550 | 1551 |
| 768 | 1081 | 1552 | 1553 |
| 769 | 1084 | 1554 | 1555 |
| 770 | 1087 | 1556 | 1557 |
| 771 | 1090 | 1558 | 1559 |
| 772 | 1093 | 1560 | 1561 |
| 773 | 1096 | 1562 | 1563 |
| 774 | 1099 | 1564 | 1565 |
| 775 | 1102 | 1566 | 1567 |
| 776 | 1105 | 1568 | 1569 |
| 777 | 1108 | 1570 | 1571 |
| 778 | 1111 | 1572 | 1573 |
| 779 | 1114 | 1574 | 1575 |
| 780 | 1117 | 1576 | 1577 |
| 781 | 1120 | 1578 | 1579 |
| 782 | 1123 | 1580 | 1581 |
| 783 | 1126 | 1582 | 1583 |
| 784 | 1129 | 1584 | 1585 |
| 785 | 1132 | 1586 | 1587 |
| 786 | 1135 | 1588 | 1589 |
| 787 | 1138 | 1590 | 1591 |
| 788 | 1141 | 1592 | 1593 |
| 789 | 1144 | 1594 | 1595 |
| 790 | 1147 | 1596 | 1597 |
| 791 | 612 | 1598 | 1599 |
| 792 | 615 | 1600 | 1601 |
| 793 | 618 | 1602 | 1603 |
| 794 | 621 | 1604 | 1605 |
| 795 | 624 | 1606 | 1607 |
| 796 | 627 | 1608 | 1609 |
| 797 | 630 | 1610 | 1611 |
| 798 | 633 | 1612 | 1613 |
| 799 | 636 | 1614 | 1615 |
| 800 | 639 | 1616 | 1617 |
| 801 | 642 | 1618 | 1619 |
| 802 | 645 | 1620 | 1621 |
| 803 | 648 | 1622 | 1623 |
| 804 | 651 | 1624 | 1625 |
| 805 | 1626 | 1627 | 1628 |
| 806 | 1629 | 1630 | 1631 |
| 807 | 1632 | 1633 | 1634 |
| 808 | 1635 | 1636 | 1637 |
| 809 | 666 | 1638 | 1639 |
| 810 | 711 | 1640 | 1641 |
| 811 | 714 | 1642 | 1643 |
| 812 | 726 | 1644 | 1645 |
| 813 | 729 | 1646 | 1647 |
| 814 | 732 | 1648 | 1649 |
| 815 | 735 | 1650 | 1651 |
| 816 | 738 | 1652 | 1653 |
| 817 | 741 | 1654 | 1655 |
| 818 | 744 | 1656 | 1657 |
| 819 | 747 | 1658 | 1659 |
| 820 | 750 | 1660 | 1661 |
| 821 | 753 | 1662 | 1663 |
| 822 | 756 | 1664 | 1665 |
| 823 | 759 | 1666 | 1667 |
| 824 | 762 | 1668 | 1669 |
| 825 | 765 | 1670 | 1671 |
| 826 | 768 | 1672 | 1673 |
| 827 | 771 | 1674 | 1675 |
| 828 | 774 | 1676 | 1677 |
| 829 | 777 | 1678 | 1679 |
| 830 | 798 | 1680 | 1681 |
| 831 | 801 | 1682 | 1683 |
| 832 | 804 | 1684 | 1685 |
| 833 | 807 | 1686 | 1687 |
| 834 | 810 | 1688 | 1689 |
| 835 | 813 | 1690 | 1691 |
| 836 | 816 | 1692 | 1693 |
| 837 | 819 | 1694 | 1695 |
| 838 | 822 | 1696 | 1697 |
| 839 | 825 | 1698 | 1699 |
| 840 | 828 | 1700 | 1701 |
| 841 | 831 | 1702 | 1703 |
| 842 | 834 | 1704 | 1705 |
| 843 | 837 | 1706 | 1707 |
| 844 | 840 | 1708 | 1709 |
| 845 | 843 | 1710 | 1711 |
| 846 | 846 | 1712 | 1713 |
| 847 | 849 | 1714 | 1715 |
| 848 | 852 | 1716 | 1717 |
| 849 | 855 | 1718 | 1719 |
| 850 | 858 | 1720 | 1721 |
| 851 | 861 | 1722 | 1723 |
| 852 | 864 | 1724 | 1725 |

| | | | |
|-----|------|------|------|
| 853 | 867 | 1726 | 1727 |
| 854 | 870 | 1728 | 1729 |
| 855 | 873 | 1730 | 1731 |
| 856 | 876 | 1732 | 1733 |
| 857 | 879 | 1734 | 1735 |
| 858 | 882 | 1736 | 1737 |
| 859 | 885 | 1738 | 1739 |
| 860 | 888 | 1740 | 1741 |
| 861 | 891 | 1742 | 1743 |
| 862 | 894 | 1744 | 1745 |
| 863 | 897 | 1746 | 1747 |
| 864 | 900 | 1748 | 1749 |
| 865 | 903 | 1750 | 1751 |
| 866 | 906 | 1752 | 1753 |
| 867 | 909 | 1754 | 1755 |
| 868 | 912 | 1756 | 1757 |
| 869 | 915 | 1758 | 1759 |
| 870 | 918 | 1760 | 1761 |
| 871 | 921 | 1762 | 1763 |
| 872 | 924 | 1764 | 1765 |
| 873 | 927 | 1766 | 1767 |
| 874 | 930 | 1768 | 1769 |
| 875 | 933 | 1770 | 1771 |
| 876 | 936 | 1772 | 1773 |
| 877 | 939 | 1774 | 1775 |
| 878 | 942 | 1776 | 1777 |
| 879 | 945 | 1778 | 1779 |
| 880 | 948 | 1780 | 1781 |
| 881 | 951 | 1782 | 1783 |
| 882 | 954 | 1784 | 1785 |
| 883 | 957 | 1786 | 1787 |
| 884 | 960 | 1788 | 1789 |
| 885 | 963 | 1790 | 1791 |
| 886 | 966 | 1792 | 1793 |
| 887 | 969 | 1794 | 1795 |
| 888 | 972 | 1796 | 1797 |
| 889 | 975 | 1798 | 1799 |
| 890 | 978 | 1800 | 1801 |
| 891 | 981 | 1802 | 1803 |
| 892 | 984 | 1804 | 1805 |
| 893 | 987 | 1806 | 1807 |
| 894 | 990 | 1808 | 1809 |
| 895 | 993 | 1810 | 1811 |
| 896 | 996 | 1812 | 1813 |
| 897 | 999 | 1814 | 1815 |
| 898 | 1002 | 1816 | 1817 |
| 899 | 1005 | 1818 | 1819 |
| 900 | 1008 | 1820 | 1821 |
| 901 | 1011 | 1822 | 1823 |
| 902 | 1014 | 1824 | 1825 |
| 903 | 1017 | 1826 | 1827 |
| 904 | 1020 | 1828 | 1829 |
| 905 | 1023 | 1830 | 1831 |
| 906 | 1026 | 1832 | 1833 |
| 907 | 1029 | 1834 | 1835 |
| 908 | 1032 | 1836 | 1837 |
| 909 | 1035 | 1838 | 1839 |
| 910 | 1038 | 1840 | 1841 |
| 911 | 1041 | 1842 | 1843 |
| 912 | 1044 | 1844 | 1845 |
| 913 | 1047 | 1846 | 1847 |
| 914 | 1050 | 1848 | 1849 |
| 915 | 1053 | 1850 | 1851 |
| 916 | 1056 | 1852 | 1853 |
| 917 | 1059 | 1854 | 1855 |
| 918 | 1062 | 1856 | 1857 |
| 919 | 1065 | 1858 | 1859 |
| 920 | 1068 | 1860 | 1861 |
| 921 | 1071 | 1862 | 1863 |
| 922 | 1074 | 1864 | 1865 |
| 923 | 1077 | 1866 | 1867 |
| 924 | 1080 | 1868 | 1869 |
| 925 | 1083 | 1870 | 1871 |
| 926 | 1086 | 1872 | 1873 |
| 927 | 1089 | 1874 | 1875 |
| 928 | 1092 | 1876 | 1877 |
| 929 | 1095 | 1878 | 1879 |
| 930 | 1098 | 1880 | 1881 |
| 931 | 1101 | 1882 | 1883 |
| 932 | 1104 | 1884 | 1885 |
| 933 | 1107 | 1886 | 1887 |
| 934 | 1110 | 1888 | 1889 |
| 935 | 1113 | 1890 | 1891 |
| 936 | 1116 | 1892 | 1893 |
| 937 | 1119 | 1894 | 1895 |
| 938 | 1122 | 1896 | 1897 |
| 939 | 1125 | 1898 | 1899 |
| 940 | 1128 | 1900 | 1901 |
| 941 | 1131 | 1902 | 1903 |
| 942 | 1134 | 1904 | 1905 |
| 943 | 1137 | 1906 | 1907 |
| 944 | 1140 | 1908 | 1909 |
| 945 | 1143 | 1910 | 1911 |
| 946 | 1146 | 1912 | 1913 |
| 947 | 669 | 1914 | 1915 |
| 948 | 672 | 1916 | 1917 |
| 949 | 675 | 1918 | 1919 |
| 950 | 678 | 1920 | 1921 |
| 951 | 681 | 1922 | 1923 |
| 952 | 684 | 1924 | 1925 |
| 953 | 687 | 1926 | 1927 |
| 954 | 690 | 1928 | 1929 |
| 955 | 693 | 1930 | 1931 |
| 956 | 696 | 1932 | 1933 |
| 957 | 699 | 1934 | 1935 |

| | | | |
|------|------|------|------|
| 958 | 702 | 1936 | 1937 |
| 959 | 705 | 1938 | 1939 |
| 960 | 708 | 1940 | 1941 |
| 961 | 1942 | 1943 | 1944 |
| 962 | 1945 | 1946 | 1947 |
| 963 | 1948 | 1949 | 1950 |
| 964 | 1951 | 1952 | 1953 |
| 965 | 717 | 1954 | 1955 |
| 966 | 780 | 1956 | 1957 |
| 967 | 783 | 1958 | 1959 |
| 968 | 724 | 663 | 1960 |
| 969 | 786 | 1961 | 1962 |
| 970 | 789 | 1963 | 1964 |
| 971 | 792 | 1965 | 1966 |
| 972 | 795 | 1967 | 1968 |
| 973 | 724 | 1969 | 1970 |
| 974 | 660 | 1971 | 1972 |
| 975 | 781 | 1973 | 1974 |
| 976 | 784 | 1975 | 1976 |
| 977 | 787 | 1977 | 1978 |
| 978 | 790 | 1979 | 1980 |
| 979 | 793 | 1981 | 1982 |
| 980 | 796 | 1983 | 1984 |
| 981 | 663 | 1985 | 1986 |
| 982 | 1987 | 796 | 1988 |
| 983 | 796 | 663 | 1989 |
| 984 | 1990 | 790 | 1991 |
| 985 | 793 | 1987 | 1992 |
| 986 | 790 | 793 | 1993 |
| 987 | 1994 | 784 | 1995 |
| 988 | 787 | 1990 | 1996 |
| 989 | 784 | 787 | 1997 |
| 990 | 660 | 781 | 1998 |
| 991 | 781 | 1994 | 1999 |
| 992 | 2000 | 1147 | 2001 |
| 993 | 1147 | 660 | 2002 |
| 994 | 2003 | 1141 | 2004 |
| 995 | 1144 | 2000 | 2005 |
| 996 | 1141 | 1144 | 2006 |
| 997 | 2007 | 1132 | 2008 |
| 998 | 1138 | 2003 | 2009 |
| 999 | 1135 | 1138 | 2010 |
| 1000 | 1132 | 1135 | 2011 |
| 1001 | 2012 | 1126 | 2013 |
| 1002 | 1129 | 2007 | 2014 |
| 1003 | 1126 | 1129 | 2015 |
| 1004 | 657 | 1123 | 2016 |
| 1005 | 1123 | 2012 | 2017 |
| 1006 | 2018 | 1120 | 2019 |
| 1007 | 1120 | 657 | 2020 |
| 1008 | 2021 | 1114 | 2022 |
| 1009 | 1117 | 2018 | 2023 |
| 1010 | 1114 | 1117 | 2024 |
| 1011 | 2025 | 1105 | 2026 |
| 1012 | 1111 | 2021 | 2027 |
| 1013 | 1108 | 1111 | 2028 |
| 1014 | 1105 | 1108 | 2029 |
| 1015 | 2030 | 1099 | 2031 |
| 1016 | 1102 | 2025 | 2032 |
| 1017 | 1099 | 1102 | 2033 |
| 1018 | 654 | 1096 | 2034 |
| 1019 | 1096 | 2030 | 2035 |
| 1020 | 2036 | 1093 | 2037 |
| 1021 | 1093 | 654 | 2038 |
| 1022 | 2039 | 1087 | 2040 |
| 1023 | 1090 | 2036 | 2041 |
| 1024 | 1087 | 1090 | 2042 |
| 1025 | 2043 | 1078 | 2044 |
| 1026 | 1084 | 2039 | 2045 |
| 1027 | 1081 | 1084 | 2046 |
| 1028 | 1078 | 1081 | 2047 |
| 1029 | 2048 | 1072 | 2049 |
| 1030 | 1075 | 2043 | 2050 |
| 1031 | 1072 | 1075 | 2051 |
| 1032 | 651 | 1069 | 2052 |
| 1033 | 1069 | 2048 | 2053 |
| 1034 | 2054 | 1066 | 2055 |
| 1035 | 1066 | 651 | 2056 |
| 1036 | 2057 | 1060 | 2058 |
| 1037 | 1063 | 2054 | 2059 |
| 1038 | 1060 | 1063 | 2060 |
| 1039 | 2061 | 1051 | 2062 |
| 1040 | 1057 | 2057 | 2063 |
| 1041 | 1054 | 1057 | 2064 |
| 1042 | 1051 | 1054 | 2065 |
| 1043 | 2066 | 1045 | 2067 |
| 1044 | 1048 | 2061 | 2068 |
| 1045 | 1045 | 1048 | 2069 |
| 1046 | 648 | 1042 | 2070 |
| 1047 | 1042 | 2066 | 2071 |
| 1048 | 2072 | 1039 | 2073 |
| 1049 | 1039 | 648 | 2074 |
| 1050 | 2075 | 1033 | 2076 |
| 1051 | 1036 | 2072 | 2077 |
| 1052 | 1033 | 1036 | 2078 |
| 1053 | 2079 | 1024 | 2080 |
| 1054 | 1030 | 2075 | 2081 |
| 1055 | 1027 | 1030 | 2082 |
| 1056 | 1024 | 1027 | 2083 |
| 1057 | 2084 | 1018 | 2085 |
| 1058 | 1021 | 2079 | 2086 |
| 1059 | 1018 | 1021 | 2087 |
| 1060 | 645 | 1015 | 2088 |
| 1061 | 1015 | 2084 | 2089 |
| 1062 | 2090 | 1012 | 2091 |

| | | | |
|------|------|------|------|
| 1063 | 1012 | 645 | 2092 |
| 1064 | 2093 | 1006 | 2094 |
| 1065 | 1009 | 2090 | 2095 |
| 1066 | 1006 | 1009 | 2096 |
| 1067 | 2097 | 997 | 2098 |
| 1068 | 1003 | 2093 | 2099 |
| 1069 | 1000 | 1003 | 2100 |
| 1070 | 997 | 1000 | 2101 |
| 1071 | 2102 | 991 | 2103 |
| 1072 | 994 | 2097 | 2104 |
| 1073 | 991 | 994 | 2105 |
| 1074 | 642 | 988 | 2106 |
| 1075 | 988 | 2102 | 2107 |
| 1076 | 2108 | 985 | 2109 |
| 1077 | 985 | 642 | 2110 |
| 1078 | 2111 | 979 | 2112 |
| 1079 | 982 | 2108 | 2113 |
| 1080 | 979 | 982 | 2114 |
| 1081 | 2115 | 970 | 2116 |
| 1082 | 976 | 2111 | 2117 |
| 1083 | 973 | 976 | 2118 |
| 1084 | 970 | 973 | 2119 |
| 1085 | 2120 | 964 | 2121 |
| 1086 | 967 | 2115 | 2122 |
| 1087 | 964 | 967 | 2123 |
| 1088 | 639 | 961 | 2124 |
| 1089 | 961 | 2120 | 2125 |
| 1090 | 2126 | 778 | 2127 |
| 1091 | 778 | 639 | 2128 |
| 1092 | 2129 | 772 | 2130 |
| 1093 | 775 | 2126 | 2131 |
| 1094 | 772 | 775 | 2132 |
| 1095 | 2133 | 766 | 2134 |
| 1096 | 769 | 2129 | 2135 |
| 1097 | 766 | 769 | 2136 |
| 1098 | 636 | 763 | 2137 |
| 1099 | 763 | 2133 | 2138 |
| 1100 | 2139 | 760 | 2140 |
| 1101 | 760 | 633 | 2141 |
| 1102 | 2142 | 754 | 2143 |
| 1103 | 757 | 2139 | 2144 |
| 1104 | 754 | 757 | 2145 |
| 1105 | 2146 | 748 | 2147 |
| 1106 | 751 | 2142 | 2148 |
| 1107 | 748 | 751 | 2149 |
| 1108 | 630 | 745 | 2150 |
| 1109 | 745 | 2146 | 2151 |
| 1110 | 2152 | 958 | 2153 |
| 1111 | 958 | 630 | 2154 |
| 1112 | 2155 | 952 | 2156 |
| 1113 | 955 | 2152 | 2157 |
| 1114 | 952 | 955 | 2158 |
| 1115 | 2159 | 943 | 2160 |
| 1116 | 949 | 2155 | 2161 |
| 1117 | 946 | 949 | 2162 |
| 1118 | 943 | 946 | 2163 |
| 1119 | 2164 | 937 | 2165 |
| 1120 | 940 | 2159 | 2166 |
| 1121 | 937 | 940 | 2167 |
| 1122 | 627 | 934 | 2168 |
| 1123 | 934 | 2164 | 2169 |
| 1124 | 2170 | 931 | 2171 |
| 1125 | 931 | 627 | 2172 |
| 1126 | 2173 | 925 | 2174 |
| 1127 | 928 | 2170 | 2175 |
| 1128 | 925 | 928 | 2176 |
| 1129 | 2177 | 916 | 2178 |
| 1130 | 922 | 2173 | 2179 |
| 1131 | 919 | 922 | 2180 |
| 1132 | 916 | 919 | 2181 |
| 1133 | 2182 | 910 | 2183 |
| 1134 | 913 | 2177 | 2184 |
| 1135 | 910 | 913 | 2185 |
| 1136 | 624 | 907 | 2186 |
| 1137 | 907 | 2182 | 2187 |
| 1138 | 2188 | 904 | 2189 |
| 1139 | 904 | 624 | 2190 |
| 1140 | 2191 | 898 | 2192 |
| 1141 | 901 | 2188 | 2193 |
| 1142 | 898 | 901 | 2194 |
| 1143 | 2195 | 889 | 2196 |
| 1144 | 895 | 2191 | 2197 |
| 1145 | 892 | 895 | 2198 |
| 1146 | 889 | 892 | 2199 |
| 1147 | 2200 | 883 | 2201 |
| 1148 | 886 | 2195 | 2202 |
| 1149 | 883 | 886 | 2203 |
| 1150 | 621 | 880 | 2204 |
| 1151 | 880 | 2200 | 2205 |
| 1152 | 2206 | 877 | 2207 |
| 1153 | 877 | 621 | 2208 |
| 1154 | 2209 | 871 | 2210 |
| 1155 | 874 | 2206 | 2211 |
| 1156 | 871 | 874 | 2212 |
| 1157 | 2213 | 862 | 2214 |
| 1158 | 868 | 2209 | 2215 |
| 1159 | 865 | 868 | 2216 |
| 1160 | 862 | 865 | 2217 |
| 1161 | 2218 | 856 | 2219 |
| 1162 | 859 | 2213 | 2220 |
| 1163 | 856 | 859 | 2221 |
| 1164 | 618 | 853 | 2222 |
| 1165 | 853 | 2218 | 2223 |
| 1166 | 2224 | 850 | 2225 |
| 1167 | 850 | 618 | 2226 |

| | | | |
|------|------|------|------|
| 1168 | 2227 | 844 | 2228 |
| 1169 | 847 | 2224 | 2229 |
| 1170 | 844 | 847 | 2230 |
| 1171 | 2231 | 835 | 2232 |
| 1172 | 841 | 2227 | 2233 |
| 1173 | 838 | 841 | 2234 |
| 1174 | 835 | 838 | 2235 |
| 1175 | 2236 | 829 | 2237 |
| 1176 | 832 | 2231 | 2238 |
| 1177 | 829 | 832 | 2239 |
| 1178 | 615 | 826 | 2240 |
| 1179 | 826 | 2236 | 2241 |
| 1180 | 2242 | 823 | 2243 |
| 1181 | 823 | 615 | 2244 |
| 1182 | 2245 | 817 | 2246 |
| 1183 | 820 | 2242 | 2247 |
| 1184 | 817 | 820 | 2248 |
| 1185 | 2249 | 808 | 2250 |
| 1186 | 814 | 2245 | 2251 |
| 1187 | 811 | 814 | 2252 |
| 1188 | 808 | 811 | 2253 |
| 1189 | 2254 | 802 | 2255 |
| 1190 | 805 | 2249 | 2256 |
| 1191 | 802 | 805 | 2257 |
| 1192 | 612 | 799 | 2258 |
| 1193 | 799 | 2254 | 2259 |
| 1194 | 2260 | 742 | 2261 |
| 1195 | 742 | 612 | 2262 |
| 1196 | 2263 | 736 | 2264 |
| 1197 | 739 | 2260 | 2265 |
| 1198 | 736 | 739 | 2266 |
| 1199 | 2267 | 730 | 2268 |
| 1200 | 733 | 2263 | 2269 |
| 1201 | 730 | 733 | 2270 |
| 1202 | 609 | 727 | 2271 |
| 1203 | 727 | 2267 | 2272 |
| 1204 | 1632 | 609 | 2273 |
| 1205 | 633 | 1626 | 2274 |
| 1206 | 1629 | 636 | 2275 |
| 1207 | 663 | 1635 | 2276 |
| 1208 | 2277 | 795 | 2278 |
| 1209 | 795 | 724 | 2279 |
| 1210 | 2280 | 789 | 2281 |
| 1211 | 792 | 2277 | 2282 |
| 1212 | 789 | 792 | 2283 |
| 1213 | 2284 | 783 | 2285 |
| 1214 | 786 | 2280 | 2286 |
| 1215 | 783 | 786 | 2287 |
| 1216 | 717 | 780 | 2288 |
| 1217 | 780 | 2284 | 2289 |
| 1218 | 2290 | 1146 | 2291 |
| 1219 | 1146 | 717 | 2292 |
| 1220 | 2293 | 1140 | 2294 |
| 1221 | 1143 | 2290 | 2295 |
| 1222 | 1140 | 1143 | 2296 |
| 1223 | 2297 | 1131 | 2298 |
| 1224 | 1137 | 2293 | 2299 |
| 1225 | 1134 | 1137 | 2300 |
| 1226 | 1131 | 1134 | 2301 |
| 1227 | 2302 | 1125 | 2303 |
| 1228 | 1128 | 2297 | 2304 |
| 1229 | 1125 | 1128 | 2305 |
| 1230 | 714 | 1122 | 2306 |
| 1231 | 1122 | 2302 | 2307 |
| 1232 | 2308 | 1119 | 2309 |
| 1233 | 1119 | 714 | 2310 |
| 1234 | 2311 | 1113 | 2312 |
| 1235 | 1116 | 2308 | 2313 |
| 1236 | 1113 | 1116 | 2314 |
| 1237 | 2315 | 1104 | 2316 |
| 1238 | 1110 | 2311 | 2317 |
| 1239 | 1107 | 1110 | 2318 |
| 1240 | 1104 | 1107 | 2319 |
| 1241 | 2320 | 1098 | 2321 |
| 1242 | 1101 | 2315 | 2322 |
| 1243 | 1098 | 1101 | 2323 |
| 1244 | 711 | 1095 | 2324 |
| 1245 | 1095 | 2320 | 2325 |
| 1246 | 2326 | 1092 | 2327 |
| 1247 | 1092 | 711 | 2328 |
| 1248 | 2329 | 1086 | 2330 |
| 1249 | 1089 | 2326 | 2331 |
| 1250 | 1086 | 1089 | 2332 |
| 1251 | 2333 | 1077 | 2334 |
| 1252 | 1083 | 2329 | 2335 |
| 1253 | 1080 | 1083 | 2336 |
| 1254 | 1077 | 1080 | 2337 |
| 1255 | 2338 | 1071 | 2339 |
| 1256 | 1074 | 2333 | 2340 |
| 1257 | 1071 | 1074 | 2341 |
| 1258 | 708 | 1068 | 2342 |
| 1259 | 1068 | 2338 | 2343 |
| 1260 | 2344 | 1065 | 2345 |
| 1261 | 1065 | 708 | 2346 |
| 1262 | 2347 | 1059 | 2348 |
| 1263 | 1062 | 2344 | 2349 |
| 1264 | 1059 | 1062 | 2350 |
| 1265 | 2351 | 1050 | 2352 |
| 1266 | 1056 | 2347 | 2353 |
| 1267 | 1053 | 1056 | 2354 |
| 1268 | 1050 | 1053 | 2355 |
| 1269 | 2356 | 1044 | 2357 |
| 1270 | 1047 | 2351 | 2358 |
| 1271 | 1044 | 1047 | 2359 |
| 1272 | 705 | 1041 | 2360 |

| | | | |
|------|------|------|------|
| 1273 | 1041 | 2356 | 2361 |
| 1274 | 2362 | 1038 | 2363 |
| 1275 | 1038 | 705 | 2364 |
| 1276 | 2365 | 1032 | 2366 |
| 1277 | 1035 | 2362 | 2367 |
| 1278 | 1032 | 1035 | 2368 |
| 1279 | 2369 | 1023 | 2370 |
| 1280 | 1029 | 2365 | 2371 |
| 1281 | 1026 | 1029 | 2372 |
| 1282 | 1023 | 1026 | 2373 |
| 1283 | 2374 | 1017 | 2375 |
| 1284 | 1020 | 2369 | 2376 |
| 1285 | 1017 | 1020 | 2377 |
| 1286 | 702 | 1014 | 2378 |
| 1287 | 1014 | 2374 | 2379 |
| 1288 | 2380 | 1011 | 2381 |
| 1289 | 1011 | 702 | 2382 |
| 1290 | 2383 | 1005 | 2384 |
| 1291 | 1008 | 2380 | 2385 |
| 1292 | 1005 | 1008 | 2386 |
| 1293 | 2387 | 996 | 2388 |
| 1294 | 1002 | 2383 | 2389 |
| 1295 | 999 | 1002 | 2390 |
| 1296 | 996 | 999 | 2391 |
| 1297 | 2392 | 990 | 2393 |
| 1298 | 993 | 2387 | 2394 |
| 1299 | 990 | 993 | 2395 |
| 1300 | 699 | 987 | 2396 |
| 1301 | 987 | 2392 | 2397 |
| 1302 | 2398 | 984 | 2399 |
| 1303 | 984 | 699 | 2400 |
| 1304 | 2401 | 978 | 2402 |
| 1305 | 981 | 2398 | 2403 |
| 1306 | 978 | 981 | 2404 |
| 1307 | 2405 | 969 | 2406 |
| 1308 | 975 | 2401 | 2407 |
| 1309 | 972 | 975 | 2408 |
| 1310 | 969 | 972 | 2409 |
| 1311 | 2410 | 963 | 2411 |
| 1312 | 966 | 2405 | 2412 |
| 1313 | 963 | 966 | 2413 |
| 1314 | 696 | 960 | 2414 |
| 1315 | 960 | 2410 | 2415 |
| 1316 | 2416 | 777 | 2417 |
| 1317 | 777 | 696 | 2418 |
| 1318 | 2419 | 771 | 2420 |
| 1319 | 774 | 2416 | 2421 |
| 1320 | 771 | 774 | 2422 |
| 1321 | 2423 | 765 | 2424 |
| 1322 | 768 | 2419 | 2425 |
| 1323 | 765 | 768 | 2426 |
| 1324 | 693 | 762 | 2427 |
| 1325 | 762 | 2423 | 2428 |
| 1326 | 2429 | 759 | 2430 |
| 1327 | 759 | 690 | 2431 |
| 1328 | 2432 | 753 | 2433 |
| 1329 | 756 | 2429 | 2434 |
| 1330 | 753 | 756 | 2435 |
| 1331 | 2436 | 747 | 2437 |
| 1332 | 750 | 2432 | 2438 |
| 1333 | 747 | 750 | 2439 |
| 1334 | 687 | 744 | 2440 |
| 1335 | 744 | 2436 | 2441 |
| 1336 | 2442 | 957 | 2443 |
| 1337 | 957 | 687 | 2444 |
| 1338 | 2445 | 951 | 2446 |
| 1339 | 954 | 2442 | 2447 |
| 1340 | 951 | 954 | 2448 |
| 1341 | 2449 | 942 | 2450 |
| 1342 | 948 | 2445 | 2451 |
| 1343 | 945 | 948 | 2452 |
| 1344 | 942 | 945 | 2453 |
| 1345 | 2454 | 936 | 2455 |
| 1346 | 939 | 2449 | 2456 |
| 1347 | 936 | 939 | 2457 |
| 1348 | 684 | 933 | 2458 |
| 1349 | 933 | 2454 | 2459 |
| 1350 | 2460 | 930 | 2461 |
| 1351 | 930 | 684 | 2462 |
| 1352 | 2463 | 924 | 2464 |
| 1353 | 927 | 2460 | 2465 |
| 1354 | 924 | 927 | 2466 |
| 1355 | 2467 | 915 | 2468 |
| 1356 | 921 | 2463 | 2469 |
| 1357 | 918 | 921 | 2470 |
| 1358 | 915 | 918 | 2471 |
| 1359 | 2472 | 909 | 2473 |
| 1360 | 912 | 2467 | 2474 |
| 1361 | 909 | 912 | 2475 |
| 1362 | 681 | 906 | 2476 |
| 1363 | 906 | 2472 | 2477 |
| 1364 | 2478 | 903 | 2479 |
| 1365 | 903 | 681 | 2480 |
| 1366 | 2481 | 897 | 2482 |
| 1367 | 900 | 2478 | 2483 |
| 1368 | 897 | 900 | 2484 |
| 1369 | 2485 | 888 | 2486 |
| 1370 | 894 | 2481 | 2487 |
| 1371 | 891 | 894 | 2488 |
| 1372 | 888 | 891 | 2489 |
| 1373 | 2490 | 882 | 2491 |
| 1374 | 885 | 2485 | 2492 |
| 1375 | 882 | 885 | 2493 |
| 1376 | 678 | 879 | 2494 |
| 1377 | 879 | 2490 | 2495 |

| | | | |
|------|------|------|------|
| 1378 | 2496 | 876 | 2497 |
| 1379 | 876 | 678 | 2498 |
| 1380 | 2499 | 870 | 2500 |
| 1381 | 873 | 2496 | 2501 |
| 1382 | 870 | 873 | 2502 |
| 1383 | 2503 | 861 | 2504 |
| 1384 | 867 | 2499 | 2505 |
| 1385 | 864 | 867 | 2506 |
| 1386 | 861 | 864 | 2507 |
| 1387 | 2508 | 855 | 2509 |
| 1388 | 858 | 2503 | 2510 |
| 1389 | 855 | 858 | 2511 |
| 1390 | 675 | 852 | 2512 |
| 1391 | 852 | 2508 | 2513 |
| 1392 | 2514 | 849 | 2515 |
| 1393 | 849 | 675 | 2516 |
| 1394 | 2517 | 843 | 2518 |
| 1395 | 846 | 2514 | 2519 |
| 1396 | 843 | 846 | 2520 |
| 1397 | 2521 | 834 | 2522 |
| 1398 | 840 | 2517 | 2523 |
| 1399 | 837 | 840 | 2524 |
| 1400 | 834 | 837 | 2525 |
| 1401 | 2526 | 828 | 2527 |
| 1402 | 831 | 2521 | 2528 |
| 1403 | 828 | 831 | 2529 |
| 1404 | 672 | 825 | 2530 |
| 1405 | 825 | 2526 | 2531 |
| 1406 | 2532 | 822 | 2533 |
| 1407 | 822 | 672 | 2534 |
| 1408 | 2535 | 816 | 2536 |
| 1409 | 819 | 2532 | 2537 |
| 1410 | 816 | 819 | 2538 |
| 1411 | 2539 | 807 | 2540 |
| 1412 | 813 | 2535 | 2541 |
| 1413 | 810 | 813 | 2542 |
| 1414 | 807 | 810 | 2543 |
| 1415 | 2544 | 801 | 2545 |
| 1416 | 804 | 2539 | 2546 |
| 1417 | 801 | 804 | 2547 |
| 1418 | 669 | 798 | 2548 |
| 1419 | 798 | 2544 | 2549 |
| 1420 | 2550 | 741 | 2551 |
| 1421 | 741 | 669 | 2552 |
| 1422 | 2553 | 735 | 2554 |
| 1423 | 738 | 2550 | 2555 |
| 1424 | 735 | 738 | 2556 |
| 1425 | 2557 | 729 | 2558 |
| 1426 | 732 | 2553 | 2559 |
| 1427 | 729 | 732 | 2560 |
| 1428 | 666 | 726 | 2561 |
| 1429 | 726 | 2557 | 2562 |
| 1430 | 1948 | 666 | 2563 |
| 1431 | 690 | 1942 | 2564 |
| 1432 | 1945 | 693 | 2565 |
| 1433 | 724 | 1951 | 2566 |
| 1434 | 1948 | 2567 | 2568 |
| 1435 | 2567 | 1632 | 2569 |
| 1436 | 1942 | 2570 | 2571 |
| 1437 | 2570 | 1626 | 2572 |
| 1438 | 1945 | 2573 | 2574 |
| 1439 | 2573 | 1629 | 2575 |
| 1440 | 1951 | 2576 | 2577 |
| 1441 | 2576 | 1635 | 2578 |
| 1442 | 2579 | 724 | 2580 |

TOTAL NUMBER OF ELEMENTS = 1507
LARGEST ELEMENT NUMBER = 1507
LARGEST NODE NUMBER = 2742

DEFAULT SOLVER CHOSEN

NODE COORDINATES

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | -325.777 | 2.12500 | -2.50000 |
| 2 | -325.777 | 2.12500 | -3.00000 |
| 3 | -325.777 | 3.12500 | -2.50000 |
| 4 | -325.777 | 9.12500 | -2.50000 |
| 5 | -325.777 | 9.12500 | -3.00000 |
| 6 | -325.777 | 10.1250 | -2.50000 |
| 7 | -325.777 | 2.12500 | -4.25000 |
| 8 | -325.777 | 3.12500 | -3.00000 |
| 9 | -325.777 | 9.12500 | -4.25000 |
| 10 | -325.777 | 10.1250 | -3.00000 |
| 11 | -325.777 | 5.62500 | -4.25000 |
| 12 | -326.944 | 2.12500 | -4.25000 |
| 13 | -326.944 | 5.62500 | -4.25000 |
| 14 | -325.777 | 10.2050 | -4.25000 |
| 15 | -326.777 | 9.12500 | -4.25000 |
| 16 | -325.777 | 1.04500 | -4.25000 |
| 17 | -326.777 | 1.04500 | -4.25000 |
| 18 | -325.777 | 5.62500 | -5.50000 |
| 19 | -325.777 | 6.62500 | -4.25000 |
| 20 | -325.777 | 5.62500 | -7.00000 |
| 21 | -325.777 | 5.62500 | -5.68750 |

| | | | |
|-----|----------|---------|----------|
| 22 | -325.777 | 5.62500 | -5.87500 |
| 23 | -325.777 | 5.62500 | -6.06250 |
| 24 | -325.777 | 5.62500 | -6.25000 |
| 25 | -325.777 | 5.62500 | -6.43750 |
| 26 | -325.777 | 5.62500 | -6.62500 |
| 27 | -325.777 | 5.62500 | -6.81250 |
| 28 | -325.777 | 6.62500 | -5.50000 |
| 29 | -325.777 | 6.62500 | -5.68750 |
| 30 | -325.777 | 6.62500 | -5.87500 |
| 31 | -325.777 | 6.62500 | -6.06250 |
| 32 | -325.777 | 6.62500 | -6.25000 |
| 33 | -325.777 | 6.62500 | -6.43750 |
| 34 | -325.777 | 6.62500 | -6.62500 |
| 35 | -325.777 | 6.62500 | -6.81250 |
| 36 | -277.187 | 2.12500 | -3.00000 |
| 37 | -277.187 | 2.12500 | -4.25000 |
| 38 | -277.187 | 3.12500 | -3.00000 |
| 39 | -277.187 | 9.12500 | -3.00000 |
| 40 | -277.187 | 9.12500 | -4.25000 |
| 41 | -277.187 | 10.1250 | -3.00000 |
| 42 | -277.187 | 5.62500 | -4.25000 |
| 43 | -278.354 | 2.12500 | -4.25000 |
| 44 | -278.354 | 5.62500 | -4.25000 |
| 45 | -277.187 | 10.2050 | -4.25000 |
| 46 | -278.187 | 9.12500 | -4.25000 |
| 47 | -277.187 | 1.04500 | -4.25000 |
| 48 | -278.187 | 1.04500 | -4.25000 |
| 49 | -277.187 | 5.62500 | -5.50000 |
| 50 | -277.187 | 6.62500 | -4.25000 |
| 51 | -277.187 | 5.62500 | -7.50000 |
| 52 | -277.187 | 5.62500 | -5.75000 |
| 53 | -277.187 | 5.62500 | -6.00000 |
| 54 | -277.187 | 5.62500 | -6.25000 |
| 55 | -277.187 | 5.62500 | -6.50000 |
| 56 | -277.187 | 5.62500 | -6.75000 |
| 57 | -277.187 | 5.62500 | -7.00000 |
| 58 | -277.187 | 5.62500 | -7.25000 |
| 59 | -277.187 | 6.62500 | -5.50000 |
| 60 | -277.187 | 6.62500 | -5.75000 |
| 61 | -277.187 | 6.62500 | -6.00000 |
| 62 | -277.187 | 6.62500 | -6.25000 |
| 63 | -277.187 | 6.62500 | -6.50000 |
| 64 | -277.187 | 6.62500 | -6.75000 |
| 65 | -277.187 | 6.62500 | -7.00000 |
| 66 | -277.187 | 6.62500 | -7.25000 |
| 67 | -277.187 | 2.12500 | -2.50000 |
| 68 | -277.187 | 3.12500 | -2.50000 |
| 69 | -277.187 | 9.12500 | -2.50000 |
| 70 | -277.187 | 10.1250 | -2.50000 |
| 71 | -325.777 | 5.62500 | -8.80000 |
| 72 | -325.777 | 6.62500 | -7.00000 |
| 73 | -277.187 | 5.62500 | -9.30000 |
| 74 | -277.187 | 6.62500 | -7.50000 |
| 75 | -228.607 | 2.12500 | -3.00000 |
| 76 | -228.607 | 2.12500 | -4.25000 |
| 77 | -228.607 | 3.12500 | -3.00000 |
| 78 | -228.607 | 9.12500 | -3.00000 |
| 79 | -228.607 | 9.12500 | -4.25000 |
| 80 | -228.607 | 10.1250 | -3.00000 |
| 81 | -228.607 | 5.62500 | -4.25000 |
| 82 | -229.774 | 2.12500 | -4.25000 |
| 83 | -229.774 | 5.62500 | -4.25000 |
| 84 | -228.607 | 10.2050 | -4.25000 |
| 85 | -229.607 | 9.12500 | -4.25000 |
| 86 | -228.607 | 1.04500 | -4.25000 |
| 87 | -229.607 | 1.04500 | -4.25000 |
| 88 | -228.607 | 5.62500 | -5.50000 |
| 89 | -228.607 | 6.62500 | -4.25000 |
| 90 | -228.607 | 5.62500 | -8.00000 |
| 91 | -228.607 | 5.62500 | -5.81250 |
| 92 | -228.607 | 5.62500 | -6.12500 |
| 93 | -228.607 | 5.62500 | -6.43750 |
| 94 | -228.607 | 5.62500 | -6.75000 |
| 95 | -228.607 | 5.62500 | -7.06250 |
| 96 | -228.607 | 5.62500 | -7.37500 |
| 97 | -228.607 | 5.62500 | -7.68750 |
| 98 | -228.607 | 6.62500 | -5.50000 |
| 99 | -228.607 | 6.62500 | -5.81250 |
| 100 | -228.607 | 6.62500 | -6.12500 |
| 101 | -228.607 | 6.62500 | -6.43750 |
| 102 | -228.607 | 6.62500 | -6.75000 |
| 103 | -228.607 | 6.62500 | -7.06250 |
| 104 | -228.607 | 6.62500 | -7.37500 |
| 105 | -228.607 | 6.62500 | -7.68750 |
| 106 | -228.607 | 5.62500 | -9.80000 |
| 107 | -228.607 | 6.62500 | -8.00000 |
| 108 | -228.607 | 9.12500 | -2.50000 |
| 109 | -228.607 | 10.1250 | -2.50000 |
| 110 | -228.607 | 2.12500 | -2.50000 |
| 111 | -228.607 | 3.12500 | -2.50000 |
| 112 | -180.037 | 2.12500 | -3.00000 |
| 113 | -180.037 | 2.12500 | -4.25000 |
| 114 | -180.037 | 3.12500 | -3.00000 |
| 115 | -180.037 | 9.12500 | -3.00000 |
| 116 | -180.037 | 9.12500 | -4.25000 |
| 117 | -180.037 | 10.1250 | -3.00000 |
| 118 | -180.037 | 5.62500 | -4.25000 |
| 119 | -181.204 | 2.12500 | -4.25000 |
| 120 | -181.204 | 5.62500 | -4.25000 |
| 121 | -180.037 | 10.2050 | -4.25000 |
| 122 | -181.037 | 9.12500 | -4.25000 |
| 123 | -180.037 | 1.04500 | -4.25000 |
| 124 | -181.037 | 1.04500 | -4.25000 |
| 125 | -180.037 | 5.62500 | -5.50000 |
| 126 | -180.037 | 6.62500 | -4.25000 |

| | | | |
|-----|----------|----------|-----------|
| 127 | -180.037 | 5.62500 | -8.50000 |
| 128 | -180.037 | 5.62500 | -5.87500 |
| 129 | -180.037 | 5.62500 | -6.25000 |
| 130 | -180.037 | 5.62500 | -6.62500 |
| 131 | -180.037 | 5.62500 | -7.00000 |
| 132 | -180.037 | 5.62500 | -7.37500 |
| 133 | -180.037 | 5.62500 | -7.75000 |
| 134 | -180.037 | 5.62500 | -8.12500 |
| 135 | -180.037 | 6.62500 | -5.50000 |
| 136 | -180.037 | 6.62500 | -5.87500 |
| 137 | -180.037 | 6.62500 | -6.25000 |
| 138 | -180.037 | 6.62500 | -6.62500 |
| 139 | -180.037 | 6.62500 | -7.00000 |
| 140 | -180.037 | 6.62500 | -7.37500 |
| 141 | -180.037 | 6.62500 | -7.75000 |
| 142 | -180.037 | 6.62500 | -8.12500 |
| 143 | -180.037 | 5.62500 | -10.30000 |
| 144 | -180.037 | 6.62500 | -8.50000 |
| 145 | -180.037 | 9.12500 | -2.50000 |
| 146 | -180.037 | 10.12500 | -2.50000 |
| 147 | -180.037 | 2.12500 | -2.50000 |
| 148 | -180.037 | 3.12500 | -2.50000 |
| 149 | -131.487 | 2.12500 | -3.00000 |
| 150 | -131.487 | 2.12500 | -4.25000 |
| 151 | -131.487 | 3.12500 | -3.00000 |
| 152 | -131.487 | 9.12500 | -3.00000 |
| 153 | -131.487 | 9.12500 | -4.25000 |
| 154 | -131.487 | 10.12500 | -3.00000 |
| 155 | -131.487 | 5.62500 | -4.25000 |
| 156 | -132.654 | 2.12500 | -4.25000 |
| 157 | -132.654 | 5.62500 | -4.25000 |
| 158 | -131.487 | 10.20500 | -4.25000 |
| 159 | -132.487 | 9.12500 | -4.25000 |
| 160 | -131.487 | 1.04500 | -4.25000 |
| 161 | -132.487 | 1.04500 | -4.25000 |
| 162 | -131.487 | 5.62500 | -5.50000 |
| 163 | -131.487 | 6.62500 | -4.25000 |
| 164 | -131.487 | 5.62500 | -8.75000 |
| 165 | -131.487 | 5.62500 | -5.90625 |
| 166 | -131.487 | 5.62500 | -6.31250 |
| 167 | -131.487 | 5.62500 | -6.71875 |
| 168 | -131.487 | 5.62500 | -7.12500 |
| 169 | -131.487 | 5.62500 | -7.53125 |
| 170 | -131.487 | 5.62500 | -7.93750 |
| 171 | -131.487 | 5.62500 | -8.34375 |
| 172 | -131.487 | 6.62500 | -5.50000 |
| 173 | -131.487 | 6.62500 | -5.90625 |
| 174 | -131.487 | 6.62500 | -6.31250 |
| 175 | -131.487 | 6.62500 | -6.71875 |
| 176 | -131.487 | 6.62500 | -7.12500 |
| 177 | -131.487 | 6.62500 | -7.53125 |
| 178 | -131.487 | 6.62500 | -7.93750 |
| 179 | -131.487 | 6.62500 | -8.34375 |
| 180 | -131.487 | 5.62500 | -10.55000 |
| 181 | -131.487 | 6.62500 | -8.75000 |
| 182 | -131.487 | 9.12500 | -2.50000 |
| 183 | -131.487 | 10.12500 | -2.50000 |
| 184 | -131.487 | 2.12500 | -2.50000 |
| 185 | -131.487 | 3.12500 | -2.50000 |
| 186 | -82.9570 | 2.12500 | -3.00000 |
| 187 | -82.9570 | 2.12500 | -4.25000 |
| 188 | -82.9570 | 3.12500 | -3.00000 |
| 189 | -82.9570 | 9.12500 | -3.00000 |
| 190 | -82.9570 | 9.12500 | -4.25000 |
| 191 | -82.9570 | 10.12500 | -3.00000 |
| 192 | -82.9570 | 5.62500 | -4.25000 |
| 193 | -84.1237 | 2.12500 | -4.25000 |
| 194 | -84.1237 | 5.62500 | -4.25000 |
| 195 | -82.9570 | 10.20500 | -4.25000 |
| 196 | -83.9570 | 9.12500 | -4.25000 |
| 197 | -82.9570 | 1.04500 | -4.25000 |
| 198 | -83.9570 | 1.04500 | -4.25000 |
| 199 | -82.9570 | 5.62500 | -5.50000 |
| 200 | -82.9570 | 6.62500 | -4.25000 |
| 201 | -82.9570 | 5.62500 | -9.50000 |
| 202 | -82.9570 | 5.62500 | -6.00000 |
| 203 | -82.9570 | 5.62500 | -6.50000 |
| 204 | -82.9570 | 5.62500 | -7.00000 |
| 205 | -82.9570 | 5.62500 | -7.50000 |
| 206 | -82.9570 | 5.62500 | -8.00000 |
| 207 | -82.9570 | 5.62500 | -8.50000 |
| 208 | -82.9570 | 5.62500 | -9.00000 |
| 209 | -82.9570 | 6.62500 | -5.50000 |
| 210 | -82.9570 | 6.62500 | -6.00000 |
| 211 | -82.9570 | 6.62500 | -6.50000 |
| 212 | -82.9570 | 6.62500 | -7.00000 |
| 213 | -82.9570 | 6.62500 | -7.50000 |
| 214 | -82.9570 | 6.62500 | -8.00000 |
| 215 | -82.9570 | 6.62500 | -8.50000 |
| 216 | -82.9570 | 6.62500 | -9.00000 |
| 217 | -82.9570 | 5.62500 | -11.30000 |
| 218 | -82.9570 | 6.62500 | -9.50000 |
| 219 | -82.9570 | 9.12500 | -2.50000 |
| 220 | -82.9570 | 10.12500 | -2.50000 |
| 221 | -82.9570 | 2.12500 | -2.50000 |
| 222 | -82.9570 | 3.12500 | -2.50000 |
| 223 | -34.4470 | 2.12500 | -3.00000 |
| 224 | -34.4470 | 2.12500 | -4.25000 |
| 225 | -34.4470 | 3.12500 | -3.00000 |
| 226 | -34.4470 | 9.12500 | -3.00000 |
| 227 | -34.4470 | 9.12500 | -4.25000 |
| 228 | -34.4470 | 10.12500 | -3.00000 |
| 229 | -34.4470 | 5.62500 | -4.25000 |
| 230 | -35.6137 | 2.12500 | -4.25000 |
| 231 | -35.6137 | 5.62500 | -4.25000 |

| | | | |
|-----|----------|----------|-----------|
| 232 | -34.4470 | 10.2050 | -4.25000 |
| 233 | -35.4470 | 9.12500 | -4.25000 |
| 234 | -34.4470 | 1.04500 | -4.25000 |
| 235 | -35.4470 | 1.04500 | -4.25000 |
| 236 | -34.4470 | 5.62500 | -5.50000 |
| 237 | -34.4470 | 6.62500 | -4.25000 |
| 238 | -34.4470 | 5.62500 | -9.75000 |
| 239 | -34.4470 | 5.62500 | -6.03125 |
| 240 | -34.4470 | 5.62500 | -6.56250 |
| 241 | -34.4470 | 5.62500 | -7.09375 |
| 242 | -34.4470 | 5.62500 | -7.62500 |
| 243 | -34.4470 | 5.62500 | -8.15625 |
| 244 | -34.4470 | 5.62500 | -8.68750 |
| 245 | -34.4470 | 5.62500 | -9.21875 |
| 246 | -34.4470 | 6.62500 | -5.50000 |
| 247 | -34.4470 | 6.62500 | -6.03125 |
| 248 | -34.4470 | 6.62500 | -6.56250 |
| 249 | -34.4470 | 6.62500 | -7.09375 |
| 250 | -34.4470 | 6.62500 | -7.62500 |
| 251 | -34.4470 | 6.62500 | -8.15625 |
| 252 | -34.4470 | 6.62500 | -8.68750 |
| 253 | -34.4470 | 6.62500 | -9.21875 |
| 254 | -34.4470 | 5.62500 | -11.55000 |
| 255 | -34.4470 | 6.62500 | -9.75000 |
| 256 | -34.4470 | 9.12500 | -2.50000 |
| 257 | -34.4470 | 10.12500 | -2.50000 |
| 258 | -34.4470 | 2.12500 | -2.50000 |
| 259 | -34.4470 | 3.12500 | -2.50000 |
| 260 | 33.5470 | 2.12500 | -3.00000 |
| 261 | 33.5470 | 2.12500 | -4.25000 |
| 262 | 33.5470 | 3.12500 | -3.00000 |
| 263 | 33.5470 | 9.12500 | -3.00000 |
| 264 | 33.5470 | 9.12500 | -4.25000 |
| 265 | 33.5470 | 10.12500 | -3.00000 |
| 266 | 33.5470 | 5.62500 | -4.25000 |
| 267 | 32.3803 | 2.12500 | -4.25000 |
| 268 | 32.3803 | 5.62500 | -4.25000 |
| 269 | 33.5470 | 10.20500 | -4.25000 |
| 270 | 32.5470 | 9.12500 | -4.25000 |
| 271 | 33.5470 | 1.04500 | -4.25000 |
| 272 | 32.5470 | 1.04500 | -4.25000 |
| 273 | 33.5470 | 5.62500 | -5.50000 |
| 274 | 33.5470 | 6.62500 | -4.25000 |
| 275 | 33.5470 | 5.62500 | -10.00000 |
| 276 | 33.5470 | 5.62500 | -6.06250 |
| 277 | 33.5470 | 5.62500 | -6.62500 |
| 278 | 33.5470 | 5.62500 | -7.18750 |
| 279 | 33.5470 | 5.62500 | -7.75000 |
| 280 | 33.5470 | 5.62500 | -8.31250 |
| 281 | 33.5470 | 5.62500 | -8.87500 |
| 282 | 33.5470 | 5.62500 | -9.43750 |
| 283 | 33.5470 | 6.62500 | -5.50000 |
| 284 | 33.5470 | 6.62500 | -6.06250 |
| 285 | 33.5470 | 6.62500 | -6.62500 |
| 286 | 33.5470 | 6.62500 | -7.18750 |
| 287 | 33.5470 | 6.62500 | -7.75000 |
| 288 | 33.5470 | 6.62500 | -8.31250 |
| 289 | 33.5470 | 6.62500 | -8.87500 |
| 290 | 33.5470 | 6.62500 | -9.43750 |
| 291 | 33.5470 | 5.62500 | -11.80000 |
| 292 | 33.5470 | 6.62500 | -10.00000 |
| 293 | 33.5470 | 9.12500 | -2.50000 |
| 294 | 33.5470 | 10.12500 | -2.50000 |
| 295 | 33.5470 | 2.12500 | -2.50000 |
| 296 | 33.5470 | 3.12500 | -2.50000 |
| 297 | 82.0570 | 2.12500 | -3.00000 |
| 298 | 82.0570 | 2.12500 | -4.25000 |
| 299 | 82.0570 | 3.12500 | -3.00000 |
| 300 | 82.0570 | 9.12500 | -3.00000 |
| 301 | 82.0570 | 9.12500 | -4.25000 |
| 302 | 82.0570 | 10.12500 | -3.00000 |
| 303 | 82.0570 | 5.62500 | -4.25000 |
| 304 | 80.8903 | 2.12500 | -4.25000 |
| 305 | 80.8903 | 5.62500 | -4.25000 |
| 306 | 82.0570 | 10.20500 | -4.25000 |
| 307 | 81.0570 | 9.12500 | -4.25000 |
| 308 | 82.0570 | 1.04500 | -4.25000 |
| 309 | 81.0570 | 1.04500 | -4.25000 |
| 310 | 82.0570 | 5.62500 | -5.50000 |
| 311 | 82.0570 | 6.62500 | -4.25000 |
| 312 | 82.0570 | 5.62500 | -9.50000 |
| 313 | 82.0570 | 5.62500 | -6.00000 |
| 314 | 82.0570 | 5.62500 | -6.50000 |
| 315 | 82.0570 | 5.62500 | -7.00000 |
| 316 | 82.0570 | 5.62500 | -7.50000 |
| 317 | 82.0570 | 5.62500 | -8.00000 |
| 318 | 82.0570 | 5.62500 | -8.50000 |
| 319 | 82.0570 | 5.62500 | -9.00000 |
| 320 | 82.0570 | 6.62500 | -5.50000 |
| 321 | 82.0570 | 6.62500 | -6.00000 |
| 322 | 82.0570 | 6.62500 | -6.50000 |
| 323 | 82.0570 | 6.62500 | -7.00000 |
| 324 | 82.0570 | 6.62500 | -7.50000 |
| 325 | 82.0570 | 6.62500 | -8.00000 |
| 326 | 82.0570 | 6.62500 | -8.50000 |
| 327 | 82.0570 | 6.62500 | -9.00000 |
| 328 | 82.0570 | 5.62500 | -11.30000 |
| 329 | 82.0570 | 6.62500 | -9.50000 |
| 330 | 82.0570 | 9.12500 | -2.50000 |
| 331 | 82.0570 | 10.12500 | -2.50000 |
| 332 | 82.0570 | 2.12500 | -2.50000 |
| 333 | 82.0570 | 3.12500 | -2.50000 |
| 334 | 130.587 | 2.12500 | -3.00000 |
| 335 | 130.587 | 2.12500 | -4.25000 |
| 336 | 130.587 | 3.12500 | -3.00000 |

| | | | |
|-----|---------|---------|----------|
| 337 | 130.587 | 9.12500 | -3.00000 |
| 338 | 130.587 | 9.12500 | -4.25000 |
| 339 | 130.587 | 10.1250 | -3.00000 |
| 340 | 130.587 | 5.62500 | -4.25000 |
| 341 | 129.420 | 2.12500 | -4.25000 |
| 342 | 129.420 | 5.62500 | -4.25000 |
| 343 | 130.587 | 10.2050 | -4.25000 |
| 344 | 129.587 | 9.12500 | -4.25000 |
| 345 | 130.587 | 1.04500 | -4.25000 |
| 346 | 129.587 | 1.04500 | -4.25000 |
| 347 | 130.587 | 5.62500 | -5.50000 |
| 348 | 130.587 | 6.62500 | -4.25000 |
| 349 | 130.587 | 5.62500 | -9.50000 |
| 350 | 130.587 | 5.62500 | -6.00000 |
| 351 | 130.587 | 5.62500 | -6.50000 |
| 352 | 130.587 | 5.62500 | -7.00000 |
| 353 | 130.587 | 5.62500 | -7.50000 |
| 354 | 130.587 | 5.62500 | -8.00000 |
| 355 | 130.587 | 5.62500 | -8.50000 |
| 356 | 130.587 | 5.62500 | -9.00000 |
| 357 | 130.587 | 6.62500 | -5.50000 |
| 358 | 130.587 | 6.62500 | -6.00000 |
| 359 | 130.587 | 6.62500 | -6.50000 |
| 360 | 130.587 | 6.62500 | -7.00000 |
| 361 | 130.587 | 6.62500 | -7.50000 |
| 362 | 130.587 | 6.62500 | -8.00000 |
| 363 | 130.587 | 6.62500 | -8.50000 |
| 364 | 130.587 | 6.62500 | -9.00000 |
| 365 | 130.587 | 5.62500 | -11.3000 |
| 366 | 130.587 | 6.62500 | -9.50000 |
| 367 | 130.587 | 9.12500 | -2.50000 |
| 368 | 130.587 | 10.1250 | -2.50000 |
| 369 | 130.587 | 2.12500 | -2.50000 |
| 370 | 130.587 | 3.12500 | -2.50000 |
| 371 | 179.137 | 2.12500 | -3.00000 |
| 372 | 179.137 | 2.12500 | -4.25000 |
| 373 | 179.137 | 3.12500 | -3.00000 |
| 374 | 179.137 | 9.12500 | -3.00000 |
| 375 | 179.137 | 9.12500 | -4.25000 |
| 376 | 179.137 | 10.1250 | -3.00000 |
| 377 | 179.137 | 5.62500 | -4.25000 |
| 378 | 177.970 | 2.12500 | -4.25000 |
| 379 | 177.970 | 5.62500 | -4.25000 |
| 380 | 179.137 | 10.2050 | -4.25000 |
| 381 | 178.137 | 9.12500 | -4.25000 |
| 382 | 179.137 | 1.04500 | -4.25000 |
| 383 | 178.137 | 1.04500 | -4.25000 |
| 384 | 179.137 | 5.62500 | -5.50000 |
| 385 | 179.137 | 6.62500 | -4.25000 |
| 386 | 179.137 | 5.62500 | -9.25000 |
| 387 | 179.137 | 5.62500 | -5.96875 |
| 388 | 179.137 | 5.62500 | -6.43750 |
| 389 | 179.137 | 5.62500 | -6.90625 |
| 390 | 179.137 | 5.62500 | -7.37500 |
| 391 | 179.137 | 5.62500 | -7.84375 |
| 392 | 179.137 | 5.62500 | -8.31250 |
| 393 | 179.137 | 5.62500 | -8.78125 |
| 394 | 179.137 | 6.62500 | -5.50000 |
| 395 | 179.137 | 6.62500 | -5.96875 |
| 396 | 179.137 | 6.62500 | -6.43750 |
| 397 | 179.137 | 6.62500 | -6.90625 |
| 398 | 179.137 | 6.62500 | -7.37500 |
| 399 | 179.137 | 6.62500 | -7.84375 |
| 400 | 179.137 | 6.62500 | -8.31250 |
| 401 | 179.137 | 6.62500 | -8.78125 |
| 402 | 179.137 | 5.62500 | -11.0500 |
| 403 | 179.137 | 6.62500 | -9.25000 |
| 404 | 179.137 | 9.12500 | -2.50000 |
| 405 | 179.137 | 10.1250 | -2.50000 |
| 406 | 179.137 | 2.12500 | -2.50000 |
| 407 | 179.137 | 3.12500 | -2.50000 |
| 408 | 227.707 | 2.12500 | -3.00000 |
| 409 | 227.707 | 2.12500 | -4.25000 |
| 410 | 227.707 | 3.12500 | -3.00000 |
| 411 | 227.707 | 9.12500 | -3.00000 |
| 412 | 227.707 | 9.12500 | -4.25000 |
| 413 | 227.707 | 10.1250 | -3.00000 |
| 414 | 227.707 | 5.62500 | -4.25000 |
| 415 | 226.540 | 2.12500 | -4.25000 |
| 416 | 226.540 | 5.62500 | -4.25000 |
| 417 | 227.707 | 10.2050 | -4.25000 |
| 418 | 226.707 | 9.12500 | -4.25000 |
| 419 | 227.707 | 1.04500 | -4.25000 |
| 420 | 226.707 | 1.04500 | -4.25000 |
| 421 | 227.707 | 5.62500 | -5.50000 |
| 422 | 227.707 | 6.62500 | -4.25000 |
| 423 | 227.707 | 5.62500 | -8.50000 |
| 424 | 227.707 | 5.62500 | -5.87500 |
| 425 | 227.707 | 5.62500 | -6.25000 |
| 426 | 227.707 | 5.62500 | -6.62500 |
| 427 | 227.707 | 5.62500 | -7.00000 |
| 428 | 227.707 | 5.62500 | -7.37500 |
| 429 | 227.707 | 5.62500 | -7.75000 |
| 430 | 227.707 | 5.62500 | -8.12500 |
| 431 | 227.707 | 6.62500 | -5.50000 |
| 432 | 227.707 | 6.62500 | -5.87500 |
| 433 | 227.707 | 6.62500 | -6.25000 |
| 434 | 227.707 | 6.62500 | -6.62500 |
| 435 | 227.707 | 6.62500 | -7.00000 |
| 436 | 227.707 | 6.62500 | -7.37500 |
| 437 | 227.707 | 6.62500 | -7.75000 |
| 438 | 227.707 | 6.62500 | -8.12500 |
| 439 | 227.707 | 5.62500 | -10.3000 |
| 440 | 227.707 | 6.62500 | -8.50000 |
| 441 | 227.707 | 9.12500 | -2.50000 |

| | | | |
|-----|---------|---------|----------|
| 442 | 227.707 | 10.1250 | -2.50000 |
| 443 | 227.707 | 2.12500 | -2.50000 |
| 444 | 227.707 | 3.12500 | -2.50000 |
| 445 | 276.287 | 2.12500 | -3.00000 |
| 446 | 276.287 | 2.12500 | -4.25000 |
| 447 | 276.287 | 3.12500 | -3.00000 |
| 448 | 276.287 | 9.12500 | -3.00000 |
| 449 | 276.287 | 9.12500 | -4.25000 |
| 450 | 276.287 | 10.1250 | -3.00000 |
| 451 | 276.287 | 5.62500 | -4.25000 |
| 452 | 275.120 | 2.12500 | -4.25000 |
| 453 | 275.120 | 5.62500 | -4.25000 |
| 454 | 276.287 | 10.2050 | -4.25000 |
| 455 | 275.287 | 9.12500 | -4.25000 |
| 456 | 276.287 | 1.04500 | -4.25000 |
| 457 | 275.287 | 1.04500 | -4.25000 |
| 458 | 276.287 | 5.62500 | -5.50000 |
| 459 | 276.287 | 6.62500 | -4.25000 |
| 460 | 276.287 | 5.62500 | -8.50000 |
| 461 | 276.287 | 5.62500 | -5.87500 |
| 462 | 276.287 | 5.62500 | -6.25000 |
| 463 | 276.287 | 5.62500 | -6.62500 |
| 464 | 276.287 | 5.62500 | -7.00000 |
| 465 | 276.287 | 5.62500 | -7.37500 |
| 466 | 276.287 | 5.62500 | -7.75000 |
| 467 | 276.287 | 5.62500 | -8.12500 |
| 468 | 276.287 | 6.62500 | -5.50000 |
| 469 | 276.287 | 6.62500 | -5.87500 |
| 470 | 276.287 | 6.62500 | -6.25000 |
| 471 | 276.287 | 6.62500 | -6.62500 |
| 472 | 276.287 | 6.62500 | -7.00000 |
| 473 | 276.287 | 6.62500 | -7.37500 |
| 474 | 276.287 | 6.62500 | -7.75000 |
| 475 | 276.287 | 6.62500 | -8.12500 |
| 476 | 276.287 | 5.62500 | -10.3000 |
| 477 | 276.287 | 6.62500 | -8.50000 |
| 478 | 276.287 | 9.12500 | -2.50000 |
| 479 | 276.287 | 10.1250 | -2.50000 |
| 480 | 276.287 | 2.12500 | -2.50000 |
| 481 | 276.287 | 3.12500 | -2.50000 |
| 482 | 324.877 | 2.12500 | -3.00000 |
| 483 | 324.877 | 2.12500 | -4.25000 |
| 484 | 324.877 | 3.12500 | -3.00000 |
| 485 | 324.877 | 9.12500 | -3.00000 |
| 486 | 324.877 | 9.12500 | -4.25000 |
| 487 | 324.877 | 10.1250 | -3.00000 |
| 488 | 324.877 | 5.62500 | -4.25000 |
| 489 | 323.710 | 2.12500 | -4.25000 |
| 490 | 323.710 | 5.62500 | -4.25000 |
| 491 | 324.877 | 10.2050 | -4.25000 |
| 492 | 323.877 | 9.12500 | -4.25000 |
| 493 | 324.877 | 1.04500 | -4.25000 |
| 494 | 323.877 | 1.04500 | -4.25000 |
| 495 | 324.877 | 5.62500 | -5.50000 |
| 496 | 324.877 | 6.62500 | -4.25000 |
| 497 | 324.877 | 5.62500 | -8.75000 |
| 498 | 324.877 | 5.62500 | -5.90625 |
| 499 | 324.877 | 5.62500 | -6.31250 |
| 500 | 324.877 | 5.62500 | -6.71875 |
| 501 | 324.877 | 5.62500 | -7.12500 |
| 502 | 324.877 | 5.62500 | -7.53125 |
| 503 | 324.877 | 5.62500 | -7.93750 |
| 504 | 324.877 | 5.62500 | -8.34375 |
| 505 | 324.877 | 6.62500 | -5.50000 |
| 506 | 324.877 | 6.62500 | -5.90625 |
| 507 | 324.877 | 6.62500 | -6.31250 |
| 508 | 324.877 | 6.62500 | -6.71875 |
| 509 | 324.877 | 6.62500 | -7.12500 |
| 510 | 324.877 | 6.62500 | -7.53125 |
| 511 | 324.877 | 6.62500 | -7.93750 |
| 512 | 324.877 | 6.62500 | -8.34375 |
| 513 | 324.877 | 5.62500 | -10.5500 |
| 514 | 324.877 | 6.62500 | -8.75000 |
| 515 | 324.877 | 9.12500 | -2.50000 |
| 516 | 324.877 | 10.1250 | -2.50000 |
| 517 | 324.877 | 2.12500 | -2.50000 |
| 518 | 324.877 | 3.12500 | -2.50000 |
| 519 | 373.578 | 2.12500 | -3.00000 |
| 520 | 373.578 | 2.12500 | -4.25000 |
| 521 | 373.578 | 3.12500 | -3.00000 |
| 522 | 373.578 | 9.12500 | -3.00000 |
| 523 | 373.578 | 9.12500 | -4.25000 |
| 524 | 373.578 | 10.1250 | -3.00000 |
| 525 | 373.578 | 5.62500 | -4.25000 |
| 526 | 372.411 | 2.12500 | -4.25000 |
| 527 | 372.411 | 5.62500 | -4.25000 |
| 528 | 373.578 | 10.2050 | -4.25000 |
| 529 | 372.578 | 9.12500 | -4.25000 |
| 530 | 373.578 | 1.04500 | -4.25000 |
| 531 | 372.578 | 1.04500 | -4.25000 |
| 532 | 373.578 | 5.62500 | -5.50000 |
| 533 | 373.578 | 6.62500 | -4.25000 |
| 534 | 373.578 | 5.62500 | -8.75000 |
| 535 | 373.578 | 5.62500 | -5.90625 |
| 536 | 373.578 | 5.62500 | -6.31250 |
| 537 | 373.578 | 5.62500 | -6.71875 |
| 538 | 373.578 | 5.62500 | -7.12500 |
| 539 | 373.578 | 5.62500 | -7.53125 |
| 540 | 373.578 | 5.62500 | -7.93750 |
| 541 | 373.578 | 5.62500 | -8.34375 |
| 542 | 373.578 | 6.62500 | -5.50000 |
| 543 | 373.578 | 6.62500 | -5.90625 |
| 544 | 373.578 | 6.62500 | -6.31250 |
| 545 | 373.578 | 6.62500 | -6.71875 |
| 546 | 373.578 | 6.62500 | -7.12500 |

| | | | |
|-----|-----------|---------|--------------|
| 547 | 373.578 | 6.62500 | -7.53125 |
| 548 | 373.578 | 6.62500 | -7.93750 |
| 549 | 373.578 | 6.62500 | -8.34375 |
| 550 | 373.578 | 5.62500 | -10.5500 |
| 551 | 373.578 | 6.62500 | -8.75000 |
| 552 | 373.578 | 9.12500 | -2.50000 |
| 553 | 373.578 | 10.1250 | -2.50000 |
| 554 | 373.578 | 2.12500 | -2.50000 |
| 555 | 373.578 | 3.12500 | -2.50000 |
| 556 | -0.447000 | 2.12500 | -4.25000 |
| 557 | -0.447000 | 5.62500 | -4.25000 |
| 558 | -1.61367 | 2.12500 | -4.25000 |
| 559 | -0.447000 | 9.12500 | -4.25000 |
| 560 | -1.61367 | 5.62500 | -4.25000 |
| 561 | -0.447000 | 10.2050 | -4.25000 |
| 562 | -1.44700 | 9.12500 | -4.25000 |
| 563 | -0.447000 | 1.04500 | -4.25000 |
| 564 | -1.44700 | 1.04500 | -4.25000 |
| 565 | -0.447000 | 5.62500 | -5.50000 |
| 566 | -0.447000 | 6.62500 | -4.25000 |
| 567 | -0.447000 | 5.62500 | -10.3000 |
| 568 | -0.447000 | 5.62500 | -6.10000 |
| 569 | -0.447000 | 5.62500 | -6.70000 |
| 570 | -0.447000 | 5.62500 | -7.30000 |
| 571 | -0.447000 | 5.62500 | -7.90000 |
| 572 | -0.447000 | 5.62500 | -8.50000 |
| 573 | -0.447000 | 5.62500 | -9.10000 |
| 574 | -0.447000 | 5.62500 | -9.70000 |
| 575 | -0.447000 | 6.62500 | -5.50000 |
| 576 | -0.447000 | 6.62500 | -6.10000 |
| 577 | -0.447000 | 6.62500 | -6.70000 |
| 578 | -0.447000 | 6.62500 | -7.30000 |
| 579 | -0.447000 | 6.62500 | -7.90000 |
| 580 | -0.447000 | 6.62500 | -8.50000 |
| 581 | -0.447000 | 6.62500 | -9.10000 |
| 582 | -0.447000 | 6.62500 | -9.70000 |
| 583 | -0.447000 | 5.62500 | -12.3000 |
| 584 | -0.447000 | 6.62500 | -10.3000 |
| 585 | -1.40000 | 9.12500 | -4.25000 |
| 586 | -1.40000 | 10.1250 | -4.25000 |
| 587 | 0.500000 | 9.12500 | -4.25000 |
| 588 | -0.447000 | 10.1250 | -4.25000 |
| 589 | -1.40000 | 2.12500 | -4.25000 |
| 590 | -1.40000 | 3.12500 | -4.25000 |
| 591 | 0.500000 | 2.12500 | -4.25000 |
| 592 | -0.447000 | 3.12500 | -4.25000 |
| 593 | 0.500000 | 2.12500 | -2.50000 |
| 594 | 0.500000 | 2.12500 | -3.00000 |
| 595 | 0.500000 | 3.12500 | -2.50000 |
| 596 | 0.500000 | 3.12500 | -3.00000 |
| 597 | -1.40000 | 2.12500 | -2.50000 |
| 598 | -1.40000 | 2.12500 | -3.00000 |
| 599 | -1.40000 | 3.12500 | -2.50000 |
| 600 | -1.40000 | 3.12500 | -3.00000 |
| 601 | 0.500000 | 9.12500 | -2.50000 |
| 602 | 0.500000 | 9.12500 | -3.00000 |
| 603 | 0.500000 | 10.1250 | -2.50000 |
| 604 | 0.500000 | 10.1250 | -3.00000 |
| 605 | -1.40000 | 9.12500 | -2.50000 |
| 606 | -1.40000 | 9.12500 | -3.00000 |
| 607 | -1.40000 | 10.1250 | -2.50000 |
| 608 | -1.40000 | 10.1250 | -3.00000 |
| 609 | -359.809 | 2.12500 | 0.000000E+00 |
| 610 | -359.809 | 2.12500 | -2.50000 |
| 611 | -359.809 | 3.12500 | 0.000000E+00 |
| 612 | -325.777 | 2.12500 | 0.000000E+00 |
| 613 | -325.777 | 2.12500 | -2.50000 |
| 614 | -325.777 | 3.12500 | 0.000000E+00 |
| 615 | -277.187 | 2.12500 | 0.000000E+00 |
| 616 | -277.187 | 2.12500 | -2.50000 |
| 617 | -277.187 | 3.12500 | 0.000000E+00 |
| 618 | -228.607 | 2.12500 | 0.000000E+00 |
| 619 | -228.607 | 2.12500 | -2.50000 |
| 620 | -228.607 | 3.12500 | 0.000000E+00 |
| 621 | -180.037 | 2.12500 | 0.000000E+00 |
| 622 | -180.037 | 2.12500 | -2.50000 |
| 623 | -180.037 | 3.12500 | 0.000000E+00 |
| 624 | -131.487 | 2.12500 | 0.000000E+00 |
| 625 | -131.487 | 2.12500 | -2.50000 |
| 626 | -131.487 | 3.12500 | 0.000000E+00 |
| 627 | -82.9570 | 2.12500 | 0.000000E+00 |
| 628 | -82.9570 | 2.12500 | -2.50000 |
| 629 | -82.9570 | 3.12500 | 0.000000E+00 |
| 630 | -34.4470 | 2.12500 | 0.000000E+00 |
| 631 | -34.4470 | 2.12500 | -2.50000 |
| 632 | -34.4470 | 3.12500 | 0.000000E+00 |
| 633 | -1.40000 | 2.12500 | 0.000000E+00 |
| 634 | -1.40000 | 2.12500 | -2.50000 |
| 635 | -1.40000 | 3.12500 | 0.000000E+00 |
| 636 | 0.500000 | 2.12500 | 0.000000E+00 |
| 637 | 0.500000 | 2.12500 | -2.50000 |
| 638 | 0.500000 | 3.12500 | 0.000000E+00 |
| 639 | 33.5470 | 2.12500 | 0.000000E+00 |
| 640 | 33.5470 | 2.12500 | -2.50000 |
| 641 | 33.5470 | 3.12500 | 0.000000E+00 |
| 642 | 82.0570 | 2.12500 | 0.000000E+00 |
| 643 | 82.0570 | 2.12500 | -2.50000 |
| 644 | 82.0570 | 3.12500 | 0.000000E+00 |
| 645 | 130.587 | 2.12500 | 0.000000E+00 |
| 646 | 130.587 | 2.12500 | -2.50000 |
| 647 | 130.587 | 3.12500 | 0.000000E+00 |
| 648 | 179.137 | 2.12500 | 0.000000E+00 |
| 649 | 179.137 | 2.12500 | -2.50000 |
| 650 | 179.137 | 3.12500 | 0.000000E+00 |
| 651 | 227.707 | 2.12500 | 0.000000E+00 |

| | | | |
|-----|----------|----------|--------------|
| 652 | 227.707 | 2.12500 | -2.50000 |
| 653 | 227.707 | 3.12500 | 0.000000E+00 |
| 654 | 276.287 | 2.12500 | 0.000000E+00 |
| 655 | 276.287 | 2.12500 | -2.50000 |
| 656 | 276.287 | 3.12500 | 0.000000E+00 |
| 657 | 324.877 | 2.12500 | 0.000000E+00 |
| 658 | 324.877 | 2.12500 | -2.50000 |
| 659 | 324.877 | 3.12500 | 0.000000E+00 |
| 660 | 373.578 | 2.12500 | 0.000000E+00 |
| 661 | 373.578 | 2.12500 | -2.50000 |
| 662 | 373.578 | 3.12500 | 0.000000E+00 |
| 663 | 407.610 | 2.12500 | 0.000000E+00 |
| 664 | 407.610 | 2.12500 | -2.50000 |
| 665 | 407.610 | 3.12500 | 0.000000E+00 |
| 666 | -359.809 | 9.12500 | 0.000000E+00 |
| 667 | -359.809 | 9.12500 | -2.50000 |
| 668 | -359.809 | 10.12500 | 0.000000E+00 |
| 669 | -325.777 | 9.12500 | 0.000000E+00 |
| 670 | -325.777 | 9.12500 | -2.50000 |
| 671 | -325.777 | 10.12500 | 0.000000E+00 |
| 672 | -277.187 | 9.12500 | 0.000000E+00 |
| 673 | -277.187 | 9.12500 | -2.50000 |
| 674 | -277.187 | 10.12500 | 0.000000E+00 |
| 675 | -228.607 | 9.12500 | 0.000000E+00 |
| 676 | -228.607 | 9.12500 | -2.50000 |
| 677 | -228.607 | 10.12500 | 0.000000E+00 |
| 678 | -180.037 | 9.12500 | 0.000000E+00 |
| 679 | -180.037 | 9.12500 | -2.50000 |
| 680 | -180.037 | 10.12500 | 0.000000E+00 |
| 681 | -131.487 | 9.12500 | 0.000000E+00 |
| 682 | -131.487 | 9.12500 | -2.50000 |
| 683 | -131.487 | 10.12500 | 0.000000E+00 |
| 684 | -82.9570 | 9.12500 | 0.000000E+00 |
| 685 | -82.9570 | 9.12500 | -2.50000 |
| 686 | -82.9570 | 10.12500 | 0.000000E+00 |
| 687 | -34.4470 | 9.12500 | 0.000000E+00 |
| 688 | -34.4470 | 9.12500 | -2.50000 |
| 689 | -34.4470 | 10.12500 | 0.000000E+00 |
| 690 | -1.40000 | 9.12500 | 0.000000E+00 |
| 691 | -1.40000 | 9.12500 | -2.50000 |
| 692 | -1.40000 | 10.12500 | 0.000000E+00 |
| 693 | 0.500000 | 9.12500 | 0.000000E+00 |
| 694 | 0.500000 | 9.12500 | -2.50000 |
| 695 | 0.500000 | 10.12500 | 0.000000E+00 |
| 696 | 33.5470 | 9.12500 | 0.000000E+00 |
| 697 | 33.5470 | 9.12500 | -2.50000 |
| 698 | 33.5470 | 10.12500 | 0.000000E+00 |
| 699 | 82.0570 | 9.12500 | 0.000000E+00 |
| 700 | 82.0570 | 9.12500 | -2.50000 |
| 701 | 82.0570 | 10.12500 | 0.000000E+00 |
| 702 | 130.587 | 9.12500 | 0.000000E+00 |
| 703 | 130.587 | 9.12500 | -2.50000 |
| 704 | 130.587 | 10.12500 | 0.000000E+00 |
| 705 | 179.137 | 9.12500 | 0.000000E+00 |
| 706 | 179.137 | 9.12500 | -2.50000 |
| 707 | 179.137 | 10.12500 | 0.000000E+00 |
| 708 | 227.707 | 9.12500 | 0.000000E+00 |
| 709 | 227.707 | 9.12500 | -2.50000 |
| 710 | 227.707 | 10.12500 | 0.000000E+00 |
| 711 | 276.287 | 9.12500 | 0.000000E+00 |
| 712 | 276.287 | 9.12500 | -2.50000 |
| 713 | 276.287 | 10.12500 | 0.000000E+00 |
| 714 | 324.877 | 9.12500 | 0.000000E+00 |
| 715 | 324.877 | 9.12500 | -2.50000 |
| 716 | 324.877 | 10.12500 | 0.000000E+00 |
| 717 | 373.578 | 9.12500 | 0.000000E+00 |
| 718 | 373.578 | 9.12500 | -2.50000 |
| 719 | 373.578 | 10.12500 | 0.000000E+00 |
| 720 | -357.476 | 9.12500 | 0.000000E+00 |
| 721 | 278.620 | 9.12500 | 0.000000E+00 |
| 722 | 327.210 | 9.12500 | 0.000000E+00 |
| 723 | 375.911 | 9.12500 | 0.000000E+00 |
| 724 | 407.610 | 9.12500 | 0.000000E+00 |
| 725 | 409.943 | 9.12500 | 0.000000E+00 |
| 726 | -354.947 | 9.12500 | 0.000000E+00 |
| 727 | -354.947 | 2.12500 | 0.000000E+00 |
| 728 | -352.614 | 9.12500 | 0.000000E+00 |
| 729 | -350.086 | 9.12500 | 0.000000E+00 |
| 730 | -350.086 | 2.12500 | 0.000000E+00 |
| 731 | -347.752 | 9.12500 | 0.000000E+00 |
| 732 | -345.224 | 9.12500 | 0.000000E+00 |
| 733 | -345.224 | 2.12500 | 0.000000E+00 |
| 734 | -342.891 | 9.12500 | 0.000000E+00 |
| 735 | -340.362 | 9.12500 | 0.000000E+00 |
| 736 | -340.362 | 2.12500 | 0.000000E+00 |
| 737 | -338.029 | 9.12500 | 0.000000E+00 |
| 738 | -335.500 | 9.12500 | 0.000000E+00 |
| 739 | -335.500 | 2.12500 | 0.000000E+00 |
| 740 | -333.167 | 9.12500 | 0.000000E+00 |
| 741 | -330.639 | 9.12500 | 0.000000E+00 |
| 742 | -330.639 | 2.12500 | 0.000000E+00 |
| 743 | -328.305 | 9.12500 | 0.000000E+00 |
| 744 | -29.7260 | 9.12500 | 0.000000E+00 |
| 745 | -29.7260 | 2.12500 | 0.000000E+00 |
| 746 | -27.3927 | 9.12500 | 0.000000E+00 |
| 747 | -25.0050 | 9.12500 | 0.000000E+00 |
| 748 | -25.0050 | 2.12500 | 0.000000E+00 |
| 749 | -22.6717 | 9.12500 | 0.000000E+00 |
| 750 | -20.2840 | 9.12500 | 0.000000E+00 |
| 751 | -20.2840 | 2.12500 | 0.000000E+00 |
| 752 | -17.9507 | 9.12500 | 0.000000E+00 |
| 753 | -15.5630 | 9.12500 | 0.000000E+00 |
| 754 | -15.5630 | 2.12500 | 0.000000E+00 |
| 755 | -13.2297 | 9.12500 | 0.000000E+00 |
| 756 | -10.8420 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 757 | -10.8420 | 2.12500 | 0.000000E+00 |
| 758 | -8.50867 | 9.12500 | 0.000000E+00 |
| 759 | -6.12100 | 9.12500 | 0.000000E+00 |
| 760 | -6.12100 | 2.12500 | 0.000000E+00 |
| 761 | -3.78767 | 9.12500 | 0.000000E+00 |
| 762 | 5.22100 | 9.12500 | 0.000000E+00 |
| 763 | 5.22100 | 2.12500 | 0.000000E+00 |
| 764 | 7.55433 | 9.12500 | 0.000000E+00 |
| 765 | 9.94200 | 9.12500 | 0.000000E+00 |
| 766 | 9.94200 | 2.12500 | 0.000000E+00 |
| 767 | 12.2753 | 9.12500 | 0.000000E+00 |
| 768 | 14.6630 | 9.12500 | 0.000000E+00 |
| 769 | 14.6630 | 2.12500 | 0.000000E+00 |
| 770 | 16.9963 | 9.12500 | 0.000000E+00 |
| 771 | 19.3840 | 9.12500 | 0.000000E+00 |
| 772 | 19.3840 | 2.12500 | 0.000000E+00 |
| 773 | 21.7173 | 9.12500 | 0.000000E+00 |
| 774 | 24.1050 | 9.12500 | 0.000000E+00 |
| 775 | 24.1050 | 2.12500 | 0.000000E+00 |
| 776 | 26.4383 | 9.12500 | 0.000000E+00 |
| 777 | 28.8260 | 9.12500 | 0.000000E+00 |
| 778 | 28.8260 | 2.12500 | 0.000000E+00 |
| 779 | 31.1593 | 9.12500 | 0.000000E+00 |
| 780 | 378.440 | 9.12500 | 0.000000E+00 |
| 781 | 378.440 | 2.12500 | 0.000000E+00 |
| 782 | 380.773 | 9.12500 | 0.000000E+00 |
| 783 | 383.301 | 9.12500 | 0.000000E+00 |
| 784 | 383.301 | 2.12500 | 0.000000E+00 |
| 785 | 385.635 | 9.12500 | 0.000000E+00 |
| 786 | 388.163 | 9.12500 | 0.000000E+00 |
| 787 | 388.163 | 2.12500 | 0.000000E+00 |
| 788 | 390.496 | 9.12500 | 0.000000E+00 |
| 789 | 393.025 | 9.12500 | 0.000000E+00 |
| 790 | 393.025 | 2.12500 | 0.000000E+00 |
| 791 | 395.358 | 9.12500 | 0.000000E+00 |
| 792 | 397.887 | 9.12500 | 0.000000E+00 |
| 793 | 397.887 | 2.12500 | 0.000000E+00 |
| 794 | 400.220 | 9.12500 | 0.000000E+00 |
| 795 | 402.748 | 9.12500 | 0.000000E+00 |
| 796 | 402.748 | 2.12500 | 0.000000E+00 |
| 797 | 405.082 | 9.12500 | 0.000000E+00 |
| 798 | -320.918 | 9.12500 | 0.000000E+00 |
| 799 | -320.918 | 2.12500 | 0.000000E+00 |
| 800 | -318.585 | 9.12500 | 0.000000E+00 |
| 801 | -316.059 | 9.12500 | 0.000000E+00 |
| 802 | -316.059 | 2.12500 | 0.000000E+00 |
| 803 | -313.726 | 9.12500 | 0.000000E+00 |
| 804 | -311.200 | 9.12500 | 0.000000E+00 |
| 805 | -311.200 | 2.12500 | 0.000000E+00 |
| 806 | -308.867 | 9.12500 | 0.000000E+00 |
| 807 | -306.341 | 9.12500 | 0.000000E+00 |
| 808 | -306.341 | 2.12500 | 0.000000E+00 |
| 809 | -304.008 | 9.12500 | 0.000000E+00 |
| 810 | -301.482 | 9.12500 | 0.000000E+00 |
| 811 | -301.482 | 2.12500 | 0.000000E+00 |
| 812 | -299.149 | 9.12500 | 0.000000E+00 |
| 813 | -296.623 | 9.12500 | 0.000000E+00 |
| 814 | -296.623 | 2.12500 | 0.000000E+00 |
| 815 | -294.290 | 9.12500 | 0.000000E+00 |
| 816 | -291.764 | 9.12500 | 0.000000E+00 |
| 817 | -291.764 | 2.12500 | 0.000000E+00 |
| 818 | -289.431 | 9.12500 | 0.000000E+00 |
| 819 | -286.905 | 9.12500 | 0.000000E+00 |
| 820 | -286.905 | 2.12500 | 0.000000E+00 |
| 821 | -284.572 | 9.12500 | 0.000000E+00 |
| 822 | -282.046 | 9.12500 | 0.000000E+00 |
| 823 | -282.046 | 2.12500 | 0.000000E+00 |
| 824 | -279.713 | 9.12500 | 0.000000E+00 |
| 825 | -272.329 | 9.12500 | 0.000000E+00 |
| 826 | -272.329 | 2.12500 | 0.000000E+00 |
| 827 | -269.996 | 9.12500 | 0.000000E+00 |
| 828 | -267.471 | 9.12500 | 0.000000E+00 |
| 829 | -267.471 | 2.12500 | 0.000000E+00 |
| 830 | -265.138 | 9.12500 | 0.000000E+00 |
| 831 | -262.613 | 9.12500 | 0.000000E+00 |
| 832 | -262.613 | 2.12500 | 0.000000E+00 |
| 833 | -260.280 | 9.12500 | 0.000000E+00 |
| 834 | -257.755 | 9.12500 | 0.000000E+00 |
| 835 | -257.755 | 2.12500 | 0.000000E+00 |
| 836 | -255.422 | 9.12500 | 0.000000E+00 |
| 837 | -252.897 | 9.12500 | 0.000000E+00 |
| 838 | -252.897 | 2.12500 | 0.000000E+00 |
| 839 | -250.564 | 9.12500 | 0.000000E+00 |
| 840 | -248.039 | 9.12500 | 0.000000E+00 |
| 841 | -248.039 | 2.12500 | 0.000000E+00 |
| 842 | -245.706 | 9.12500 | 0.000000E+00 |
| 843 | -243.181 | 9.12500 | 0.000000E+00 |
| 844 | -243.181 | 2.12500 | 0.000000E+00 |
| 845 | -240.848 | 9.12500 | 0.000000E+00 |
| 846 | -238.323 | 9.12500 | 0.000000E+00 |
| 847 | -238.323 | 2.12500 | 0.000000E+00 |
| 848 | -235.990 | 9.12500 | 0.000000E+00 |
| 849 | -233.465 | 9.12500 | 0.000000E+00 |
| 850 | -233.465 | 2.12500 | 0.000000E+00 |
| 851 | -231.132 | 9.12500 | 0.000000E+00 |
| 852 | -223.750 | 9.12500 | 0.000000E+00 |
| 853 | -223.750 | 2.12500 | 0.000000E+00 |
| 854 | -221.417 | 9.12500 | 0.000000E+00 |
| 855 | -218.893 | 9.12500 | 0.000000E+00 |
| 856 | -218.893 | 2.12500 | 0.000000E+00 |
| 857 | -216.560 | 9.12500 | 0.000000E+00 |
| 858 | -214.036 | 9.12500 | 0.000000E+00 |
| 859 | -214.036 | 2.12500 | 0.000000E+00 |
| 860 | -211.703 | 9.12500 | 0.000000E+00 |
| 861 | -209.179 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 862 | -209.179 | 2.12500 | 0.000000E+00 |
| 863 | -206.846 | 9.12500 | 0.000000E+00 |
| 864 | -204.322 | 9.12500 | 0.000000E+00 |
| 865 | -204.322 | 2.12500 | 0.000000E+00 |
| 866 | -201.989 | 9.12500 | 0.000000E+00 |
| 867 | -199.465 | 9.12500 | 0.000000E+00 |
| 868 | -199.465 | 2.12500 | 0.000000E+00 |
| 869 | -197.132 | 9.12500 | 0.000000E+00 |
| 870 | -194.608 | 9.12500 | 0.000000E+00 |
| 871 | -194.608 | 2.12500 | 0.000000E+00 |
| 872 | -192.275 | 9.12500 | 0.000000E+00 |
| 873 | -189.751 | 9.12500 | 0.000000E+00 |
| 874 | -189.751 | 2.12500 | 0.000000E+00 |
| 875 | -187.418 | 9.12500 | 0.000000E+00 |
| 876 | -184.894 | 9.12500 | 0.000000E+00 |
| 877 | -184.894 | 2.12500 | 0.000000E+00 |
| 878 | -182.561 | 9.12500 | 0.000000E+00 |
| 879 | -175.182 | 9.12500 | 0.000000E+00 |
| 880 | -175.182 | 2.12500 | 0.000000E+00 |
| 881 | -172.849 | 9.12500 | 0.000000E+00 |
| 882 | -170.327 | 9.12500 | 0.000000E+00 |
| 883 | -170.327 | 2.12500 | 0.000000E+00 |
| 884 | -167.994 | 9.12500 | 0.000000E+00 |
| 885 | -165.472 | 9.12500 | 0.000000E+00 |
| 886 | -165.472 | 2.12500 | 0.000000E+00 |
| 887 | -163.139 | 9.12500 | 0.000000E+00 |
| 888 | -160.617 | 9.12500 | 0.000000E+00 |
| 889 | -160.617 | 2.12500 | 0.000000E+00 |
| 890 | -158.284 | 9.12500 | 0.000000E+00 |
| 891 | -155.762 | 9.12500 | 0.000000E+00 |
| 892 | -155.762 | 2.12500 | 0.000000E+00 |
| 893 | -153.429 | 9.12500 | 0.000000E+00 |
| 894 | -150.907 | 9.12500 | 0.000000E+00 |
| 895 | -150.907 | 2.12500 | 0.000000E+00 |
| 896 | -148.574 | 9.12500 | 0.000000E+00 |
| 897 | -146.052 | 9.12500 | 0.000000E+00 |
| 898 | -146.052 | 2.12500 | 0.000000E+00 |
| 899 | -143.719 | 9.12500 | 0.000000E+00 |
| 900 | -141.197 | 9.12500 | 0.000000E+00 |
| 901 | -141.197 | 2.12500 | 0.000000E+00 |
| 902 | -138.864 | 9.12500 | 0.000000E+00 |
| 903 | -136.342 | 9.12500 | 0.000000E+00 |
| 904 | -136.342 | 2.12500 | 0.000000E+00 |
| 905 | -134.009 | 9.12500 | 0.000000E+00 |
| 906 | -126.634 | 9.12500 | 0.000000E+00 |
| 907 | -126.634 | 2.12500 | 0.000000E+00 |
| 908 | -124.301 | 9.12500 | 0.000000E+00 |
| 909 | -121.781 | 9.12500 | 0.000000E+00 |
| 910 | -121.781 | 2.12500 | 0.000000E+00 |
| 911 | -119.448 | 9.12500 | 0.000000E+00 |
| 912 | -116.928 | 9.12500 | 0.000000E+00 |
| 913 | -116.928 | 2.12500 | 0.000000E+00 |
| 914 | -114.595 | 9.12500 | 0.000000E+00 |
| 915 | -112.075 | 9.12500 | 0.000000E+00 |
| 916 | -112.075 | 2.12500 | 0.000000E+00 |
| 917 | -109.742 | 9.12500 | 0.000000E+00 |
| 918 | -107.222 | 9.12500 | 0.000000E+00 |
| 919 | -107.222 | 2.12500 | 0.000000E+00 |
| 920 | -104.889 | 9.12500 | 0.000000E+00 |
| 921 | -102.369 | 9.12500 | 0.000000E+00 |
| 922 | -102.369 | 2.12500 | 0.000000E+00 |
| 923 | -100.036 | 9.12500 | 0.000000E+00 |
| 924 | -97.5160 | 9.12500 | 0.000000E+00 |
| 925 | -97.5160 | 2.12500 | 0.000000E+00 |
| 926 | -95.1827 | 9.12500 | 0.000000E+00 |
| 927 | -92.6630 | 9.12500 | 0.000000E+00 |
| 928 | -92.6630 | 2.12500 | 0.000000E+00 |
| 929 | -90.3297 | 9.12500 | 0.000000E+00 |
| 930 | -87.8100 | 9.12500 | 0.000000E+00 |
| 931 | -87.8100 | 2.12500 | 0.000000E+00 |
| 932 | -85.4767 | 9.12500 | 0.000000E+00 |
| 933 | -78.1060 | 9.12500 | 0.000000E+00 |
| 934 | -78.1060 | 2.12500 | 0.000000E+00 |
| 935 | -75.7727 | 9.12500 | 0.000000E+00 |
| 936 | -73.2550 | 9.12500 | 0.000000E+00 |
| 937 | -73.2550 | 2.12500 | 0.000000E+00 |
| 938 | -70.9217 | 9.12500 | 0.000000E+00 |
| 939 | -68.4040 | 9.12500 | 0.000000E+00 |
| 940 | -68.4040 | 2.12500 | 0.000000E+00 |
| 941 | -66.0707 | 9.12500 | 0.000000E+00 |
| 942 | -63.5530 | 9.12500 | 0.000000E+00 |
| 943 | -63.5530 | 2.12500 | 0.000000E+00 |
| 944 | -61.2197 | 9.12500 | 0.000000E+00 |
| 945 | -58.7020 | 9.12500 | 0.000000E+00 |
| 946 | -58.7020 | 2.12500 | 0.000000E+00 |
| 947 | -56.3687 | 9.12500 | 0.000000E+00 |
| 948 | -53.8510 | 9.12500 | 0.000000E+00 |
| 949 | -53.8510 | 2.12500 | 0.000000E+00 |
| 950 | -51.5177 | 9.12500 | 0.000000E+00 |
| 951 | -49.0000 | 9.12500 | 0.000000E+00 |
| 952 | -49.0000 | 2.12500 | 0.000000E+00 |
| 953 | -46.6667 | 9.12500 | 0.000000E+00 |
| 954 | -44.1490 | 9.12500 | 0.000000E+00 |
| 955 | -44.1490 | 2.12500 | 0.000000E+00 |
| 956 | -41.8157 | 9.12500 | 0.000000E+00 |
| 957 | -39.2980 | 9.12500 | 0.000000E+00 |
| 958 | -39.2980 | 2.12500 | 0.000000E+00 |
| 959 | -36.9647 | 9.12500 | 0.000000E+00 |
| 960 | 38.3980 | 9.12500 | 0.000000E+00 |
| 961 | 38.3980 | 2.12500 | 0.000000E+00 |
| 962 | 40.7313 | 9.12500 | 0.000000E+00 |
| 963 | 43.2490 | 9.12500 | 0.000000E+00 |
| 964 | 43.2490 | 2.12500 | 0.000000E+00 |
| 965 | 45.5823 | 9.12500 | 0.000000E+00 |
| 966 | 48.1000 | 9.12500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 967 | 48.1000 | 2.12500 | 0.000000E+00 |
| 968 | 50.4333 | 9.12500 | 0.000000E+00 |
| 969 | 52.9510 | 9.12500 | 0.000000E+00 |
| 970 | 52.9510 | 2.12500 | 0.000000E+00 |
| 971 | 55.2843 | 9.12500 | 0.000000E+00 |
| 972 | 57.8020 | 9.12500 | 0.000000E+00 |
| 973 | 57.8020 | 2.12500 | 0.000000E+00 |
| 974 | 60.1353 | 9.12500 | 0.000000E+00 |
| 975 | 62.6530 | 9.12500 | 0.000000E+00 |
| 976 | 62.6530 | 2.12500 | 0.000000E+00 |
| 977 | 64.9863 | 9.12500 | 0.000000E+00 |
| 978 | 67.5040 | 9.12500 | 0.000000E+00 |
| 979 | 67.5040 | 2.12500 | 0.000000E+00 |
| 980 | 69.8373 | 9.12500 | 0.000000E+00 |
| 981 | 72.3550 | 9.12500 | 0.000000E+00 |
| 982 | 72.3550 | 2.12500 | 0.000000E+00 |
| 983 | 74.6883 | 9.12500 | 0.000000E+00 |
| 984 | 77.2060 | 9.12500 | 0.000000E+00 |
| 985 | 77.2060 | 2.12500 | 0.000000E+00 |
| 986 | 79.5393 | 9.12500 | 0.000000E+00 |
| 987 | 86.9100 | 9.12500 | 0.000000E+00 |
| 988 | 86.9100 | 2.12500 | 0.000000E+00 |
| 989 | 89.2433 | 9.12500 | 0.000000E+00 |
| 990 | 91.7630 | 9.12500 | 0.000000E+00 |
| 991 | 91.7630 | 2.12500 | 0.000000E+00 |
| 992 | 94.0963 | 9.12500 | 0.000000E+00 |
| 993 | 96.6160 | 9.12500 | 0.000000E+00 |
| 994 | 96.6160 | 2.12500 | 0.000000E+00 |
| 995 | 98.9493 | 9.12500 | 0.000000E+00 |
| 996 | 101.469 | 9.12500 | 0.000000E+00 |
| 997 | 101.469 | 2.12500 | 0.000000E+00 |
| 998 | 103.802 | 9.12500 | 0.000000E+00 |
| 999 | 106.322 | 9.12500 | 0.000000E+00 |
| 1000 | 106.322 | 2.12500 | 0.000000E+00 |
| 1001 | 108.655 | 9.12500 | 0.000000E+00 |
| 1002 | 111.175 | 9.12500 | 0.000000E+00 |
| 1003 | 111.175 | 2.12500 | 0.000000E+00 |
| 1004 | 113.508 | 9.12500 | 0.000000E+00 |
| 1005 | 116.028 | 9.12500 | 0.000000E+00 |
| 1006 | 116.028 | 2.12500 | 0.000000E+00 |
| 1007 | 118.361 | 9.12500 | 0.000000E+00 |
| 1008 | 120.881 | 9.12500 | 0.000000E+00 |
| 1009 | 120.881 | 2.12500 | 0.000000E+00 |
| 1010 | 123.214 | 9.12500 | 0.000000E+00 |
| 1011 | 125.734 | 9.12500 | 0.000000E+00 |
| 1012 | 125.734 | 2.12500 | 0.000000E+00 |
| 1013 | 128.067 | 9.12500 | 0.000000E+00 |
| 1014 | 135.442 | 9.12500 | 0.000000E+00 |
| 1015 | 135.442 | 2.12500 | 0.000000E+00 |
| 1016 | 137.775 | 9.12500 | 0.000000E+00 |
| 1017 | 140.297 | 9.12500 | 0.000000E+00 |
| 1018 | 140.297 | 2.12500 | 0.000000E+00 |
| 1019 | 142.630 | 9.12500 | 0.000000E+00 |
| 1020 | 145.152 | 9.12500 | 0.000000E+00 |
| 1021 | 145.152 | 2.12500 | 0.000000E+00 |
| 1022 | 147.485 | 9.12500 | 0.000000E+00 |
| 1023 | 150.007 | 9.12500 | 0.000000E+00 |
| 1024 | 150.007 | 2.12500 | 0.000000E+00 |
| 1025 | 152.340 | 9.12500 | 0.000000E+00 |
| 1026 | 154.862 | 9.12500 | 0.000000E+00 |
| 1027 | 154.862 | 2.12500 | 0.000000E+00 |
| 1028 | 157.195 | 9.12500 | 0.000000E+00 |
| 1029 | 159.717 | 9.12500 | 0.000000E+00 |
| 1030 | 159.717 | 2.12500 | 0.000000E+00 |
| 1031 | 162.050 | 9.12500 | 0.000000E+00 |
| 1032 | 164.572 | 9.12500 | 0.000000E+00 |
| 1033 | 164.572 | 2.12500 | 0.000000E+00 |
| 1034 | 166.905 | 9.12500 | 0.000000E+00 |
| 1035 | 169.427 | 9.12500 | 0.000000E+00 |
| 1036 | 169.427 | 2.12500 | 0.000000E+00 |
| 1037 | 171.760 | 9.12500 | 0.000000E+00 |
| 1038 | 174.282 | 9.12500 | 0.000000E+00 |
| 1039 | 174.282 | 2.12500 | 0.000000E+00 |
| 1040 | 176.615 | 9.12500 | 0.000000E+00 |
| 1041 | 183.994 | 9.12500 | 0.000000E+00 |
| 1042 | 183.994 | 2.12500 | 0.000000E+00 |
| 1043 | 186.327 | 9.12500 | 0.000000E+00 |
| 1044 | 188.851 | 9.12500 | 0.000000E+00 |
| 1045 | 188.851 | 2.12500 | 0.000000E+00 |
| 1046 | 191.184 | 9.12500 | 0.000000E+00 |
| 1047 | 193.708 | 9.12500 | 0.000000E+00 |
| 1048 | 193.708 | 2.12500 | 0.000000E+00 |
| 1049 | 196.041 | 9.12500 | 0.000000E+00 |
| 1050 | 198.565 | 9.12500 | 0.000000E+00 |
| 1051 | 198.565 | 2.12500 | 0.000000E+00 |
| 1052 | 200.898 | 9.12500 | 0.000000E+00 |
| 1053 | 203.422 | 9.12500 | 0.000000E+00 |
| 1054 | 203.422 | 2.12500 | 0.000000E+00 |
| 1055 | 205.755 | 9.12500 | 0.000000E+00 |
| 1056 | 208.279 | 9.12500 | 0.000000E+00 |
| 1057 | 208.279 | 2.12500 | 0.000000E+00 |
| 1058 | 210.612 | 9.12500 | 0.000000E+00 |
| 1059 | 213.136 | 9.12500 | 0.000000E+00 |
| 1060 | 213.136 | 2.12500 | 0.000000E+00 |
| 1061 | 215.469 | 9.12500 | 0.000000E+00 |
| 1062 | 217.993 | 9.12500 | 0.000000E+00 |
| 1063 | 217.993 | 2.12500 | 0.000000E+00 |
| 1064 | 220.326 | 9.12500 | 0.000000E+00 |
| 1065 | 222.850 | 9.12500 | 0.000000E+00 |
| 1066 | 222.850 | 2.12500 | 0.000000E+00 |
| 1067 | 225.183 | 9.12500 | 0.000000E+00 |
| 1068 | 232.565 | 9.12500 | 0.000000E+00 |
| 1069 | 232.565 | 2.12500 | 0.000000E+00 |
| 1070 | 234.898 | 9.12500 | 0.000000E+00 |
| 1071 | 237.423 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1072 | 237.423 | 2.12500 | 0.000000E+00 |
| 1073 | 239.756 | 9.12500 | 0.000000E+00 |
| 1074 | 242.281 | 9.12500 | 0.000000E+00 |
| 1075 | 242.281 | 2.12500 | 0.000000E+00 |
| 1076 | 244.614 | 9.12500 | 0.000000E+00 |
| 1077 | 247.139 | 9.12500 | 0.000000E+00 |
| 1078 | 247.139 | 2.12500 | 0.000000E+00 |
| 1079 | 249.472 | 9.12500 | 0.000000E+00 |
| 1080 | 251.997 | 9.12500 | 0.000000E+00 |
| 1081 | 251.997 | 2.12500 | 0.000000E+00 |
| 1082 | 254.330 | 9.12500 | 0.000000E+00 |
| 1083 | 256.855 | 9.12500 | 0.000000E+00 |
| 1084 | 256.855 | 2.12500 | 0.000000E+00 |
| 1085 | 259.188 | 9.12500 | 0.000000E+00 |
| 1086 | 261.713 | 9.12500 | 0.000000E+00 |
| 1087 | 261.713 | 2.12500 | 0.000000E+00 |
| 1088 | 264.046 | 9.12500 | 0.000000E+00 |
| 1089 | 266.571 | 9.12500 | 0.000000E+00 |
| 1090 | 266.571 | 2.12500 | 0.000000E+00 |
| 1091 | 268.904 | 9.12500 | 0.000000E+00 |
| 1092 | 271.429 | 9.12500 | 0.000000E+00 |
| 1093 | 271.429 | 2.12500 | 0.000000E+00 |
| 1094 | 273.762 | 9.12500 | 0.000000E+00 |
| 1095 | 281.146 | 9.12500 | 0.000000E+00 |
| 1096 | 281.146 | 2.12500 | 0.000000E+00 |
| 1097 | 283.479 | 9.12500 | 0.000000E+00 |
| 1098 | 286.005 | 9.12500 | 0.000000E+00 |
| 1099 | 286.005 | 2.12500 | 0.000000E+00 |
| 1100 | 288.338 | 9.12500 | 0.000000E+00 |
| 1101 | 290.864 | 9.12500 | 0.000000E+00 |
| 1102 | 290.864 | 2.12500 | 0.000000E+00 |
| 1103 | 293.197 | 9.12500 | 0.000000E+00 |
| 1104 | 295.723 | 9.12500 | 0.000000E+00 |
| 1105 | 295.723 | 2.12500 | 0.000000E+00 |
| 1106 | 298.056 | 9.12500 | 0.000000E+00 |
| 1107 | 300.582 | 9.12500 | 0.000000E+00 |
| 1108 | 300.582 | 2.12500 | 0.000000E+00 |
| 1109 | 302.915 | 9.12500 | 0.000000E+00 |
| 1110 | 305.441 | 9.12500 | 0.000000E+00 |
| 1111 | 305.441 | 2.12500 | 0.000000E+00 |
| 1112 | 307.774 | 9.12500 | 0.000000E+00 |
| 1113 | 310.300 | 9.12500 | 0.000000E+00 |
| 1114 | 310.300 | 2.12500 | 0.000000E+00 |
| 1115 | 312.633 | 9.12500 | 0.000000E+00 |
| 1116 | 315.159 | 9.12500 | 0.000000E+00 |
| 1117 | 315.159 | 2.12500 | 0.000000E+00 |
| 1118 | 317.492 | 9.12500 | 0.000000E+00 |
| 1119 | 320.018 | 9.12500 | 0.000000E+00 |
| 1120 | 320.018 | 2.12500 | 0.000000E+00 |
| 1121 | 322.351 | 9.12500 | 0.000000E+00 |
| 1122 | 329.747 | 9.12500 | 0.000000E+00 |
| 1123 | 329.747 | 2.12500 | 0.000000E+00 |
| 1124 | 332.080 | 9.12500 | 0.000000E+00 |
| 1125 | 334.617 | 9.12500 | 0.000000E+00 |
| 1126 | 334.617 | 2.12500 | 0.000000E+00 |
| 1127 | 336.951 | 9.12500 | 0.000000E+00 |
| 1128 | 339.487 | 9.12500 | 0.000000E+00 |
| 1129 | 339.487 | 2.12500 | 0.000000E+00 |
| 1130 | 341.821 | 9.12500 | 0.000000E+00 |
| 1131 | 344.357 | 9.12500 | 0.000000E+00 |
| 1132 | 344.357 | 2.12500 | 0.000000E+00 |
| 1133 | 346.691 | 9.12500 | 0.000000E+00 |
| 1134 | 349.227 | 9.12500 | 0.000000E+00 |
| 1135 | 349.227 | 2.12500 | 0.000000E+00 |
| 1136 | 351.561 | 9.12500 | 0.000000E+00 |
| 1137 | 354.098 | 9.12500 | 0.000000E+00 |
| 1138 | 354.098 | 2.12500 | 0.000000E+00 |
| 1139 | 356.431 | 9.12500 | 0.000000E+00 |
| 1140 | 358.968 | 9.12500 | 0.000000E+00 |
| 1141 | 358.968 | 2.12500 | 0.000000E+00 |
| 1142 | 361.301 | 9.12500 | 0.000000E+00 |
| 1143 | 363.838 | 9.12500 | 0.000000E+00 |
| 1144 | 363.838 | 2.12500 | 0.000000E+00 |
| 1145 | 366.171 | 9.12500 | 0.000000E+00 |
| 1146 | 368.708 | 9.12500 | 0.000000E+00 |
| 1147 | 368.708 | 2.12500 | 0.000000E+00 |
| 1148 | 371.041 | 9.12500 | 0.000000E+00 |
| 1149 | -323.444 | 9.12500 | 0.000000E+00 |
| 1150 | -274.854 | 9.12500 | 0.000000E+00 |
| 1151 | -226.274 | 9.12500 | 0.000000E+00 |
| 1152 | -177.704 | 9.12500 | 0.000000E+00 |
| 1153 | -129.154 | 9.12500 | 0.000000E+00 |
| 1154 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1155 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1156 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1157 | 2.833333 | 9.12500 | 0.000000E+00 |
| 1158 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1159 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1160 | 132.920 | 9.12500 | 0.000000E+00 |
| 1161 | 181.470 | 9.12500 | 0.000000E+00 |
| 1162 | 230.040 | 9.12500 | 0.000000E+00 |
| 1163 | -357.476 | 9.12500 | 0.000000E+00 |
| 1164 | 278.620 | 9.12500 | 0.000000E+00 |
| 1165 | 327.210 | 9.12500 | 0.000000E+00 |
| 1166 | 375.911 | 9.12500 | 0.000000E+00 |
| 1167 | -352.614 | 9.12500 | 0.000000E+00 |
| 1168 | -347.752 | 9.12500 | 0.000000E+00 |
| 1169 | -342.891 | 9.12500 | 0.000000E+00 |
| 1170 | -338.029 | 9.12500 | 0.000000E+00 |
| 1171 | -333.167 | 9.12500 | 0.000000E+00 |
| 1172 | -328.305 | 9.12500 | 0.000000E+00 |
| 1173 | -27.3927 | 9.12500 | 0.000000E+00 |
| 1174 | -22.6717 | 9.12500 | 0.000000E+00 |
| 1175 | -17.9507 | 9.12500 | 0.000000E+00 |
| 1176 | -13.2297 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1177 | -8.50867 | 9.12500 | 0.000000E+00 |
| 1178 | -3.78767 | 9.12500 | 0.000000E+00 |
| 1179 | 7.55433 | 9.12500 | 0.000000E+00 |
| 1180 | 12.2753 | 9.12500 | 0.000000E+00 |
| 1181 | 16.9963 | 9.12500 | 0.000000E+00 |
| 1182 | 21.7173 | 9.12500 | 0.000000E+00 |
| 1183 | 26.4383 | 9.12500 | 0.000000E+00 |
| 1184 | 31.1593 | 9.12500 | 0.000000E+00 |
| 1185 | 380.773 | 9.12500 | 0.000000E+00 |
| 1186 | 385.635 | 9.12500 | 0.000000E+00 |
| 1187 | 390.496 | 9.12500 | 0.000000E+00 |
| 1188 | 395.358 | 9.12500 | 0.000000E+00 |
| 1189 | 400.220 | 9.12500 | 0.000000E+00 |
| 1190 | 405.082 | 9.12500 | 0.000000E+00 |
| 1191 | -318.585 | 9.12500 | 0.000000E+00 |
| 1192 | -313.726 | 9.12500 | 0.000000E+00 |
| 1193 | -308.867 | 9.12500 | 0.000000E+00 |
| 1194 | -304.008 | 9.12500 | 0.000000E+00 |
| 1195 | -299.149 | 9.12500 | 0.000000E+00 |
| 1196 | -294.290 | 9.12500 | 0.000000E+00 |
| 1197 | -289.431 | 9.12500 | 0.000000E+00 |
| 1198 | -284.572 | 9.12500 | 0.000000E+00 |
| 1199 | -279.713 | 9.12500 | 0.000000E+00 |
| 1200 | -269.996 | 9.12500 | 0.000000E+00 |
| 1201 | -265.138 | 9.12500 | 0.000000E+00 |
| 1202 | -260.280 | 9.12500 | 0.000000E+00 |
| 1203 | -255.422 | 9.12500 | 0.000000E+00 |
| 1204 | -250.564 | 9.12500 | 0.000000E+00 |
| 1205 | -245.706 | 9.12500 | 0.000000E+00 |
| 1206 | -240.848 | 9.12500 | 0.000000E+00 |
| 1207 | -235.990 | 9.12500 | 0.000000E+00 |
| 1208 | -231.132 | 9.12500 | 0.000000E+00 |
| 1209 | -221.417 | 9.12500 | 0.000000E+00 |
| 1210 | -216.560 | 9.12500 | 0.000000E+00 |
| 1211 | -211.703 | 9.12500 | 0.000000E+00 |
| 1212 | -206.846 | 9.12500 | 0.000000E+00 |
| 1213 | -201.989 | 9.12500 | 0.000000E+00 |
| 1214 | -197.132 | 9.12500 | 0.000000E+00 |
| 1215 | -192.275 | 9.12500 | 0.000000E+00 |
| 1216 | -187.418 | 9.12500 | 0.000000E+00 |
| 1217 | -182.561 | 9.12500 | 0.000000E+00 |
| 1218 | -172.849 | 9.12500 | 0.000000E+00 |
| 1219 | -167.994 | 9.12500 | 0.000000E+00 |
| 1220 | -163.139 | 9.12500 | 0.000000E+00 |
| 1221 | -158.284 | 9.12500 | 0.000000E+00 |
| 1222 | -153.429 | 9.12500 | 0.000000E+00 |
| 1223 | -148.574 | 9.12500 | 0.000000E+00 |
| 1224 | -143.719 | 9.12500 | 0.000000E+00 |
| 1225 | -138.864 | 9.12500 | 0.000000E+00 |
| 1226 | -134.009 | 9.12500 | 0.000000E+00 |
| 1227 | -124.301 | 9.12500 | 0.000000E+00 |
| 1228 | -119.448 | 9.12500 | 0.000000E+00 |
| 1229 | -114.595 | 9.12500 | 0.000000E+00 |
| 1230 | -109.742 | 9.12500 | 0.000000E+00 |
| 1231 | -104.889 | 9.12500 | 0.000000E+00 |
| 1232 | -100.036 | 9.12500 | 0.000000E+00 |
| 1233 | -95.1827 | 9.12500 | 0.000000E+00 |
| 1234 | -90.3297 | 9.12500 | 0.000000E+00 |
| 1235 | -85.4767 | 9.12500 | 0.000000E+00 |
| 1236 | -75.7727 | 9.12500 | 0.000000E+00 |
| 1237 | -70.9217 | 9.12500 | 0.000000E+00 |
| 1238 | -66.0707 | 9.12500 | 0.000000E+00 |
| 1239 | -61.2197 | 9.12500 | 0.000000E+00 |
| 1240 | -56.3687 | 9.12500 | 0.000000E+00 |
| 1241 | -51.5177 | 9.12500 | 0.000000E+00 |
| 1242 | -46.6667 | 9.12500 | 0.000000E+00 |
| 1243 | -41.8157 | 9.12500 | 0.000000E+00 |
| 1244 | -36.9647 | 9.12500 | 0.000000E+00 |
| 1245 | 40.7313 | 9.12500 | 0.000000E+00 |
| 1246 | 45.5823 | 9.12500 | 0.000000E+00 |
| 1247 | 50.4333 | 9.12500 | 0.000000E+00 |
| 1248 | 55.2843 | 9.12500 | 0.000000E+00 |
| 1249 | 60.1353 | 9.12500 | 0.000000E+00 |
| 1250 | 64.9863 | 9.12500 | 0.000000E+00 |
| 1251 | 69.8373 | 9.12500 | 0.000000E+00 |
| 1252 | 74.6883 | 9.12500 | 0.000000E+00 |
| 1253 | 79.5393 | 9.12500 | 0.000000E+00 |
| 1254 | 89.2433 | 9.12500 | 0.000000E+00 |
| 1255 | 94.0963 | 9.12500 | 0.000000E+00 |
| 1256 | 98.9493 | 9.12500 | 0.000000E+00 |
| 1257 | 103.802 | 9.12500 | 0.000000E+00 |
| 1258 | 108.655 | 9.12500 | 0.000000E+00 |
| 1259 | 113.508 | 9.12500 | 0.000000E+00 |
| 1260 | 118.361 | 9.12500 | 0.000000E+00 |
| 1261 | 123.214 | 9.12500 | 0.000000E+00 |
| 1262 | 128.067 | 9.12500 | 0.000000E+00 |
| 1263 | 137.775 | 9.12500 | 0.000000E+00 |
| 1264 | 142.630 | 9.12500 | 0.000000E+00 |
| 1265 | 147.485 | 9.12500 | 0.000000E+00 |
| 1266 | 152.340 | 9.12500 | 0.000000E+00 |
| 1267 | 157.195 | 9.12500 | 0.000000E+00 |
| 1268 | 162.050 | 9.12500 | 0.000000E+00 |
| 1269 | 166.905 | 9.12500 | 0.000000E+00 |
| 1270 | 171.760 | 9.12500 | 0.000000E+00 |
| 1271 | 176.615 | 9.12500 | 0.000000E+00 |
| 1272 | 186.327 | 9.12500 | 0.000000E+00 |
| 1273 | 191.184 | 9.12500 | 0.000000E+00 |
| 1274 | 196.041 | 9.12500 | 0.000000E+00 |
| 1275 | 200.898 | 9.12500 | 0.000000E+00 |
| 1276 | 205.755 | 9.12500 | 0.000000E+00 |
| 1277 | 210.612 | 9.12500 | 0.000000E+00 |
| 1278 | 215.469 | 9.12500 | 0.000000E+00 |
| 1279 | 220.326 | 9.12500 | 0.000000E+00 |
| 1280 | 225.183 | 9.12500 | 0.000000E+00 |
| 1281 | 234.898 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1282 | 239.756 | 9.12500 | 0.000000E+00 |
| 1283 | 244.614 | 9.12500 | 0.000000E+00 |
| 1284 | 249.472 | 9.12500 | 0.000000E+00 |
| 1285 | 254.330 | 9.12500 | 0.000000E+00 |
| 1286 | 259.188 | 9.12500 | 0.000000E+00 |
| 1287 | 264.046 | 9.12500 | 0.000000E+00 |
| 1288 | 268.904 | 9.12500 | 0.000000E+00 |
| 1289 | 273.762 | 9.12500 | 0.000000E+00 |
| 1290 | 283.479 | 9.12500 | 0.000000E+00 |
| 1291 | 288.338 | 9.12500 | 0.000000E+00 |
| 1292 | 293.197 | 9.12500 | 0.000000E+00 |
| 1293 | 298.056 | 9.12500 | 0.000000E+00 |
| 1294 | 302.915 | 9.12500 | 0.000000E+00 |
| 1295 | 307.774 | 9.12500 | 0.000000E+00 |
| 1296 | 312.633 | 9.12500 | 0.000000E+00 |
| 1297 | 317.492 | 9.12500 | 0.000000E+00 |
| 1298 | 322.351 | 9.12500 | 0.000000E+00 |
| 1299 | 332.080 | 9.12500 | 0.000000E+00 |
| 1300 | 336.951 | 9.12500 | 0.000000E+00 |
| 1301 | 341.821 | 9.12500 | 0.000000E+00 |
| 1302 | 346.691 | 9.12500 | 0.000000E+00 |
| 1303 | 351.561 | 9.12500 | 0.000000E+00 |
| 1304 | 356.431 | 9.12500 | 0.000000E+00 |
| 1305 | 361.301 | 9.12500 | 0.000000E+00 |
| 1306 | 366.171 | 9.12500 | 0.000000E+00 |
| 1307 | 371.041 | 9.12500 | 0.000000E+00 |
| 1308 | -323.444 | 9.12500 | 0.000000E+00 |
| 1309 | -274.854 | 9.12500 | 0.000000E+00 |
| 1310 | -226.274 | 9.12500 | 0.000000E+00 |
| 1311 | -177.704 | 9.12500 | 0.000000E+00 |
| 1312 | -129.154 | 9.12500 | 0.000000E+00 |
| 1313 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1314 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1315 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1316 | 2.83333 | 9.12500 | 0.000000E+00 |
| 1317 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1318 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1319 | 132.920 | 9.12500 | 0.000000E+00 |
| 1320 | 181.470 | 9.12500 | 0.000000E+00 |
| 1321 | 230.040 | 9.12500 | 0.000000E+00 |
| 1322 | -359.809 | 0.000000E+00 | 0.000000E+00 |
| 1323 | -358.809 | 2.12500 | 0.000000E+00 |
| 1324 | 276.287 | 0.000000E+00 | 0.000000E+00 |
| 1325 | 277.287 | 2.12500 | 0.000000E+00 |
| 1326 | 324.877 | 0.000000E+00 | 0.000000E+00 |
| 1327 | 325.877 | 2.12500 | 0.000000E+00 |
| 1328 | -354.947 | 0.000000E+00 | 0.000000E+00 |
| 1329 | -353.947 | 2.12500 | 0.000000E+00 |
| 1330 | -350.086 | 0.000000E+00 | 0.000000E+00 |
| 1331 | -349.086 | 2.12500 | 0.000000E+00 |
| 1332 | -345.224 | 0.000000E+00 | 0.000000E+00 |
| 1333 | -344.224 | 2.12500 | 0.000000E+00 |
| 1334 | -340.362 | 0.000000E+00 | 0.000000E+00 |
| 1335 | -339.362 | 2.12500 | 0.000000E+00 |
| 1336 | -335.500 | 0.000000E+00 | 0.000000E+00 |
| 1337 | -334.500 | 2.12500 | 0.000000E+00 |
| 1338 | -330.639 | 0.000000E+00 | 0.000000E+00 |
| 1339 | -329.639 | 2.12500 | 0.000000E+00 |
| 1340 | -29.7260 | 0.000000E+00 | 0.000000E+00 |
| 1341 | -28.7260 | 2.12500 | 0.000000E+00 |
| 1342 | -25.0050 | 0.000000E+00 | 0.000000E+00 |
| 1343 | -24.0050 | 2.12500 | 0.000000E+00 |
| 1344 | -20.2840 | 0.000000E+00 | 0.000000E+00 |
| 1345 | -19.2840 | 2.12500 | 0.000000E+00 |
| 1346 | -15.5630 | 0.000000E+00 | 0.000000E+00 |
| 1347 | -14.5630 | 2.12500 | 0.000000E+00 |
| 1348 | -10.8420 | 0.000000E+00 | 0.000000E+00 |
| 1349 | -9.84200 | 2.12500 | 0.000000E+00 |
| 1350 | -6.12100 | 0.000000E+00 | 0.000000E+00 |
| 1351 | -5.12100 | 2.12500 | 0.000000E+00 |
| 1352 | 5.22100 | 0.000000E+00 | 0.000000E+00 |
| 1353 | 6.22100 | 2.12500 | 0.000000E+00 |
| 1354 | 9.94200 | 0.000000E+00 | 0.000000E+00 |
| 1355 | 10.9420 | 2.12500 | 0.000000E+00 |
| 1356 | 14.6630 | 0.000000E+00 | 0.000000E+00 |
| 1357 | 15.6630 | 2.12500 | 0.000000E+00 |
| 1358 | 19.3840 | 0.000000E+00 | 0.000000E+00 |
| 1359 | 20.3840 | 2.12500 | 0.000000E+00 |
| 1360 | 24.1050 | 0.000000E+00 | 0.000000E+00 |
| 1361 | 25.1050 | 2.12500 | 0.000000E+00 |
| 1362 | 28.8260 | 0.000000E+00 | 0.000000E+00 |
| 1363 | 29.8260 | 2.12500 | 0.000000E+00 |
| 1364 | -320.918 | 0.000000E+00 | 0.000000E+00 |
| 1365 | -319.918 | 2.12500 | 0.000000E+00 |
| 1366 | -316.059 | 0.000000E+00 | 0.000000E+00 |
| 1367 | -315.059 | 2.12500 | 0.000000E+00 |
| 1368 | -311.200 | 0.000000E+00 | 0.000000E+00 |
| 1369 | -310.200 | 2.12500 | 0.000000E+00 |
| 1370 | -306.341 | 0.000000E+00 | 0.000000E+00 |
| 1371 | -305.341 | 2.12500 | 0.000000E+00 |
| 1372 | -301.482 | 0.000000E+00 | 0.000000E+00 |
| 1373 | -300.482 | 2.12500 | 0.000000E+00 |
| 1374 | -296.623 | 0.000000E+00 | 0.000000E+00 |
| 1375 | -295.623 | 2.12500 | 0.000000E+00 |
| 1376 | -291.764 | 0.000000E+00 | 0.000000E+00 |
| 1377 | -290.764 | 2.12500 | 0.000000E+00 |
| 1378 | -286.905 | 0.000000E+00 | 0.000000E+00 |
| 1379 | -285.905 | 2.12500 | 0.000000E+00 |
| 1380 | -282.046 | 0.000000E+00 | 0.000000E+00 |
| 1381 | -281.046 | 2.12500 | 0.000000E+00 |
| 1382 | -272.329 | 0.000000E+00 | 0.000000E+00 |
| 1383 | -271.329 | 2.12500 | 0.000000E+00 |
| 1384 | -267.471 | 0.000000E+00 | 0.000000E+00 |
| 1385 | -266.471 | 2.12500 | 0.000000E+00 |
| 1386 | -262.613 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1387 | -261.613 | 2.12500 | 0.000000E+00 |
| 1388 | -257.755 | 0.000000E+00 | 0.000000E+00 |
| 1389 | -256.755 | 2.12500 | 0.000000E+00 |
| 1390 | -252.897 | 0.000000E+00 | 0.000000E+00 |
| 1391 | -251.897 | 2.12500 | 0.000000E+00 |
| 1392 | -248.039 | 0.000000E+00 | 0.000000E+00 |
| 1393 | -247.039 | 2.12500 | 0.000000E+00 |
| 1394 | -243.181 | 0.000000E+00 | 0.000000E+00 |
| 1395 | -242.181 | 2.12500 | 0.000000E+00 |
| 1396 | -238.323 | 0.000000E+00 | 0.000000E+00 |
| 1397 | -237.323 | 2.12500 | 0.000000E+00 |
| 1398 | -233.465 | 0.000000E+00 | 0.000000E+00 |
| 1399 | -232.465 | 2.12500 | 0.000000E+00 |
| 1400 | -223.750 | 0.000000E+00 | 0.000000E+00 |
| 1401 | -222.750 | 2.12500 | 0.000000E+00 |
| 1402 | -218.893 | 0.000000E+00 | 0.000000E+00 |
| 1403 | -217.893 | 2.12500 | 0.000000E+00 |
| 1404 | -214.036 | 0.000000E+00 | 0.000000E+00 |
| 1405 | -213.036 | 2.12500 | 0.000000E+00 |
| 1406 | -209.179 | 0.000000E+00 | 0.000000E+00 |
| 1407 | -208.179 | 2.12500 | 0.000000E+00 |
| 1408 | -204.322 | 0.000000E+00 | 0.000000E+00 |
| 1409 | -203.322 | 2.12500 | 0.000000E+00 |
| 1410 | -199.465 | 0.000000E+00 | 0.000000E+00 |
| 1411 | -198.465 | 2.12500 | 0.000000E+00 |
| 1412 | -194.608 | 0.000000E+00 | 0.000000E+00 |
| 1413 | -193.608 | 2.12500 | 0.000000E+00 |
| 1414 | -189.751 | 0.000000E+00 | 0.000000E+00 |
| 1415 | -188.751 | 2.12500 | 0.000000E+00 |
| 1416 | -184.894 | 0.000000E+00 | 0.000000E+00 |
| 1417 | -183.894 | 2.12500 | 0.000000E+00 |
| 1418 | -175.182 | 0.000000E+00 | 0.000000E+00 |
| 1419 | -174.182 | 2.12500 | 0.000000E+00 |
| 1420 | -170.327 | 0.000000E+00 | 0.000000E+00 |
| 1421 | -169.327 | 2.12500 | 0.000000E+00 |
| 1422 | -165.472 | 0.000000E+00 | 0.000000E+00 |
| 1423 | -164.472 | 2.12500 | 0.000000E+00 |
| 1424 | -160.617 | 0.000000E+00 | 0.000000E+00 |
| 1425 | -159.617 | 2.12500 | 0.000000E+00 |
| 1426 | -155.762 | 0.000000E+00 | 0.000000E+00 |
| 1427 | -154.762 | 2.12500 | 0.000000E+00 |
| 1428 | -150.907 | 0.000000E+00 | 0.000000E+00 |
| 1429 | -149.907 | 2.12500 | 0.000000E+00 |
| 1430 | -146.052 | 0.000000E+00 | 0.000000E+00 |
| 1431 | -145.052 | 2.12500 | 0.000000E+00 |
| 1432 | -141.197 | 0.000000E+00 | 0.000000E+00 |
| 1433 | -140.197 | 2.12500 | 0.000000E+00 |
| 1434 | -136.342 | 0.000000E+00 | 0.000000E+00 |
| 1435 | -135.342 | 2.12500 | 0.000000E+00 |
| 1436 | -126.634 | 0.000000E+00 | 0.000000E+00 |
| 1437 | -125.634 | 2.12500 | 0.000000E+00 |
| 1438 | -121.781 | 0.000000E+00 | 0.000000E+00 |
| 1439 | -120.781 | 2.12500 | 0.000000E+00 |
| 1440 | -116.928 | 0.000000E+00 | 0.000000E+00 |
| 1441 | -115.928 | 2.12500 | 0.000000E+00 |
| 1442 | -112.075 | 0.000000E+00 | 0.000000E+00 |
| 1443 | -111.075 | 2.12500 | 0.000000E+00 |
| 1444 | -107.222 | 0.000000E+00 | 0.000000E+00 |
| 1445 | -106.222 | 2.12500 | 0.000000E+00 |
| 1446 | -102.369 | 0.000000E+00 | 0.000000E+00 |
| 1447 | -101.369 | 2.12500 | 0.000000E+00 |
| 1448 | -97.5160 | 0.000000E+00 | 0.000000E+00 |
| 1449 | -96.5160 | 2.12500 | 0.000000E+00 |
| 1450 | -92.6630 | 0.000000E+00 | 0.000000E+00 |
| 1451 | -91.6630 | 2.12500 | 0.000000E+00 |
| 1452 | -87.8100 | 0.000000E+00 | 0.000000E+00 |
| 1453 | -86.8100 | 2.12500 | 0.000000E+00 |
| 1454 | -78.1060 | 0.000000E+00 | 0.000000E+00 |
| 1455 | -77.1060 | 2.12500 | 0.000000E+00 |
| 1456 | -73.2550 | 0.000000E+00 | 0.000000E+00 |
| 1457 | -72.2550 | 2.12500 | 0.000000E+00 |
| 1458 | -68.4040 | 0.000000E+00 | 0.000000E+00 |
| 1459 | -67.4040 | 2.12500 | 0.000000E+00 |
| 1460 | -63.5530 | 0.000000E+00 | 0.000000E+00 |
| 1461 | -62.5530 | 2.12500 | 0.000000E+00 |
| 1462 | -58.7020 | 0.000000E+00 | 0.000000E+00 |
| 1463 | -57.7020 | 2.12500 | 0.000000E+00 |
| 1464 | -53.8510 | 0.000000E+00 | 0.000000E+00 |
| 1465 | -52.8510 | 2.12500 | 0.000000E+00 |
| 1466 | -49.0000 | 0.000000E+00 | 0.000000E+00 |
| 1467 | -48.0000 | 2.12500 | 0.000000E+00 |
| 1468 | -44.1490 | 0.000000E+00 | 0.000000E+00 |
| 1469 | -43.1490 | 2.12500 | 0.000000E+00 |
| 1470 | -39.2980 | 0.000000E+00 | 0.000000E+00 |
| 1471 | -38.2980 | 2.12500 | 0.000000E+00 |
| 1472 | 38.3980 | 0.000000E+00 | 0.000000E+00 |
| 1473 | 39.3980 | 2.12500 | 0.000000E+00 |
| 1474 | 43.2490 | 0.000000E+00 | 0.000000E+00 |
| 1475 | 44.2490 | 2.12500 | 0.000000E+00 |
| 1476 | 48.1000 | 0.000000E+00 | 0.000000E+00 |
| 1477 | 49.1000 | 2.12500 | 0.000000E+00 |
| 1478 | 52.9510 | 0.000000E+00 | 0.000000E+00 |
| 1479 | 53.9510 | 2.12500 | 0.000000E+00 |
| 1480 | 57.8020 | 0.000000E+00 | 0.000000E+00 |
| 1481 | 58.8020 | 2.12500 | 0.000000E+00 |
| 1482 | 62.6530 | 0.000000E+00 | 0.000000E+00 |
| 1483 | 63.6530 | 2.12500 | 0.000000E+00 |
| 1484 | 67.5040 | 0.000000E+00 | 0.000000E+00 |
| 1485 | 68.5040 | 2.12500 | 0.000000E+00 |
| 1486 | 72.3550 | 0.000000E+00 | 0.000000E+00 |
| 1487 | 73.3550 | 2.12500 | 0.000000E+00 |
| 1488 | 77.2060 | 0.000000E+00 | 0.000000E+00 |
| 1489 | 78.2060 | 2.12500 | 0.000000E+00 |
| 1490 | 86.9100 | 0.000000E+00 | 0.000000E+00 |
| 1491 | 87.9100 | 2.12500 | 0.000000E+00 |

| | | | |
|------|---------|--------------|--------------|
| 1492 | 91.7630 | 0.000000E+00 | 0.000000E+00 |
| 1493 | 92.7630 | 2.12500 | 0.000000E+00 |
| 1494 | 96.6160 | 0.000000E+00 | 0.000000E+00 |
| 1495 | 97.6160 | 2.12500 | 0.000000E+00 |
| 1496 | 101.469 | 0.000000E+00 | 0.000000E+00 |
| 1497 | 102.469 | 2.12500 | 0.000000E+00 |
| 1498 | 106.322 | 0.000000E+00 | 0.000000E+00 |
| 1499 | 107.322 | 2.12500 | 0.000000E+00 |
| 1500 | 111.175 | 0.000000E+00 | 0.000000E+00 |
| 1501 | 112.175 | 2.12500 | 0.000000E+00 |
| 1502 | 116.028 | 0.000000E+00 | 0.000000E+00 |
| 1503 | 117.028 | 2.12500 | 0.000000E+00 |
| 1504 | 120.881 | 0.000000E+00 | 0.000000E+00 |
| 1505 | 121.881 | 2.12500 | 0.000000E+00 |
| 1506 | 125.734 | 0.000000E+00 | 0.000000E+00 |
| 1507 | 126.734 | 2.12500 | 0.000000E+00 |
| 1508 | 135.442 | 0.000000E+00 | 0.000000E+00 |
| 1509 | 136.442 | 2.12500 | 0.000000E+00 |
| 1510 | 140.297 | 0.000000E+00 | 0.000000E+00 |
| 1511 | 141.297 | 2.12500 | 0.000000E+00 |
| 1512 | 145.152 | 0.000000E+00 | 0.000000E+00 |
| 1513 | 146.152 | 2.12500 | 0.000000E+00 |
| 1514 | 150.007 | 0.000000E+00 | 0.000000E+00 |
| 1515 | 151.007 | 2.12500 | 0.000000E+00 |
| 1516 | 154.862 | 0.000000E+00 | 0.000000E+00 |
| 1517 | 155.862 | 2.12500 | 0.000000E+00 |
| 1518 | 159.717 | 0.000000E+00 | 0.000000E+00 |
| 1519 | 160.717 | 2.12500 | 0.000000E+00 |
| 1520 | 164.572 | 0.000000E+00 | 0.000000E+00 |
| 1521 | 165.572 | 2.12500 | 0.000000E+00 |
| 1522 | 169.427 | 0.000000E+00 | 0.000000E+00 |
| 1523 | 170.427 | 2.12500 | 0.000000E+00 |
| 1524 | 174.282 | 0.000000E+00 | 0.000000E+00 |
| 1525 | 175.282 | 2.12500 | 0.000000E+00 |
| 1526 | 183.994 | 0.000000E+00 | 0.000000E+00 |
| 1527 | 184.994 | 2.12500 | 0.000000E+00 |
| 1528 | 188.851 | 0.000000E+00 | 0.000000E+00 |
| 1529 | 189.851 | 2.12500 | 0.000000E+00 |
| 1530 | 193.708 | 0.000000E+00 | 0.000000E+00 |
| 1531 | 194.708 | 2.12500 | 0.000000E+00 |
| 1532 | 198.565 | 0.000000E+00 | 0.000000E+00 |
| 1533 | 199.565 | 2.12500 | 0.000000E+00 |
| 1534 | 203.422 | 0.000000E+00 | 0.000000E+00 |
| 1535 | 204.422 | 2.12500 | 0.000000E+00 |
| 1536 | 208.279 | 0.000000E+00 | 0.000000E+00 |
| 1537 | 209.279 | 2.12500 | 0.000000E+00 |
| 1538 | 213.136 | 0.000000E+00 | 0.000000E+00 |
| 1539 | 214.136 | 2.12500 | 0.000000E+00 |
| 1540 | 217.993 | 0.000000E+00 | 0.000000E+00 |
| 1541 | 218.993 | 2.12500 | 0.000000E+00 |
| 1542 | 222.850 | 0.000000E+00 | 0.000000E+00 |
| 1543 | 223.850 | 2.12500 | 0.000000E+00 |
| 1544 | 232.565 | 0.000000E+00 | 0.000000E+00 |
| 1545 | 233.565 | 2.12500 | 0.000000E+00 |
| 1546 | 237.423 | 0.000000E+00 | 0.000000E+00 |
| 1547 | 238.423 | 2.12500 | 0.000000E+00 |
| 1548 | 242.281 | 0.000000E+00 | 0.000000E+00 |
| 1549 | 243.281 | 2.12500 | 0.000000E+00 |
| 1550 | 247.139 | 0.000000E+00 | 0.000000E+00 |
| 1551 | 248.139 | 2.12500 | 0.000000E+00 |
| 1552 | 251.997 | 0.000000E+00 | 0.000000E+00 |
| 1553 | 252.997 | 2.12500 | 0.000000E+00 |
| 1554 | 256.855 | 0.000000E+00 | 0.000000E+00 |
| 1555 | 257.855 | 2.12500 | 0.000000E+00 |
| 1556 | 261.713 | 0.000000E+00 | 0.000000E+00 |
| 1557 | 262.713 | 2.12500 | 0.000000E+00 |
| 1558 | 266.571 | 0.000000E+00 | 0.000000E+00 |
| 1559 | 267.571 | 2.12500 | 0.000000E+00 |
| 1560 | 271.429 | 0.000000E+00 | 0.000000E+00 |
| 1561 | 272.429 | 2.12500 | 0.000000E+00 |
| 1562 | 281.146 | 0.000000E+00 | 0.000000E+00 |
| 1563 | 282.146 | 2.12500 | 0.000000E+00 |
| 1564 | 286.005 | 0.000000E+00 | 0.000000E+00 |
| 1565 | 287.005 | 2.12500 | 0.000000E+00 |
| 1566 | 290.864 | 0.000000E+00 | 0.000000E+00 |
| 1567 | 291.864 | 2.12500 | 0.000000E+00 |
| 1568 | 295.723 | 0.000000E+00 | 0.000000E+00 |
| 1569 | 296.723 | 2.12500 | 0.000000E+00 |
| 1570 | 300.582 | 0.000000E+00 | 0.000000E+00 |
| 1571 | 301.582 | 2.12500 | 0.000000E+00 |
| 1572 | 305.441 | 0.000000E+00 | 0.000000E+00 |
| 1573 | 306.441 | 2.12500 | 0.000000E+00 |
| 1574 | 310.300 | 0.000000E+00 | 0.000000E+00 |
| 1575 | 311.300 | 2.12500 | 0.000000E+00 |
| 1576 | 315.159 | 0.000000E+00 | 0.000000E+00 |
| 1577 | 316.159 | 2.12500 | 0.000000E+00 |
| 1578 | 320.018 | 0.000000E+00 | 0.000000E+00 |
| 1579 | 321.018 | 2.12500 | 0.000000E+00 |
| 1580 | 329.747 | 0.000000E+00 | 0.000000E+00 |
| 1581 | 330.747 | 2.12500 | 0.000000E+00 |
| 1582 | 334.617 | 0.000000E+00 | 0.000000E+00 |
| 1583 | 335.617 | 2.12500 | 0.000000E+00 |
| 1584 | 339.487 | 0.000000E+00 | 0.000000E+00 |
| 1585 | 340.487 | 2.12500 | 0.000000E+00 |
| 1586 | 344.357 | 0.000000E+00 | 0.000000E+00 |
| 1587 | 345.357 | 2.12500 | 0.000000E+00 |
| 1588 | 349.227 | 0.000000E+00 | 0.000000E+00 |
| 1589 | 350.227 | 2.12500 | 0.000000E+00 |
| 1590 | 354.098 | 0.000000E+00 | 0.000000E+00 |
| 1591 | 355.098 | 2.12500 | 0.000000E+00 |
| 1592 | 358.968 | 0.000000E+00 | 0.000000E+00 |
| 1593 | 359.968 | 2.12500 | 0.000000E+00 |
| 1594 | 363.838 | 0.000000E+00 | 0.000000E+00 |
| 1595 | 364.838 | 2.12500 | 0.000000E+00 |
| 1596 | 368.708 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|-----------|--------------|--------------|
| 1597 | 369.708 | 2.12500 | 0.000000E+00 |
| 1598 | -325.777 | 0.000000E+00 | 0.000000E+00 |
| 1599 | -324.777 | 2.12500 | 0.000000E+00 |
| 1600 | -277.187 | 0.000000E+00 | 0.000000E+00 |
| 1601 | -276.187 | 2.12500 | 0.000000E+00 |
| 1602 | -228.607 | 0.000000E+00 | 0.000000E+00 |
| 1603 | -227.607 | 2.12500 | 0.000000E+00 |
| 1604 | -180.037 | 0.000000E+00 | 0.000000E+00 |
| 1605 | -179.037 | 2.12500 | 0.000000E+00 |
| 1606 | -131.487 | 0.000000E+00 | 0.000000E+00 |
| 1607 | -130.487 | 2.12500 | 0.000000E+00 |
| 1608 | -82.9570 | 0.000000E+00 | 0.000000E+00 |
| 1609 | -81.9570 | 2.12500 | 0.000000E+00 |
| 1610 | -34.4470 | 0.000000E+00 | 0.000000E+00 |
| 1611 | -33.4470 | 2.12500 | 0.000000E+00 |
| 1612 | -1.40000 | 0.000000E+00 | 0.000000E+00 |
| 1613 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1614 | 0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1615 | 1.50000 | 2.12500 | 0.000000E+00 |
| 1616 | 33.5470 | 0.000000E+00 | 0.000000E+00 |
| 1617 | 34.5470 | 2.12500 | 0.000000E+00 |
| 1618 | 82.0570 | 0.000000E+00 | 0.000000E+00 |
| 1619 | 83.0570 | 2.12500 | 0.000000E+00 |
| 1620 | 130.587 | 0.000000E+00 | 0.000000E+00 |
| 1621 | 131.587 | 2.12500 | 0.000000E+00 |
| 1622 | 179.137 | 0.000000E+00 | 0.000000E+00 |
| 1623 | 180.137 | 2.12500 | 0.000000E+00 |
| 1624 | 227.707 | 0.000000E+00 | 0.000000E+00 |
| 1625 | 228.707 | 2.12500 | 0.000000E+00 |
| 1626 | -0.500000 | 2.12500 | 0.000000E+00 |
| 1627 | -0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1628 | 0.500000 | 2.12500 | 0.000000E+00 |
| 1629 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1630 | -0.400000 | 0.000000E+00 | 0.000000E+00 |
| 1631 | 0.600000 | 2.12500 | 0.000000E+00 |
| 1632 | -360.409 | 2.12500 | 0.000000E+00 |
| 1633 | -360.409 | 0.000000E+00 | 0.000000E+00 |
| 1634 | -359.409 | 2.12500 | 0.000000E+00 |
| 1635 | 408.210 | 2.12500 | 0.000000E+00 |
| 1636 | 408.210 | -1.17000 | 0.000000E+00 |
| 1637 | 409.308 | 2.12500 | 0.000000E+00 |
| 1638 | -359.809 | 11.2500 | 0.000000E+00 |
| 1639 | -360.809 | 9.12500 | 0.000000E+00 |
| 1640 | 276.287 | 11.2500 | 0.000000E+00 |
| 1641 | 275.287 | 9.12500 | 0.000000E+00 |
| 1642 | 324.877 | 11.2500 | 0.000000E+00 |
| 1643 | 323.877 | 9.12500 | 0.000000E+00 |
| 1644 | -354.947 | 11.2500 | 0.000000E+00 |
| 1645 | -355.947 | 9.12500 | 0.000000E+00 |
| 1646 | -350.086 | 11.2500 | 0.000000E+00 |
| 1647 | -351.086 | 9.12500 | 0.000000E+00 |
| 1648 | -345.224 | 11.2500 | 0.000000E+00 |
| 1649 | -346.224 | 9.12500 | 0.000000E+00 |
| 1650 | -340.362 | 11.2500 | 0.000000E+00 |
| 1651 | -341.362 | 9.12500 | 0.000000E+00 |
| 1652 | -335.500 | 11.2500 | 0.000000E+00 |
| 1653 | -336.500 | 9.12500 | 0.000000E+00 |
| 1654 | -330.639 | 11.2500 | 0.000000E+00 |
| 1655 | -331.639 | 9.12500 | 0.000000E+00 |
| 1656 | -29.7260 | 11.2500 | 0.000000E+00 |
| 1657 | -30.7260 | 9.12500 | 0.000000E+00 |
| 1658 | -25.0050 | 11.2500 | 0.000000E+00 |
| 1659 | -26.0050 | 9.12500 | 0.000000E+00 |
| 1660 | -20.2840 | 11.2500 | 0.000000E+00 |
| 1661 | -21.2840 | 9.12500 | 0.000000E+00 |
| 1662 | -15.5630 | 11.2500 | 0.000000E+00 |
| 1663 | -16.5630 | 9.12500 | 0.000000E+00 |
| 1664 | -10.8420 | 11.2500 | 0.000000E+00 |
| 1665 | -11.8420 | 9.12500 | 0.000000E+00 |
| 1666 | -6.12100 | 11.2500 | 0.000000E+00 |
| 1667 | -7.12100 | 9.12500 | 0.000000E+00 |
| 1668 | 5.22100 | 11.2500 | 0.000000E+00 |
| 1669 | 4.22100 | 9.12500 | 0.000000E+00 |
| 1670 | 9.94200 | 11.2500 | 0.000000E+00 |
| 1671 | 8.94200 | 9.12500 | 0.000000E+00 |
| 1672 | 14.6630 | 11.2500 | 0.000000E+00 |
| 1673 | 13.6630 | 9.12500 | 0.000000E+00 |
| 1674 | 19.3840 | 11.2500 | 0.000000E+00 |
| 1675 | 18.3840 | 9.12500 | 0.000000E+00 |
| 1676 | 24.1050 | 11.2500 | 0.000000E+00 |
| 1677 | 23.1050 | 9.12500 | 0.000000E+00 |
| 1678 | 28.8260 | 11.2500 | 0.000000E+00 |
| 1679 | 27.8260 | 9.12500 | 0.000000E+00 |
| 1680 | -320.918 | 11.2500 | 0.000000E+00 |
| 1681 | -321.918 | 9.12500 | 0.000000E+00 |
| 1682 | -316.059 | 11.2500 | 0.000000E+00 |
| 1683 | -317.059 | 9.12500 | 0.000000E+00 |
| 1684 | -311.200 | 11.2500 | 0.000000E+00 |
| 1685 | -312.200 | 9.12500 | 0.000000E+00 |
| 1686 | -306.341 | 11.2500 | 0.000000E+00 |
| 1687 | -307.341 | 9.12500 | 0.000000E+00 |
| 1688 | -301.482 | 11.2500 | 0.000000E+00 |
| 1689 | -302.482 | 9.12500 | 0.000000E+00 |
| 1690 | -296.623 | 11.2500 | 0.000000E+00 |
| 1691 | -297.623 | 9.12500 | 0.000000E+00 |
| 1692 | -291.764 | 11.2500 | 0.000000E+00 |
| 1693 | -292.764 | 9.12500 | 0.000000E+00 |
| 1694 | -286.905 | 11.2500 | 0.000000E+00 |
| 1695 | -287.905 | 9.12500 | 0.000000E+00 |
| 1696 | -282.046 | 11.2500 | 0.000000E+00 |
| 1697 | -283.046 | 9.12500 | 0.000000E+00 |
| 1698 | -272.329 | 11.2500 | 0.000000E+00 |
| 1699 | -273.329 | 9.12500 | 0.000000E+00 |
| 1700 | -267.471 | 11.2500 | 0.000000E+00 |
| 1701 | -268.471 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1702 | -262.613 | 11.2500 | 0.000000E+00 |
| 1703 | -263.613 | 9.12500 | 0.000000E+00 |
| 1704 | -257.755 | 11.2500 | 0.000000E+00 |
| 1705 | -258.755 | 9.12500 | 0.000000E+00 |
| 1706 | -252.897 | 11.2500 | 0.000000E+00 |
| 1707 | -253.897 | 9.12500 | 0.000000E+00 |
| 1708 | -248.039 | 11.2500 | 0.000000E+00 |
| 1709 | -249.039 | 9.12500 | 0.000000E+00 |
| 1710 | -243.181 | 11.2500 | 0.000000E+00 |
| 1711 | -244.181 | 9.12500 | 0.000000E+00 |
| 1712 | -238.323 | 11.2500 | 0.000000E+00 |
| 1713 | -239.323 | 9.12500 | 0.000000E+00 |
| 1714 | -233.465 | 11.2500 | 0.000000E+00 |
| 1715 | -234.465 | 9.12500 | 0.000000E+00 |
| 1716 | -223.750 | 11.2500 | 0.000000E+00 |
| 1717 | -224.750 | 9.12500 | 0.000000E+00 |
| 1718 | -218.893 | 11.2500 | 0.000000E+00 |
| 1719 | -219.893 | 9.12500 | 0.000000E+00 |
| 1720 | -214.036 | 11.2500 | 0.000000E+00 |
| 1721 | -215.036 | 9.12500 | 0.000000E+00 |
| 1722 | -209.179 | 11.2500 | 0.000000E+00 |
| 1723 | -210.179 | 9.12500 | 0.000000E+00 |
| 1724 | -204.322 | 11.2500 | 0.000000E+00 |
| 1725 | -205.322 | 9.12500 | 0.000000E+00 |
| 1726 | -199.465 | 11.2500 | 0.000000E+00 |
| 1727 | -200.465 | 9.12500 | 0.000000E+00 |
| 1728 | -194.608 | 11.2500 | 0.000000E+00 |
| 1729 | -195.608 | 9.12500 | 0.000000E+00 |
| 1730 | -189.751 | 11.2500 | 0.000000E+00 |
| 1731 | -190.751 | 9.12500 | 0.000000E+00 |
| 1732 | -184.894 | 11.2500 | 0.000000E+00 |
| 1733 | -185.894 | 9.12500 | 0.000000E+00 |
| 1734 | -175.182 | 11.2500 | 0.000000E+00 |
| 1735 | -176.182 | 9.12500 | 0.000000E+00 |
| 1736 | -170.327 | 11.2500 | 0.000000E+00 |
| 1737 | -171.327 | 9.12500 | 0.000000E+00 |
| 1738 | -165.472 | 11.2500 | 0.000000E+00 |
| 1739 | -166.472 | 9.12500 | 0.000000E+00 |
| 1740 | -160.617 | 11.2500 | 0.000000E+00 |
| 1741 | -161.617 | 9.12500 | 0.000000E+00 |
| 1742 | -155.762 | 11.2500 | 0.000000E+00 |
| 1743 | -156.762 | 9.12500 | 0.000000E+00 |
| 1744 | -150.907 | 11.2500 | 0.000000E+00 |
| 1745 | -151.907 | 9.12500 | 0.000000E+00 |
| 1746 | -146.052 | 11.2500 | 0.000000E+00 |
| 1747 | -147.052 | 9.12500 | 0.000000E+00 |
| 1748 | -141.197 | 11.2500 | 0.000000E+00 |
| 1749 | -142.197 | 9.12500 | 0.000000E+00 |
| 1750 | -136.342 | 11.2500 | 0.000000E+00 |
| 1751 | -137.342 | 9.12500 | 0.000000E+00 |
| 1752 | -126.634 | 11.2500 | 0.000000E+00 |
| 1753 | -127.634 | 9.12500 | 0.000000E+00 |
| 1754 | -121.781 | 11.2500 | 0.000000E+00 |
| 1755 | -122.781 | 9.12500 | 0.000000E+00 |
| 1756 | -116.928 | 11.2500 | 0.000000E+00 |
| 1757 | -117.928 | 9.12500 | 0.000000E+00 |
| 1758 | -112.075 | 11.2500 | 0.000000E+00 |
| 1759 | -113.075 | 9.12500 | 0.000000E+00 |
| 1760 | -107.222 | 11.2500 | 0.000000E+00 |
| 1761 | -108.222 | 9.12500 | 0.000000E+00 |
| 1762 | -102.369 | 11.2500 | 0.000000E+00 |
| 1763 | -103.369 | 9.12500 | 0.000000E+00 |
| 1764 | -97.5160 | 11.2500 | 0.000000E+00 |
| 1765 | -98.5160 | 9.12500 | 0.000000E+00 |
| 1766 | -92.6630 | 11.2500 | 0.000000E+00 |
| 1767 | -93.6630 | 9.12500 | 0.000000E+00 |
| 1768 | -87.8100 | 11.2500 | 0.000000E+00 |
| 1769 | -88.8100 | 9.12500 | 0.000000E+00 |
| 1770 | -78.1060 | 11.2500 | 0.000000E+00 |
| 1771 | -79.1060 | 9.12500 | 0.000000E+00 |
| 1772 | -73.2550 | 11.2500 | 0.000000E+00 |
| 1773 | -74.2550 | 9.12500 | 0.000000E+00 |
| 1774 | -68.4040 | 11.2500 | 0.000000E+00 |
| 1775 | -69.4040 | 9.12500 | 0.000000E+00 |
| 1776 | -63.5530 | 11.2500 | 0.000000E+00 |
| 1777 | -64.5530 | 9.12500 | 0.000000E+00 |
| 1778 | -58.7020 | 11.2500 | 0.000000E+00 |
| 1779 | -59.7020 | 9.12500 | 0.000000E+00 |
| 1780 | -53.8510 | 11.2500 | 0.000000E+00 |
| 1781 | -54.8510 | 9.12500 | 0.000000E+00 |
| 1782 | -49.0000 | 11.2500 | 0.000000E+00 |
| 1783 | -50.0000 | 9.12500 | 0.000000E+00 |
| 1784 | -44.1490 | 11.2500 | 0.000000E+00 |
| 1785 | -45.1490 | 9.12500 | 0.000000E+00 |
| 1786 | -39.2980 | 11.2500 | 0.000000E+00 |
| 1787 | -40.2980 | 9.12500 | 0.000000E+00 |
| 1788 | 38.3980 | 11.2500 | 0.000000E+00 |
| 1789 | 37.3980 | 9.12500 | 0.000000E+00 |
| 1790 | 43.2490 | 11.2500 | 0.000000E+00 |
| 1791 | 42.2490 | 9.12500 | 0.000000E+00 |
| 1792 | 48.1000 | 11.2500 | 0.000000E+00 |
| 1793 | 47.1000 | 9.12500 | 0.000000E+00 |
| 1794 | 52.9510 | 11.2500 | 0.000000E+00 |
| 1795 | 51.9510 | 9.12500 | 0.000000E+00 |
| 1796 | 57.8020 | 11.2500 | 0.000000E+00 |
| 1797 | 56.8020 | 9.12500 | 0.000000E+00 |
| 1798 | 62.6530 | 11.2500 | 0.000000E+00 |
| 1799 | 61.6530 | 9.12500 | 0.000000E+00 |
| 1800 | 67.5040 | 11.2500 | 0.000000E+00 |
| 1801 | 66.5040 | 9.12500 | 0.000000E+00 |
| 1802 | 72.3550 | 11.2500 | 0.000000E+00 |
| 1803 | 71.3550 | 9.12500 | 0.000000E+00 |
| 1804 | 77.2060 | 11.2500 | 0.000000E+00 |
| 1805 | 76.2060 | 9.12500 | 0.000000E+00 |
| 1806 | 86.9100 | 11.2500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 1807 | 85.9100 | 9.12500 | 0.000000E+00 |
| 1808 | 91.7630 | 11.2500 | 0.000000E+00 |
| 1809 | 90.7630 | 9.12500 | 0.000000E+00 |
| 1810 | 96.6160 | 11.2500 | 0.000000E+00 |
| 1811 | 95.6160 | 9.12500 | 0.000000E+00 |
| 1812 | 101.469 | 11.2500 | 0.000000E+00 |
| 1813 | 100.469 | 9.12500 | 0.000000E+00 |
| 1814 | 106.322 | 11.2500 | 0.000000E+00 |
| 1815 | 105.322 | 9.12500 | 0.000000E+00 |
| 1816 | 111.175 | 11.2500 | 0.000000E+00 |
| 1817 | 110.175 | 9.12500 | 0.000000E+00 |
| 1818 | 116.028 | 11.2500 | 0.000000E+00 |
| 1819 | 115.028 | 9.12500 | 0.000000E+00 |
| 1820 | 120.881 | 11.2500 | 0.000000E+00 |
| 1821 | 119.881 | 9.12500 | 0.000000E+00 |
| 1822 | 125.734 | 11.2500 | 0.000000E+00 |
| 1823 | 124.734 | 9.12500 | 0.000000E+00 |
| 1824 | 135.442 | 11.2500 | 0.000000E+00 |
| 1825 | 134.442 | 9.12500 | 0.000000E+00 |
| 1826 | 140.297 | 11.2500 | 0.000000E+00 |
| 1827 | 139.297 | 9.12500 | 0.000000E+00 |
| 1828 | 145.152 | 11.2500 | 0.000000E+00 |
| 1829 | 144.152 | 9.12500 | 0.000000E+00 |
| 1830 | 150.007 | 11.2500 | 0.000000E+00 |
| 1831 | 149.007 | 9.12500 | 0.000000E+00 |
| 1832 | 154.862 | 11.2500 | 0.000000E+00 |
| 1833 | 153.862 | 9.12500 | 0.000000E+00 |
| 1834 | 159.717 | 11.2500 | 0.000000E+00 |
| 1835 | 158.717 | 9.12500 | 0.000000E+00 |
| 1836 | 164.572 | 11.2500 | 0.000000E+00 |
| 1837 | 163.572 | 9.12500 | 0.000000E+00 |
| 1838 | 169.427 | 11.2500 | 0.000000E+00 |
| 1839 | 168.427 | 9.12500 | 0.000000E+00 |
| 1840 | 174.282 | 11.2500 | 0.000000E+00 |
| 1841 | 173.282 | 9.12500 | 0.000000E+00 |
| 1842 | 183.994 | 11.2500 | 0.000000E+00 |
| 1843 | 182.994 | 9.12500 | 0.000000E+00 |
| 1844 | 188.851 | 11.2500 | 0.000000E+00 |
| 1845 | 187.851 | 9.12500 | 0.000000E+00 |
| 1846 | 193.708 | 11.2500 | 0.000000E+00 |
| 1847 | 192.708 | 9.12500 | 0.000000E+00 |
| 1848 | 198.565 | 11.2500 | 0.000000E+00 |
| 1849 | 197.565 | 9.12500 | 0.000000E+00 |
| 1850 | 203.422 | 11.2500 | 0.000000E+00 |
| 1851 | 202.422 | 9.12500 | 0.000000E+00 |
| 1852 | 208.279 | 11.2500 | 0.000000E+00 |
| 1853 | 207.279 | 9.12500 | 0.000000E+00 |
| 1854 | 213.136 | 11.2500 | 0.000000E+00 |
| 1855 | 212.136 | 9.12500 | 0.000000E+00 |
| 1856 | 217.993 | 11.2500 | 0.000000E+00 |
| 1857 | 216.993 | 9.12500 | 0.000000E+00 |
| 1858 | 222.850 | 11.2500 | 0.000000E+00 |
| 1859 | 221.850 | 9.12500 | 0.000000E+00 |
| 1860 | 232.565 | 11.2500 | 0.000000E+00 |
| 1861 | 231.565 | 9.12500 | 0.000000E+00 |
| 1862 | 237.423 | 11.2500 | 0.000000E+00 |
| 1863 | 236.423 | 9.12500 | 0.000000E+00 |
| 1864 | 242.281 | 11.2500 | 0.000000E+00 |
| 1865 | 241.281 | 9.12500 | 0.000000E+00 |
| 1866 | 247.139 | 11.2500 | 0.000000E+00 |
| 1867 | 246.139 | 9.12500 | 0.000000E+00 |
| 1868 | 251.997 | 11.2500 | 0.000000E+00 |
| 1869 | 250.997 | 9.12500 | 0.000000E+00 |
| 1870 | 256.855 | 11.2500 | 0.000000E+00 |
| 1871 | 255.855 | 9.12500 | 0.000000E+00 |
| 1872 | 261.713 | 11.2500 | 0.000000E+00 |
| 1873 | 260.713 | 9.12500 | 0.000000E+00 |
| 1874 | 266.571 | 11.2500 | 0.000000E+00 |
| 1875 | 265.571 | 9.12500 | 0.000000E+00 |
| 1876 | 271.429 | 11.2500 | 0.000000E+00 |
| 1877 | 270.429 | 9.12500 | 0.000000E+00 |
| 1878 | 281.146 | 11.2500 | 0.000000E+00 |
| 1879 | 280.146 | 9.12500 | 0.000000E+00 |
| 1880 | 286.005 | 11.2500 | 0.000000E+00 |
| 1881 | 285.005 | 9.12500 | 0.000000E+00 |
| 1882 | 290.864 | 11.2500 | 0.000000E+00 |
| 1883 | 289.864 | 9.12500 | 0.000000E+00 |
| 1884 | 295.723 | 11.2500 | 0.000000E+00 |
| 1885 | 294.723 | 9.12500 | 0.000000E+00 |
| 1886 | 300.582 | 11.2500 | 0.000000E+00 |
| 1887 | 299.582 | 9.12500 | 0.000000E+00 |
| 1888 | 305.441 | 11.2500 | 0.000000E+00 |
| 1889 | 304.441 | 9.12500 | 0.000000E+00 |
| 1890 | 310.300 | 11.2500 | 0.000000E+00 |
| 1891 | 309.300 | 9.12500 | 0.000000E+00 |
| 1892 | 315.159 | 11.2500 | 0.000000E+00 |
| 1893 | 314.159 | 9.12500 | 0.000000E+00 |
| 1894 | 320.018 | 11.2500 | 0.000000E+00 |
| 1895 | 319.018 | 9.12500 | 0.000000E+00 |
| 1896 | 329.747 | 11.2500 | 0.000000E+00 |
| 1897 | 328.747 | 9.12500 | 0.000000E+00 |
| 1898 | 334.617 | 11.2500 | 0.000000E+00 |
| 1899 | 333.617 | 9.12500 | 0.000000E+00 |
| 1900 | 339.487 | 11.2500 | 0.000000E+00 |
| 1901 | 338.487 | 9.12500 | 0.000000E+00 |
| 1902 | 344.357 | 11.2500 | 0.000000E+00 |
| 1903 | 343.357 | 9.12500 | 0.000000E+00 |
| 1904 | 349.227 | 11.2500 | 0.000000E+00 |
| 1905 | 348.227 | 9.12500 | 0.000000E+00 |
| 1906 | 354.098 | 11.2500 | 0.000000E+00 |
| 1907 | 353.098 | 9.12500 | 0.000000E+00 |
| 1908 | 358.968 | 11.2500 | 0.000000E+00 |
| 1909 | 357.968 | 9.12500 | 0.000000E+00 |
| 1910 | 363.838 | 11.2500 | 0.000000E+00 |
| 1911 | 362.838 | 9.12500 | 0.000000E+00 |

| | | | |
|------|-----------|-----------|--------------|
| 1912 | 368.708 | 11.2500 | 0.000000E+00 |
| 1913 | 367.708 | 9.12500 | 0.000000E+00 |
| 1914 | -325.777 | 11.2500 | 0.000000E+00 |
| 1915 | -326.777 | 9.12500 | 0.000000E+00 |
| 1916 | -277.187 | 11.2500 | 0.000000E+00 |
| 1917 | -278.187 | 9.12500 | 0.000000E+00 |
| 1918 | -228.607 | 11.2500 | 0.000000E+00 |
| 1919 | -229.607 | 9.12500 | 0.000000E+00 |
| 1920 | -180.037 | 11.2500 | 0.000000E+00 |
| 1921 | -181.037 | 9.12500 | 0.000000E+00 |
| 1922 | -131.487 | 11.2500 | 0.000000E+00 |
| 1923 | -132.487 | 9.12500 | 0.000000E+00 |
| 1924 | -82.9570 | 11.2500 | 0.000000E+00 |
| 1925 | -83.9570 | 9.12500 | 0.000000E+00 |
| 1926 | -34.4470 | 11.2500 | 0.000000E+00 |
| 1927 | -35.4470 | 9.12500 | 0.000000E+00 |
| 1928 | -1.40000 | 11.2500 | 0.000000E+00 |
| 1929 | -2.40000 | 9.12500 | 0.000000E+00 |
| 1930 | 0.500000 | 11.2500 | 0.000000E+00 |
| 1931 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1932 | 33.5470 | 11.2500 | 0.000000E+00 |
| 1933 | 32.5470 | 9.12500 | 0.000000E+00 |
| 1934 | 82.0570 | 11.2500 | 0.000000E+00 |
| 1935 | 81.0570 | 9.12500 | 0.000000E+00 |
| 1936 | 130.587 | 11.2500 | 0.000000E+00 |
| 1937 | 129.587 | 9.12500 | 0.000000E+00 |
| 1938 | 179.137 | 11.2500 | 0.000000E+00 |
| 1939 | 178.137 | 9.12500 | 0.000000E+00 |
| 1940 | 227.707 | 11.2500 | 0.000000E+00 |
| 1941 | 226.707 | 9.12500 | 0.000000E+00 |
| 1942 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1943 | -0.500000 | 11.2500 | 0.000000E+00 |
| 1944 | -1.50000 | 9.12500 | 0.000000E+00 |
| 1945 | -0.400000 | 9.12500 | 0.000000E+00 |
| 1946 | -0.400000 | 11.2500 | 0.000000E+00 |
| 1947 | -1.40000 | 9.12500 | 0.000000E+00 |
| 1948 | -360.409 | 9.12500 | 0.000000E+00 |
| 1949 | -360.409 | 11.2500 | 0.000000E+00 |
| 1950 | -361.409 | 9.12500 | 0.000000E+00 |
| 1951 | 408.210 | 9.12500 | 0.000000E+00 |
| 1952 | 408.210 | 12.4200 | 0.000000E+00 |
| 1953 | 407.112 | 9.12500 | 0.000000E+00 |
| 1954 | 373.578 | 11.3942 | 0.000000E+00 |
| 1955 | 372.578 | 9.12500 | 0.000000E+00 |
| 1956 | 378.440 | 11.5382 | 0.000000E+00 |
| 1957 | 377.440 | 9.12500 | 0.000000E+00 |
| 1958 | 383.301 | 11.6822 | 0.000000E+00 |
| 1959 | 382.301 | 9.12500 | 0.000000E+00 |
| 1960 | 409.943 | 9.12500 | 0.000000E+00 |
| 1961 | 388.163 | 11.8262 | 0.000000E+00 |
| 1962 | 387.163 | 9.12500 | 0.000000E+00 |
| 1963 | 393.025 | 11.9702 | 0.000000E+00 |
| 1964 | 392.025 | 9.12500 | 0.000000E+00 |
| 1965 | 397.887 | 12.1142 | 0.000000E+00 |
| 1966 | 396.887 | 9.12500 | 0.000000E+00 |
| 1967 | 402.748 | 12.2582 | 0.000000E+00 |
| 1968 | 401.704 | 9.12500 | 0.000000E+00 |
| 1969 | 407.610 | 12.4022 | 0.000000E+00 |
| 1970 | 406.518 | 9.12500 | 0.000000E+00 |
| 1971 | 373.578 | -0.144246 | 0.000000E+00 |
| 1972 | 374.578 | 2.12500 | 0.000000E+00 |
| 1973 | 378.440 | -0.288243 | 0.000000E+00 |
| 1974 | 379.440 | 2.12500 | 0.000000E+00 |
| 1975 | 383.301 | -0.432241 | 0.000000E+00 |
| 1976 | 384.301 | 2.12500 | 0.000000E+00 |
| 1977 | 388.163 | -0.576239 | 0.000000E+00 |
| 1978 | 389.163 | 2.12500 | 0.000000E+00 |
| 1979 | 393.025 | -0.720236 | 0.000000E+00 |
| 1980 | 394.025 | 2.12500 | 0.000000E+00 |
| 1981 | 397.887 | -0.864234 | 0.000000E+00 |
| 1982 | 398.887 | 2.12500 | 0.000000E+00 |
| 1983 | 402.748 | -1.00823 | 0.000000E+00 |
| 1984 | 403.793 | 2.12500 | 0.000000E+00 |
| 1985 | 407.610 | -1.15223 | 0.000000E+00 |
| 1986 | 408.702 | 2.12500 | 0.000000E+00 |
| 1987 | 399.602 | 2.12500 | 0.000000E+00 |
| 1988 | 399.602 | 3.17376 | 0.000000E+00 |
| 1989 | 402.748 | 3.74557 | 0.000000E+00 |
| 1990 | 389.593 | 2.12500 | 0.000000E+00 |
| 1991 | 389.593 | 3.26895 | 0.000000E+00 |
| 1992 | 397.887 | 3.12500 | 0.000000E+00 |
| 1993 | 393.025 | 3.74557 | 0.000000E+00 |
| 1994 | 379.584 | 2.12500 | 0.000000E+00 |
| 1995 | 379.584 | 3.36414 | 0.000000E+00 |
| 1996 | 388.163 | 3.12500 | 0.000000E+00 |
| 1997 | 383.301 | 3.74557 | 0.000000E+00 |
| 1998 | 373.578 | 3.74557 | 0.000000E+00 |
| 1999 | 378.440 | 3.12500 | 0.000000E+00 |
| 2000 | 367.574 | 2.12500 | 0.000000E+00 |
| 2001 | 367.574 | 3.12500 | 0.000000E+00 |
| 2002 | 368.708 | 3.74837 | 0.000000E+00 |
| 2003 | 355.186 | 2.12500 | 0.000000E+00 |
| 2004 | 355.186 | 3.38557 | 0.000000E+00 |
| 2005 | 363.838 | 3.37040 | 0.000000E+00 |
| 2006 | 358.968 | 3.74837 | 0.000000E+00 |
| 2007 | 343.163 | 2.12500 | 0.000000E+00 |
| 2008 | 343.163 | 3.12500 | 0.000000E+00 |
| 2009 | 354.098 | 3.12500 | 0.000000E+00 |
| 2010 | 349.227 | 3.74837 | 0.000000E+00 |
| 2011 | 344.357 | 3.74837 | 0.000000E+00 |
| 2012 | 330.890 | 2.12500 | 0.000000E+00 |
| 2013 | 330.890 | 3.36740 | 0.000000E+00 |
| 2014 | 339.487 | 3.35023 | 0.000000E+00 |
| 2015 | 334.617 | 3.74837 | 0.000000E+00 |
| 2016 | 324.877 | 3.74837 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 2017 | 329.747 | 3.12500 | 0.000000E+00 |
| 2018 | 318.866 | 2.12500 | 0.000000E+00 |
| 2019 | 318.866 | 3.12500 | 0.000000E+00 |
| 2020 | 320.018 | 3.74467 | 0.000000E+00 |
| 2021 | 306.593 | 2.12500 | 0.000000E+00 |
| 2022 | 306.593 | 3.36067 | 0.000000E+00 |
| 2023 | 315.159 | 3.36067 | 0.000000E+00 |
| 2024 | 310.300 | 3.74467 | 0.000000E+00 |
| 2025 | 294.571 | 2.12500 | 0.000000E+00 |
| 2026 | 294.571 | 3.12500 | 0.000000E+00 |
| 2027 | 305.441 | 3.12500 | 0.000000E+00 |
| 2028 | 300.582 | 3.74467 | 0.000000E+00 |
| 2029 | 295.723 | 3.74467 | 0.000000E+00 |
| 2030 | 282.298 | 2.12500 | 0.000000E+00 |
| 2031 | 282.298 | 3.36067 | 0.000000E+00 |
| 2032 | 290.864 | 3.36067 | 0.000000E+00 |
| 2033 | 286.005 | 3.74467 | 0.000000E+00 |
| 2034 | 276.287 | 3.74467 | 0.000000E+00 |
| 2035 | 281.146 | 3.12500 | 0.000000E+00 |
| 2036 | 270.278 | 2.12500 | 0.000000E+00 |
| 2037 | 270.278 | 3.12500 | 0.000000E+00 |
| 2038 | 271.429 | 3.74433 | 0.000000E+00 |
| 2039 | 258.007 | 2.12500 | 0.000000E+00 |
| 2040 | 258.007 | 3.36033 | 0.000000E+00 |
| 2041 | 266.571 | 3.36067 | 0.000000E+00 |
| 2042 | 261.713 | 3.74433 | 0.000000E+00 |
| 2043 | 245.987 | 2.12500 | 0.000000E+00 |
| 2044 | 245.987 | 3.12500 | 0.000000E+00 |
| 2045 | 256.855 | 3.12500 | 0.000000E+00 |
| 2046 | 251.997 | 3.74433 | 0.000000E+00 |
| 2047 | 247.139 | 3.74433 | 0.000000E+00 |
| 2048 | 233.716 | 2.12500 | 0.000000E+00 |
| 2049 | 233.716 | 3.36067 | 0.000000E+00 |
| 2050 | 242.281 | 3.36033 | 0.000000E+00 |
| 2051 | 237.423 | 3.74433 | 0.000000E+00 |
| 2052 | 227.707 | 3.74433 | 0.000000E+00 |
| 2053 | 232.565 | 3.12500 | 0.000000E+00 |
| 2054 | 221.697 | 2.12500 | 0.000000E+00 |
| 2055 | 221.697 | 3.12500 | 0.000000E+00 |
| 2056 | 222.850 | 3.74400 | 0.000000E+00 |
| 2057 | 209.430 | 2.12500 | 0.000000E+00 |
| 2058 | 209.430 | 3.36033 | 0.000000E+00 |
| 2059 | 217.993 | 3.35967 | 0.000000E+00 |
| 2060 | 213.136 | 3.74400 | 0.000000E+00 |
| 2061 | 197.414 | 2.12500 | 0.000000E+00 |
| 2062 | 197.414 | 3.12500 | 0.000000E+00 |
| 2063 | 208.279 | 3.12500 | 0.000000E+00 |
| 2064 | 203.422 | 3.74400 | 0.000000E+00 |
| 2065 | 198.565 | 3.74400 | 0.000000E+00 |
| 2066 | 185.147 | 2.12500 | 0.000000E+00 |
| 2067 | 185.147 | 3.35967 | 0.000000E+00 |
| 2068 | 193.708 | 3.36033 | 0.000000E+00 |
| 2069 | 188.851 | 3.74400 | 0.000000E+00 |
| 2070 | 179.137 | 3.74400 | 0.000000E+00 |
| 2071 | 183.994 | 3.12500 | 0.000000E+00 |
| 2072 | 173.130 | 2.12500 | 0.000000E+00 |
| 2073 | 173.130 | 3.12500 | 0.000000E+00 |
| 2074 | 174.282 | 3.74333 | 0.000000E+00 |
| 2075 | 160.868 | 2.12500 | 0.000000E+00 |
| 2076 | 160.868 | 3.35967 | 0.000000E+00 |
| 2077 | 169.427 | 3.35933 | 0.000000E+00 |
| 2078 | 164.572 | 3.74333 | 0.000000E+00 |
| 2079 | 148.856 | 2.12500 | 0.000000E+00 |
| 2080 | 148.856 | 3.12500 | 0.000000E+00 |
| 2081 | 159.717 | 3.12500 | 0.000000E+00 |
| 2082 | 154.862 | 3.74333 | 0.000000E+00 |
| 2083 | 150.007 | 3.74333 | 0.000000E+00 |
| 2084 | 136.594 | 2.12500 | 0.000000E+00 |
| 2085 | 136.594 | 3.35933 | 0.000000E+00 |
| 2086 | 145.152 | 3.35967 | 0.000000E+00 |
| 2087 | 140.297 | 3.74333 | 0.000000E+00 |
| 2088 | 130.587 | 3.74333 | 0.000000E+00 |
| 2089 | 135.442 | 3.12500 | 0.000000E+00 |
| 2090 | 124.582 | 2.12500 | 0.000000E+00 |
| 2091 | 124.582 | 3.12500 | 0.000000E+00 |
| 2092 | 125.734 | 3.74267 | 0.000000E+00 |
| 2093 | 112.325 | 2.12500 | 0.000000E+00 |
| 2094 | 112.325 | 3.35933 | 0.000000E+00 |
| 2095 | 120.881 | 3.35867 | 0.000000E+00 |
| 2096 | 116.028 | 3.74267 | 0.000000E+00 |
| 2097 | 100.318 | 2.12500 | 0.000000E+00 |
| 2098 | 100.318 | 3.12500 | 0.000000E+00 |
| 2099 | 111.175 | 3.12500 | 0.000000E+00 |
| 2100 | 106.322 | 3.74267 | 0.000000E+00 |
| 2101 | 101.469 | 3.74267 | 0.000000E+00 |
| 2102 | 88.0610 | 2.12500 | 0.000000E+00 |
| 2103 | 88.0610 | 3.35900 | 0.000000E+00 |
| 2104 | 96.6160 | 3.35900 | 0.000000E+00 |
| 2105 | 91.7630 | 3.74267 | 0.000000E+00 |
| 2106 | 82.0570 | 3.74267 | 0.000000E+00 |
| 2107 | 86.9100 | 3.12500 | 0.000000E+00 |
| 2108 | 76.0550 | 2.12500 | 0.000000E+00 |
| 2109 | 76.0550 | 3.12500 | 0.000000E+00 |
| 2110 | 77.2060 | 3.74200 | 0.000000E+00 |
| 2111 | 63.8030 | 2.12500 | 0.000000E+00 |
| 2112 | 63.8030 | 3.35867 | 0.000000E+00 |
| 2113 | 72.3550 | 3.35833 | 0.000000E+00 |
| 2114 | 67.5040 | 3.74200 | 0.000000E+00 |
| 2115 | 51.8010 | 2.12500 | 0.000000E+00 |
| 2116 | 51.8010 | 3.12500 | 0.000000E+00 |
| 2117 | 62.6530 | 3.12500 | 0.000000E+00 |
| 2118 | 57.8020 | 3.74200 | 0.000000E+00 |
| 2119 | 52.9510 | 3.74200 | 0.000000E+00 |
| 2120 | 39.5490 | 2.12500 | 0.000000E+00 |
| 2121 | 39.5490 | 3.35833 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2122 | 48.1000 | 3.35867 | 0.000000E+00 |
| 2123 | 43.2490 | 3.74200 | 0.000000E+00 |
| 2124 | 33.5470 | 3.74200 | 0.000000E+00 |
| 2125 | 38.3980 | 3.12500 | 0.000000E+00 |
| 2126 | 27.5470 | 2.12500 | 0.000000E+00 |
| 2127 | 27.5470 | 3.12500 | 0.000000E+00 |
| 2128 | 28.8260 | 3.69867 | 0.000000E+00 |
| 2129 | 17.5480 | 2.12500 | 0.000000E+00 |
| 2130 | 17.5480 | 3.12500 | 0.000000E+00 |
| 2131 | 24.1050 | 3.27233 | 0.000000E+00 |
| 2132 | 19.3840 | 3.69867 | 0.000000E+00 |
| 2133 | 7.54900 | 2.12500 | 0.000000E+00 |
| 2134 | 7.54900 | 3.12500 | 0.000000E+00 |
| 2135 | 14.6630 | 3.12500 | 0.000000E+00 |
| 2136 | 9.94200 | 3.69867 | 0.000000E+00 |
| 2137 | 0.500000 | 3.69867 | 0.000000E+00 |
| 2138 | 5.22100 | 3.12500 | 0.000000E+00 |
| 2139 | -8.44900 | 2.12500 | 0.000000E+00 |
| 2140 | -8.44900 | 3.12500 | 0.000000E+00 |
| 2141 | -6.12100 | 3.69867 | 0.000000E+00 |
| 2142 | -18.4480 | 2.12500 | 0.000000E+00 |
| 2143 | -18.4480 | 3.12500 | 0.000000E+00 |
| 2144 | -10.8420 | 3.12500 | 0.000000E+00 |
| 2145 | -15.5630 | 3.69867 | 0.000000E+00 |
| 2146 | -28.4470 | 2.12500 | 0.000000E+00 |
| 2147 | -28.4470 | 3.27233 | 0.000000E+00 |
| 2148 | -20.2840 | 3.12500 | 0.000000E+00 |
| 2149 | -25.0050 | 3.69867 | 0.000000E+00 |
| 2150 | -34.4470 | 3.69867 | 0.000000E+00 |
| 2151 | -29.7260 | 3.12500 | 0.000000E+00 |
| 2152 | -40.4490 | 2.12500 | 0.000000E+00 |
| 2153 | -40.4490 | 3.12500 | 0.000000E+00 |
| 2154 | -39.2980 | 3.74200 | 0.000000E+00 |
| 2155 | -52.7010 | 2.12500 | 0.000000E+00 |
| 2156 | -52.7010 | 3.35867 | 0.000000E+00 |
| 2157 | -44.1490 | 3.35833 | 0.000000E+00 |
| 2158 | -49.0000 | 3.74200 | 0.000000E+00 |
| 2159 | -64.7030 | 2.12500 | 0.000000E+00 |
| 2160 | -64.7030 | 3.12500 | 0.000000E+00 |
| 2161 | -53.8510 | 3.12500 | 0.000000E+00 |
| 2162 | -58.7020 | 3.74200 | 0.000000E+00 |
| 2163 | -63.5530 | 3.74200 | 0.000000E+00 |
| 2164 | -76.9550 | 2.12500 | 0.000000E+00 |
| 2165 | -76.9550 | 3.35833 | 0.000000E+00 |
| 2166 | -68.4040 | 3.35867 | 0.000000E+00 |
| 2167 | -73.2550 | 3.74200 | 0.000000E+00 |
| 2168 | -82.9570 | 3.74200 | 0.000000E+00 |
| 2169 | -78.1060 | 3.12500 | 0.000000E+00 |
| 2170 | -88.9610 | 2.12500 | 0.000000E+00 |
| 2171 | -88.9610 | 3.12500 | 0.000000E+00 |
| 2172 | -87.8100 | 3.74267 | 0.000000E+00 |
| 2173 | -101.218 | 2.12500 | 0.000000E+00 |
| 2174 | -101.218 | 3.35900 | 0.000000E+00 |
| 2175 | -92.6630 | 3.35900 | 0.000000E+00 |
| 2176 | -97.5160 | 3.74267 | 0.000000E+00 |
| 2177 | -113.225 | 2.12500 | 0.000000E+00 |
| 2178 | -113.225 | 3.12500 | 0.000000E+00 |
| 2179 | -102.369 | 3.12500 | 0.000000E+00 |
| 2180 | -107.222 | 3.74267 | 0.000000E+00 |
| 2181 | -112.075 | 3.74267 | 0.000000E+00 |
| 2182 | -125.482 | 2.12500 | 0.000000E+00 |
| 2183 | -125.482 | 3.35867 | 0.000000E+00 |
| 2184 | -116.928 | 3.35933 | 0.000000E+00 |
| 2185 | -121.781 | 3.74267 | 0.000000E+00 |
| 2186 | -131.487 | 3.74267 | 0.000000E+00 |
| 2187 | -126.634 | 3.12500 | 0.000000E+00 |
| 2188 | -137.494 | 2.12500 | 0.000000E+00 |
| 2189 | -137.494 | 3.12500 | 0.000000E+00 |
| 2190 | -136.342 | 3.74333 | 0.000000E+00 |
| 2191 | -149.756 | 2.12500 | 0.000000E+00 |
| 2192 | -149.756 | 3.35967 | 0.000000E+00 |
| 2193 | -141.197 | 3.35933 | 0.000000E+00 |
| 2194 | -146.052 | 3.74333 | 0.000000E+00 |
| 2195 | -161.768 | 2.12500 | 0.000000E+00 |
| 2196 | -161.768 | 3.12500 | 0.000000E+00 |
| 2197 | -150.907 | 3.12500 | 0.000000E+00 |
| 2198 | -155.762 | 3.74333 | 0.000000E+00 |
| 2199 | -160.617 | 3.74333 | 0.000000E+00 |
| 2200 | -174.030 | 2.12500 | 0.000000E+00 |
| 2201 | -174.030 | 3.35933 | 0.000000E+00 |
| 2202 | -165.472 | 3.35967 | 0.000000E+00 |
| 2203 | -170.327 | 3.74333 | 0.000000E+00 |
| 2204 | -180.037 | 3.74333 | 0.000000E+00 |
| 2205 | -175.182 | 3.12500 | 0.000000E+00 |
| 2206 | -186.047 | 2.12500 | 0.000000E+00 |
| 2207 | -186.047 | 3.12500 | 0.000000E+00 |
| 2208 | -184.894 | 3.74400 | 0.000000E+00 |
| 2209 | -198.314 | 2.12500 | 0.000000E+00 |
| 2210 | -198.314 | 3.36033 | 0.000000E+00 |
| 2211 | -189.751 | 3.35967 | 0.000000E+00 |
| 2212 | -194.608 | 3.74400 | 0.000000E+00 |
| 2213 | -210.330 | 2.12500 | 0.000000E+00 |
| 2214 | -210.330 | 3.12500 | 0.000000E+00 |
| 2215 | -199.465 | 3.12500 | 0.000000E+00 |
| 2216 | -204.322 | 3.74400 | 0.000000E+00 |
| 2217 | -209.179 | 3.74400 | 0.000000E+00 |
| 2218 | -222.597 | 2.12500 | 0.000000E+00 |
| 2219 | -222.597 | 3.35967 | 0.000000E+00 |
| 2220 | -214.036 | 3.36033 | 0.000000E+00 |
| 2221 | -218.893 | 3.74400 | 0.000000E+00 |
| 2222 | -228.607 | 3.74400 | 0.000000E+00 |
| 2223 | -223.750 | 3.12500 | 0.000000E+00 |
| 2224 | -234.616 | 2.12500 | 0.000000E+00 |
| 2225 | -234.616 | 3.12500 | 0.000000E+00 |
| 2226 | -233.465 | 3.74433 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2227 | -246.887 | 2.12500 | 0.000000E+00 |
| 2228 | -246.887 | 3.36033 | 0.000000E+00 |
| 2229 | -238.323 | 3.36067 | 0.000000E+00 |
| 2230 | -243.181 | 3.74433 | 0.000000E+00 |
| 2231 | -258.907 | 2.12500 | 0.000000E+00 |
| 2232 | -258.907 | 3.12500 | 0.000000E+00 |
| 2233 | -248.039 | 3.12500 | 0.000000E+00 |
| 2234 | -252.897 | 3.74433 | 0.000000E+00 |
| 2235 | -257.755 | 3.74433 | 0.000000E+00 |
| 2236 | -271.178 | 2.12500 | 0.000000E+00 |
| 2237 | -271.178 | 3.36067 | 0.000000E+00 |
| 2238 | -262.613 | 3.36033 | 0.000000E+00 |
| 2239 | -267.471 | 3.74433 | 0.000000E+00 |
| 2240 | -277.187 | 3.74433 | 0.000000E+00 |
| 2241 | -272.329 | 3.12500 | 0.000000E+00 |
| 2242 | -283.198 | 2.12500 | 0.000000E+00 |
| 2243 | -283.198 | 3.12500 | 0.000000E+00 |
| 2244 | -282.046 | 3.74467 | 0.000000E+00 |
| 2245 | -295.471 | 2.12500 | 0.000000E+00 |
| 2246 | -295.471 | 3.36067 | 0.000000E+00 |
| 2247 | -286.905 | 3.36067 | 0.000000E+00 |
| 2248 | -291.764 | 3.74467 | 0.000000E+00 |
| 2249 | -307.493 | 2.12500 | 0.000000E+00 |
| 2250 | -307.493 | 3.12500 | 0.000000E+00 |
| 2251 | -296.623 | 3.12500 | 0.000000E+00 |
| 2252 | -301.482 | 3.74467 | 0.000000E+00 |
| 2253 | -306.341 | 3.74467 | 0.000000E+00 |
| 2254 | -319.766 | 2.12500 | 0.000000E+00 |
| 2255 | -319.766 | 3.36067 | 0.000000E+00 |
| 2256 | -311.200 | 3.36067 | 0.000000E+00 |
| 2257 | -316.059 | 3.74467 | 0.000000E+00 |
| 2258 | -325.777 | 3.74467 | 0.000000E+00 |
| 2259 | -320.918 | 3.12500 | 0.000000E+00 |
| 2260 | -331.783 | 2.12500 | 0.000000E+00 |
| 2261 | -331.783 | 3.12500 | 0.000000E+00 |
| 2262 | -330.639 | 3.74557 | 0.000000E+00 |
| 2263 | -341.792 | 2.12500 | 0.000000E+00 |
| 2264 | -341.792 | 3.12500 | 0.000000E+00 |
| 2265 | -335.500 | 3.36414 | 0.000000E+00 |
| 2266 | -340.362 | 3.74557 | 0.000000E+00 |
| 2267 | -351.801 | 2.12500 | 0.000000E+00 |
| 2268 | -351.801 | 3.12500 | 0.000000E+00 |
| 2269 | -345.224 | 3.26895 | 0.000000E+00 |
| 2270 | -350.086 | 3.74557 | 0.000000E+00 |
| 2271 | -359.809 | 3.74557 | 0.000000E+00 |
| 2272 | -354.947 | 3.17376 | 0.000000E+00 |
| 2273 | -360.409 | 3.12500 | 0.000000E+00 |
| 2274 | -1.40000 | 3.12500 | 0.000000E+00 |
| 2275 | -0.400000 | 3.12500 | 0.000000E+00 |
| 2276 | 407.610 | 3.12500 | 0.000000E+00 |
| 2277 | 399.602 | 9.12500 | 0.000000E+00 |
| 2278 | 399.602 | 10.1738 | 0.000000E+00 |
| 2279 | 402.748 | 10.7456 | 0.000000E+00 |
| 2280 | 389.593 | 9.12500 | 0.000000E+00 |
| 2281 | 389.593 | 10.2690 | 0.000000E+00 |
| 2282 | 397.887 | 10.1250 | 0.000000E+00 |
| 2283 | 393.025 | 10.7456 | 0.000000E+00 |
| 2284 | 379.584 | 9.12500 | 0.000000E+00 |
| 2285 | 379.584 | 10.3641 | 0.000000E+00 |
| 2286 | 388.163 | 10.1250 | 0.000000E+00 |
| 2287 | 383.301 | 10.7456 | 0.000000E+00 |
| 2288 | 373.578 | 10.7456 | 0.000000E+00 |
| 2289 | 378.440 | 10.1250 | 0.000000E+00 |
| 2290 | 367.574 | 9.12500 | 0.000000E+00 |
| 2291 | 367.574 | 10.1250 | 0.000000E+00 |
| 2292 | 368.708 | 10.7484 | 0.000000E+00 |
| 2293 | 355.186 | 9.12500 | 0.000000E+00 |
| 2294 | 355.186 | 10.3856 | 0.000000E+00 |
| 2295 | 363.838 | 10.3704 | 0.000000E+00 |
| 2296 | 358.968 | 10.7484 | 0.000000E+00 |
| 2297 | 343.163 | 9.12500 | 0.000000E+00 |
| 2298 | 343.163 | 10.1250 | 0.000000E+00 |
| 2299 | 354.098 | 10.1250 | 0.000000E+00 |
| 2300 | 349.227 | 10.7484 | 0.000000E+00 |
| 2301 | 344.357 | 10.7484 | 0.000000E+00 |
| 2302 | 330.890 | 9.12500 | 0.000000E+00 |
| 2303 | 330.890 | 10.3674 | 0.000000E+00 |
| 2304 | 339.487 | 10.3502 | 0.000000E+00 |
| 2305 | 334.617 | 10.7484 | 0.000000E+00 |
| 2306 | 324.877 | 10.7484 | 0.000000E+00 |
| 2307 | 329.747 | 10.1250 | 0.000000E+00 |
| 2308 | 318.866 | 9.12500 | 0.000000E+00 |
| 2309 | 318.866 | 10.1250 | 0.000000E+00 |
| 2310 | 320.018 | 10.7447 | 0.000000E+00 |
| 2311 | 306.593 | 9.12500 | 0.000000E+00 |
| 2312 | 306.593 | 10.3607 | 0.000000E+00 |
| 2313 | 315.159 | 10.3607 | 0.000000E+00 |
| 2314 | 310.300 | 10.7447 | 0.000000E+00 |
| 2315 | 294.571 | 9.12500 | 0.000000E+00 |
| 2316 | 294.571 | 10.1250 | 0.000000E+00 |
| 2317 | 305.441 | 10.1250 | 0.000000E+00 |
| 2318 | 300.582 | 10.7447 | 0.000000E+00 |
| 2319 | 295.723 | 10.7447 | 0.000000E+00 |
| 2320 | 282.298 | 9.12500 | 0.000000E+00 |
| 2321 | 282.298 | 10.3607 | 0.000000E+00 |
| 2322 | 290.864 | 10.3607 | 0.000000E+00 |
| 2323 | 286.005 | 10.7447 | 0.000000E+00 |
| 2324 | 276.287 | 10.7447 | 0.000000E+00 |
| 2325 | 281.146 | 10.1250 | 0.000000E+00 |
| 2326 | 270.278 | 9.12500 | 0.000000E+00 |
| 2327 | 270.278 | 10.1250 | 0.000000E+00 |
| 2328 | 271.429 | 10.7443 | 0.000000E+00 |
| 2329 | 258.007 | 9.12500 | 0.000000E+00 |
| 2330 | 258.007 | 10.3603 | 0.000000E+00 |
| 2331 | 266.571 | 10.3607 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2332 | 261.713 | 10.7443 | 0.000000E+00 |
| 2333 | 245.987 | 9.12500 | 0.000000E+00 |
| 2334 | 245.987 | 10.1250 | 0.000000E+00 |
| 2335 | 256.855 | 10.1250 | 0.000000E+00 |
| 2336 | 251.997 | 10.7443 | 0.000000E+00 |
| 2337 | 247.139 | 10.7443 | 0.000000E+00 |
| 2338 | 233.716 | 9.12500 | 0.000000E+00 |
| 2339 | 233.716 | 10.3607 | 0.000000E+00 |
| 2340 | 242.281 | 10.3603 | 0.000000E+00 |
| 2341 | 237.423 | 10.7443 | 0.000000E+00 |
| 2342 | 227.707 | 10.7443 | 0.000000E+00 |
| 2343 | 232.565 | 10.1250 | 0.000000E+00 |
| 2344 | 221.697 | 9.12500 | 0.000000E+00 |
| 2345 | 221.697 | 10.1250 | 0.000000E+00 |
| 2346 | 222.850 | 10.7440 | 0.000000E+00 |
| 2347 | 209.430 | 9.12500 | 0.000000E+00 |
| 2348 | 209.430 | 10.3603 | 0.000000E+00 |
| 2349 | 217.993 | 10.3597 | 0.000000E+00 |
| 2350 | 213.136 | 10.7440 | 0.000000E+00 |
| 2351 | 197.414 | 9.12500 | 0.000000E+00 |
| 2352 | 197.414 | 10.1250 | 0.000000E+00 |
| 2353 | 208.279 | 10.1250 | 0.000000E+00 |
| 2354 | 203.422 | 10.7440 | 0.000000E+00 |
| 2355 | 198.565 | 10.7440 | 0.000000E+00 |
| 2356 | 185.147 | 9.12500 | 0.000000E+00 |
| 2357 | 185.147 | 10.3597 | 0.000000E+00 |
| 2358 | 193.708 | 10.3603 | 0.000000E+00 |
| 2359 | 188.851 | 10.7440 | 0.000000E+00 |
| 2360 | 179.137 | 10.7440 | 0.000000E+00 |
| 2361 | 183.994 | 10.1250 | 0.000000E+00 |
| 2362 | 173.130 | 9.12500 | 0.000000E+00 |
| 2363 | 173.130 | 10.1250 | 0.000000E+00 |
| 2364 | 174.282 | 10.7433 | 0.000000E+00 |
| 2365 | 160.868 | 9.12500 | 0.000000E+00 |
| 2366 | 160.868 | 10.3597 | 0.000000E+00 |
| 2367 | 169.427 | 10.3593 | 0.000000E+00 |
| 2368 | 164.572 | 10.7433 | 0.000000E+00 |
| 2369 | 148.856 | 9.12500 | 0.000000E+00 |
| 2370 | 148.856 | 10.1250 | 0.000000E+00 |
| 2371 | 159.717 | 10.1250 | 0.000000E+00 |
| 2372 | 154.862 | 10.7433 | 0.000000E+00 |
| 2373 | 150.007 | 10.7433 | 0.000000E+00 |
| 2374 | 136.594 | 9.12500 | 0.000000E+00 |
| 2375 | 136.594 | 10.3593 | 0.000000E+00 |
| 2376 | 145.152 | 10.3597 | 0.000000E+00 |
| 2377 | 140.297 | 10.7433 | 0.000000E+00 |
| 2378 | 130.587 | 10.7433 | 0.000000E+00 |
| 2379 | 135.442 | 10.1250 | 0.000000E+00 |
| 2380 | 124.582 | 9.12500 | 0.000000E+00 |
| 2381 | 124.582 | 10.1250 | 0.000000E+00 |
| 2382 | 125.734 | 10.7427 | 0.000000E+00 |
| 2383 | 112.325 | 9.12500 | 0.000000E+00 |
| 2384 | 112.325 | 10.3593 | 0.000000E+00 |
| 2385 | 120.881 | 10.3587 | 0.000000E+00 |
| 2386 | 116.028 | 10.7427 | 0.000000E+00 |
| 2387 | 100.318 | 9.12500 | 0.000000E+00 |
| 2388 | 100.318 | 10.1250 | 0.000000E+00 |
| 2389 | 111.175 | 10.1250 | 0.000000E+00 |
| 2390 | 106.322 | 10.7427 | 0.000000E+00 |
| 2391 | 101.469 | 10.7427 | 0.000000E+00 |
| 2392 | 88.0610 | 9.12500 | 0.000000E+00 |
| 2393 | 88.0610 | 10.3590 | 0.000000E+00 |
| 2394 | 96.6160 | 10.3590 | 0.000000E+00 |
| 2395 | 91.7630 | 10.7427 | 0.000000E+00 |
| 2396 | 82.0570 | 10.7427 | 0.000000E+00 |
| 2397 | 86.9100 | 10.1250 | 0.000000E+00 |
| 2398 | 76.0550 | 9.12500 | 0.000000E+00 |
| 2399 | 76.0550 | 10.1250 | 0.000000E+00 |
| 2400 | 77.2060 | 10.7420 | 0.000000E+00 |
| 2401 | 63.8030 | 9.12500 | 0.000000E+00 |
| 2402 | 63.8030 | 10.3587 | 0.000000E+00 |
| 2403 | 72.3550 | 10.3583 | 0.000000E+00 |
| 2404 | 67.5040 | 10.7420 | 0.000000E+00 |
| 2405 | 51.8010 | 9.12500 | 0.000000E+00 |
| 2406 | 51.8010 | 10.1250 | 0.000000E+00 |
| 2407 | 62.6530 | 10.1250 | 0.000000E+00 |
| 2408 | 57.8020 | 10.7420 | 0.000000E+00 |
| 2409 | 52.9510 | 10.7420 | 0.000000E+00 |
| 2410 | 39.5490 | 9.12500 | 0.000000E+00 |
| 2411 | 39.5490 | 10.3583 | 0.000000E+00 |
| 2412 | 48.1000 | 10.3587 | 0.000000E+00 |
| 2413 | 43.2490 | 10.7420 | 0.000000E+00 |
| 2414 | 33.5470 | 10.7420 | 0.000000E+00 |
| 2415 | 38.3980 | 10.1250 | 0.000000E+00 |
| 2416 | 27.5470 | 9.12500 | 0.000000E+00 |
| 2417 | 27.5470 | 10.1250 | 0.000000E+00 |
| 2418 | 28.8260 | 10.6987 | 0.000000E+00 |
| 2419 | 17.5480 | 9.12500 | 0.000000E+00 |
| 2420 | 17.5480 | 10.1250 | 0.000000E+00 |
| 2421 | 24.1050 | 10.2723 | 0.000000E+00 |
| 2422 | 19.3840 | 10.6987 | 0.000000E+00 |
| 2423 | 7.54900 | 9.12500 | 0.000000E+00 |
| 2424 | 7.54900 | 10.1250 | 0.000000E+00 |
| 2425 | 14.6630 | 10.1250 | 0.000000E+00 |
| 2426 | 9.94200 | 10.6987 | 0.000000E+00 |
| 2427 | 0.500000 | 10.6987 | 0.000000E+00 |
| 2428 | 5.22100 | 10.1250 | 0.000000E+00 |
| 2429 | -8.44900 | 9.12500 | 0.000000E+00 |
| 2430 | -8.44900 | 10.1250 | 0.000000E+00 |
| 2431 | -6.12100 | 10.6987 | 0.000000E+00 |
| 2432 | -18.4480 | 9.12500 | 0.000000E+00 |
| 2433 | -18.4480 | 10.1250 | 0.000000E+00 |
| 2434 | -10.8420 | 10.1250 | 0.000000E+00 |
| 2435 | -15.5630 | 10.6987 | 0.000000E+00 |
| 2436 | -28.4470 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2437 | -28.4470 | 10.2723 | 0.000000E+00 |
| 2438 | -20.2840 | 10.1250 | 0.000000E+00 |
| 2439 | -25.0050 | 10.6987 | 0.000000E+00 |
| 2440 | -34.4470 | 10.6987 | 0.000000E+00 |
| 2441 | -29.7260 | 10.1250 | 0.000000E+00 |
| 2442 | -40.4490 | 9.12500 | 0.000000E+00 |
| 2443 | -40.4490 | 10.1250 | 0.000000E+00 |
| 2444 | -39.2980 | 10.7420 | 0.000000E+00 |
| 2445 | -52.7010 | 9.12500 | 0.000000E+00 |
| 2446 | -52.7010 | 10.3587 | 0.000000E+00 |
| 2447 | -44.1490 | 10.3583 | 0.000000E+00 |
| 2448 | -49.0000 | 10.7420 | 0.000000E+00 |
| 2449 | -64.7030 | 9.12500 | 0.000000E+00 |
| 2450 | -64.7030 | 10.1250 | 0.000000E+00 |
| 2451 | -53.8510 | 10.1250 | 0.000000E+00 |
| 2452 | -58.7020 | 10.7420 | 0.000000E+00 |
| 2453 | -63.5530 | 10.7420 | 0.000000E+00 |
| 2454 | -76.9550 | 9.12500 | 0.000000E+00 |
| 2455 | -76.9550 | 10.3583 | 0.000000E+00 |
| 2456 | -68.4040 | 10.3587 | 0.000000E+00 |
| 2457 | -73.2550 | 10.7420 | 0.000000E+00 |
| 2458 | -82.9570 | 10.7420 | 0.000000E+00 |
| 2459 | -78.1060 | 10.1250 | 0.000000E+00 |
| 2460 | -88.9610 | 9.12500 | 0.000000E+00 |
| 2461 | -88.9610 | 10.1250 | 0.000000E+00 |
| 2462 | -87.8100 | 10.7427 | 0.000000E+00 |
| 2463 | -101.218 | 9.12500 | 0.000000E+00 |
| 2464 | -101.218 | 10.3590 | 0.000000E+00 |
| 2465 | -92.6630 | 10.3590 | 0.000000E+00 |
| 2466 | -97.5160 | 10.7427 | 0.000000E+00 |
| 2467 | -113.225 | 9.12500 | 0.000000E+00 |
| 2468 | -113.225 | 10.1250 | 0.000000E+00 |
| 2469 | -102.369 | 10.1250 | 0.000000E+00 |
| 2470 | -107.222 | 10.7427 | 0.000000E+00 |
| 2471 | -112.075 | 10.7427 | 0.000000E+00 |
| 2472 | -125.482 | 9.12500 | 0.000000E+00 |
| 2473 | -125.482 | 10.3587 | 0.000000E+00 |
| 2474 | -116.928 | 10.3593 | 0.000000E+00 |
| 2475 | -121.781 | 10.7427 | 0.000000E+00 |
| 2476 | -131.487 | 10.7427 | 0.000000E+00 |
| 2477 | -126.634 | 10.1250 | 0.000000E+00 |
| 2478 | -137.494 | 9.12500 | 0.000000E+00 |
| 2479 | -137.494 | 10.1250 | 0.000000E+00 |
| 2480 | -136.342 | 10.7433 | 0.000000E+00 |
| 2481 | -149.756 | 9.12500 | 0.000000E+00 |
| 2482 | -149.756 | 10.3597 | 0.000000E+00 |
| 2483 | -141.197 | 10.3593 | 0.000000E+00 |
| 2484 | -146.052 | 10.7433 | 0.000000E+00 |
| 2485 | -161.768 | 9.12500 | 0.000000E+00 |
| 2486 | -161.768 | 10.1250 | 0.000000E+00 |
| 2487 | -150.907 | 10.1250 | 0.000000E+00 |
| 2488 | -155.762 | 10.7433 | 0.000000E+00 |
| 2489 | -160.617 | 10.7433 | 0.000000E+00 |
| 2490 | -174.030 | 9.12500 | 0.000000E+00 |
| 2491 | -174.030 | 10.3593 | 0.000000E+00 |
| 2492 | -165.472 | 10.3597 | 0.000000E+00 |
| 2493 | -170.327 | 10.7433 | 0.000000E+00 |
| 2494 | -180.037 | 10.7433 | 0.000000E+00 |
| 2495 | -175.182 | 10.1250 | 0.000000E+00 |
| 2496 | -186.047 | 9.12500 | 0.000000E+00 |
| 2497 | -186.047 | 10.1250 | 0.000000E+00 |
| 2498 | -184.894 | 10.7440 | 0.000000E+00 |
| 2499 | -198.314 | 9.12500 | 0.000000E+00 |
| 2500 | -198.314 | 10.3603 | 0.000000E+00 |
| 2501 | -189.751 | 10.3597 | 0.000000E+00 |
| 2502 | -194.608 | 10.7440 | 0.000000E+00 |
| 2503 | -210.330 | 9.12500 | 0.000000E+00 |
| 2504 | -210.330 | 10.1250 | 0.000000E+00 |
| 2505 | -199.465 | 10.1250 | 0.000000E+00 |
| 2506 | -204.322 | 10.7440 | 0.000000E+00 |
| 2507 | -209.179 | 10.7440 | 0.000000E+00 |
| 2508 | -222.597 | 9.12500 | 0.000000E+00 |
| 2509 | -222.597 | 10.3597 | 0.000000E+00 |
| 2510 | -214.036 | 10.3603 | 0.000000E+00 |
| 2511 | -218.893 | 10.7440 | 0.000000E+00 |
| 2512 | -228.607 | 10.7440 | 0.000000E+00 |
| 2513 | -223.750 | 10.1250 | 0.000000E+00 |
| 2514 | -234.616 | 9.12500 | 0.000000E+00 |
| 2515 | -234.616 | 10.1250 | 0.000000E+00 |
| 2516 | -233.465 | 10.7443 | 0.000000E+00 |
| 2517 | -246.887 | 9.12500 | 0.000000E+00 |
| 2518 | -246.887 | 10.3603 | 0.000000E+00 |
| 2519 | -238.323 | 10.3607 | 0.000000E+00 |
| 2520 | -243.181 | 10.7443 | 0.000000E+00 |
| 2521 | -258.907 | 9.12500 | 0.000000E+00 |
| 2522 | -258.907 | 10.1250 | 0.000000E+00 |
| 2523 | -248.039 | 10.1250 | 0.000000E+00 |
| 2524 | -252.897 | 10.7443 | 0.000000E+00 |
| 2525 | -257.755 | 10.7443 | 0.000000E+00 |
| 2526 | -271.178 | 9.12500 | 0.000000E+00 |
| 2527 | -271.178 | 10.3607 | 0.000000E+00 |
| 2528 | -262.613 | 10.3603 | 0.000000E+00 |
| 2529 | -267.471 | 10.7443 | 0.000000E+00 |
| 2530 | -277.187 | 10.7443 | 0.000000E+00 |
| 2531 | -272.329 | 10.1250 | 0.000000E+00 |
| 2532 | -283.198 | 9.12500 | 0.000000E+00 |
| 2533 | -283.198 | 10.1250 | 0.000000E+00 |
| 2534 | -282.046 | 10.7447 | 0.000000E+00 |
| 2535 | -295.471 | 9.12500 | 0.000000E+00 |
| 2536 | -295.471 | 10.3607 | 0.000000E+00 |
| 2537 | -286.905 | 10.3607 | 0.000000E+00 |
| 2538 | -291.764 | 10.7447 | 0.000000E+00 |
| 2539 | -307.493 | 9.12500 | 0.000000E+00 |
| 2540 | -307.493 | 10.1250 | 0.000000E+00 |
| 2541 | -296.623 | 10.1250 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2542 | -301.482 | 10.7447 | 0.000000E+00 |
| 2543 | -306.341 | 10.7447 | 0.000000E+00 |
| 2544 | -319.766 | 9.12500 | 0.000000E+00 |
| 2545 | -319.766 | 10.3607 | 0.000000E+00 |
| 2546 | -311.200 | 10.3607 | 0.000000E+00 |
| 2547 | -316.059 | 10.7447 | 0.000000E+00 |
| 2548 | -325.777 | 10.7447 | 0.000000E+00 |
| 2549 | -320.918 | 10.1250 | 0.000000E+00 |
| 2550 | -331.783 | 9.12500 | 0.000000E+00 |
| 2551 | -331.783 | 10.1250 | 0.000000E+00 |
| 2552 | -330.639 | 10.7456 | 0.000000E+00 |
| 2553 | -341.792 | 9.12500 | 0.000000E+00 |
| 2554 | -341.792 | 10.1250 | 0.000000E+00 |
| 2555 | -335.500 | 10.3641 | 0.000000E+00 |
| 2556 | -340.362 | 10.7456 | 0.000000E+00 |
| 2557 | -351.801 | 9.12500 | 0.000000E+00 |
| 2558 | -351.801 | 10.1250 | 0.000000E+00 |
| 2559 | -345.224 | 10.2690 | 0.000000E+00 |
| 2560 | -350.086 | 10.7456 | 0.000000E+00 |
| 2561 | -359.809 | 10.7456 | 0.000000E+00 |
| 2562 | -354.947 | 10.1738 | 0.000000E+00 |
| 2563 | -360.409 | 10.1250 | 0.000000E+00 |
| 2564 | -1.40000 | 10.1250 | 0.000000E+00 |
| 2565 | -0.400000 | 10.1250 | 0.000000E+00 |
| 2566 | 407.610 | 10.1250 | 0.000000E+00 |
| 2567 | -360.409 | 5.62500 | 0.000000E+00 |
| 2568 | -359.242 | 9.12500 | 0.000000E+00 |
| 2569 | -359.242 | 5.62500 | 0.000000E+00 |
| 2570 | -0.500000 | 5.62500 | 0.000000E+00 |
| 2571 | 0.666667 | 9.12500 | 0.000000E+00 |
| 2572 | 0.666667 | 5.62500 | 0.000000E+00 |
| 2573 | -0.400000 | 5.62500 | 0.000000E+00 |
| 2574 | 0.766667 | 9.12500 | 0.000000E+00 |
| 2575 | 0.766667 | 5.62500 | 0.000000E+00 |
| 2576 | 408.210 | 5.62500 | 0.000000E+00 |
| 2577 | 409.377 | 9.12500 | 0.000000E+00 |
| 2578 | 409.377 | 5.62500 | 0.000000E+00 |
| 2579 | 407.610 | 9.12500 | -2.50000 |
| 2580 | 407.610 | 8.12500 | -2.50000 |
| 2581 | -359.809 | 2.12500 | -2.50000 |
| 2582 | -359.809 | 9.12500 | -2.50000 |
| 2583 | 407.610 | 2.12500 | -2.50000 |
| 2584 | 407.610 | 9.12500 | -2.50000 |
| 2585 | -361.409 | 5.62500 | 0.000000E+00 |
| 2586 | 409.210 | 5.62500 | 0.000000E+00 |
| 2587 | -359.809 | 5.62500 | -2.90000 |
| 2588 | -325.777 | 5.62500 | -8.80000 |
| 2589 | -277.187 | 5.62500 | -9.30000 |
| 2590 | -228.607 | 5.62500 | -9.80000 |
| 2591 | -180.037 | 5.62500 | -10.3000 |
| 2592 | -131.487 | 5.62500 | -10.5500 |
| 2593 | -82.9570 | 5.62500 | -11.3000 |
| 2594 | -34.4470 | 5.62500 | -11.5500 |
| 2595 | -0.447000 | 5.62500 | -12.3000 |
| 2596 | 33.5470 | 5.62500 | -11.8000 |
| 2597 | 82.0570 | 5.62500 | -11.3000 |
| 2598 | 130.587 | 5.62500 | -11.3000 |
| 2599 | 179.137 | 5.62500 | -11.0500 |
| 2600 | 227.707 | 5.62500 | -10.3000 |
| 2601 | 276.287 | 5.62500 | -10.3000 |
| 2602 | 324.877 | 5.62500 | -10.5500 |
| 2603 | 373.578 | 5.62500 | -10.5500 |
| 2604 | 407.610 | 5.62500 | -2.90000 |
| 2605 | -359.809 | 2.12500 | -2.50000 |
| 2606 | -359.809 | 9.12500 | -2.50000 |
| 2607 | 0.500000 | 2.12500 | -2.50000 |
| 2608 | 0.500000 | 9.12500 | -2.50000 |
| 2609 | 407.610 | 2.12500 | -2.50000 |
| 2610 | 407.610 | 9.12500 | -2.50000 |
| 2611 | -359.809 | 5.62500 | -2.90000 |
| 2612 | 407.610 | 5.62500 | -2.90000 |
| 2613 | -358.809 | 2.12500 | -2.50000 |
| 2614 | -359.809 | 3.12500 | -2.50000 |
| 2615 | -358.809 | 9.12500 | -2.50000 |
| 2616 | -359.809 | 10.1250 | -2.50000 |
| 2617 | -324.777 | 2.12500 | -2.50000 |
| 2618 | -325.777 | 3.12500 | -2.50000 |
| 2619 | -324.777 | 9.12500 | -2.50000 |
| 2620 | -325.777 | 10.1250 | -2.50000 |
| 2621 | -276.187 | 2.12500 | -2.50000 |
| 2622 | -277.187 | 3.12500 | -2.50000 |
| 2623 | -276.187 | 9.12500 | -2.50000 |
| 2624 | -277.187 | 10.1250 | -2.50000 |
| 2625 | -227.607 | 2.12500 | -2.50000 |
| 2626 | -228.607 | 3.12500 | -2.50000 |
| 2627 | -227.607 | 9.12500 | -2.50000 |
| 2628 | -228.607 | 10.1250 | -2.50000 |
| 2629 | -179.037 | 2.12500 | -2.50000 |
| 2630 | -180.037 | 3.12500 | -2.50000 |
| 2631 | -179.037 | 9.12500 | -2.50000 |
| 2632 | -180.037 | 10.1250 | -2.50000 |
| 2633 | -130.487 | 2.12500 | -2.50000 |
| 2634 | -131.487 | 3.12500 | -2.50000 |
| 2635 | -130.487 | 9.12500 | -2.50000 |
| 2636 | -131.487 | 10.1250 | -2.50000 |
| 2637 | -81.9570 | 2.12500 | -2.50000 |
| 2638 | -82.9570 | 3.12500 | -2.50000 |
| 2639 | -81.9570 | 9.12500 | -2.50000 |
| 2640 | -82.9570 | 10.1250 | -2.50000 |
| 2641 | -33.4470 | 2.12500 | -2.50000 |
| 2642 | -34.4470 | 3.12500 | -2.50000 |
| 2643 | -33.4470 | 9.12500 | -2.50000 |
| 2644 | -34.4470 | 10.1250 | -2.50000 |
| 2645 | -0.400000 | 2.12500 | -2.50000 |
| 2646 | -1.40000 | 3.12500 | -2.50000 |

| | | | |
|------|-----------|---------|--------------|
| 2647 | -0.400000 | 9.12500 | -2.50000 |
| 2648 | -1.40000 | 10.1250 | -2.50000 |
| 2649 | 1.50000 | 2.12500 | -2.50000 |
| 2650 | 0.500000 | 3.12500 | -2.50000 |
| 2651 | 1.50000 | 9.12500 | -2.50000 |
| 2652 | 0.500000 | 10.1250 | -2.50000 |
| 2653 | 34.5470 | 2.12500 | -2.50000 |
| 2654 | 33.5470 | 3.12500 | -2.50000 |
| 2655 | 34.5470 | 9.12500 | -2.50000 |
| 2656 | 33.5470 | 10.1250 | -2.50000 |
| 2657 | 83.0570 | 2.12500 | -2.50000 |
| 2658 | 82.0570 | 3.12500 | -2.50000 |
| 2659 | 83.0570 | 9.12500 | -2.50000 |
| 2660 | 82.0570 | 10.1250 | -2.50000 |
| 2661 | 131.587 | 2.12500 | -2.50000 |
| 2662 | 130.587 | 3.12500 | -2.50000 |
| 2663 | 131.587 | 9.12500 | -2.50000 |
| 2664 | 130.587 | 10.1250 | -2.50000 |
| 2665 | 180.137 | 2.12500 | -2.50000 |
| 2666 | 179.137 | 3.12500 | -2.50000 |
| 2667 | 180.137 | 9.12500 | -2.50000 |
| 2668 | 179.137 | 10.1250 | -2.50000 |
| 2669 | 228.707 | 2.12500 | -2.50000 |
| 2670 | 227.707 | 3.12500 | -2.50000 |
| 2671 | 228.707 | 9.12500 | -2.50000 |
| 2672 | 227.707 | 10.1250 | -2.50000 |
| 2673 | 277.287 | 2.12500 | -2.50000 |
| 2674 | 276.287 | 3.12500 | -2.50000 |
| 2675 | 277.287 | 9.12500 | -2.50000 |
| 2676 | 276.287 | 10.1250 | -2.50000 |
| 2677 | 325.877 | 2.12500 | -2.50000 |
| 2678 | 324.877 | 3.12500 | -2.50000 |
| 2679 | 325.877 | 9.12500 | -2.50000 |
| 2680 | 324.877 | 10.1250 | -2.50000 |
| 2681 | 374.578 | 2.12500 | -2.50000 |
| 2682 | 373.578 | 3.12500 | -2.50000 |
| 2683 | 374.578 | 9.12500 | -2.50000 |
| 2684 | 373.578 | 10.1250 | -2.50000 |
| 2685 | 406.610 | 2.12500 | -2.50000 |
| 2686 | 407.610 | 1.12500 | -2.50000 |
| 2687 | 406.610 | 9.12500 | -2.50000 |
| 2688 | 407.610 | 8.12500 | -2.50000 |
| 2689 | -360.409 | 5.62500 | 0.000000E+00 |
| 2690 | -361.409 | 6.62500 | 0.000000E+00 |
| 2691 | 0.500000 | 5.62500 | 0.000000E+00 |
| 2692 | -0.500000 | 6.62500 | 0.000000E+00 |
| 2693 | 408.210 | 5.62500 | 0.000000E+00 |
| 2694 | 409.210 | 4.62500 | 0.000000E+00 |
| 2695 | -358.809 | 5.62500 | -2.90000 |
| 2696 | -359.809 | 6.62500 | -2.90000 |
| 2697 | -324.777 | 5.62500 | -8.80000 |
| 2698 | -325.777 | 6.62500 | -8.80000 |
| 2699 | -276.187 | 5.62500 | -9.30000 |
| 2700 | -277.187 | 6.62500 | -9.30000 |
| 2701 | -227.607 | 5.62500 | -9.80000 |
| 2702 | -228.607 | 6.62500 | -9.80000 |
| 2703 | -179.037 | 5.62500 | -10.3000 |
| 2704 | -180.037 | 6.62500 | -10.3000 |
| 2705 | -130.487 | 5.62500 | -10.5500 |
| 2706 | -131.487 | 6.62500 | -10.5500 |
| 2707 | -81.9570 | 5.62500 | -11.3000 |
| 2708 | -82.9570 | 6.62500 | -11.3000 |
| 2709 | -33.4470 | 5.62500 | -11.5500 |
| 2710 | -34.4470 | 6.62500 | -11.5500 |
| 2711 | 0.553000 | 5.62500 | -12.3000 |
| 2712 | -0.447000 | 6.62500 | -12.3000 |
| 2713 | 34.5470 | 5.62500 | -11.8000 |
| 2714 | 33.5470 | 6.62500 | -11.8000 |
| 2715 | 83.0570 | 5.62500 | -11.3000 |
| 2716 | 82.0570 | 6.62500 | -11.3000 |
| 2717 | 131.587 | 5.62500 | -11.3000 |
| 2718 | 130.587 | 6.62500 | -11.3000 |
| 2719 | 180.137 | 5.62500 | -11.0500 |
| 2720 | 179.137 | 6.62500 | -11.0500 |
| 2721 | 228.707 | 5.62500 | -10.3000 |
| 2722 | 227.707 | 6.62500 | -10.3000 |
| 2723 | 277.287 | 5.62500 | -10.3000 |
| 2724 | 276.287 | 6.62500 | -10.3000 |
| 2725 | 325.877 | 5.62500 | -10.5500 |
| 2726 | 324.877 | 6.62500 | -10.5500 |
| 2727 | 374.578 | 5.62500 | -10.5500 |
| 2728 | 373.578 | 6.62500 | -10.5500 |
| 2729 | 408.610 | 5.62500 | -2.90000 |
| 2730 | 407.610 | 6.62500 | -2.90000 |
| 2731 | -358.809 | 2.12500 | -2.50000 |
| 2732 | -359.809 | 3.12500 | -2.50000 |
| 2733 | -358.809 | 9.12500 | -2.50000 |
| 2734 | -359.809 | 10.1250 | -2.50000 |
| 2735 | 1.50000 | 2.12500 | -2.50000 |
| 2736 | 0.500000 | 3.12500 | -2.50000 |
| 2737 | 1.50000 | 9.12500 | -2.50000 |
| 2738 | 0.500000 | 10.1250 | -2.50000 |
| 2739 | 406.610 | 2.12500 | -2.50000 |
| 2740 | 407.610 | 1.12500 | -2.50000 |
| 2741 | 406.610 | 9.12500 | -2.50000 |
| 2742 | 407.610 | 8.12500 | -2.50000 |

TOTAL NUMBER OF NODES = 2742
LARGEST NODE NUMBER = 2742

DATA STORAGE LOCATIONS USED = 19194

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

C1 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | | |
| 1 | 1ST NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | | MF1 =0.1773E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | |

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

C1 (Bridge deck - girder with top slab) with BDM_Phase1
PROPERTY

| | | | | | | | | | | |
|--|----------|-----------------|----------------|-----------------|-----------------|-------------|--|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | | |
| 21 | 1ST NODE | AREA =0.7074 | IYY =0.7870 | IZZ =0.4614E-01 | KT =0.1698E-03 | ASZ =0.2513 | | | | |
| | | ASY =0.3301 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =0.7074 | IYY =0.7870 | IZZ =0.4614E-01 | KT =0.1698E-03 | ASZ =0.2513 | | | | |
| | | ASY =0.3301 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | | MF1 =0.0000E+00 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | |

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

C2 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | | |
| 2 | 1ST NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | | MF1 =0.2002E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | |

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

C2 (Bridge deck - girder with top slab) with BDM_Phase1
PROPERTY

| | | | | | | | | | | |
|--|----------|-----------------|----------------|-----------------|-----------------|-------------|--|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | | |
| 22 | 1ST NODE | AREA =0.8405 | IYY =0.9608 | IZZ =0.8028E-01 | KT =0.3696E-03 | ASZ =0.2524 | | | | |
| | | ASY =0.4335 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =0.8405 | IYY =0.9608 | IZZ =0.8028E-01 | KT =0.3696E-03 | ASZ =0.2524 | | | | |
| | | ASY =0.4335 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | | MF1 =0.0000E+00 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | | |
|----------------|----------|-------------|------------|------------|----------------|------------|--|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | | |
| 3 | 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | | |

| | | | | | |
|----------|-------------|----------------|----------------|-----------------|------------|
| 2ND NODE | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | ASZ =1.686 |
| | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase1
PROPERTY

| | | | | | | |
|----------------|--------------|----------------|-----------------|-----------------|-------------|--|
| BMI21 ELEMENTS | | | | | | |
| 23 1ST NODE | AREA =0.8710 | IYY =0.9766 | IZZ =0.7926E-01 | KT =0.3802E-03 | ASZ =0.2797 | |
| | ASY =0.4338 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | |
| 2ND NODE | AREA =0.8710 | IYY =0.9766 | IZZ =0.7926E-01 | KT =0.3802E-03 | ASZ =0.2797 | |
| | ASY =0.4338 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.0000E+00 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C4_cracked (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|--|
| BMI21 ELEMENTS | | | | | | |
| 4 1ST NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 | |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | |
| 2ND NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 | |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.4794E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C4_cracked (Bridge deck - girder with top slab) with BDM_Phase1
PROPERTY

| | | | | | | |
|----------------|-------------|----------------|----------------|-----------------|-------------|--|
| BMI21 ELEMENTS | | | | | | |
| 24 1ST NODE | AREA =1.000 | IYY =1.122 | IZZ =0.1005 | KT =0.6192E-03 | ASZ =0.3077 | |
| | ASY =0.5110 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | |
| 2ND NODE | AREA =1.000 | IYY =1.122 | IZZ =0.1005 | KT =0.6192E-03 | ASZ =0.3077 | |
| | ASY =0.5110 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.0000E+00 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|--|
| BMI21 ELEMENTS | | | | | | |
| 5 1ST NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 | |
| | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | |
| 2ND NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 | |
| | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.1951E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase1
 PROPERTY

BMI21 ELEMENTS
 25 1ST NODE AREA = 0.8096 IYY = 0.8982 IZZ = 0.9444E-01 KT = 0.3395E-03 ASZ = 0.2518
 ASY = 0.4097 EZ = 0.0000E+00 EY = 0.0000E+00 IYZ = 0.0000E+00
 2ND NODE AREA = 0.8096 IYY = 0.8982 IZZ = 0.9444E-01 KT = 0.3395E-03 ASZ = 0.2518
 ASY = 0.4097 EZ = 0.0000E+00 EY = 0.0000E+00 IYZ = 0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 0.0000E+00 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
 PROPERTY

BMI21 ELEMENTS
 6 1ST NODE AREA = 2.697 IYY = 2.449 IZZ = 4.951 KT = 0.2569E-01 ASZ = 1.686
 ASY = 1.840 EZ = 0.0000E+00 EY = 0.0000E+00 IYZ = 0.0000E+00
 2ND NODE AREA = 2.697 IYY = 2.449 IZZ = 4.951 KT = 0.2569E-01 ASZ = 1.686
 ASY = 1.840 EZ = 0.0000E+00 EY = 0.0000E+00 IYZ = 0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 8.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 0.2051E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase1
 PROPERTY

BMI21 ELEMENTS
 26 1ST NODE AREA = 0.8710 IYY = 0.9766 IZZ = 0.7926E-01 KT = 0.3802E-03 ASZ = 0.2797
 ASY = 0.4338 EZ = 0.0000E+00 EY = 0.0000E+00 IYZ = 0.0000E+00
 2ND NODE AREA = 0.8710 IYY = 0.9766 IZZ = 0.7926E-01 KT = 0.3802E-03 ASZ = 0.2797
 ASY = 0.4338 EZ = 0.0000E+00 EY = 0.0000E+00 IYZ = 0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 0.0000E+00 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_riva (Sct5 (RSS D=0.3 B=4.72)) & modifier_Jz_soletta
 PROPERTY

BMI21 ELEMENTS
 7 1ST NODE AREA = 1.416 IYY = 0.1062E-01 IZZ = 2.629 KT = 0.4078E-01 ASZ = 1.182
 ASY = 1.180 EZ = 0.0000E+00 EY = 0.0000E+00 IYZ = 0.0000E+00
 2ND NODE AREA = 1.416 IYY = 0.1062E-01 IZZ = 2.629 KT = 0.4078E-01 ASZ = 1.182
 ASY = 1.180 EZ = 0.0000E+00 EY = 0.0000E+00 IYZ = 0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_interne (Sct7 (RSS D=0.3 B=4.86)) & modifier_Jz_soletta
PROPERTY

```
BMI21 ELEMENTS
8 1ST NODE AREA =1.458 IYY =0.1093E-01 IZZ =2.870 KT =0.4204E-01 ASZ =1.217
   ASY =1.215 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.458 IYY =0.1093E-01 IZZ =2.870 KT =0.4204E-01 ASZ =1.217
   ASY =1.215 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000
```

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

el_soletta_riva_terminali (Sct4 (RSS D=0.3 B=2.9)) & modifier_Jz_soletta
PROPERTY

```
BMI21 ELEMENTS
9 1ST NODE AREA =0.8700 IYY =0.6525E-02 IZZ =0.6097 KT =0.2440E-01 ASZ =0.7258
   ASY =0.7250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.8700 IYY =0.6525E-02 IZZ =0.6097 KT =0.2440E-01 ASZ =0.7258
   ASY =0.7250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000
```

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

el_soletta_riva_estremi (el_soletta_estremi (RSS D=0.3 B=0.05)) & modifier_Jz_soletta
PROPERTY

```
BMI21 ELEMENTS
10 1ST NODE AREA =0.1500E-01 IYY =0.1125E-03 IZZ =0.3125E-05 KT =0.1119E-04 ASZ =0.1250E-01
   ASY =0.1251E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1500E-01 IYY =0.1125E-03 IZZ =0.3125E-05 KT =0.1119E-04 ASZ =0.1250E-01
   ASY =0.1251E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000
```

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

traversi_appoggio (Sct1 (I D=1 B=0.3 tf=0.02 tw=0.018 r=0))
PROPERTY

```
BMI21 ELEMENTS
11 1ST NODE AREA =0.2928E-01 IYY =0.4209E-02 IZZ =0.9047E-04 KT =0.3477E-05 ASZ =0.1703E-01
   ASY =0.1027E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2928E-01 IYY =0.4209E-02 IZZ =0.9047E-04 KT =0.3477E-05 ASZ =0.1703E-01
   ASY =0.1027E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
```

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

traversi_intermedi (Sct2 (I D=1 B=0.3 tf=0.02 tw=0.015 r=0))
PROPERTY

```
BMI21 ELEMENTS
12 1ST NODE AREA =0.2640E-01 IYY =0.3988E-02 IZZ =0.9027E-04 KT =0.2665E-05 ASZ =0.1428E-01
   ASY =0.1017E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2640E-01 IYY =0.3988E-02 IZZ =0.9027E-04 KT =0.2665E-05 ASZ =0.1428E-01
   ASY =0.1017E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
```

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

Pulvino_pila_corrente (Pulvino_corrente (RSS D=2.5 B=1.8))
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 13 | 1ST NODE | AREA | =4.500 | IYY | =2.344 | IZZ | =1.215 | KT | =2.710 | ASZ | =3.750 |
| | | ASY | =3.751 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =4.500 | IYY | =2.344 | IZZ | =1.215 | KT | =2.710 | ASZ | =3.750 |
| | | ASY | =3.751 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

rigid
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|
| 14 | 1ST NODE | AREA | =10.00 | IYY | =100.0 | IZZ | =100.0 | KT | =100.0 | ASZ | =0.1000E+05 |
| | | ASY | =0.1000E+05 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =10.00 | IYY | =100.0 | IZZ | =100.0 | KT | =100.0 | ASZ | =0.1000E+05 |
| | | ASY | =0.1000E+05 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

Pila Corrente (Fusto_pila_tipo)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|--------------|-----|--------|
| 15 | 1ST NODE | AREA | =6.927 | IYY | =7.940 | IZZ | =23.78 | KT | =22.73 | ASZ | =1.720 |
| | | ASY | =4.929 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =-0.2837E-13 | | |
| | 2ND NODE | AREA | =6.927 | IYY | =7.940 | IZZ | =23.78 | KT | =22.73 | ASZ | =1.720 |
| | | ASY | =4.929 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =-0.2837E-13 | | |

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

Plinto_Pila_corrente (Plinto_corrente (RSS D=9.6 B=6) R90)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 16 | 1ST NODE | AREA | =57.60 | IYY | =172.8 | IZZ | =442.4 | KT | =422.5 | ASZ | =48.01 |
| | | ASY | =48.00 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =57.60 | IYY | =172.8 | IZZ | =442.4 | KT | =422.5 | ASZ | =48.01 |
| | | ASY | =48.00 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

Pulvino_pila_P8 (Pulvino_P8 (RSS D=2.5 B=3.3))
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 17 | 1ST NODE | AREA | =8.250 | IYY | =4.297 | IZZ | =7.487 | KT | =9.236 | ASZ | =6.876 |
| | | ASY | =6.876 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =8.250 | IYY | =4.297 | IZZ | =7.487 | KT | =9.236 | ASZ | =6.876 |
| | | ASY | =6.876 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

Plinto_Pila_P8 (Plinto_P8 (RSS D=9.6 B=9.6) R90)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 18 | 1ST NODE | AREA | =92.16 | IYY | =707.8 | IZZ | =707.8 | KT | =1194. | ASZ | =76.81 |
| | | ASY | =76.81 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =92.16 | IYY | =707.8 | IZZ | =707.8 | KT | =1194. | ASZ | =76.81 |
| | | ASY | =76.81 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

PilaP8 (Fusto_P8)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 19 | 1ST NODE | AREA | =12.78 | IYY | =32.10 | IZZ | =42.31 | KT | =62.60 | ASZ | =3.264 |
| | | ASY | =9.320 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.2595E-13 | | |
| | 2ND NODE | AREA | =12.78 | IYY | =32.10 | IZZ | =42.31 | KT | =62.60 | ASZ | =3.264 |
| | | ASY | =9.320 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.2595E-13 | | |

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

joints
PROPERTY

JSH4 ELEMENTS
20 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 2132

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

| FIRST ELEMENT | LAST ELEMENT | DIFF- ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|------------------|-----------------|-----------------|------------------|------------------|
| 1 | 4 | 1 | 14 | 32 |
| 5 | 8 | 1 | 13 | 31 |
| 9 | 0 | 0 | 14 | 32 |
| 10 | 17 | 1 | 15 | 33 |
| 18 | 19 | 1 | 14 | 32 |
| 20 | 23 | 1 | 13 | 31 |
| 24 | 0 | 0 | 14 | 32 |
| 25 | 32 | 1 | 15 | 33 |
| 33 | 34 | 1 | 14 | 32 |
| 35 | 36 | 1 | 16 | 34 |
| 37 | 38 | 1 | 14 | 32 |
| 39 | 42 | 1 | 13 | 31 |
| 43 | 0 | 0 | 14 | 32 |
| 44 | 51 | 1 | 15 | 33 |
| 52 | 0 | 0 | 16 | 34 |
| 53 | 56 | 1 | 14 | 32 |
| 57 | 60 | 1 | 13 | 31 |
| 61 | 0 | 0 | 14 | 32 |
| 62 | 69 | 1 | 15 | 33 |
| 70 | 0 | 0 | 16 | 34 |
| 71 | 74 | 1 | 14 | 32 |
| 75 | 78 | 1 | 13 | 31 |
| 79 | 0 | 0 | 14 | 32 |
| 80 | 87 | 1 | 15 | 33 |
| 88 | 0 | 0 | 16 | 34 |
| 89 | 92 | 1 | 14 | 32 |
| 93 | 96 | 1 | 13 | 31 |
| 97 | 0 | 0 | 14 | 32 |
| 98 | 105 | 1 | 15 | 33 |
| 106 | 0 | 0 | 16 | 34 |
| 107 | 110 | 1 | 14 | 32 |
| 111 | 114 | 1 | 13 | 31 |
| 115 | 0 | 0 | 14 | 32 |
| 116 | 123 | 1 | 15 | 33 |
| 124 | 0 | 0 | 16 | 34 |
| 125 | 128 | 1 | 14 | 32 |
| 129 | 132 | 1 | 13 | 31 |
| 133 | 0 | 0 | 14 | 32 |
| 134 | 141 | 1 | 15 | 33 |
| 142 | 0 | 0 | 16 | 34 |
| 143 | 146 | 1 | 14 | 32 |
| 147 | 150 | 1 | 13 | 31 |
| 151 | 0 | 0 | 14 | 32 |
| 152 | 159 | 1 | 15 | 33 |
| 160 | 0 | 0 | 16 | 34 |
| 161 | 164 | 1 | 14 | 32 |
| 165 | 168 | 1 | 13 | 31 |
| 169 | 0 | 0 | 14 | 32 |
| 170 | 177 | 1 | 15 | 33 |
| 178 | 0 | 0 | 16 | 34 |
| 179 | 182 | 1 | 14 | 32 |
| 183 | 186 | 1 | 13 | 31 |
| 187 | 0 | 0 | 14 | 32 |
| 188 | 195 | 1 | 15 | 33 |
| 196 | 0 | 0 | 16 | 34 |
| 197 | 200 | 1 | 14 | 32 |
| 201 | 204 | 1 | 13 | 31 |
| 205 | 0 | 0 | 14 | 32 |
| 206 | 213 | 1 | 15 | 33 |
| 214 | 0 | 0 | 16 | 34 |
| 215 | 218 | 1 | 14 | 32 |
| 219 | 222 | 1 | 13 | 31 |
| 223 | 0 | 0 | 14 | 32 |
| 224 | 231 | 1 | 15 | 33 |
| 232 | 0 | 0 | 16 | 34 |
| 233 | 236 | 1 | 14 | 32 |
| 237 | 240 | 1 | 13 | 31 |
| 241 | 0 | 0 | 14 | 32 |
| 242 | 249 | 1 | 15 | 33 |
| 250 | 0 | 0 | 16 | 34 |
| 251 | 254 | 1 | 14 | 32 |
| 255 | 258 | 1 | 13 | 31 |
| 259 | 0 | 0 | 14 | 32 |
| 260 | 267 | 1 | 15 | 33 |
| 268 | 0 | 0 | 16 | 34 |
| 269 | 270 | 1 | 14 | 32 |
| 271 | 274 | 1 | 17 | 35 |
| 275 | 0 | 0 | 14 | 32 |
| 276 | 283 | 1 | 19 | 37 |

| | | | | |
|------|------|---|----|----|
| 284 | 0 | 0 | 18 | 36 |
| 285 | 333 | 1 | 14 | 32 |
| 334 | 338 | 1 | 11 | 27 |
| 339 | 479 | 1 | 12 | 28 |
| 480 | 493 | 1 | 11 | 27 |
| 494 | 0 | 0 | 9 | 17 |
| 495 | 496 | 1 | 8 | 16 |
| 497 | 521 | 1 | 7 | 15 |
| 522 | 629 | 1 | 8 | 16 |
| 630 | 638 | 1 | 7 | 15 |
| 639 | 645 | 1 | 8 | 16 |
| 646 | 647 | 1 | 9 | 17 |
| 648 | 652 | 1 | 8 | 16 |
| 653 | 0 | 0 | 9 | 17 |
| 654 | 655 | 1 | 8 | 16 |
| 656 | 673 | 1 | 7 | 15 |
| 674 | 781 | 1 | 8 | 16 |
| 782 | 790 | 1 | 7 | 15 |
| 791 | 797 | 1 | 8 | 16 |
| 798 | 799 | 1 | 9 | 17 |
| 800 | 804 | 1 | 8 | 16 |
| 805 | 808 | 1 | 10 | 18 |
| 809 | 0 | 0 | 9 | 17 |
| 810 | 811 | 1 | 8 | 16 |
| 812 | 829 | 1 | 7 | 15 |
| 830 | 937 | 1 | 8 | 16 |
| 938 | 946 | 1 | 7 | 15 |
| 947 | 953 | 1 | 8 | 16 |
| 954 | 955 | 1 | 9 | 17 |
| 956 | 960 | 1 | 8 | 16 |
| 961 | 964 | 1 | 10 | 18 |
| 965 | 967 | 1 | 7 | 15 |
| 968 | 0 | 0 | 9 | 17 |
| 969 | 972 | 1 | 7 | 15 |
| 973 | 0 | 0 | 9 | 17 |
| 974 | 980 | 1 | 7 | 15 |
| 981 | 0 | 0 | 9 | 17 |
| 982 | 983 | 1 | 21 | 1 |
| 984 | 986 | 1 | 25 | 11 |
| 987 | 989 | 1 | 26 | 13 |
| 990 | 993 | 1 | 24 | 10 |
| 994 | 996 | 1 | 23 | 7 |
| 997 | 1000 | 1 | 22 | 3 |
| 1001 | 1003 | 1 | 23 | 7 |
| 1004 | 1007 | 1 | 24 | 10 |
| 1008 | 1010 | 1 | 23 | 7 |
| 1011 | 1014 | 1 | 22 | 3 |
| 1015 | 1017 | 1 | 23 | 7 |
| 1018 | 1021 | 1 | 24 | 10 |
| 1022 | 1024 | 1 | 23 | 7 |
| 1025 | 1028 | 1 | 22 | 3 |
| 1029 | 1031 | 1 | 23 | 7 |
| 1032 | 1035 | 1 | 24 | 10 |
| 1036 | 1038 | 1 | 23 | 7 |
| 1039 | 1042 | 1 | 22 | 3 |
| 1043 | 1045 | 1 | 23 | 7 |
| 1046 | 1049 | 1 | 24 | 10 |
| 1050 | 1052 | 1 | 23 | 7 |
| 1053 | 1056 | 1 | 22 | 3 |
| 1057 | 1059 | 1 | 23 | 7 |
| 1060 | 1063 | 1 | 24 | 10 |
| 1064 | 1066 | 1 | 23 | 7 |
| 1067 | 1070 | 1 | 22 | 3 |
| 1071 | 1073 | 1 | 23 | 7 |
| 1074 | 1077 | 1 | 24 | 10 |
| 1078 | 1080 | 1 | 23 | 7 |
| 1081 | 1084 | 1 | 22 | 3 |
| 1085 | 1087 | 1 | 23 | 7 |
| 1088 | 1091 | 1 | 24 | 10 |
| 1092 | 1094 | 1 | 26 | 13 |
| 1095 | 1097 | 1 | 25 | 11 |
| 1098 | 1101 | 1 | 21 | 1 |
| 1102 | 1104 | 1 | 25 | 11 |
| 1105 | 1107 | 1 | 26 | 13 |
| 1108 | 1111 | 1 | 24 | 10 |
| 1112 | 1114 | 1 | 23 | 7 |
| 1115 | 1118 | 1 | 22 | 3 |
| 1119 | 1121 | 1 | 23 | 7 |
| 1122 | 1125 | 1 | 24 | 10 |
| 1126 | 1128 | 1 | 23 | 7 |
| 1129 | 1132 | 1 | 22 | 3 |
| 1133 | 1135 | 1 | 23 | 7 |
| 1136 | 1139 | 1 | 24 | 10 |
| 1140 | 1142 | 1 | 23 | 7 |
| 1143 | 1146 | 1 | 22 | 3 |
| 1147 | 1149 | 1 | 23 | 7 |
| 1150 | 1153 | 1 | 24 | 10 |
| 1154 | 1156 | 1 | 23 | 7 |
| 1157 | 1160 | 1 | 22 | 3 |
| 1161 | 1163 | 1 | 23 | 7 |
| 1164 | 1167 | 1 | 24 | 10 |
| 1168 | 1170 | 1 | 23 | 7 |
| 1171 | 1174 | 1 | 22 | 3 |
| 1175 | 1177 | 1 | 23 | 7 |
| 1178 | 1181 | 1 | 24 | 10 |
| 1182 | 1184 | 1 | 23 | 7 |
| 1185 | 1188 | 1 | 22 | 3 |
| 1189 | 1191 | 1 | 23 | 7 |
| 1192 | 1195 | 1 | 24 | 10 |
| 1196 | 1198 | 1 | 23 | 7 |
| 1199 | 1201 | 1 | 25 | 11 |
| 1202 | 1209 | 1 | 21 | 1 |
| 1210 | 1212 | 1 | 25 | 11 |
| 1213 | 1215 | 1 | 26 | 13 |
| 1216 | 1219 | 1 | 24 | 10 |

| | | | | |
|------|------|---|----|----|
| 1220 | 1222 | 1 | 23 | 7 |
| 1223 | 1226 | 1 | 22 | 3 |
| 1227 | 1229 | 1 | 23 | 7 |
| 1230 | 1233 | 1 | 24 | 10 |
| 1234 | 1236 | 1 | 23 | 7 |
| 1237 | 1240 | 1 | 22 | 3 |
| 1241 | 1243 | 1 | 23 | 7 |
| 1244 | 1247 | 1 | 24 | 10 |
| 1248 | 1250 | 1 | 23 | 7 |
| 1251 | 1254 | 1 | 22 | 3 |
| 1255 | 1257 | 1 | 23 | 7 |
| 1258 | 1261 | 1 | 24 | 10 |
| 1262 | 1264 | 1 | 23 | 7 |
| 1265 | 1268 | 1 | 22 | 3 |
| 1269 | 1271 | 1 | 23 | 7 |
| 1272 | 1275 | 1 | 24 | 10 |
| 1276 | 1278 | 1 | 23 | 7 |
| 1279 | 1282 | 1 | 22 | 3 |
| 1283 | 1285 | 1 | 23 | 7 |
| 1286 | 1289 | 1 | 24 | 10 |
| 1290 | 1292 | 1 | 23 | 7 |
| 1293 | 1296 | 1 | 22 | 3 |
| 1297 | 1299 | 1 | 23 | 7 |
| 1300 | 1303 | 1 | 24 | 10 |
| 1304 | 1306 | 1 | 23 | 7 |
| 1307 | 1310 | 1 | 22 | 3 |
| 1311 | 1313 | 1 | 23 | 7 |
| 1314 | 1317 | 1 | 24 | 10 |
| 1318 | 1320 | 1 | 26 | 13 |
| 1321 | 1323 | 1 | 25 | 11 |
| 1324 | 1327 | 1 | 21 | 1 |
| 1328 | 1330 | 1 | 25 | 11 |
| 1331 | 1333 | 1 | 26 | 13 |
| 1334 | 1337 | 1 | 24 | 10 |
| 1338 | 1340 | 1 | 23 | 7 |
| 1341 | 1344 | 1 | 22 | 3 |
| 1345 | 1347 | 1 | 23 | 7 |
| 1348 | 1351 | 1 | 24 | 10 |
| 1352 | 1354 | 1 | 23 | 7 |
| 1355 | 1358 | 1 | 22 | 3 |
| 1359 | 1361 | 1 | 23 | 7 |
| 1362 | 1365 | 1 | 24 | 10 |
| 1366 | 1368 | 1 | 23 | 7 |
| 1369 | 1372 | 1 | 22 | 3 |
| 1373 | 1375 | 1 | 23 | 7 |
| 1376 | 1379 | 1 | 24 | 10 |
| 1380 | 1382 | 1 | 23 | 7 |
| 1383 | 1386 | 1 | 22 | 3 |
| 1387 | 1389 | 1 | 23 | 7 |
| 1390 | 1393 | 1 | 24 | 10 |
| 1394 | 1396 | 1 | 23 | 7 |
| 1397 | 1400 | 1 | 22 | 3 |
| 1401 | 1403 | 1 | 23 | 7 |
| 1404 | 1407 | 1 | 24 | 10 |
| 1408 | 1410 | 1 | 23 | 7 |
| 1411 | 1414 | 1 | 22 | 3 |
| 1415 | 1417 | 1 | 23 | 7 |
| 1418 | 1421 | 1 | 24 | 10 |
| 1422 | 1424 | 1 | 23 | 7 |
| 1425 | 1427 | 1 | 25 | 11 |
| 1428 | 1433 | 1 | 21 | 1 |
| 1434 | 1441 | 1 | 10 | 18 |
| 1442 | 0 | 0 | 14 | 32 |
| 1443 | 1507 | 1 | 20 | 4 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 248
 TOTAL NUMBER OF ELEMENTS = 1507
 LARGEST ELEMENT NUMBER = 1507
 LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 26
 DATA STORAGE LOCATIONS USED = 4521

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

MATERIAL

giunti
 7 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

Incastro
 8 KX = 0.1000E+13 KY = 0.1000E+13 KZ = 0.1000E+13 KTX = 0.1000E+13 KTY = 0.1000E+13 KTZ =
 0.1000E+13

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

MATERIAL

HDRB2
9 KX = 0.3530E+07 KY = 0.3530E+07 KZ = 0.2331E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB1_F1
12 KX = 1.000 KY = 1.000 KZ = 0.1220E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB2_F1
13 KX = 1.000 KY = 1.000 KZ = 0.2331E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB1
10 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

UL
11 KX = 1.000 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

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

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

MATERIAL

rigido (elastic)
3 E = 0.1000E+13 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL =
0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3 (elastic) - compound BDM_Phase3
1 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL =
0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3 (elastic) - compound BDM_Phase1

14 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

rigid_cls_pulvini (elastic)
 4 E = 0.2100E+15 NU = 0.3000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_sottostrutture (elastic)
 5 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_el_sol (elastic)
 6 E = 0.3335E+11 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 564

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

| SHRINKAGE SET | FIRST KO ELEMENT SET | LAST SMEARED ELEMENT SET | DIFF-REINFORCEMENT ERENCE | MATERIAL SET | NSET | STRESS PLASTIC | POTENTIAL DATA SET | CREEP SET | DAMAGE SET | LusasM ID NO. | VISCOELASTIC SET | TWO PHASE MATERIAL SET |
|---------------|----------------------|--------------------------|---------------------------|--------------|------|----------------|--------------------|-----------|------------|---------------|------------------|------------------------|
| 0 | 0 | 1 | 4 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 5 | 8 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 10 | 17 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 18 | 19 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 20 | 23 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 24 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 25 | 32 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 33 | 34 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 35 | 36 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 37 | 38 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 39 | 42 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 43 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 44 | 52 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 53 | 56 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 57 | 60 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 61 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 62 | 70 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 71 | 74 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 75 | 78 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 79 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 80 | 88 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 89 | 92 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |

| | | | | | | | | | | | | | |
|---|---|------|---|------|---|----|---|---|---|---|----|---|---|
| 0 | 0 | 1463 | 0 | 1478 | 1 | 13 | 0 | 0 | 0 | 0 | 14 | 0 | 0 |
| 0 | 0 | 1479 | 0 | 1480 | 1 | 12 | 0 | 0 | 0 | 0 | 11 | 0 | 0 |
| 0 | 0 | 1481 | 0 | 1483 | 1 | 7 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 0 | 0 | 1484 | 0 | 1501 | 1 | 8 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| 0 | 0 | 1502 | 0 | 1507 | 1 | 11 | 0 | 0 | 0 | 0 | 29 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 80

DEACTIVATE ELEMENTS

| FIRST ELEMENT IN SERIES | LAST ELEMENT IN SERIES | INCREMENT BETWEEN ELEMENTS | NUMBER OF INCREMENTS FOR REDISTRIBUTION | REDISTRIBUTION FACTOR | STIFFNESS REDUCTION FACTOR |
|-------------------------|------------------------|----------------------------|---|-----------------------|----------------------------|
| 494 | 981 | 1 | 1 | 1.000 | 0.1000E-05 |
| 1434 | 1441 | 1 | 1 | 1.000 | 0.1000E-05 |
| 1481 | 1483 | 1 | 1 | 1.000 | 0.1000E-05 |

FREEDOM TEMPLATE

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

CONSTRAINT EQUATIONS

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | THX | 1.00000 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | THY | 1.00000 |
| 2611 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | THZ | 1.00000 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | THX | 1.00000 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | THY | 1.00000 |
| 2611 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | THZ | 1.00000 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | V | 1.00000 |
| 2611 | 0 | 0 | V | -1.00000 |
| 2611 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | W | 0.285714 |
| 2611 | 0 | 0 | W | -0.285714 |
| 2611 | 0 | 0 | THX | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | V | 1.00000 |
| 2611 | 0 | 0 | V | -1.00000 |
| 2611 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | W | 0.285714 |
| 2611 | 0 | 0 | W | -0.285714 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THZ | 1.00000 |

2612 0 0 THZ -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 24
MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
LARGEST NODE NUMBER ENCOUNTERED = 2612
DATA STORAGE LOCATIONS USED = 227

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

F = FREE
R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
S = SPRING
P1 = VISCOUS TRANSMITTING (PRESSURE WAVE): EXPLICIT DEFINITION
P2 = VISCOUS TRANSMITTING (PRESSURE WAVE): AUTOMATIC CALCULATION
Z1 = VISCOUS TRANSMITTING (SHEAR WAVE): EXPLICIT DEFINITION
Z2 = VISCOUS TRANSMITTING (SHEAR WAVE): AUTOMATIC CALCULATION

| FIRST SUPPORT NODE | LAST SUPPORT NODE | DIFF RNCE | SUPPORT CONDITION | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT |
|--------------------|-------------------|-----------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | | | | OR | OR | OR | OR | OR | OR |
| | | | | VISCOUS SUPPT | VISCOUS SUPPT | VISCOUS SUPPT | VISCOUS SUPPT | VISCOUS SUPPT | VISCOUS SUPPT |
| | | | | CONSTANT | CONSTANT | CONSTANT | CONSTANT | CONSTANT | CONSTANT |
| | | | | OR | OR | OR | OR | OR | OR |
| | | | | PRESCRIBED | PRESCRIBED | PRESCRIBED | PRESCRIBED | PRESCRIBED | PRESCRIBED |
| | | | | VALUE | VALUE | VALUE | VALUE | VALUE | VALUE |
| | | | | FREEDOM | U FREEDOM | V FREEDOM | W FREEDOM | THX FREEDOM | THY FREEDOM |

| | | | | | | | | | |
|---------------------------------|---|---|----|------------|------------|------------|------------|------------|------------|
| 0.0000E+00 983 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 4.003 | 0.0000E+00 | 0.0000E+00 | -8923. | 3346. | 0.0000E+00 |
| 0.0000E+00 984 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 0.5514E-01 | 0.0000E+00 | 0.0000E+00 | -5268. | 1975. | 0.0000E+00 |
| 0.0000E+00 984 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 1.061 | 0.0000E+00 | 0.0000E+00 | -5483. | 2056. | 0.0000E+00 |
| 0.0000E+00 984 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 2.067 | 0.0000E+00 | 0.0000E+00 | -5698. | 2137. | 0.0000E+00 |
| 0.0000E+00 984 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 3.073 | 0.0000E+00 | 0.0000E+00 | -5913. | 2217. | 0.0000E+00 |
| 0.0000E+00 985 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 0.8160 | 0.0000E+00 | 0.0000E+00 | -7203. | 2701. | 0.0000E+00 |
| 0.0000E+00 986 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 0.6475 | 0.0000E+00 | 0.0000E+00 | -6128. | 2298. | 0.0000E+00 |
| 0.0000E+00 986 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 1.654 | 0.0000E+00 | 0.0000E+00 | -6343. | 2379. | 0.0000E+00 |
| 0.0000E+00 986 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 2.660 | 0.0000E+00 | 0.0000E+00 | -6558. | 2459. | 0.0000E+00 |
| 0.0000E+00 986 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 3.666 | 0.0000E+00 | 0.0000E+00 | -6773. | 2540. | 0.0000E+00 |
| 0.0000E+00 986 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 4.672 | 0.0000E+00 | 0.0000E+00 | -6988. | 2620. | 0.0000E+00 |
| 0.0000E+00 987 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 0.3674E-02 | 0.0000E+00 | 0.0000E+00 | -3118. | 1169. | 0.0000E+00 |
| 0.0000E+00 987 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 1.010 | 0.0000E+00 | 0.0000E+00 | -3333. | 1250. | 0.0000E+00 |
| 0.0000E+00 987 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 2.016 | 0.0000E+00 | 0.0000E+00 | -3548. | 1330. | 0.0000E+00 |
| 0.0000E+00 987 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 3.022 | 0.0000E+00 | 0.0000E+00 | -3763. | 1411. | 0.0000E+00 |
| 0.0000E+00 988 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 0.4790 | 0.0000E+00 | 0.0000E+00 | -5053. | 1895. | 0.0000E+00 |
| 0.0000E+00 989 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 0.3104 | 0.0000E+00 | 0.0000E+00 | -3978. | 1492. | 0.0000E+00 |
| 0.0000E+00 989 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 1.316 | 0.0000E+00 | 0.0000E+00 | -4193. | 1572. | 0.0000E+00 |
| 0.0000E+00 989 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 2.323 | 0.0000E+00 | 0.0000E+00 | -4408. | 1653. | 0.0000E+00 |
| 0.0000E+00 989 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 3.329 | 0.0000E+00 | 0.0000E+00 | -4623. | 1734. | 0.0000E+00 |
| 0.0000E+00 989 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 4.335 | 0.0000E+00 | 0.0000E+00 | -4838. | 1814. | 0.0000E+00 |
| 0.0000E+00 990 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 0.9794 | 0.0000E+00 | 0.0000E+00 | -2043. | 766.0 | 0.0000E+00 |
| 0.0000E+00 990 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 1.985 | 0.0000E+00 | 0.0000E+00 | -2258. | 846.6 | 0.0000E+00 |
| 0.0000E+00 990 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 2.992 | 0.0000E+00 | 0.0000E+00 | -2473. | 927.2 | 0.0000E+00 |
| 0.0000E+00 990 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 3.998 | 0.0000E+00 | 0.0000E+00 | -2688. | 1008. | 0.0000E+00 |
| 0.0000E+00 991 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| | 0 | 0 | 12 | 0.1419 | 0.0000E+00 | 0.0000E+00 | -2903. | 1089. | 0.0000E+00 |

| | | | | | | | | | |
|------------|---|---|----|------------|------------|------------|------------|------------|------------|
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1433 | 0 | 0 | 12 | 0.1470 | 0.0000E+00 | 0.0000E+00 | -9138. | 3427. | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 0.0000E+00 | | | | | | | | | |

NUMBER OF LOADED NODES OR ELEMENTS = 86
LARGEST NODE OR ELEMENT NUMBER = 1433

L O A D C A S E 9

G1_sottostruttura

| CONCENTRATED LOAD | | | | | | | | | |
|-------------------|-----------|-----------|-------------|-------------|--------------|-------------|-------------|-------------|--|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ | |
| 11 | 42 | 31 | 0.00000E+00 | 0.00000E+00 | -0.56245E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | |
| 81 | 525 | 37 | 0.00000E+00 | 0.00000E+00 | -0.56245E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | |
| 557 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.87745E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | |

NUMBER OF LOADED NODES OR ELEMENTS = 16
LARGEST NODE OR ELEMENT NUMBER = 557

CBF LOAD INPUT

NUMBER OF VALUES = 9 START LOCATION = 1

| FIRST ELEMENT | LAST ELEMENT | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---------------|--------------|------|--------------|--------------|----------|--------------|--------------|--------------|
| 5 | 8 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 10 | 17 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 20 | 23 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 25 | 32 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 35 | 36 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 39 | 42 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 44 | 52 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 57 | 60 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 62 | 70 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 75 | 78 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 80 | 88 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 93 | 96 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 98 | 106 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 111 | 114 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 116 | 124 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 129 | 132 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 134 | 142 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 147 | 150 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 152 | 160 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 165 | 168 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 170 | 178 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 183 | 186 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 188 | 196 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 201 | 204 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 206 | 214 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 219 | 222 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 224 | 232 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 237 | 240 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 242 | 250 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

| | | | | | | | | |
|-----|-----|---|--------------|--------------|----------|--------------|--------------|--------------|
| 255 | 258 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 260 | 268 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 271 | 274 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 276 | 284 | 1 | 0.000000E+00 | 0.000000E+00 | -10.0000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 208
LARGEST NODE OR ELEMENT NUMBER = 284

L O A D C A S E 10

G1_reinterro_fondazioni

| CONCENTRATED LOAD | | | | | | | | | |
|-------------------|-----------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--|
| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ | |
| 20 | 51 | 31 | 0.000000E+00 | 0.000000E+00 | -0.83060E+06 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | |
| 90 | 534 | 37 | 0.000000E+00 | 0.000000E+00 | -0.83060E+06 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | |
| 567 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | -0.13418E+07 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | |

NUMBER OF LOADED NODES OR ELEMENTS = 16
LARGEST NODE OR ELEMENT NUMBER = 567

DATA STORAGE LOCATIONS USED = 6994

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

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT | LAST ELT | DIFF RNCE | OUTPUT CONTROL | AVERAGED NODAL VALUES GROUP | NODAL FORCE OUTPUT GROUP | HISTORY CONTROL | PLOT FILE CONTROL |
|-----------|----------|-----------|----------------|-----------------------------|--------------------------|-----------------|-------------------|
| 1 | 1507 | 1 | 0 | 0 | 0 | 0 | 0 |

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1507
LARGEST ELEMENT NUMBER INPUT = 1507
LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFF RNCE | OUTPUT CONTROL | HISTORY CONTROL |
|------------|-----------|-----------|----------------|-----------------|
| 1 | 2742 | 1 | 0 | 0 |

TOTAL NUMBER OF NODE OUTPUT SETS = 1
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 2742
LARGEST NODE OUTPUT CONTROL NUMBER = 0
LARGEST NODE HISTORY CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 0

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

TOTAL NUMBER OF ELEMENTS = 1507
TOTAL NUMBER OF CONSTRAINTS = 24
TOTAL NUMBER OF NODES = 2742
TOTAL NUMBER OF SUPPORT NODES = 20
TOTAL NUMBER OF LOADING CASES = 4

LOCATIONS USED DURING DATA PROCESSING = 157330867
LOCATIONS AVAILABLE = 196608000

TIME USED TO PROCESS INPUT DATA = 0.28200 SEC.
TIME AT CENTRAL PROCESSOR = 8:36:35 ON 22/06/23 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1507

INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 0

WARNING THE FAST PARALLEL SOLVER WILL BE USED AS DEFAULT IF CONSTRAINT EQUATIONS ARE PRESENT - EXPLICITLY SPECIFYING THE SOLVER TYPE WILL OVERRIDE (SOLVTYPE PROCESSOR)

WARNING NODES 2585 AND 2567 FOR ELEMENT NUMBER 1481 ARE NOT COINCIDENT THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)
WARNING NODES 2570 AND 2573 FOR ELEMENT NUMBER 1482 ARE NOT COINCIDENT THE DISTANCE BETWEEN THEM IS 0.1000 (BMTJNT PROCESSOR)
WARNING NODES 2586 AND 2576 FOR ELEMENT NUMBER 1483 ARE NOT COINCIDENT THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

ESTIMATE OF MODEL GEOMETRIC PROPERTIES AND LOADING

Table with 8 columns: MATERIAL SET, LENGTH M, AREA sq M, VOLUME cu M, ELEMENT MASS KG, X-COORD M, Y-COORD M, Z-COORD M. Rows include material sets 3, 4, 5, 2, 6, 14, 12, 13, 7, 8, 11 and a TOTALS FOR STRUCTURE row.

Table with 7 columns: MATERIAL SET, Ixx KG M **2, Iyy KG M **2, Izz KG M **2, Ixy KG M **2, Iyz KG M **2, Ixz KG M **2. Rows include material sets 3, 4, 5, 2, 6, 14, 12, 13, 7, 8, 11 and a TOTALS FOR STRUCTURE row.

Table with 7 columns: MATERIAL SET, Ixx KG M **2, Iyy KG M **2, Izz KG M **2, Ixy KG M **2, Iyz KG M **2, Ixz KG M **2. Rows include material sets 3, 4, 5, 2, 6, 14, 12, 13, 7, 8, 11 and a TOTALS FOR STRUCTURE row.

Table with 7 columns: MATERIAL SET, I11 KG M **2, I22 KG M **2, I33 KG M **2, and three columns for PRINCIPAL DIRECTIONS. Rows include material sets 3, 4, 5, 2, 6, 14, 12, 13, 7, 8, 11 and a TOTALS FOR STRUCTURE row.

Table with 7 columns: FORCE OUTPUT GROUP, Fx N, Fy N, Fz N, Mx N.M, My N.M, Mz N.M. Rows include LOAD CASE 2 and LOAD CASE 8, each with a TOTALS FOR STRUCTURE row.

LOAD CASE 9
 TOTALS FOR
 STRUCTURE 0.000000E+00 0.000000E+00 -0.802118E+08 -0.451192E+09 0.194782E+10 0.000000E+00

LOAD CASE 10
 TOTALS FOR
 STRUCTURE 0.000000E+00 0.000000E+00 -0.138008E+08 -0.776295E+08 0.304446E+09 0.000000E+00

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2155

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.30000E-02 SEC.
 TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 72010

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 5028565
 LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7020
 TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7020
 TOTAL NO. OF EQUATIONS = 7044
 TOTAL NO. OF ACTIVE NODES = 1170

NUMBER OF ELEMENT GROUPS = 2
 MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1442

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 566739
 MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 1576258
 MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
 MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 592418
 TOTAL SIZE OF ELEMENT DATA RECORDS = 594152
 TOTAL SIZE OF ELEMENT RESULT RECORDS = 1600663
 TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
 TOTAL SIZE OF GLOBAL SOLUTION RECORD = 40912
 TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 143173

TIME FOR PRE-SOLUTION PROCESS = 0.19000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 8:36:35 ON 22/06/23 (DAY/MTH/YR)

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

=====

= Parallel multifrontal solver statistics =

=====

Solving symmetric indefinite matrix
 Minimum degree equation re-ordering algorithm used
 Number of nonzeros in L and U = 106311
 Number of iterative refinement steps = 4
 Number of positive eigenvalues = 6900
 Number of negative eigenvalues = 24
 Peak memory used during analysis and symbolic factorisation (MB) = 4.45
 Total peak memory used during solve (MB) = 6.21
 In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.38488E-26
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.22227E-26
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.13426E-22
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.11131E-22

TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 5111608
 LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1347
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.28700 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.58900 SEC.

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

TIME AT CENTRAL PROCESSOR = 8:36:35 ON 22/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

| Disk Unit Name | Disk Page Size (Bytes) | Calls to I/O Routines | Buffered Transfers | Disk Accesses | Page Table Swaps | Peak File Size (Mbytes) |
|----------------|------------------------|-----------------------|--------------------|---------------|------------------|-------------------------|
| PROBLEM | 16384 | 184 | 1773 | 397 | 0 | 4.296875 |
| FRONTAL | 16384 | 0 | 0 | 0 | 0 | 0.156250E-01 |
| SHAPES | 16384 | 6 | 811 | 547 | 0 | 8.531250 |
| PLOT | 16384 | 6057 | 6921 | 767 | 0 | 13.64062 |
| RESTART | 0 | 0 | 0 | 0 | 0 | 0.000000E+00 |

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 8:36:38 ON 22/06/23 (DAY/MTH/YR)

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

VBNMAME VALUE
NLPZ 196608000
NPGS 960

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

Build Information : MODELLER04 - Dec 23 2022 12:33:43

Kit Version : 20.0-2
Solver Version : 20.0.1617.7496 (32-bit)

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

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

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

KeyID 15062 licensed on PC processor. Expires 1-07-2024
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\LUSAS200\Programs (x86)\Lusas_S.exe
Input file :
D:\SynologyDrive\01_lavoro\48_037_09_23_632_418_Due_Viadotti_Trevalli_Esec_Sintagma_LF\03_calcoli\VI02_molino_vecchio\LUSASFiles
32\Molino_Vecchio_Sottostrutture_15_g\Molino_Vecchio_Sottostrutture_15_g~02_Fase2a.dat

Number of processors available : 20
Maximum number of threads available : 20

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 8:36:38 ON 22/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|----------------|----------------------|------|------|------|
| | JSH4 | | | |
| | ELEMENTS | | | |
| 1443 | 2581 | 2605 | 2613 | 2614 |
| 1444 | 2582 | 2606 | 2615 | 2616 |
| 1445 | 1 | 613 | 2617 | 2618 |
| 1446 | 4 | 670 | 2619 | 2620 |
| 1447 | 67 | 616 | 2621 | 2622 |
| 1448 | 69 | 673 | 2623 | 2624 |
| 1449 | 110 | 619 | 2625 | 2626 |
| 1450 | 108 | 676 | 2627 | 2628 |
| 1451 | 147 | 622 | 2629 | 2630 |
| 1452 | 145 | 679 | 2631 | 2632 |
| 1453 | 184 | 625 | 2633 | 2634 |
| 1454 | 182 | 682 | 2635 | 2636 |
| 1455 | 221 | 628 | 2637 | 2638 |
| 1456 | 219 | 685 | 2639 | 2640 |
| 1457 | 258 | 631 | 2641 | 2642 |
| 1458 | 256 | 688 | 2643 | 2644 |
| 1459 | 597 | 634 | 2645 | 2646 |
| 1460 | 605 | 691 | 2647 | 2648 |
| 1461 | 593 | 2607 | 2649 | 2650 |
| 1462 | 601 | 2608 | 2651 | 2652 |
| 1463 | 295 | 640 | 2653 | 2654 |
| 1464 | 293 | 697 | 2655 | 2656 |
| 1465 | 332 | 643 | 2657 | 2658 |
| 1466 | 330 | 700 | 2659 | 2660 |
| 1467 | 369 | 646 | 2661 | 2662 |
| 1468 | 367 | 703 | 2663 | 2664 |
| 1469 | 406 | 649 | 2665 | 2666 |
| 1470 | 404 | 706 | 2667 | 2668 |
| 1471 | 443 | 652 | 2669 | 2670 |
| 1472 | 441 | 709 | 2671 | 2672 |
| 1473 | 480 | 655 | 2673 | 2674 |
| 1474 | 478 | 712 | 2675 | 2676 |
| 1475 | 517 | 658 | 2677 | 2678 |
| 1476 | 515 | 715 | 2679 | 2680 |
| 1477 | 554 | 661 | 2681 | 2682 |
| 1478 | 552 | 718 | 2683 | 2684 |
| 1479 | 2583 | 2609 | 2685 | 2686 |
| 1480 | 2584 | 2610 | 2687 | 2688 |
| 1481 | 2585 | 2567 | 2689 | 2690 |
| 1482 | 2570 | 2573 | 2691 | 2692 |
| 1483 | 2586 | 2576 | 2693 | 2694 |
| 1484 | 2587 | 2611 | 2695 | 2696 |
| 1485 | 2588 | 71 | 2697 | 2698 |
| 1486 | 2589 | 73 | 2699 | 2700 |
| 1487 | 2590 | 106 | 2701 | 2702 |
| 1488 | 2591 | 143 | 2703 | 2704 |
| 1489 | 2592 | 180 | 2705 | 2706 |
| 1490 | 2593 | 217 | 2707 | 2708 |
| 1491 | 2594 | 254 | 2709 | 2710 |
| 1492 | 2595 | 583 | 2711 | 2712 |
| 1493 | 2596 | 291 | 2713 | 2714 |
| 1494 | 2597 | 328 | 2715 | 2716 |
| 1495 | 2598 | 365 | 2717 | 2718 |
| 1496 | 2599 | 402 | 2719 | 2720 |
| 1497 | 2600 | 439 | 2721 | 2722 |
| 1498 | 2601 | 476 | 2723 | 2724 |
| 1499 | 2602 | 513 | 2725 | 2726 |
| 1500 | 2603 | 550 | 2727 | 2728 |
| 1501 | 2604 | 2612 | 2729 | 2730 |
| 1502 | 2605 | 610 | 2731 | 2732 |
| 1503 | 2606 | 667 | 2733 | 2734 |
| 1504 | 2607 | 637 | 2735 | 2736 |
| 1505 | 2608 | 694 | 2737 | 2738 |
| 1506 | 2609 | 664 | 2739 | 2740 |
| 1507 | 2610 | 2579 | 2741 | 2742 |

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED) |
|----------------|----------------------|---|
| | BMI21 | |
| | ELEMENTS | |
| 1 | 1 2 3 | |
| 2 | 4 5 6 | |
| 3 | 2 7 8 | |
| 4 | 5 9 10 | |
| 5 | 7 11 12 | |
| 6 | 11 9 13 | |
| 7 | 9 14 15 | |
| 8 | 16 7 17 | |
| 9 | 11 18 19 | |
| 10 | 18 21 28 | |
| 11 | 21 22 29 | |
| 12 | 22 23 30 | |

| | | | |
|-----|-----|-----|-----|
| 13 | 23 | 24 | 31 |
| 14 | 24 | 25 | 32 |
| 15 | 25 | 26 | 33 |
| 16 | 26 | 27 | 34 |
| 17 | 27 | 20 | 35 |
| 18 | 36 | 37 | 38 |
| 19 | 39 | 40 | 41 |
| 20 | 37 | 42 | 43 |
| 21 | 42 | 40 | 44 |
| 22 | 40 | 45 | 46 |
| 23 | 47 | 37 | 48 |
| 24 | 42 | 49 | 50 |
| 25 | 49 | 52 | 59 |
| 26 | 52 | 53 | 60 |
| 27 | 53 | 54 | 61 |
| 28 | 54 | 55 | 62 |
| 29 | 55 | 56 | 63 |
| 30 | 56 | 57 | 64 |
| 31 | 57 | 58 | 65 |
| 32 | 58 | 51 | 66 |
| 33 | 67 | 36 | 68 |
| 34 | 69 | 39 | 70 |
| 35 | 20 | 71 | 72 |
| 36 | 51 | 73 | 74 |
| 37 | 75 | 76 | 77 |
| 38 | 78 | 79 | 80 |
| 39 | 76 | 81 | 82 |
| 40 | 81 | 79 | 83 |
| 41 | 79 | 84 | 85 |
| 42 | 86 | 76 | 87 |
| 43 | 81 | 88 | 89 |
| 44 | 88 | 91 | 98 |
| 45 | 91 | 92 | 99 |
| 46 | 92 | 93 | 100 |
| 47 | 93 | 94 | 101 |
| 48 | 94 | 95 | 102 |
| 49 | 95 | 96 | 103 |
| 50 | 96 | 97 | 104 |
| 51 | 97 | 90 | 105 |
| 52 | 90 | 106 | 107 |
| 53 | 108 | 78 | 109 |
| 54 | 110 | 75 | 111 |
| 55 | 112 | 113 | 114 |
| 56 | 115 | 116 | 117 |
| 57 | 113 | 118 | 119 |
| 58 | 118 | 116 | 120 |
| 59 | 116 | 121 | 122 |
| 60 | 123 | 113 | 124 |
| 61 | 118 | 125 | 126 |
| 62 | 125 | 128 | 135 |
| 63 | 128 | 129 | 136 |
| 64 | 129 | 130 | 137 |
| 65 | 130 | 131 | 138 |
| 66 | 131 | 132 | 139 |
| 67 | 132 | 133 | 140 |
| 68 | 133 | 134 | 141 |
| 69 | 134 | 127 | 142 |
| 70 | 127 | 143 | 144 |
| 71 | 145 | 115 | 146 |
| 72 | 147 | 112 | 148 |
| 73 | 149 | 150 | 151 |
| 74 | 152 | 153 | 154 |
| 75 | 150 | 155 | 156 |
| 76 | 155 | 153 | 157 |
| 77 | 153 | 158 | 159 |
| 78 | 160 | 150 | 161 |
| 79 | 155 | 162 | 163 |
| 80 | 162 | 165 | 172 |
| 81 | 165 | 166 | 173 |
| 82 | 166 | 167 | 174 |
| 83 | 167 | 168 | 175 |
| 84 | 168 | 169 | 176 |
| 85 | 169 | 170 | 177 |
| 86 | 170 | 171 | 178 |
| 87 | 171 | 164 | 179 |
| 88 | 164 | 180 | 181 |
| 89 | 182 | 152 | 183 |
| 90 | 184 | 149 | 185 |
| 91 | 186 | 187 | 188 |
| 92 | 189 | 190 | 191 |
| 93 | 187 | 192 | 193 |
| 94 | 192 | 190 | 194 |
| 95 | 190 | 195 | 196 |
| 96 | 197 | 187 | 198 |
| 97 | 192 | 199 | 200 |
| 98 | 199 | 202 | 209 |
| 99 | 202 | 203 | 210 |
| 100 | 203 | 204 | 211 |
| 101 | 204 | 205 | 212 |
| 102 | 205 | 206 | 213 |
| 103 | 206 | 207 | 214 |
| 104 | 207 | 208 | 215 |
| 105 | 208 | 201 | 216 |
| 106 | 201 | 217 | 218 |
| 107 | 219 | 189 | 220 |
| 108 | 221 | 186 | 222 |
| 109 | 223 | 224 | 225 |
| 110 | 226 | 227 | 228 |
| 111 | 224 | 229 | 230 |
| 112 | 229 | 227 | 231 |
| 113 | 227 | 232 | 233 |
| 114 | 234 | 224 | 235 |
| 115 | 229 | 236 | 237 |
| 116 | 236 | 239 | 246 |
| 117 | 239 | 240 | 247 |

| | | | |
|-----|-----|-----|-----|
| 118 | 240 | 241 | 248 |
| 119 | 241 | 242 | 249 |
| 120 | 242 | 243 | 250 |
| 121 | 243 | 244 | 251 |
| 122 | 244 | 245 | 252 |
| 123 | 245 | 238 | 253 |
| 124 | 238 | 254 | 255 |
| 125 | 256 | 226 | 257 |
| 126 | 258 | 223 | 259 |
| 127 | 260 | 261 | 262 |
| 128 | 263 | 264 | 265 |
| 129 | 261 | 266 | 267 |
| 130 | 266 | 264 | 268 |
| 131 | 264 | 269 | 270 |
| 132 | 271 | 261 | 272 |
| 133 | 266 | 273 | 274 |
| 134 | 273 | 276 | 283 |
| 135 | 276 | 277 | 284 |
| 136 | 277 | 278 | 285 |
| 137 | 278 | 279 | 286 |
| 138 | 279 | 280 | 287 |
| 139 | 280 | 281 | 288 |
| 140 | 281 | 282 | 289 |
| 141 | 282 | 275 | 290 |
| 142 | 275 | 291 | 292 |
| 143 | 293 | 263 | 294 |
| 144 | 295 | 260 | 296 |
| 145 | 297 | 298 | 299 |
| 146 | 300 | 301 | 302 |
| 147 | 298 | 303 | 304 |
| 148 | 303 | 301 | 305 |
| 149 | 301 | 306 | 307 |
| 150 | 308 | 298 | 309 |
| 151 | 303 | 310 | 311 |
| 152 | 310 | 313 | 320 |
| 153 | 313 | 314 | 321 |
| 154 | 314 | 315 | 322 |
| 155 | 315 | 316 | 323 |
| 156 | 316 | 317 | 324 |
| 157 | 317 | 318 | 325 |
| 158 | 318 | 319 | 326 |
| 159 | 319 | 312 | 327 |
| 160 | 312 | 328 | 329 |
| 161 | 330 | 300 | 331 |
| 162 | 332 | 297 | 333 |
| 163 | 334 | 335 | 336 |
| 164 | 337 | 338 | 339 |
| 165 | 335 | 340 | 341 |
| 166 | 340 | 338 | 342 |
| 167 | 338 | 343 | 344 |
| 168 | 345 | 335 | 346 |
| 169 | 340 | 347 | 348 |
| 170 | 347 | 350 | 357 |
| 171 | 350 | 351 | 358 |
| 172 | 351 | 352 | 359 |
| 173 | 352 | 353 | 360 |
| 174 | 353 | 354 | 361 |
| 175 | 354 | 355 | 362 |
| 176 | 355 | 356 | 363 |
| 177 | 356 | 349 | 364 |
| 178 | 349 | 365 | 366 |
| 179 | 367 | 337 | 368 |
| 180 | 369 | 334 | 370 |
| 181 | 371 | 372 | 373 |
| 182 | 374 | 375 | 376 |
| 183 | 372 | 377 | 378 |
| 184 | 377 | 375 | 379 |
| 185 | 375 | 380 | 381 |
| 186 | 382 | 372 | 383 |
| 187 | 377 | 384 | 385 |
| 188 | 384 | 387 | 394 |
| 189 | 387 | 388 | 395 |
| 190 | 388 | 389 | 396 |
| 191 | 389 | 390 | 397 |
| 192 | 390 | 391 | 398 |
| 193 | 391 | 392 | 399 |
| 194 | 392 | 393 | 400 |
| 195 | 393 | 386 | 401 |
| 196 | 386 | 402 | 403 |
| 197 | 404 | 374 | 405 |
| 198 | 406 | 371 | 407 |
| 199 | 408 | 409 | 410 |
| 200 | 411 | 412 | 413 |
| 201 | 409 | 414 | 415 |
| 202 | 414 | 412 | 416 |
| 203 | 412 | 417 | 418 |
| 204 | 419 | 409 | 420 |
| 205 | 414 | 421 | 422 |
| 206 | 421 | 424 | 431 |
| 207 | 424 | 425 | 432 |
| 208 | 425 | 426 | 433 |
| 209 | 426 | 427 | 434 |
| 210 | 427 | 428 | 435 |
| 211 | 428 | 429 | 436 |
| 212 | 429 | 430 | 437 |
| 213 | 430 | 423 | 438 |
| 214 | 423 | 439 | 440 |
| 215 | 441 | 411 | 442 |
| 216 | 443 | 408 | 444 |
| 217 | 445 | 446 | 447 |
| 218 | 448 | 449 | 450 |
| 219 | 446 | 451 | 452 |
| 220 | 451 | 449 | 453 |
| 221 | 449 | 454 | 455 |
| 222 | 456 | 446 | 457 |

| | | | |
|-----|-----|-----|-----|
| 223 | 451 | 458 | 459 |
| 224 | 458 | 461 | 468 |
| 225 | 461 | 462 | 469 |
| 226 | 462 | 463 | 470 |
| 227 | 463 | 464 | 471 |
| 228 | 464 | 465 | 472 |
| 229 | 465 | 466 | 473 |
| 230 | 466 | 467 | 474 |
| 231 | 467 | 460 | 475 |
| 232 | 460 | 476 | 477 |
| 233 | 478 | 448 | 479 |
| 234 | 480 | 445 | 481 |
| 235 | 482 | 483 | 484 |
| 236 | 485 | 486 | 487 |
| 237 | 483 | 488 | 489 |
| 238 | 488 | 486 | 490 |
| 239 | 486 | 491 | 492 |
| 240 | 493 | 483 | 494 |
| 241 | 488 | 495 | 496 |
| 242 | 495 | 498 | 505 |
| 243 | 498 | 499 | 506 |
| 244 | 499 | 500 | 507 |
| 245 | 500 | 501 | 508 |
| 246 | 501 | 502 | 509 |
| 247 | 502 | 503 | 510 |
| 248 | 503 | 504 | 511 |
| 249 | 504 | 497 | 512 |
| 250 | 497 | 513 | 514 |
| 251 | 515 | 485 | 516 |
| 252 | 517 | 482 | 518 |
| 253 | 519 | 520 | 521 |
| 254 | 522 | 523 | 524 |
| 255 | 520 | 525 | 526 |
| 256 | 525 | 523 | 527 |
| 257 | 523 | 528 | 529 |
| 258 | 530 | 520 | 531 |
| 259 | 525 | 532 | 533 |
| 260 | 532 | 535 | 542 |
| 261 | 535 | 536 | 543 |
| 262 | 536 | 537 | 544 |
| 263 | 537 | 538 | 545 |
| 264 | 538 | 539 | 546 |
| 265 | 539 | 540 | 547 |
| 266 | 540 | 541 | 548 |
| 267 | 541 | 534 | 549 |
| 268 | 534 | 550 | 551 |
| 269 | 552 | 522 | 553 |
| 270 | 554 | 519 | 555 |
| 271 | 556 | 557 | 558 |
| 272 | 557 | 559 | 560 |
| 273 | 559 | 561 | 562 |
| 274 | 563 | 556 | 564 |
| 275 | 557 | 565 | 566 |
| 276 | 565 | 568 | 575 |
| 277 | 568 | 569 | 576 |
| 278 | 569 | 570 | 577 |
| 279 | 570 | 571 | 578 |
| 280 | 571 | 572 | 579 |
| 281 | 572 | 573 | 580 |
| 282 | 573 | 574 | 581 |
| 283 | 574 | 567 | 582 |
| 284 | 567 | 583 | 584 |
| 285 | 585 | 559 | 586 |
| 286 | 559 | 587 | 588 |
| 287 | 589 | 556 | 590 |
| 288 | 556 | 591 | 592 |
| 289 | 593 | 594 | 595 |
| 290 | 594 | 591 | 596 |
| 291 | 597 | 598 | 599 |
| 292 | 598 | 589 | 600 |
| 293 | 601 | 602 | 603 |
| 294 | 602 | 587 | 604 |
| 295 | 605 | 606 | 607 |
| 296 | 606 | 585 | 608 |
| 297 | 609 | 610 | 611 |
| 298 | 612 | 613 | 614 |
| 299 | 615 | 616 | 617 |
| 300 | 618 | 619 | 620 |
| 301 | 621 | 622 | 623 |
| 302 | 624 | 625 | 626 |
| 303 | 627 | 628 | 629 |
| 304 | 630 | 631 | 632 |
| 305 | 633 | 634 | 635 |
| 306 | 636 | 637 | 638 |
| 307 | 639 | 640 | 641 |
| 308 | 642 | 643 | 644 |
| 309 | 645 | 646 | 647 |
| 310 | 648 | 649 | 650 |
| 311 | 651 | 652 | 653 |
| 312 | 654 | 655 | 656 |
| 313 | 657 | 658 | 659 |
| 314 | 660 | 661 | 662 |
| 315 | 663 | 664 | 665 |
| 316 | 666 | 667 | 668 |
| 317 | 669 | 670 | 671 |
| 318 | 672 | 673 | 674 |
| 319 | 675 | 676 | 677 |
| 320 | 678 | 679 | 680 |
| 321 | 681 | 682 | 683 |
| 322 | 684 | 685 | 686 |
| 323 | 687 | 688 | 689 |
| 324 | 690 | 691 | 692 |
| 325 | 693 | 694 | 695 |
| 326 | 696 | 697 | 698 |
| 327 | 699 | 700 | 701 |

| | | | |
|-----|------|------|------|
| 328 | 702 | 703 | 704 |
| 329 | 705 | 706 | 707 |
| 330 | 708 | 709 | 710 |
| 331 | 711 | 712 | 713 |
| 332 | 714 | 715 | 716 |
| 333 | 717 | 718 | 719 |
| 334 | 666 | 609 | 720 |
| 335 | 711 | 654 | 721 |
| 336 | 714 | 657 | 722 |
| 337 | 717 | 660 | 723 |
| 338 | 724 | 663 | 725 |
| 339 | 726 | 727 | 728 |
| 340 | 729 | 730 | 731 |
| 341 | 732 | 733 | 734 |
| 342 | 735 | 736 | 737 |
| 343 | 738 | 739 | 740 |
| 344 | 741 | 742 | 743 |
| 345 | 744 | 745 | 746 |
| 346 | 747 | 748 | 749 |
| 347 | 750 | 751 | 752 |
| 348 | 753 | 754 | 755 |
| 349 | 756 | 757 | 758 |
| 350 | 759 | 760 | 761 |
| 351 | 762 | 763 | 764 |
| 352 | 765 | 766 | 767 |
| 353 | 768 | 769 | 770 |
| 354 | 771 | 772 | 773 |
| 355 | 774 | 775 | 776 |
| 356 | 777 | 778 | 779 |
| 357 | 780 | 781 | 782 |
| 358 | 783 | 784 | 785 |
| 359 | 786 | 787 | 788 |
| 360 | 789 | 790 | 791 |
| 361 | 792 | 793 | 794 |
| 362 | 795 | 796 | 797 |
| 363 | 798 | 799 | 800 |
| 364 | 801 | 802 | 803 |
| 365 | 804 | 805 | 806 |
| 366 | 807 | 808 | 809 |
| 367 | 810 | 811 | 812 |
| 368 | 813 | 814 | 815 |
| 369 | 816 | 817 | 818 |
| 370 | 819 | 820 | 821 |
| 371 | 822 | 823 | 824 |
| 372 | 825 | 826 | 827 |
| 373 | 828 | 829 | 830 |
| 374 | 831 | 832 | 833 |
| 375 | 834 | 835 | 836 |
| 376 | 837 | 838 | 839 |
| 377 | 840 | 841 | 842 |
| 378 | 843 | 844 | 845 |
| 379 | 846 | 847 | 848 |
| 380 | 849 | 850 | 851 |
| 381 | 852 | 853 | 854 |
| 382 | 855 | 856 | 857 |
| 383 | 858 | 859 | 860 |
| 384 | 861 | 862 | 863 |
| 385 | 864 | 865 | 866 |
| 386 | 867 | 868 | 869 |
| 387 | 870 | 871 | 872 |
| 388 | 873 | 874 | 875 |
| 389 | 876 | 877 | 878 |
| 390 | 879 | 880 | 881 |
| 391 | 882 | 883 | 884 |
| 392 | 885 | 886 | 887 |
| 393 | 888 | 889 | 890 |
| 394 | 891 | 892 | 893 |
| 395 | 894 | 895 | 896 |
| 396 | 897 | 898 | 899 |
| 397 | 900 | 901 | 902 |
| 398 | 903 | 904 | 905 |
| 399 | 906 | 907 | 908 |
| 400 | 909 | 910 | 911 |
| 401 | 912 | 913 | 914 |
| 402 | 915 | 916 | 917 |
| 403 | 918 | 919 | 920 |
| 404 | 921 | 922 | 923 |
| 405 | 924 | 925 | 926 |
| 406 | 927 | 928 | 929 |
| 407 | 930 | 931 | 932 |
| 408 | 933 | 934 | 935 |
| 409 | 936 | 937 | 938 |
| 410 | 939 | 940 | 941 |
| 411 | 942 | 943 | 944 |
| 412 | 945 | 946 | 947 |
| 413 | 948 | 949 | 950 |
| 414 | 951 | 952 | 953 |
| 415 | 954 | 955 | 956 |
| 416 | 957 | 958 | 959 |
| 417 | 960 | 961 | 962 |
| 418 | 963 | 964 | 965 |
| 419 | 966 | 967 | 968 |
| 420 | 969 | 970 | 971 |
| 421 | 972 | 973 | 974 |
| 422 | 975 | 976 | 977 |
| 423 | 978 | 979 | 980 |
| 424 | 981 | 982 | 983 |
| 425 | 984 | 985 | 986 |
| 426 | 987 | 988 | 989 |
| 427 | 990 | 991 | 992 |
| 428 | 993 | 994 | 995 |
| 429 | 996 | 997 | 998 |
| 430 | 999 | 1000 | 1001 |
| 431 | 1002 | 1003 | 1004 |
| 432 | 1005 | 1006 | 1007 |

| | | | |
|-----|------|------|------|
| 433 | 1008 | 1009 | 1010 |
| 434 | 1011 | 1012 | 1013 |
| 435 | 1014 | 1015 | 1016 |
| 436 | 1017 | 1018 | 1019 |
| 437 | 1020 | 1021 | 1022 |
| 438 | 1023 | 1024 | 1025 |
| 439 | 1026 | 1027 | 1028 |
| 440 | 1029 | 1030 | 1031 |
| 441 | 1032 | 1033 | 1034 |
| 442 | 1035 | 1036 | 1037 |
| 443 | 1038 | 1039 | 1040 |
| 444 | 1041 | 1042 | 1043 |
| 445 | 1044 | 1045 | 1046 |
| 446 | 1047 | 1048 | 1049 |
| 447 | 1050 | 1051 | 1052 |
| 448 | 1053 | 1054 | 1055 |
| 449 | 1056 | 1057 | 1058 |
| 450 | 1059 | 1060 | 1061 |
| 451 | 1062 | 1063 | 1064 |
| 452 | 1065 | 1066 | 1067 |
| 453 | 1068 | 1069 | 1070 |
| 454 | 1071 | 1072 | 1073 |
| 455 | 1074 | 1075 | 1076 |
| 456 | 1077 | 1078 | 1079 |
| 457 | 1080 | 1081 | 1082 |
| 458 | 1083 | 1084 | 1085 |
| 459 | 1086 | 1087 | 1088 |
| 460 | 1089 | 1090 | 1091 |
| 461 | 1092 | 1093 | 1094 |
| 462 | 1095 | 1096 | 1097 |
| 463 | 1098 | 1099 | 1100 |
| 464 | 1101 | 1102 | 1103 |
| 465 | 1104 | 1105 | 1106 |
| 466 | 1107 | 1108 | 1109 |
| 467 | 1110 | 1111 | 1112 |
| 468 | 1113 | 1114 | 1115 |
| 469 | 1116 | 1117 | 1118 |
| 470 | 1119 | 1120 | 1121 |
| 471 | 1122 | 1123 | 1124 |
| 472 | 1125 | 1126 | 1127 |
| 473 | 1128 | 1129 | 1130 |
| 474 | 1131 | 1132 | 1133 |
| 475 | 1134 | 1135 | 1136 |
| 476 | 1137 | 1138 | 1139 |
| 477 | 1140 | 1141 | 1142 |
| 478 | 1143 | 1144 | 1145 |
| 479 | 1146 | 1147 | 1148 |
| 480 | 669 | 612 | 1149 |
| 481 | 672 | 615 | 1150 |
| 482 | 675 | 618 | 1151 |
| 483 | 678 | 621 | 1152 |
| 484 | 681 | 624 | 1153 |
| 485 | 684 | 627 | 1154 |
| 486 | 687 | 630 | 1155 |
| 487 | 690 | 633 | 1156 |
| 488 | 693 | 636 | 1157 |
| 489 | 696 | 639 | 1158 |
| 490 | 699 | 642 | 1159 |
| 491 | 702 | 645 | 1160 |
| 492 | 705 | 648 | 1161 |
| 493 | 708 | 651 | 1162 |
| 494 | 666 | 609 | 1163 |
| 495 | 711 | 654 | 1164 |
| 496 | 714 | 657 | 1165 |
| 497 | 717 | 660 | 1166 |
| 498 | 726 | 727 | 1167 |
| 499 | 729 | 730 | 1168 |
| 500 | 732 | 733 | 1169 |
| 501 | 735 | 736 | 1170 |
| 502 | 738 | 739 | 1171 |
| 503 | 741 | 742 | 1172 |
| 504 | 744 | 745 | 1173 |
| 505 | 747 | 748 | 1174 |
| 506 | 750 | 751 | 1175 |
| 507 | 753 | 754 | 1176 |
| 508 | 756 | 757 | 1177 |
| 509 | 759 | 760 | 1178 |
| 510 | 762 | 763 | 1179 |
| 511 | 765 | 766 | 1180 |
| 512 | 768 | 769 | 1181 |
| 513 | 771 | 772 | 1182 |
| 514 | 774 | 775 | 1183 |
| 515 | 777 | 778 | 1184 |
| 516 | 780 | 781 | 1185 |
| 517 | 783 | 784 | 1186 |
| 518 | 786 | 787 | 1187 |
| 519 | 789 | 790 | 1188 |
| 520 | 792 | 793 | 1189 |
| 521 | 795 | 796 | 1190 |
| 522 | 798 | 799 | 1191 |
| 523 | 801 | 802 | 1192 |
| 524 | 804 | 805 | 1193 |
| 525 | 807 | 808 | 1194 |
| 526 | 810 | 811 | 1195 |
| 527 | 813 | 814 | 1196 |
| 528 | 816 | 817 | 1197 |
| 529 | 819 | 820 | 1198 |
| 530 | 822 | 823 | 1199 |
| 531 | 825 | 826 | 1200 |
| 532 | 828 | 829 | 1201 |
| 533 | 831 | 832 | 1202 |
| 534 | 834 | 835 | 1203 |
| 535 | 837 | 838 | 1204 |
| 536 | 840 | 841 | 1205 |
| 537 | 843 | 844 | 1206 |

| | | | |
|-----|------|------|------|
| 538 | 846 | 847 | 1207 |
| 539 | 849 | 850 | 1208 |
| 540 | 852 | 853 | 1209 |
| 541 | 855 | 856 | 1210 |
| 542 | 858 | 859 | 1211 |
| 543 | 861 | 862 | 1212 |
| 544 | 864 | 865 | 1213 |
| 545 | 867 | 868 | 1214 |
| 546 | 870 | 871 | 1215 |
| 547 | 873 | 874 | 1216 |
| 548 | 876 | 877 | 1217 |
| 549 | 879 | 880 | 1218 |
| 550 | 882 | 883 | 1219 |
| 551 | 885 | 886 | 1220 |
| 552 | 888 | 889 | 1221 |
| 553 | 891 | 892 | 1222 |
| 554 | 894 | 895 | 1223 |
| 555 | 897 | 898 | 1224 |
| 556 | 900 | 901 | 1225 |
| 557 | 903 | 904 | 1226 |
| 558 | 906 | 907 | 1227 |
| 559 | 909 | 910 | 1228 |
| 560 | 912 | 913 | 1229 |
| 561 | 915 | 916 | 1230 |
| 562 | 918 | 919 | 1231 |
| 563 | 921 | 922 | 1232 |
| 564 | 924 | 925 | 1233 |
| 565 | 927 | 928 | 1234 |
| 566 | 930 | 931 | 1235 |
| 567 | 933 | 934 | 1236 |
| 568 | 936 | 937 | 1237 |
| 569 | 939 | 940 | 1238 |
| 570 | 942 | 943 | 1239 |
| 571 | 945 | 946 | 1240 |
| 572 | 948 | 949 | 1241 |
| 573 | 951 | 952 | 1242 |
| 574 | 954 | 955 | 1243 |
| 575 | 957 | 958 | 1244 |
| 576 | 960 | 961 | 1245 |
| 577 | 963 | 964 | 1246 |
| 578 | 966 | 967 | 1247 |
| 579 | 969 | 970 | 1248 |
| 580 | 972 | 973 | 1249 |
| 581 | 975 | 976 | 1250 |
| 582 | 978 | 979 | 1251 |
| 583 | 981 | 982 | 1252 |
| 584 | 984 | 985 | 1253 |
| 585 | 987 | 988 | 1254 |
| 586 | 990 | 991 | 1255 |
| 587 | 993 | 994 | 1256 |
| 588 | 996 | 997 | 1257 |
| 589 | 999 | 1000 | 1258 |
| 590 | 1002 | 1003 | 1259 |
| 591 | 1005 | 1006 | 1260 |
| 592 | 1008 | 1009 | 1261 |
| 593 | 1011 | 1012 | 1262 |
| 594 | 1014 | 1015 | 1263 |
| 595 | 1017 | 1018 | 1264 |
| 596 | 1020 | 1021 | 1265 |
| 597 | 1023 | 1024 | 1266 |
| 598 | 1026 | 1027 | 1267 |
| 599 | 1029 | 1030 | 1268 |
| 600 | 1032 | 1033 | 1269 |
| 601 | 1035 | 1036 | 1270 |
| 602 | 1038 | 1039 | 1271 |
| 603 | 1041 | 1042 | 1272 |
| 604 | 1044 | 1045 | 1273 |
| 605 | 1047 | 1048 | 1274 |
| 606 | 1050 | 1051 | 1275 |
| 607 | 1053 | 1054 | 1276 |
| 608 | 1056 | 1057 | 1277 |
| 609 | 1059 | 1060 | 1278 |
| 610 | 1062 | 1063 | 1279 |
| 611 | 1065 | 1066 | 1280 |
| 612 | 1068 | 1069 | 1281 |
| 613 | 1071 | 1072 | 1282 |
| 614 | 1074 | 1075 | 1283 |
| 615 | 1077 | 1078 | 1284 |
| 616 | 1080 | 1081 | 1285 |
| 617 | 1083 | 1084 | 1286 |
| 618 | 1086 | 1087 | 1287 |
| 619 | 1089 | 1090 | 1288 |
| 620 | 1092 | 1093 | 1289 |
| 621 | 1095 | 1096 | 1290 |
| 622 | 1098 | 1099 | 1291 |
| 623 | 1101 | 1102 | 1292 |
| 624 | 1104 | 1105 | 1293 |
| 625 | 1107 | 1108 | 1294 |
| 626 | 1110 | 1111 | 1295 |
| 627 | 1113 | 1114 | 1296 |
| 628 | 1116 | 1117 | 1297 |
| 629 | 1119 | 1120 | 1298 |
| 630 | 1122 | 1123 | 1299 |
| 631 | 1125 | 1126 | 1300 |
| 632 | 1128 | 1129 | 1301 |
| 633 | 1131 | 1132 | 1302 |
| 634 | 1134 | 1135 | 1303 |
| 635 | 1137 | 1138 | 1304 |
| 636 | 1140 | 1141 | 1305 |
| 637 | 1143 | 1144 | 1306 |
| 638 | 1146 | 1147 | 1307 |
| 639 | 669 | 612 | 1308 |
| 640 | 672 | 615 | 1309 |
| 641 | 675 | 618 | 1310 |
| 642 | 678 | 621 | 1311 |

| | | | |
|-----|------|------|------|
| 643 | 681 | 624 | 1312 |
| 644 | 684 | 627 | 1313 |
| 645 | 687 | 630 | 1314 |
| 646 | 690 | 633 | 1315 |
| 647 | 693 | 636 | 1316 |
| 648 | 696 | 639 | 1317 |
| 649 | 699 | 642 | 1318 |
| 650 | 702 | 645 | 1319 |
| 651 | 705 | 648 | 1320 |
| 652 | 708 | 651 | 1321 |
| 653 | 609 | 1322 | 1323 |
| 654 | 654 | 1324 | 1325 |
| 655 | 657 | 1326 | 1327 |
| 656 | 727 | 1328 | 1329 |
| 657 | 730 | 1330 | 1331 |
| 658 | 733 | 1332 | 1333 |
| 659 | 736 | 1334 | 1335 |
| 660 | 739 | 1336 | 1337 |
| 661 | 742 | 1338 | 1339 |
| 662 | 745 | 1340 | 1341 |
| 663 | 748 | 1342 | 1343 |
| 664 | 751 | 1344 | 1345 |
| 665 | 754 | 1346 | 1347 |
| 666 | 757 | 1348 | 1349 |
| 667 | 760 | 1350 | 1351 |
| 668 | 763 | 1352 | 1353 |
| 669 | 766 | 1354 | 1355 |
| 670 | 769 | 1356 | 1357 |
| 671 | 772 | 1358 | 1359 |
| 672 | 775 | 1360 | 1361 |
| 673 | 778 | 1362 | 1363 |
| 674 | 799 | 1364 | 1365 |
| 675 | 802 | 1366 | 1367 |
| 676 | 805 | 1368 | 1369 |
| 677 | 808 | 1370 | 1371 |
| 678 | 811 | 1372 | 1373 |
| 679 | 814 | 1374 | 1375 |
| 680 | 817 | 1376 | 1377 |
| 681 | 820 | 1378 | 1379 |
| 682 | 823 | 1380 | 1381 |
| 683 | 826 | 1382 | 1383 |
| 684 | 829 | 1384 | 1385 |
| 685 | 832 | 1386 | 1387 |
| 686 | 835 | 1388 | 1389 |
| 687 | 838 | 1390 | 1391 |
| 688 | 841 | 1392 | 1393 |
| 689 | 844 | 1394 | 1395 |
| 690 | 847 | 1396 | 1397 |
| 691 | 850 | 1398 | 1399 |
| 692 | 853 | 1400 | 1401 |
| 693 | 856 | 1402 | 1403 |
| 694 | 859 | 1404 | 1405 |
| 695 | 862 | 1406 | 1407 |
| 696 | 865 | 1408 | 1409 |
| 697 | 868 | 1410 | 1411 |
| 698 | 871 | 1412 | 1413 |
| 699 | 874 | 1414 | 1415 |
| 700 | 877 | 1416 | 1417 |
| 701 | 880 | 1418 | 1419 |
| 702 | 883 | 1420 | 1421 |
| 703 | 886 | 1422 | 1423 |
| 704 | 889 | 1424 | 1425 |
| 705 | 892 | 1426 | 1427 |
| 706 | 895 | 1428 | 1429 |
| 707 | 898 | 1430 | 1431 |
| 708 | 901 | 1432 | 1433 |
| 709 | 904 | 1434 | 1435 |
| 710 | 907 | 1436 | 1437 |
| 711 | 910 | 1438 | 1439 |
| 712 | 913 | 1440 | 1441 |
| 713 | 916 | 1442 | 1443 |
| 714 | 919 | 1444 | 1445 |
| 715 | 922 | 1446 | 1447 |
| 716 | 925 | 1448 | 1449 |
| 717 | 928 | 1450 | 1451 |
| 718 | 931 | 1452 | 1453 |
| 719 | 934 | 1454 | 1455 |
| 720 | 937 | 1456 | 1457 |
| 721 | 940 | 1458 | 1459 |
| 722 | 943 | 1460 | 1461 |
| 723 | 946 | 1462 | 1463 |
| 724 | 949 | 1464 | 1465 |
| 725 | 952 | 1466 | 1467 |
| 726 | 955 | 1468 | 1469 |
| 727 | 958 | 1470 | 1471 |
| 728 | 961 | 1472 | 1473 |
| 729 | 964 | 1474 | 1475 |
| 730 | 967 | 1476 | 1477 |
| 731 | 970 | 1478 | 1479 |
| 732 | 973 | 1480 | 1481 |
| 733 | 976 | 1482 | 1483 |
| 734 | 979 | 1484 | 1485 |
| 735 | 982 | 1486 | 1487 |
| 736 | 985 | 1488 | 1489 |
| 737 | 988 | 1490 | 1491 |
| 738 | 991 | 1492 | 1493 |
| 739 | 994 | 1494 | 1495 |
| 740 | 997 | 1496 | 1497 |
| 741 | 1000 | 1498 | 1499 |
| 742 | 1003 | 1500 | 1501 |
| 743 | 1006 | 1502 | 1503 |
| 744 | 1009 | 1504 | 1505 |
| 745 | 1012 | 1506 | 1507 |
| 746 | 1015 | 1508 | 1509 |
| 747 | 1018 | 1510 | 1511 |

| | | | |
|-----|------|------|------|
| 748 | 1021 | 1512 | 1513 |
| 749 | 1024 | 1514 | 1515 |
| 750 | 1027 | 1516 | 1517 |
| 751 | 1030 | 1518 | 1519 |
| 752 | 1033 | 1520 | 1521 |
| 753 | 1036 | 1522 | 1523 |
| 754 | 1039 | 1524 | 1525 |
| 755 | 1042 | 1526 | 1527 |
| 756 | 1045 | 1528 | 1529 |
| 757 | 1048 | 1530 | 1531 |
| 758 | 1051 | 1532 | 1533 |
| 759 | 1054 | 1534 | 1535 |
| 760 | 1057 | 1536 | 1537 |
| 761 | 1060 | 1538 | 1539 |
| 762 | 1063 | 1540 | 1541 |
| 763 | 1066 | 1542 | 1543 |
| 764 | 1069 | 1544 | 1545 |
| 765 | 1072 | 1546 | 1547 |
| 766 | 1075 | 1548 | 1549 |
| 767 | 1078 | 1550 | 1551 |
| 768 | 1081 | 1552 | 1553 |
| 769 | 1084 | 1554 | 1555 |
| 770 | 1087 | 1556 | 1557 |
| 771 | 1090 | 1558 | 1559 |
| 772 | 1093 | 1560 | 1561 |
| 773 | 1096 | 1562 | 1563 |
| 774 | 1099 | 1564 | 1565 |
| 775 | 1102 | 1566 | 1567 |
| 776 | 1105 | 1568 | 1569 |
| 777 | 1108 | 1570 | 1571 |
| 778 | 1111 | 1572 | 1573 |
| 779 | 1114 | 1574 | 1575 |
| 780 | 1117 | 1576 | 1577 |
| 781 | 1120 | 1578 | 1579 |
| 782 | 1123 | 1580 | 1581 |
| 783 | 1126 | 1582 | 1583 |
| 784 | 1129 | 1584 | 1585 |
| 785 | 1132 | 1586 | 1587 |
| 786 | 1135 | 1588 | 1589 |
| 787 | 1138 | 1590 | 1591 |
| 788 | 1141 | 1592 | 1593 |
| 789 | 1144 | 1594 | 1595 |
| 790 | 1147 | 1596 | 1597 |
| 791 | 612 | 1598 | 1599 |
| 792 | 615 | 1600 | 1601 |
| 793 | 618 | 1602 | 1603 |
| 794 | 621 | 1604 | 1605 |
| 795 | 624 | 1606 | 1607 |
| 796 | 627 | 1608 | 1609 |
| 797 | 630 | 1610 | 1611 |
| 798 | 633 | 1612 | 1613 |
| 799 | 636 | 1614 | 1615 |
| 800 | 639 | 1616 | 1617 |
| 801 | 642 | 1618 | 1619 |
| 802 | 645 | 1620 | 1621 |
| 803 | 648 | 1622 | 1623 |
| 804 | 651 | 1624 | 1625 |
| 805 | 1626 | 1627 | 1628 |
| 806 | 1629 | 1630 | 1631 |
| 807 | 1632 | 1633 | 1634 |
| 808 | 1635 | 1636 | 1637 |
| 809 | 666 | 1638 | 1639 |
| 810 | 711 | 1640 | 1641 |
| 811 | 714 | 1642 | 1643 |
| 812 | 726 | 1644 | 1645 |
| 813 | 729 | 1646 | 1647 |
| 814 | 732 | 1648 | 1649 |
| 815 | 735 | 1650 | 1651 |
| 816 | 738 | 1652 | 1653 |
| 817 | 741 | 1654 | 1655 |
| 818 | 744 | 1656 | 1657 |
| 819 | 747 | 1658 | 1659 |
| 820 | 750 | 1660 | 1661 |
| 821 | 753 | 1662 | 1663 |
| 822 | 756 | 1664 | 1665 |
| 823 | 759 | 1666 | 1667 |
| 824 | 762 | 1668 | 1669 |
| 825 | 765 | 1670 | 1671 |
| 826 | 768 | 1672 | 1673 |
| 827 | 771 | 1674 | 1675 |
| 828 | 774 | 1676 | 1677 |
| 829 | 777 | 1678 | 1679 |
| 830 | 798 | 1680 | 1681 |
| 831 | 801 | 1682 | 1683 |
| 832 | 804 | 1684 | 1685 |
| 833 | 807 | 1686 | 1687 |
| 834 | 810 | 1688 | 1689 |
| 835 | 813 | 1690 | 1691 |
| 836 | 816 | 1692 | 1693 |
| 837 | 819 | 1694 | 1695 |
| 838 | 822 | 1696 | 1697 |
| 839 | 825 | 1698 | 1699 |
| 840 | 828 | 1700 | 1701 |
| 841 | 831 | 1702 | 1703 |
| 842 | 834 | 1704 | 1705 |
| 843 | 837 | 1706 | 1707 |
| 844 | 840 | 1708 | 1709 |
| 845 | 843 | 1710 | 1711 |
| 846 | 846 | 1712 | 1713 |
| 847 | 849 | 1714 | 1715 |
| 848 | 852 | 1716 | 1717 |
| 849 | 855 | 1718 | 1719 |
| 850 | 858 | 1720 | 1721 |
| 851 | 861 | 1722 | 1723 |
| 852 | 864 | 1724 | 1725 |

| | | | |
|-----|------|------|------|
| 853 | 867 | 1726 | 1727 |
| 854 | 870 | 1728 | 1729 |
| 855 | 873 | 1730 | 1731 |
| 856 | 876 | 1732 | 1733 |
| 857 | 879 | 1734 | 1735 |
| 858 | 882 | 1736 | 1737 |
| 859 | 885 | 1738 | 1739 |
| 860 | 888 | 1740 | 1741 |
| 861 | 891 | 1742 | 1743 |
| 862 | 894 | 1744 | 1745 |
| 863 | 897 | 1746 | 1747 |
| 864 | 900 | 1748 | 1749 |
| 865 | 903 | 1750 | 1751 |
| 866 | 906 | 1752 | 1753 |
| 867 | 909 | 1754 | 1755 |
| 868 | 912 | 1756 | 1757 |
| 869 | 915 | 1758 | 1759 |
| 870 | 918 | 1760 | 1761 |
| 871 | 921 | 1762 | 1763 |
| 872 | 924 | 1764 | 1765 |
| 873 | 927 | 1766 | 1767 |
| 874 | 930 | 1768 | 1769 |
| 875 | 933 | 1770 | 1771 |
| 876 | 936 | 1772 | 1773 |
| 877 | 939 | 1774 | 1775 |
| 878 | 942 | 1776 | 1777 |
| 879 | 945 | 1778 | 1779 |
| 880 | 948 | 1780 | 1781 |
| 881 | 951 | 1782 | 1783 |
| 882 | 954 | 1784 | 1785 |
| 883 | 957 | 1786 | 1787 |
| 884 | 960 | 1788 | 1789 |
| 885 | 963 | 1790 | 1791 |
| 886 | 966 | 1792 | 1793 |
| 887 | 969 | 1794 | 1795 |
| 888 | 972 | 1796 | 1797 |
| 889 | 975 | 1798 | 1799 |
| 890 | 978 | 1800 | 1801 |
| 891 | 981 | 1802 | 1803 |
| 892 | 984 | 1804 | 1805 |
| 893 | 987 | 1806 | 1807 |
| 894 | 990 | 1808 | 1809 |
| 895 | 993 | 1810 | 1811 |
| 896 | 996 | 1812 | 1813 |
| 897 | 999 | 1814 | 1815 |
| 898 | 1002 | 1816 | 1817 |
| 899 | 1005 | 1818 | 1819 |
| 900 | 1008 | 1820 | 1821 |
| 901 | 1011 | 1822 | 1823 |
| 902 | 1014 | 1824 | 1825 |
| 903 | 1017 | 1826 | 1827 |
| 904 | 1020 | 1828 | 1829 |
| 905 | 1023 | 1830 | 1831 |
| 906 | 1026 | 1832 | 1833 |
| 907 | 1029 | 1834 | 1835 |
| 908 | 1032 | 1836 | 1837 |
| 909 | 1035 | 1838 | 1839 |
| 910 | 1038 | 1840 | 1841 |
| 911 | 1041 | 1842 | 1843 |
| 912 | 1044 | 1844 | 1845 |
| 913 | 1047 | 1846 | 1847 |
| 914 | 1050 | 1848 | 1849 |
| 915 | 1053 | 1850 | 1851 |
| 916 | 1056 | 1852 | 1853 |
| 917 | 1059 | 1854 | 1855 |
| 918 | 1062 | 1856 | 1857 |
| 919 | 1065 | 1858 | 1859 |
| 920 | 1068 | 1860 | 1861 |
| 921 | 1071 | 1862 | 1863 |
| 922 | 1074 | 1864 | 1865 |
| 923 | 1077 | 1866 | 1867 |
| 924 | 1080 | 1868 | 1869 |
| 925 | 1083 | 1870 | 1871 |
| 926 | 1086 | 1872 | 1873 |
| 927 | 1089 | 1874 | 1875 |
| 928 | 1092 | 1876 | 1877 |
| 929 | 1095 | 1878 | 1879 |
| 930 | 1098 | 1880 | 1881 |
| 931 | 1101 | 1882 | 1883 |
| 932 | 1104 | 1884 | 1885 |
| 933 | 1107 | 1886 | 1887 |
| 934 | 1110 | 1888 | 1889 |
| 935 | 1113 | 1890 | 1891 |
| 936 | 1116 | 1892 | 1893 |
| 937 | 1119 | 1894 | 1895 |
| 938 | 1122 | 1896 | 1897 |
| 939 | 1125 | 1898 | 1899 |
| 940 | 1128 | 1900 | 1901 |
| 941 | 1131 | 1902 | 1903 |
| 942 | 1134 | 1904 | 1905 |
| 943 | 1137 | 1906 | 1907 |
| 944 | 1140 | 1908 | 1909 |
| 945 | 1143 | 1910 | 1911 |
| 946 | 1146 | 1912 | 1913 |
| 947 | 669 | 1914 | 1915 |
| 948 | 672 | 1916 | 1917 |
| 949 | 675 | 1918 | 1919 |
| 950 | 678 | 1920 | 1921 |
| 951 | 681 | 1922 | 1923 |
| 952 | 684 | 1924 | 1925 |
| 953 | 687 | 1926 | 1927 |
| 954 | 690 | 1928 | 1929 |
| 955 | 693 | 1930 | 1931 |
| 956 | 696 | 1932 | 1933 |
| 957 | 699 | 1934 | 1935 |

| | | | |
|------|------|------|------|
| 958 | 702 | 1936 | 1937 |
| 959 | 705 | 1938 | 1939 |
| 960 | 708 | 1940 | 1941 |
| 961 | 1942 | 1943 | 1944 |
| 962 | 1945 | 1946 | 1947 |
| 963 | 1948 | 1949 | 1950 |
| 964 | 1951 | 1952 | 1953 |
| 965 | 717 | 1954 | 1955 |
| 966 | 780 | 1956 | 1957 |
| 967 | 783 | 1958 | 1959 |
| 968 | 724 | 663 | 1960 |
| 969 | 786 | 1961 | 1962 |
| 970 | 789 | 1963 | 1964 |
| 971 | 792 | 1965 | 1966 |
| 972 | 795 | 1967 | 1968 |
| 973 | 724 | 1969 | 1970 |
| 974 | 660 | 1971 | 1972 |
| 975 | 781 | 1973 | 1974 |
| 976 | 784 | 1975 | 1976 |
| 977 | 787 | 1977 | 1978 |
| 978 | 790 | 1979 | 1980 |
| 979 | 793 | 1981 | 1982 |
| 980 | 796 | 1983 | 1984 |
| 981 | 663 | 1985 | 1986 |
| 982 | 1987 | 796 | 1988 |
| 983 | 796 | 663 | 1989 |
| 984 | 1990 | 790 | 1991 |
| 985 | 793 | 1987 | 1992 |
| 986 | 790 | 793 | 1993 |
| 987 | 1994 | 784 | 1995 |
| 988 | 787 | 1990 | 1996 |
| 989 | 784 | 787 | 1997 |
| 990 | 660 | 781 | 1998 |
| 991 | 781 | 1994 | 1999 |
| 992 | 2000 | 1147 | 2001 |
| 993 | 1147 | 660 | 2002 |
| 994 | 2003 | 1141 | 2004 |
| 995 | 1144 | 2000 | 2005 |
| 996 | 1141 | 1144 | 2006 |
| 997 | 2007 | 1132 | 2008 |
| 998 | 1138 | 2003 | 2009 |
| 999 | 1135 | 1138 | 2010 |
| 1000 | 1132 | 1135 | 2011 |
| 1001 | 2012 | 1126 | 2013 |
| 1002 | 1129 | 2007 | 2014 |
| 1003 | 1126 | 1129 | 2015 |
| 1004 | 657 | 1123 | 2016 |
| 1005 | 1123 | 2012 | 2017 |
| 1006 | 2018 | 1120 | 2019 |
| 1007 | 1120 | 657 | 2020 |
| 1008 | 2021 | 1114 | 2022 |
| 1009 | 1117 | 2018 | 2023 |
| 1010 | 1114 | 1117 | 2024 |
| 1011 | 2025 | 1105 | 2026 |
| 1012 | 1111 | 2021 | 2027 |
| 1013 | 1108 | 1111 | 2028 |
| 1014 | 1105 | 1108 | 2029 |
| 1015 | 2030 | 1099 | 2031 |
| 1016 | 1102 | 2025 | 2032 |
| 1017 | 1099 | 1102 | 2033 |
| 1018 | 654 | 1096 | 2034 |
| 1019 | 1096 | 2030 | 2035 |
| 1020 | 2036 | 1093 | 2037 |
| 1021 | 1093 | 654 | 2038 |
| 1022 | 2039 | 1087 | 2040 |
| 1023 | 1090 | 2036 | 2041 |
| 1024 | 1087 | 1090 | 2042 |
| 1025 | 2043 | 1078 | 2044 |
| 1026 | 1084 | 2039 | 2045 |
| 1027 | 1081 | 1084 | 2046 |
| 1028 | 1078 | 1081 | 2047 |
| 1029 | 2048 | 1072 | 2049 |
| 1030 | 1075 | 2043 | 2050 |
| 1031 | 1072 | 1075 | 2051 |
| 1032 | 651 | 1069 | 2052 |
| 1033 | 1069 | 2048 | 2053 |
| 1034 | 2054 | 1066 | 2055 |
| 1035 | 1066 | 651 | 2056 |
| 1036 | 2057 | 1060 | 2058 |
| 1037 | 1063 | 2054 | 2059 |
| 1038 | 1060 | 1063 | 2060 |
| 1039 | 2061 | 1051 | 2062 |
| 1040 | 1057 | 2057 | 2063 |
| 1041 | 1054 | 1057 | 2064 |
| 1042 | 1051 | 1054 | 2065 |
| 1043 | 2066 | 1045 | 2067 |
| 1044 | 1048 | 2061 | 2068 |
| 1045 | 1045 | 1048 | 2069 |
| 1046 | 648 | 1042 | 2070 |
| 1047 | 1042 | 2066 | 2071 |
| 1048 | 2072 | 1039 | 2073 |
| 1049 | 1039 | 648 | 2074 |
| 1050 | 2075 | 1033 | 2076 |
| 1051 | 1036 | 2072 | 2077 |
| 1052 | 1033 | 1036 | 2078 |
| 1053 | 2079 | 1024 | 2080 |
| 1054 | 1030 | 2075 | 2081 |
| 1055 | 1027 | 1030 | 2082 |
| 1056 | 1024 | 1027 | 2083 |
| 1057 | 2084 | 1018 | 2085 |
| 1058 | 1021 | 2079 | 2086 |
| 1059 | 1018 | 1021 | 2087 |
| 1060 | 645 | 1015 | 2088 |
| 1061 | 1015 | 2084 | 2089 |
| 1062 | 2090 | 1012 | 2091 |

| | | | |
|------|------|------|------|
| 1063 | 1012 | 645 | 2092 |
| 1064 | 2093 | 1006 | 2094 |
| 1065 | 1009 | 2090 | 2095 |
| 1066 | 1006 | 1009 | 2096 |
| 1067 | 2097 | 997 | 2098 |
| 1068 | 1003 | 2093 | 2099 |
| 1069 | 1000 | 1003 | 2100 |
| 1070 | 997 | 1000 | 2101 |
| 1071 | 2102 | 991 | 2103 |
| 1072 | 994 | 2097 | 2104 |
| 1073 | 991 | 994 | 2105 |
| 1074 | 642 | 988 | 2106 |
| 1075 | 988 | 2102 | 2107 |
| 1076 | 2108 | 985 | 2109 |
| 1077 | 985 | 642 | 2110 |
| 1078 | 2111 | 979 | 2112 |
| 1079 | 982 | 2108 | 2113 |
| 1080 | 979 | 982 | 2114 |
| 1081 | 2115 | 970 | 2116 |
| 1082 | 976 | 2111 | 2117 |
| 1083 | 973 | 976 | 2118 |
| 1084 | 970 | 973 | 2119 |
| 1085 | 2120 | 964 | 2121 |
| 1086 | 967 | 2115 | 2122 |
| 1087 | 964 | 967 | 2123 |
| 1088 | 639 | 961 | 2124 |
| 1089 | 961 | 2120 | 2125 |
| 1090 | 2126 | 778 | 2127 |
| 1091 | 778 | 639 | 2128 |
| 1092 | 2129 | 772 | 2130 |
| 1093 | 775 | 2126 | 2131 |
| 1094 | 772 | 775 | 2132 |
| 1095 | 2133 | 766 | 2134 |
| 1096 | 769 | 2129 | 2135 |
| 1097 | 766 | 769 | 2136 |
| 1098 | 636 | 763 | 2137 |
| 1099 | 763 | 2133 | 2138 |
| 1100 | 2139 | 760 | 2140 |
| 1101 | 760 | 633 | 2141 |
| 1102 | 2142 | 754 | 2143 |
| 1103 | 757 | 2139 | 2144 |
| 1104 | 754 | 757 | 2145 |
| 1105 | 2146 | 748 | 2147 |
| 1106 | 751 | 2142 | 2148 |
| 1107 | 748 | 751 | 2149 |
| 1108 | 630 | 745 | 2150 |
| 1109 | 745 | 2146 | 2151 |
| 1110 | 2152 | 958 | 2153 |
| 1111 | 958 | 630 | 2154 |
| 1112 | 2155 | 952 | 2156 |
| 1113 | 955 | 2152 | 2157 |
| 1114 | 952 | 955 | 2158 |
| 1115 | 2159 | 943 | 2160 |
| 1116 | 949 | 2155 | 2161 |
| 1117 | 946 | 949 | 2162 |
| 1118 | 943 | 946 | 2163 |
| 1119 | 2164 | 937 | 2165 |
| 1120 | 940 | 2159 | 2166 |
| 1121 | 937 | 940 | 2167 |
| 1122 | 627 | 934 | 2168 |
| 1123 | 934 | 2164 | 2169 |
| 1124 | 2170 | 931 | 2171 |
| 1125 | 931 | 627 | 2172 |
| 1126 | 2173 | 925 | 2174 |
| 1127 | 928 | 2170 | 2175 |
| 1128 | 925 | 928 | 2176 |
| 1129 | 2177 | 916 | 2178 |
| 1130 | 922 | 2173 | 2179 |
| 1131 | 919 | 922 | 2180 |
| 1132 | 916 | 919 | 2181 |
| 1133 | 2182 | 910 | 2183 |
| 1134 | 913 | 2177 | 2184 |
| 1135 | 910 | 913 | 2185 |
| 1136 | 624 | 907 | 2186 |
| 1137 | 907 | 2182 | 2187 |
| 1138 | 2188 | 904 | 2189 |
| 1139 | 904 | 624 | 2190 |
| 1140 | 2191 | 898 | 2192 |
| 1141 | 901 | 2188 | 2193 |
| 1142 | 898 | 901 | 2194 |
| 1143 | 2195 | 889 | 2196 |
| 1144 | 895 | 2191 | 2197 |
| 1145 | 892 | 895 | 2198 |
| 1146 | 889 | 892 | 2199 |
| 1147 | 2200 | 883 | 2201 |
| 1148 | 886 | 2195 | 2202 |
| 1149 | 883 | 886 | 2203 |
| 1150 | 621 | 880 | 2204 |
| 1151 | 880 | 2200 | 2205 |
| 1152 | 2206 | 877 | 2207 |
| 1153 | 877 | 621 | 2208 |
| 1154 | 2209 | 871 | 2210 |
| 1155 | 874 | 2206 | 2211 |
| 1156 | 871 | 874 | 2212 |
| 1157 | 2213 | 862 | 2214 |
| 1158 | 868 | 2209 | 2215 |
| 1159 | 865 | 868 | 2216 |
| 1160 | 862 | 865 | 2217 |
| 1161 | 2218 | 856 | 2219 |
| 1162 | 859 | 2213 | 2220 |
| 1163 | 856 | 859 | 2221 |
| 1164 | 618 | 853 | 2222 |
| 1165 | 853 | 2218 | 2223 |
| 1166 | 2224 | 850 | 2225 |
| 1167 | 850 | 618 | 2226 |

| | | | |
|------|------|------|------|
| 1168 | 2227 | 844 | 2228 |
| 1169 | 847 | 2224 | 2229 |
| 1170 | 844 | 847 | 2230 |
| 1171 | 2231 | 835 | 2232 |
| 1172 | 841 | 2227 | 2233 |
| 1173 | 838 | 841 | 2234 |
| 1174 | 835 | 838 | 2235 |
| 1175 | 2236 | 829 | 2237 |
| 1176 | 832 | 2231 | 2238 |
| 1177 | 829 | 832 | 2239 |
| 1178 | 615 | 826 | 2240 |
| 1179 | 826 | 2236 | 2241 |
| 1180 | 2242 | 823 | 2243 |
| 1181 | 823 | 615 | 2244 |
| 1182 | 2245 | 817 | 2246 |
| 1183 | 820 | 2242 | 2247 |
| 1184 | 817 | 820 | 2248 |
| 1185 | 2249 | 808 | 2250 |
| 1186 | 814 | 2245 | 2251 |
| 1187 | 811 | 814 | 2252 |
| 1188 | 808 | 811 | 2253 |
| 1189 | 2254 | 802 | 2255 |
| 1190 | 805 | 2249 | 2256 |
| 1191 | 802 | 805 | 2257 |
| 1192 | 612 | 799 | 2258 |
| 1193 | 799 | 2254 | 2259 |
| 1194 | 2260 | 742 | 2261 |
| 1195 | 742 | 612 | 2262 |
| 1196 | 2263 | 736 | 2264 |
| 1197 | 739 | 2260 | 2265 |
| 1198 | 736 | 739 | 2266 |
| 1199 | 2267 | 730 | 2268 |
| 1200 | 733 | 2263 | 2269 |
| 1201 | 730 | 733 | 2270 |
| 1202 | 609 | 727 | 2271 |
| 1203 | 727 | 2267 | 2272 |
| 1204 | 1632 | 609 | 2273 |
| 1205 | 633 | 1626 | 2274 |
| 1206 | 1629 | 636 | 2275 |
| 1207 | 663 | 1635 | 2276 |
| 1208 | 2277 | 795 | 2278 |
| 1209 | 795 | 724 | 2279 |
| 1210 | 2280 | 789 | 2281 |
| 1211 | 792 | 2277 | 2282 |
| 1212 | 789 | 792 | 2283 |
| 1213 | 2284 | 783 | 2285 |
| 1214 | 786 | 2280 | 2286 |
| 1215 | 783 | 786 | 2287 |
| 1216 | 717 | 780 | 2288 |
| 1217 | 780 | 2284 | 2289 |
| 1218 | 2290 | 1146 | 2291 |
| 1219 | 1146 | 717 | 2292 |
| 1220 | 2293 | 1140 | 2294 |
| 1221 | 1143 | 2290 | 2295 |
| 1222 | 1140 | 1143 | 2296 |
| 1223 | 2297 | 1131 | 2298 |
| 1224 | 1137 | 2293 | 2299 |
| 1225 | 1134 | 1137 | 2300 |
| 1226 | 1131 | 1134 | 2301 |
| 1227 | 2302 | 1125 | 2303 |
| 1228 | 1128 | 2297 | 2304 |
| 1229 | 1125 | 1128 | 2305 |
| 1230 | 714 | 1122 | 2306 |
| 1231 | 1122 | 2302 | 2307 |
| 1232 | 2308 | 1119 | 2309 |
| 1233 | 1119 | 714 | 2310 |
| 1234 | 2311 | 1113 | 2312 |
| 1235 | 1116 | 2308 | 2313 |
| 1236 | 1113 | 1116 | 2314 |
| 1237 | 2315 | 1104 | 2316 |
| 1238 | 1110 | 2311 | 2317 |
| 1239 | 1107 | 1110 | 2318 |
| 1240 | 1104 | 1107 | 2319 |
| 1241 | 2320 | 1098 | 2321 |
| 1242 | 1101 | 2315 | 2322 |
| 1243 | 1098 | 1101 | 2323 |
| 1244 | 711 | 1095 | 2324 |
| 1245 | 1095 | 2320 | 2325 |
| 1246 | 2326 | 1092 | 2327 |
| 1247 | 1092 | 711 | 2328 |
| 1248 | 2329 | 1086 | 2330 |
| 1249 | 1089 | 2326 | 2331 |
| 1250 | 1086 | 1089 | 2332 |
| 1251 | 2333 | 1077 | 2334 |
| 1252 | 1083 | 2329 | 2335 |
| 1253 | 1080 | 1083 | 2336 |
| 1254 | 1077 | 1080 | 2337 |
| 1255 | 2338 | 1071 | 2339 |
| 1256 | 1074 | 2333 | 2340 |
| 1257 | 1071 | 1074 | 2341 |
| 1258 | 708 | 1068 | 2342 |
| 1259 | 1068 | 2338 | 2343 |
| 1260 | 2344 | 1065 | 2345 |
| 1261 | 1065 | 708 | 2346 |
| 1262 | 2347 | 1059 | 2348 |
| 1263 | 1062 | 2344 | 2349 |
| 1264 | 1059 | 1062 | 2350 |
| 1265 | 2351 | 1050 | 2352 |
| 1266 | 1056 | 2347 | 2353 |
| 1267 | 1053 | 1056 | 2354 |
| 1268 | 1050 | 1053 | 2355 |
| 1269 | 2356 | 1044 | 2357 |
| 1270 | 1047 | 2351 | 2358 |
| 1271 | 1044 | 1047 | 2359 |
| 1272 | 705 | 1041 | 2360 |

| | | | |
|------|------|------|------|
| 1273 | 1041 | 2356 | 2361 |
| 1274 | 2362 | 1038 | 2363 |
| 1275 | 1038 | 705 | 2364 |
| 1276 | 2365 | 1032 | 2366 |
| 1277 | 1035 | 2362 | 2367 |
| 1278 | 1032 | 1035 | 2368 |
| 1279 | 2369 | 1023 | 2370 |
| 1280 | 1029 | 2365 | 2371 |
| 1281 | 1026 | 1029 | 2372 |
| 1282 | 1023 | 1026 | 2373 |
| 1283 | 2374 | 1017 | 2375 |
| 1284 | 1020 | 2369 | 2376 |
| 1285 | 1017 | 1020 | 2377 |
| 1286 | 702 | 1014 | 2378 |
| 1287 | 1014 | 2374 | 2379 |
| 1288 | 2380 | 1011 | 2381 |
| 1289 | 1011 | 702 | 2382 |
| 1290 | 2383 | 1005 | 2384 |
| 1291 | 1008 | 2380 | 2385 |
| 1292 | 1005 | 1008 | 2386 |
| 1293 | 2387 | 996 | 2388 |
| 1294 | 1002 | 2383 | 2389 |
| 1295 | 999 | 1002 | 2390 |
| 1296 | 996 | 999 | 2391 |
| 1297 | 2392 | 990 | 2393 |
| 1298 | 993 | 2387 | 2394 |
| 1299 | 990 | 993 | 2395 |
| 1300 | 699 | 987 | 2396 |
| 1301 | 987 | 2392 | 2397 |
| 1302 | 2398 | 984 | 2399 |
| 1303 | 984 | 699 | 2400 |
| 1304 | 2401 | 978 | 2402 |
| 1305 | 981 | 2398 | 2403 |
| 1306 | 978 | 981 | 2404 |
| 1307 | 2405 | 969 | 2406 |
| 1308 | 975 | 2401 | 2407 |
| 1309 | 972 | 975 | 2408 |
| 1310 | 969 | 972 | 2409 |
| 1311 | 2410 | 963 | 2411 |
| 1312 | 966 | 2405 | 2412 |
| 1313 | 963 | 966 | 2413 |
| 1314 | 696 | 960 | 2414 |
| 1315 | 960 | 2410 | 2415 |
| 1316 | 2416 | 777 | 2417 |
| 1317 | 777 | 696 | 2418 |
| 1318 | 2419 | 771 | 2420 |
| 1319 | 774 | 2416 | 2421 |
| 1320 | 771 | 774 | 2422 |
| 1321 | 2423 | 765 | 2424 |
| 1322 | 768 | 2419 | 2425 |
| 1323 | 765 | 768 | 2426 |
| 1324 | 693 | 762 | 2427 |
| 1325 | 762 | 2423 | 2428 |
| 1326 | 2429 | 759 | 2430 |
| 1327 | 759 | 690 | 2431 |
| 1328 | 2432 | 753 | 2433 |
| 1329 | 756 | 2429 | 2434 |
| 1330 | 753 | 756 | 2435 |
| 1331 | 2436 | 747 | 2437 |
| 1332 | 750 | 2432 | 2438 |
| 1333 | 747 | 750 | 2439 |
| 1334 | 687 | 744 | 2440 |
| 1335 | 744 | 2436 | 2441 |
| 1336 | 2442 | 957 | 2443 |
| 1337 | 957 | 687 | 2444 |
| 1338 | 2445 | 951 | 2446 |
| 1339 | 954 | 2442 | 2447 |
| 1340 | 951 | 954 | 2448 |
| 1341 | 2449 | 942 | 2450 |
| 1342 | 948 | 2445 | 2451 |
| 1343 | 945 | 948 | 2452 |
| 1344 | 942 | 945 | 2453 |
| 1345 | 2454 | 936 | 2455 |
| 1346 | 939 | 2449 | 2456 |
| 1347 | 936 | 939 | 2457 |
| 1348 | 684 | 933 | 2458 |
| 1349 | 933 | 2454 | 2459 |
| 1350 | 2460 | 930 | 2461 |
| 1351 | 930 | 684 | 2462 |
| 1352 | 2463 | 924 | 2464 |
| 1353 | 927 | 2460 | 2465 |
| 1354 | 924 | 927 | 2466 |
| 1355 | 2467 | 915 | 2468 |
| 1356 | 921 | 2463 | 2469 |
| 1357 | 918 | 921 | 2470 |
| 1358 | 915 | 918 | 2471 |
| 1359 | 2472 | 909 | 2473 |
| 1360 | 912 | 2467 | 2474 |
| 1361 | 909 | 912 | 2475 |
| 1362 | 681 | 906 | 2476 |
| 1363 | 906 | 2472 | 2477 |
| 1364 | 2478 | 903 | 2479 |
| 1365 | 903 | 681 | 2480 |
| 1366 | 2481 | 897 | 2482 |
| 1367 | 900 | 2478 | 2483 |
| 1368 | 897 | 900 | 2484 |
| 1369 | 2485 | 888 | 2486 |
| 1370 | 894 | 2481 | 2487 |
| 1371 | 891 | 894 | 2488 |
| 1372 | 888 | 891 | 2489 |
| 1373 | 2490 | 882 | 2491 |
| 1374 | 885 | 2485 | 2492 |
| 1375 | 882 | 885 | 2493 |
| 1376 | 678 | 879 | 2494 |
| 1377 | 879 | 2490 | 2495 |

| | | | |
|------|------|------|------|
| 1378 | 2496 | 876 | 2497 |
| 1379 | 876 | 678 | 2498 |
| 1380 | 2499 | 870 | 2500 |
| 1381 | 873 | 2496 | 2501 |
| 1382 | 870 | 873 | 2502 |
| 1383 | 2503 | 861 | 2504 |
| 1384 | 867 | 2499 | 2505 |
| 1385 | 864 | 867 | 2506 |
| 1386 | 861 | 864 | 2507 |
| 1387 | 2508 | 855 | 2509 |
| 1388 | 858 | 2503 | 2510 |
| 1389 | 855 | 858 | 2511 |
| 1390 | 675 | 852 | 2512 |
| 1391 | 852 | 2508 | 2513 |
| 1392 | 2514 | 849 | 2515 |
| 1393 | 849 | 675 | 2516 |
| 1394 | 2517 | 843 | 2518 |
| 1395 | 846 | 2514 | 2519 |
| 1396 | 843 | 846 | 2520 |
| 1397 | 2521 | 834 | 2522 |
| 1398 | 840 | 2517 | 2523 |
| 1399 | 837 | 840 | 2524 |
| 1400 | 834 | 837 | 2525 |
| 1401 | 2526 | 828 | 2527 |
| 1402 | 831 | 2521 | 2528 |
| 1403 | 828 | 831 | 2529 |
| 1404 | 672 | 825 | 2530 |
| 1405 | 825 | 2526 | 2531 |
| 1406 | 2532 | 822 | 2533 |
| 1407 | 822 | 672 | 2534 |
| 1408 | 2535 | 816 | 2536 |
| 1409 | 819 | 2532 | 2537 |
| 1410 | 816 | 819 | 2538 |
| 1411 | 2539 | 807 | 2540 |
| 1412 | 813 | 2535 | 2541 |
| 1413 | 810 | 813 | 2542 |
| 1414 | 807 | 810 | 2543 |
| 1415 | 2544 | 801 | 2545 |
| 1416 | 804 | 2539 | 2546 |
| 1417 | 801 | 804 | 2547 |
| 1418 | 669 | 798 | 2548 |
| 1419 | 798 | 2544 | 2549 |
| 1420 | 2550 | 741 | 2551 |
| 1421 | 741 | 669 | 2552 |
| 1422 | 2553 | 735 | 2554 |
| 1423 | 738 | 2550 | 2555 |
| 1424 | 735 | 738 | 2556 |
| 1425 | 2557 | 729 | 2558 |
| 1426 | 732 | 2553 | 2559 |
| 1427 | 729 | 732 | 2560 |
| 1428 | 666 | 726 | 2561 |
| 1429 | 726 | 2557 | 2562 |
| 1430 | 1948 | 666 | 2563 |
| 1431 | 690 | 1942 | 2564 |
| 1432 | 1945 | 693 | 2565 |
| 1433 | 724 | 1951 | 2566 |
| 1434 | 1948 | 2567 | 2568 |
| 1435 | 2567 | 1632 | 2569 |
| 1436 | 1942 | 2570 | 2571 |
| 1437 | 2570 | 1626 | 2572 |
| 1438 | 1945 | 2573 | 2574 |
| 1439 | 2573 | 1629 | 2575 |
| 1440 | 1951 | 2576 | 2577 |
| 1441 | 2576 | 1635 | 2578 |
| 1442 | 2579 | 724 | 2580 |

TOTAL NUMBER OF ELEMENTS = 1507
LARGEST ELEMENT NUMBER = 1507
LARGEST NODE NUMBER = 2742

DEFAULT SOLVER CHOSEN

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

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | -325.777 | 2.12500 | -2.50000 |
| 2 | -325.777 | 2.12500 | -3.00000 |
| 3 | -325.777 | 3.12500 | -2.50000 |
| 4 | -325.777 | 9.12500 | -2.50000 |
| 5 | -325.777 | 9.12500 | -3.00000 |
| 6 | -325.777 | 10.1250 | -2.50000 |
| 7 | -325.777 | 2.12500 | -4.25000 |
| 8 | -325.777 | 3.12500 | -3.00000 |
| 9 | -325.777 | 9.12500 | -4.25000 |
| 10 | -325.777 | 10.1250 | -3.00000 |
| 11 | -325.777 | 5.62500 | -4.25000 |
| 12 | -326.944 | 2.12500 | -4.25000 |
| 13 | -326.944 | 5.62500 | -4.25000 |
| 14 | -325.777 | 10.2050 | -4.25000 |
| 15 | -326.777 | 9.12500 | -4.25000 |
| 16 | -325.777 | 1.04500 | -4.25000 |
| 17 | -326.777 | 1.04500 | -4.25000 |
| 18 | -325.777 | 5.62500 | -5.50000 |
| 19 | -325.777 | 6.62500 | -4.25000 |
| 20 | -325.777 | 5.62500 | -7.00000 |
| 21 | -325.777 | 5.62500 | -5.68750 |

| | | | |
|-----|----------|---------|----------|
| 22 | -325.777 | 5.62500 | -5.87500 |
| 23 | -325.777 | 5.62500 | -6.06250 |
| 24 | -325.777 | 5.62500 | -6.25000 |
| 25 | -325.777 | 5.62500 | -6.43750 |
| 26 | -325.777 | 5.62500 | -6.62500 |
| 27 | -325.777 | 5.62500 | -6.81250 |
| 28 | -325.777 | 6.62500 | -5.50000 |
| 29 | -325.777 | 6.62500 | -5.68750 |
| 30 | -325.777 | 6.62500 | -5.87500 |
| 31 | -325.777 | 6.62500 | -6.06250 |
| 32 | -325.777 | 6.62500 | -6.25000 |
| 33 | -325.777 | 6.62500 | -6.43750 |
| 34 | -325.777 | 6.62500 | -6.62500 |
| 35 | -325.777 | 6.62500 | -6.81250 |
| 36 | -277.187 | 2.12500 | -3.00000 |
| 37 | -277.187 | 2.12500 | -4.25000 |
| 38 | -277.187 | 3.12500 | -3.00000 |
| 39 | -277.187 | 9.12500 | -3.00000 |
| 40 | -277.187 | 9.12500 | -4.25000 |
| 41 | -277.187 | 10.1250 | -3.00000 |
| 42 | -277.187 | 5.62500 | -4.25000 |
| 43 | -278.354 | 2.12500 | -4.25000 |
| 44 | -278.354 | 5.62500 | -4.25000 |
| 45 | -277.187 | 10.2050 | -4.25000 |
| 46 | -278.187 | 9.12500 | -4.25000 |
| 47 | -277.187 | 1.04500 | -4.25000 |
| 48 | -278.187 | 1.04500 | -4.25000 |
| 49 | -277.187 | 5.62500 | -5.50000 |
| 50 | -277.187 | 6.62500 | -4.25000 |
| 51 | -277.187 | 5.62500 | -7.50000 |
| 52 | -277.187 | 5.62500 | -5.75000 |
| 53 | -277.187 | 5.62500 | -6.00000 |
| 54 | -277.187 | 5.62500 | -6.25000 |
| 55 | -277.187 | 5.62500 | -6.50000 |
| 56 | -277.187 | 5.62500 | -6.75000 |
| 57 | -277.187 | 5.62500 | -7.00000 |
| 58 | -277.187 | 5.62500 | -7.25000 |
| 59 | -277.187 | 6.62500 | -5.50000 |
| 60 | -277.187 | 6.62500 | -5.75000 |
| 61 | -277.187 | 6.62500 | -6.00000 |
| 62 | -277.187 | 6.62500 | -6.25000 |
| 63 | -277.187 | 6.62500 | -6.50000 |
| 64 | -277.187 | 6.62500 | -6.75000 |
| 65 | -277.187 | 6.62500 | -7.00000 |
| 66 | -277.187 | 6.62500 | -7.25000 |
| 67 | -277.187 | 2.12500 | -2.50000 |
| 68 | -277.187 | 3.12500 | -2.50000 |
| 69 | -277.187 | 9.12500 | -2.50000 |
| 70 | -277.187 | 10.1250 | -2.50000 |
| 71 | -325.777 | 5.62500 | -8.80000 |
| 72 | -325.777 | 6.62500 | -7.00000 |
| 73 | -277.187 | 5.62500 | -9.30000 |
| 74 | -277.187 | 6.62500 | -7.50000 |
| 75 | -228.607 | 2.12500 | -3.00000 |
| 76 | -228.607 | 2.12500 | -4.25000 |
| 77 | -228.607 | 3.12500 | -3.00000 |
| 78 | -228.607 | 9.12500 | -3.00000 |
| 79 | -228.607 | 9.12500 | -4.25000 |
| 80 | -228.607 | 10.1250 | -3.00000 |
| 81 | -228.607 | 5.62500 | -4.25000 |
| 82 | -229.774 | 2.12500 | -4.25000 |
| 83 | -229.774 | 5.62500 | -4.25000 |
| 84 | -228.607 | 10.2050 | -4.25000 |
| 85 | -229.607 | 9.12500 | -4.25000 |
| 86 | -228.607 | 1.04500 | -4.25000 |
| 87 | -229.607 | 1.04500 | -4.25000 |
| 88 | -228.607 | 5.62500 | -5.50000 |
| 89 | -228.607 | 6.62500 | -4.25000 |
| 90 | -228.607 | 5.62500 | -8.00000 |
| 91 | -228.607 | 5.62500 | -5.81250 |
| 92 | -228.607 | 5.62500 | -6.12500 |
| 93 | -228.607 | 5.62500 | -6.43750 |
| 94 | -228.607 | 5.62500 | -6.75000 |
| 95 | -228.607 | 5.62500 | -7.06250 |
| 96 | -228.607 | 5.62500 | -7.37500 |
| 97 | -228.607 | 5.62500 | -7.68750 |
| 98 | -228.607 | 6.62500 | -5.50000 |
| 99 | -228.607 | 6.62500 | -5.81250 |
| 100 | -228.607 | 6.62500 | -6.12500 |
| 101 | -228.607 | 6.62500 | -6.43750 |
| 102 | -228.607 | 6.62500 | -6.75000 |
| 103 | -228.607 | 6.62500 | -7.06250 |
| 104 | -228.607 | 6.62500 | -7.37500 |
| 105 | -228.607 | 6.62500 | -7.68750 |
| 106 | -228.607 | 5.62500 | -9.80000 |
| 107 | -228.607 | 6.62500 | -8.00000 |
| 108 | -228.607 | 9.12500 | -2.50000 |
| 109 | -228.607 | 10.1250 | -2.50000 |
| 110 | -228.607 | 2.12500 | -2.50000 |
| 111 | -228.607 | 3.12500 | -2.50000 |
| 112 | -180.037 | 2.12500 | -3.00000 |
| 113 | -180.037 | 2.12500 | -4.25000 |
| 114 | -180.037 | 3.12500 | -3.00000 |
| 115 | -180.037 | 9.12500 | -3.00000 |
| 116 | -180.037 | 9.12500 | -4.25000 |
| 117 | -180.037 | 10.1250 | -3.00000 |
| 118 | -180.037 | 5.62500 | -4.25000 |
| 119 | -181.204 | 2.12500 | -4.25000 |
| 120 | -181.204 | 5.62500 | -4.25000 |
| 121 | -180.037 | 10.2050 | -4.25000 |
| 122 | -181.037 | 9.12500 | -4.25000 |
| 123 | -180.037 | 1.04500 | -4.25000 |
| 124 | -181.037 | 1.04500 | -4.25000 |
| 125 | -180.037 | 5.62500 | -5.50000 |
| 126 | -180.037 | 6.62500 | -4.25000 |

| | | | |
|-----|----------|----------|-----------|
| 127 | -180.037 | 5.62500 | -8.50000 |
| 128 | -180.037 | 5.62500 | -5.87500 |
| 129 | -180.037 | 5.62500 | -6.25000 |
| 130 | -180.037 | 5.62500 | -6.62500 |
| 131 | -180.037 | 5.62500 | -7.00000 |
| 132 | -180.037 | 5.62500 | -7.37500 |
| 133 | -180.037 | 5.62500 | -7.75000 |
| 134 | -180.037 | 5.62500 | -8.12500 |
| 135 | -180.037 | 6.62500 | -5.50000 |
| 136 | -180.037 | 6.62500 | -5.87500 |
| 137 | -180.037 | 6.62500 | -6.25000 |
| 138 | -180.037 | 6.62500 | -6.62500 |
| 139 | -180.037 | 6.62500 | -7.00000 |
| 140 | -180.037 | 6.62500 | -7.37500 |
| 141 | -180.037 | 6.62500 | -7.75000 |
| 142 | -180.037 | 6.62500 | -8.12500 |
| 143 | -180.037 | 5.62500 | -10.30000 |
| 144 | -180.037 | 6.62500 | -8.50000 |
| 145 | -180.037 | 9.12500 | -2.50000 |
| 146 | -180.037 | 10.12500 | -2.50000 |
| 147 | -180.037 | 2.12500 | -2.50000 |
| 148 | -180.037 | 3.12500 | -2.50000 |
| 149 | -131.487 | 2.12500 | -3.00000 |
| 150 | -131.487 | 2.12500 | -4.25000 |
| 151 | -131.487 | 3.12500 | -3.00000 |
| 152 | -131.487 | 9.12500 | -3.00000 |
| 153 | -131.487 | 9.12500 | -4.25000 |
| 154 | -131.487 | 10.12500 | -3.00000 |
| 155 | -131.487 | 5.62500 | -4.25000 |
| 156 | -132.654 | 2.12500 | -4.25000 |
| 157 | -132.654 | 5.62500 | -4.25000 |
| 158 | -131.487 | 10.20500 | -4.25000 |
| 159 | -132.487 | 9.12500 | -4.25000 |
| 160 | -131.487 | 1.04500 | -4.25000 |
| 161 | -132.487 | 1.04500 | -4.25000 |
| 162 | -131.487 | 5.62500 | -5.50000 |
| 163 | -131.487 | 6.62500 | -4.25000 |
| 164 | -131.487 | 5.62500 | -8.75000 |
| 165 | -131.487 | 5.62500 | -5.90625 |
| 166 | -131.487 | 5.62500 | -6.31250 |
| 167 | -131.487 | 5.62500 | -6.71875 |
| 168 | -131.487 | 5.62500 | -7.12500 |
| 169 | -131.487 | 5.62500 | -7.53125 |
| 170 | -131.487 | 5.62500 | -7.93750 |
| 171 | -131.487 | 5.62500 | -8.34375 |
| 172 | -131.487 | 6.62500 | -5.50000 |
| 173 | -131.487 | 6.62500 | -5.90625 |
| 174 | -131.487 | 6.62500 | -6.31250 |
| 175 | -131.487 | 6.62500 | -6.71875 |
| 176 | -131.487 | 6.62500 | -7.12500 |
| 177 | -131.487 | 6.62500 | -7.53125 |
| 178 | -131.487 | 6.62500 | -7.93750 |
| 179 | -131.487 | 6.62500 | -8.34375 |
| 180 | -131.487 | 5.62500 | -10.55000 |
| 181 | -131.487 | 6.62500 | -8.75000 |
| 182 | -131.487 | 9.12500 | -2.50000 |
| 183 | -131.487 | 10.12500 | -2.50000 |
| 184 | -131.487 | 2.12500 | -2.50000 |
| 185 | -131.487 | 3.12500 | -2.50000 |
| 186 | -82.9570 | 2.12500 | -3.00000 |
| 187 | -82.9570 | 2.12500 | -4.25000 |
| 188 | -82.9570 | 3.12500 | -3.00000 |
| 189 | -82.9570 | 9.12500 | -3.00000 |
| 190 | -82.9570 | 9.12500 | -4.25000 |
| 191 | -82.9570 | 10.12500 | -3.00000 |
| 192 | -82.9570 | 5.62500 | -4.25000 |
| 193 | -84.1237 | 2.12500 | -4.25000 |
| 194 | -84.1237 | 5.62500 | -4.25000 |
| 195 | -82.9570 | 10.20500 | -4.25000 |
| 196 | -83.9570 | 9.12500 | -4.25000 |
| 197 | -82.9570 | 1.04500 | -4.25000 |
| 198 | -83.9570 | 1.04500 | -4.25000 |
| 199 | -82.9570 | 5.62500 | -5.50000 |
| 200 | -82.9570 | 6.62500 | -4.25000 |
| 201 | -82.9570 | 5.62500 | -9.50000 |
| 202 | -82.9570 | 5.62500 | -6.00000 |
| 203 | -82.9570 | 5.62500 | -6.50000 |
| 204 | -82.9570 | 5.62500 | -7.00000 |
| 205 | -82.9570 | 5.62500 | -7.50000 |
| 206 | -82.9570 | 5.62500 | -8.00000 |
| 207 | -82.9570 | 5.62500 | -8.50000 |
| 208 | -82.9570 | 5.62500 | -9.00000 |
| 209 | -82.9570 | 6.62500 | -5.50000 |
| 210 | -82.9570 | 6.62500 | -6.00000 |
| 211 | -82.9570 | 6.62500 | -6.50000 |
| 212 | -82.9570 | 6.62500 | -7.00000 |
| 213 | -82.9570 | 6.62500 | -7.50000 |
| 214 | -82.9570 | 6.62500 | -8.00000 |
| 215 | -82.9570 | 6.62500 | -8.50000 |
| 216 | -82.9570 | 6.62500 | -9.00000 |
| 217 | -82.9570 | 5.62500 | -11.30000 |
| 218 | -82.9570 | 6.62500 | -9.50000 |
| 219 | -82.9570 | 9.12500 | -2.50000 |
| 220 | -82.9570 | 10.12500 | -2.50000 |
| 221 | -82.9570 | 2.12500 | -2.50000 |
| 222 | -82.9570 | 3.12500 | -2.50000 |
| 223 | -34.4470 | 2.12500 | -3.00000 |
| 224 | -34.4470 | 2.12500 | -4.25000 |
| 225 | -34.4470 | 3.12500 | -3.00000 |
| 226 | -34.4470 | 9.12500 | -3.00000 |
| 227 | -34.4470 | 9.12500 | -4.25000 |
| 228 | -34.4470 | 10.12500 | -3.00000 |
| 229 | -34.4470 | 5.62500 | -4.25000 |
| 230 | -35.6137 | 2.12500 | -4.25000 |
| 231 | -35.6137 | 5.62500 | -4.25000 |

| | | | |
|-----|----------|----------|-----------|
| 232 | -34.4470 | 10.2050 | -4.25000 |
| 233 | -35.4470 | 9.12500 | -4.25000 |
| 234 | -34.4470 | 1.04500 | -4.25000 |
| 235 | -35.4470 | 1.04500 | -4.25000 |
| 236 | -34.4470 | 5.62500 | -5.50000 |
| 237 | -34.4470 | 6.62500 | -4.25000 |
| 238 | -34.4470 | 5.62500 | -9.75000 |
| 239 | -34.4470 | 5.62500 | -6.03125 |
| 240 | -34.4470 | 5.62500 | -6.56250 |
| 241 | -34.4470 | 5.62500 | -7.09375 |
| 242 | -34.4470 | 5.62500 | -7.62500 |
| 243 | -34.4470 | 5.62500 | -8.15625 |
| 244 | -34.4470 | 5.62500 | -8.68750 |
| 245 | -34.4470 | 5.62500 | -9.21875 |
| 246 | -34.4470 | 6.62500 | -5.50000 |
| 247 | -34.4470 | 6.62500 | -6.03125 |
| 248 | -34.4470 | 6.62500 | -6.56250 |
| 249 | -34.4470 | 6.62500 | -7.09375 |
| 250 | -34.4470 | 6.62500 | -7.62500 |
| 251 | -34.4470 | 6.62500 | -8.15625 |
| 252 | -34.4470 | 6.62500 | -8.68750 |
| 253 | -34.4470 | 6.62500 | -9.21875 |
| 254 | -34.4470 | 5.62500 | -11.55000 |
| 255 | -34.4470 | 6.62500 | -9.75000 |
| 256 | -34.4470 | 9.12500 | -2.50000 |
| 257 | -34.4470 | 10.12500 | -2.50000 |
| 258 | -34.4470 | 2.12500 | -2.50000 |
| 259 | -34.4470 | 3.12500 | -2.50000 |
| 260 | 33.5470 | 2.12500 | -3.00000 |
| 261 | 33.5470 | 2.12500 | -4.25000 |
| 262 | 33.5470 | 3.12500 | -3.00000 |
| 263 | 33.5470 | 9.12500 | -3.00000 |
| 264 | 33.5470 | 9.12500 | -4.25000 |
| 265 | 33.5470 | 10.12500 | -3.00000 |
| 266 | 33.5470 | 5.62500 | -4.25000 |
| 267 | 32.3803 | 2.12500 | -4.25000 |
| 268 | 32.3803 | 5.62500 | -4.25000 |
| 269 | 33.5470 | 10.20500 | -4.25000 |
| 270 | 32.5470 | 9.12500 | -4.25000 |
| 271 | 33.5470 | 1.04500 | -4.25000 |
| 272 | 32.5470 | 1.04500 | -4.25000 |
| 273 | 33.5470 | 5.62500 | -5.50000 |
| 274 | 33.5470 | 6.62500 | -4.25000 |
| 275 | 33.5470 | 5.62500 | -10.00000 |
| 276 | 33.5470 | 5.62500 | -6.06250 |
| 277 | 33.5470 | 5.62500 | -6.62500 |
| 278 | 33.5470 | 5.62500 | -7.18750 |
| 279 | 33.5470 | 5.62500 | -7.75000 |
| 280 | 33.5470 | 5.62500 | -8.31250 |
| 281 | 33.5470 | 5.62500 | -8.87500 |
| 282 | 33.5470 | 5.62500 | -9.43750 |
| 283 | 33.5470 | 6.62500 | -5.50000 |
| 284 | 33.5470 | 6.62500 | -6.06250 |
| 285 | 33.5470 | 6.62500 | -6.62500 |
| 286 | 33.5470 | 6.62500 | -7.18750 |
| 287 | 33.5470 | 6.62500 | -7.75000 |
| 288 | 33.5470 | 6.62500 | -8.31250 |
| 289 | 33.5470 | 6.62500 | -8.87500 |
| 290 | 33.5470 | 6.62500 | -9.43750 |
| 291 | 33.5470 | 5.62500 | -11.80000 |
| 292 | 33.5470 | 6.62500 | -10.00000 |
| 293 | 33.5470 | 9.12500 | -2.50000 |
| 294 | 33.5470 | 10.12500 | -2.50000 |
| 295 | 33.5470 | 2.12500 | -2.50000 |
| 296 | 33.5470 | 3.12500 | -2.50000 |
| 297 | 82.0570 | 2.12500 | -3.00000 |
| 298 | 82.0570 | 2.12500 | -4.25000 |
| 299 | 82.0570 | 3.12500 | -3.00000 |
| 300 | 82.0570 | 9.12500 | -3.00000 |
| 301 | 82.0570 | 9.12500 | -4.25000 |
| 302 | 82.0570 | 10.12500 | -3.00000 |
| 303 | 82.0570 | 5.62500 | -4.25000 |
| 304 | 80.8903 | 2.12500 | -4.25000 |
| 305 | 80.8903 | 5.62500 | -4.25000 |
| 306 | 82.0570 | 10.20500 | -4.25000 |
| 307 | 81.0570 | 9.12500 | -4.25000 |
| 308 | 82.0570 | 1.04500 | -4.25000 |
| 309 | 81.0570 | 1.04500 | -4.25000 |
| 310 | 82.0570 | 5.62500 | -5.50000 |
| 311 | 82.0570 | 6.62500 | -4.25000 |
| 312 | 82.0570 | 5.62500 | -9.50000 |
| 313 | 82.0570 | 5.62500 | -6.00000 |
| 314 | 82.0570 | 5.62500 | -6.50000 |
| 315 | 82.0570 | 5.62500 | -7.00000 |
| 316 | 82.0570 | 5.62500 | -7.50000 |
| 317 | 82.0570 | 5.62500 | -8.00000 |
| 318 | 82.0570 | 5.62500 | -8.50000 |
| 319 | 82.0570 | 5.62500 | -9.00000 |
| 320 | 82.0570 | 6.62500 | -5.50000 |
| 321 | 82.0570 | 6.62500 | -6.00000 |
| 322 | 82.0570 | 6.62500 | -6.50000 |
| 323 | 82.0570 | 6.62500 | -7.00000 |
| 324 | 82.0570 | 6.62500 | -7.50000 |
| 325 | 82.0570 | 6.62500 | -8.00000 |
| 326 | 82.0570 | 6.62500 | -8.50000 |
| 327 | 82.0570 | 6.62500 | -9.00000 |
| 328 | 82.0570 | 5.62500 | -11.30000 |
| 329 | 82.0570 | 6.62500 | -9.50000 |
| 330 | 82.0570 | 9.12500 | -2.50000 |
| 331 | 82.0570 | 10.12500 | -2.50000 |
| 332 | 82.0570 | 2.12500 | -2.50000 |
| 333 | 82.0570 | 3.12500 | -2.50000 |
| 334 | 130.587 | 2.12500 | -3.00000 |
| 335 | 130.587 | 2.12500 | -4.25000 |
| 336 | 130.587 | 3.12500 | -3.00000 |

| | | | |
|-----|---------|---------|----------|
| 337 | 130.587 | 9.12500 | -3.00000 |
| 338 | 130.587 | 9.12500 | -4.25000 |
| 339 | 130.587 | 10.1250 | -3.00000 |
| 340 | 130.587 | 5.62500 | -4.25000 |
| 341 | 129.420 | 2.12500 | -4.25000 |
| 342 | 129.420 | 5.62500 | -4.25000 |
| 343 | 130.587 | 10.2050 | -4.25000 |
| 344 | 129.587 | 9.12500 | -4.25000 |
| 345 | 130.587 | 1.04500 | -4.25000 |
| 346 | 129.587 | 1.04500 | -4.25000 |
| 347 | 130.587 | 5.62500 | -5.50000 |
| 348 | 130.587 | 6.62500 | -4.25000 |
| 349 | 130.587 | 5.62500 | -9.50000 |
| 350 | 130.587 | 5.62500 | -6.00000 |
| 351 | 130.587 | 5.62500 | -6.50000 |
| 352 | 130.587 | 5.62500 | -7.00000 |
| 353 | 130.587 | 5.62500 | -7.50000 |
| 354 | 130.587 | 5.62500 | -8.00000 |
| 355 | 130.587 | 5.62500 | -8.50000 |
| 356 | 130.587 | 5.62500 | -9.00000 |
| 357 | 130.587 | 6.62500 | -5.50000 |
| 358 | 130.587 | 6.62500 | -6.00000 |
| 359 | 130.587 | 6.62500 | -6.50000 |
| 360 | 130.587 | 6.62500 | -7.00000 |
| 361 | 130.587 | 6.62500 | -7.50000 |
| 362 | 130.587 | 6.62500 | -8.00000 |
| 363 | 130.587 | 6.62500 | -8.50000 |
| 364 | 130.587 | 6.62500 | -9.00000 |
| 365 | 130.587 | 5.62500 | -11.3000 |
| 366 | 130.587 | 6.62500 | -9.50000 |
| 367 | 130.587 | 9.12500 | -2.50000 |
| 368 | 130.587 | 10.1250 | -2.50000 |
| 369 | 130.587 | 2.12500 | -2.50000 |
| 370 | 130.587 | 3.12500 | -2.50000 |
| 371 | 179.137 | 2.12500 | -3.00000 |
| 372 | 179.137 | 2.12500 | -4.25000 |
| 373 | 179.137 | 3.12500 | -3.00000 |
| 374 | 179.137 | 9.12500 | -3.00000 |
| 375 | 179.137 | 9.12500 | -4.25000 |
| 376 | 179.137 | 10.1250 | -3.00000 |
| 377 | 179.137 | 5.62500 | -4.25000 |
| 378 | 177.970 | 2.12500 | -4.25000 |
| 379 | 177.970 | 5.62500 | -4.25000 |
| 380 | 179.137 | 10.2050 | -4.25000 |
| 381 | 178.137 | 9.12500 | -4.25000 |
| 382 | 179.137 | 1.04500 | -4.25000 |
| 383 | 178.137 | 1.04500 | -4.25000 |
| 384 | 179.137 | 5.62500 | -5.50000 |
| 385 | 179.137 | 6.62500 | -4.25000 |
| 386 | 179.137 | 5.62500 | -9.25000 |
| 387 | 179.137 | 5.62500 | -5.96875 |
| 388 | 179.137 | 5.62500 | -6.43750 |
| 389 | 179.137 | 5.62500 | -6.90625 |
| 390 | 179.137 | 5.62500 | -7.37500 |
| 391 | 179.137 | 5.62500 | -7.84375 |
| 392 | 179.137 | 5.62500 | -8.31250 |
| 393 | 179.137 | 5.62500 | -8.78125 |
| 394 | 179.137 | 6.62500 | -5.50000 |
| 395 | 179.137 | 6.62500 | -5.96875 |
| 396 | 179.137 | 6.62500 | -6.43750 |
| 397 | 179.137 | 6.62500 | -6.90625 |
| 398 | 179.137 | 6.62500 | -7.37500 |
| 399 | 179.137 | 6.62500 | -7.84375 |
| 400 | 179.137 | 6.62500 | -8.31250 |
| 401 | 179.137 | 6.62500 | -8.78125 |
| 402 | 179.137 | 5.62500 | -11.0500 |
| 403 | 179.137 | 6.62500 | -9.25000 |
| 404 | 179.137 | 9.12500 | -2.50000 |
| 405 | 179.137 | 10.1250 | -2.50000 |
| 406 | 179.137 | 2.12500 | -2.50000 |
| 407 | 179.137 | 3.12500 | -2.50000 |
| 408 | 227.707 | 2.12500 | -3.00000 |
| 409 | 227.707 | 2.12500 | -4.25000 |
| 410 | 227.707 | 3.12500 | -3.00000 |
| 411 | 227.707 | 9.12500 | -3.00000 |
| 412 | 227.707 | 9.12500 | -4.25000 |
| 413 | 227.707 | 10.1250 | -3.00000 |
| 414 | 227.707 | 5.62500 | -4.25000 |
| 415 | 226.540 | 2.12500 | -4.25000 |
| 416 | 226.540 | 5.62500 | -4.25000 |
| 417 | 227.707 | 10.2050 | -4.25000 |
| 418 | 226.707 | 9.12500 | -4.25000 |
| 419 | 227.707 | 1.04500 | -4.25000 |
| 420 | 226.707 | 1.04500 | -4.25000 |
| 421 | 227.707 | 5.62500 | -5.50000 |
| 422 | 227.707 | 6.62500 | -4.25000 |
| 423 | 227.707 | 5.62500 | -8.50000 |
| 424 | 227.707 | 5.62500 | -5.87500 |
| 425 | 227.707 | 5.62500 | -6.25000 |
| 426 | 227.707 | 5.62500 | -6.62500 |
| 427 | 227.707 | 5.62500 | -7.00000 |
| 428 | 227.707 | 5.62500 | -7.37500 |
| 429 | 227.707 | 5.62500 | -7.75000 |
| 430 | 227.707 | 5.62500 | -8.12500 |
| 431 | 227.707 | 6.62500 | -5.50000 |
| 432 | 227.707 | 6.62500 | -5.87500 |
| 433 | 227.707 | 6.62500 | -6.25000 |
| 434 | 227.707 | 6.62500 | -6.62500 |
| 435 | 227.707 | 6.62500 | -7.00000 |
| 436 | 227.707 | 6.62500 | -7.37500 |
| 437 | 227.707 | 6.62500 | -7.75000 |
| 438 | 227.707 | 6.62500 | -8.12500 |
| 439 | 227.707 | 5.62500 | -10.3000 |
| 440 | 227.707 | 6.62500 | -8.50000 |
| 441 | 227.707 | 9.12500 | -2.50000 |

| | | | |
|-----|---------|---------|----------|
| 442 | 227.707 | 10.1250 | -2.50000 |
| 443 | 227.707 | 2.12500 | -2.50000 |
| 444 | 227.707 | 3.12500 | -2.50000 |
| 445 | 276.287 | 2.12500 | -3.00000 |
| 446 | 276.287 | 2.12500 | -4.25000 |
| 447 | 276.287 | 3.12500 | -3.00000 |
| 448 | 276.287 | 9.12500 | -3.00000 |
| 449 | 276.287 | 9.12500 | -4.25000 |
| 450 | 276.287 | 10.1250 | -3.00000 |
| 451 | 276.287 | 5.62500 | -4.25000 |
| 452 | 275.120 | 2.12500 | -4.25000 |
| 453 | 275.120 | 5.62500 | -4.25000 |
| 454 | 276.287 | 10.2050 | -4.25000 |
| 455 | 275.287 | 9.12500 | -4.25000 |
| 456 | 276.287 | 1.04500 | -4.25000 |
| 457 | 275.287 | 1.04500 | -4.25000 |
| 458 | 276.287 | 5.62500 | -5.50000 |
| 459 | 276.287 | 6.62500 | -4.25000 |
| 460 | 276.287 | 5.62500 | -8.50000 |
| 461 | 276.287 | 5.62500 | -5.87500 |
| 462 | 276.287 | 5.62500 | -6.25000 |
| 463 | 276.287 | 5.62500 | -6.62500 |
| 464 | 276.287 | 5.62500 | -7.00000 |
| 465 | 276.287 | 5.62500 | -7.37500 |
| 466 | 276.287 | 5.62500 | -7.75000 |
| 467 | 276.287 | 5.62500 | -8.12500 |
| 468 | 276.287 | 6.62500 | -5.50000 |
| 469 | 276.287 | 6.62500 | -5.87500 |
| 470 | 276.287 | 6.62500 | -6.25000 |
| 471 | 276.287 | 6.62500 | -6.62500 |
| 472 | 276.287 | 6.62500 | -7.00000 |
| 473 | 276.287 | 6.62500 | -7.37500 |
| 474 | 276.287 | 6.62500 | -7.75000 |
| 475 | 276.287 | 6.62500 | -8.12500 |
| 476 | 276.287 | 5.62500 | -10.3000 |
| 477 | 276.287 | 6.62500 | -8.50000 |
| 478 | 276.287 | 9.12500 | -2.50000 |
| 479 | 276.287 | 10.1250 | -2.50000 |
| 480 | 276.287 | 2.12500 | -2.50000 |
| 481 | 276.287 | 3.12500 | -2.50000 |
| 482 | 324.877 | 2.12500 | -3.00000 |
| 483 | 324.877 | 2.12500 | -4.25000 |
| 484 | 324.877 | 3.12500 | -3.00000 |
| 485 | 324.877 | 9.12500 | -3.00000 |
| 486 | 324.877 | 9.12500 | -4.25000 |
| 487 | 324.877 | 10.1250 | -3.00000 |
| 488 | 324.877 | 5.62500 | -4.25000 |
| 489 | 323.710 | 2.12500 | -4.25000 |
| 490 | 323.710 | 5.62500 | -4.25000 |
| 491 | 324.877 | 10.2050 | -4.25000 |
| 492 | 323.877 | 9.12500 | -4.25000 |
| 493 | 324.877 | 1.04500 | -4.25000 |
| 494 | 323.877 | 1.04500 | -4.25000 |
| 495 | 324.877 | 5.62500 | -5.50000 |
| 496 | 324.877 | 6.62500 | -4.25000 |
| 497 | 324.877 | 5.62500 | -8.75000 |
| 498 | 324.877 | 5.62500 | -5.90625 |
| 499 | 324.877 | 5.62500 | -6.31250 |
| 500 | 324.877 | 5.62500 | -6.71875 |
| 501 | 324.877 | 5.62500 | -7.12500 |
| 502 | 324.877 | 5.62500 | -7.53125 |
| 503 | 324.877 | 5.62500 | -7.93750 |
| 504 | 324.877 | 5.62500 | -8.34375 |
| 505 | 324.877 | 6.62500 | -5.50000 |
| 506 | 324.877 | 6.62500 | -5.90625 |
| 507 | 324.877 | 6.62500 | -6.31250 |
| 508 | 324.877 | 6.62500 | -6.71875 |
| 509 | 324.877 | 6.62500 | -7.12500 |
| 510 | 324.877 | 6.62500 | -7.53125 |
| 511 | 324.877 | 6.62500 | -7.93750 |
| 512 | 324.877 | 6.62500 | -8.34375 |
| 513 | 324.877 | 5.62500 | -10.5500 |
| 514 | 324.877 | 6.62500 | -8.75000 |
| 515 | 324.877 | 9.12500 | -2.50000 |
| 516 | 324.877 | 10.1250 | -2.50000 |
| 517 | 324.877 | 2.12500 | -2.50000 |
| 518 | 324.877 | 3.12500 | -2.50000 |
| 519 | 373.578 | 2.12500 | -3.00000 |
| 520 | 373.578 | 2.12500 | -4.25000 |
| 521 | 373.578 | 3.12500 | -3.00000 |
| 522 | 373.578 | 9.12500 | -3.00000 |
| 523 | 373.578 | 9.12500 | -4.25000 |
| 524 | 373.578 | 10.1250 | -3.00000 |
| 525 | 373.578 | 5.62500 | -4.25000 |
| 526 | 372.411 | 2.12500 | -4.25000 |
| 527 | 372.411 | 5.62500 | -4.25000 |
| 528 | 373.578 | 10.2050 | -4.25000 |
| 529 | 372.578 | 9.12500 | -4.25000 |
| 530 | 373.578 | 1.04500 | -4.25000 |
| 531 | 372.578 | 1.04500 | -4.25000 |
| 532 | 373.578 | 5.62500 | -5.50000 |
| 533 | 373.578 | 6.62500 | -4.25000 |
| 534 | 373.578 | 5.62500 | -8.75000 |
| 535 | 373.578 | 5.62500 | -5.90625 |
| 536 | 373.578 | 5.62500 | -6.31250 |
| 537 | 373.578 | 5.62500 | -6.71875 |
| 538 | 373.578 | 5.62500 | -7.12500 |
| 539 | 373.578 | 5.62500 | -7.53125 |
| 540 | 373.578 | 5.62500 | -7.93750 |
| 541 | 373.578 | 5.62500 | -8.34375 |
| 542 | 373.578 | 6.62500 | -5.50000 |
| 543 | 373.578 | 6.62500 | -5.90625 |
| 544 | 373.578 | 6.62500 | -6.31250 |
| 545 | 373.578 | 6.62500 | -6.71875 |
| 546 | 373.578 | 6.62500 | -7.12500 |

| | | | |
|-----|-----------|---------|--------------|
| 547 | 373.578 | 6.62500 | -7.53125 |
| 548 | 373.578 | 6.62500 | -7.93750 |
| 549 | 373.578 | 6.62500 | -8.34375 |
| 550 | 373.578 | 5.62500 | -10.5500 |
| 551 | 373.578 | 6.62500 | -8.75000 |
| 552 | 373.578 | 9.12500 | -2.50000 |
| 553 | 373.578 | 10.1250 | -2.50000 |
| 554 | 373.578 | 2.12500 | -2.50000 |
| 555 | 373.578 | 3.12500 | -2.50000 |
| 556 | -0.447000 | 2.12500 | -4.25000 |
| 557 | -0.447000 | 5.62500 | -4.25000 |
| 558 | -1.61367 | 2.12500 | -4.25000 |
| 559 | -0.447000 | 9.12500 | -4.25000 |
| 560 | -1.61367 | 5.62500 | -4.25000 |
| 561 | -0.447000 | 10.2050 | -4.25000 |
| 562 | -1.44700 | 9.12500 | -4.25000 |
| 563 | -0.447000 | 1.04500 | -4.25000 |
| 564 | -1.44700 | 1.04500 | -4.25000 |
| 565 | -0.447000 | 5.62500 | -5.50000 |
| 566 | -0.447000 | 6.62500 | -4.25000 |
| 567 | -0.447000 | 5.62500 | -10.3000 |
| 568 | -0.447000 | 5.62500 | -6.10000 |
| 569 | -0.447000 | 5.62500 | -6.70000 |
| 570 | -0.447000 | 5.62500 | -7.30000 |
| 571 | -0.447000 | 5.62500 | -7.90000 |
| 572 | -0.447000 | 5.62500 | -8.50000 |
| 573 | -0.447000 | 5.62500 | -9.10000 |
| 574 | -0.447000 | 5.62500 | -9.70000 |
| 575 | -0.447000 | 6.62500 | -5.50000 |
| 576 | -0.447000 | 6.62500 | -6.10000 |
| 577 | -0.447000 | 6.62500 | -6.70000 |
| 578 | -0.447000 | 6.62500 | -7.30000 |
| 579 | -0.447000 | 6.62500 | -7.90000 |
| 580 | -0.447000 | 6.62500 | -8.50000 |
| 581 | -0.447000 | 6.62500 | -9.10000 |
| 582 | -0.447000 | 6.62500 | -9.70000 |
| 583 | -0.447000 | 5.62500 | -12.3000 |
| 584 | -0.447000 | 6.62500 | -10.3000 |
| 585 | -1.40000 | 9.12500 | -4.25000 |
| 586 | -1.40000 | 10.1250 | -4.25000 |
| 587 | 0.500000 | 9.12500 | -4.25000 |
| 588 | -0.447000 | 10.1250 | -4.25000 |
| 589 | -1.40000 | 2.12500 | -4.25000 |
| 590 | -1.40000 | 3.12500 | -4.25000 |
| 591 | 0.500000 | 2.12500 | -4.25000 |
| 592 | -0.447000 | 3.12500 | -4.25000 |
| 593 | 0.500000 | 2.12500 | -2.50000 |
| 594 | 0.500000 | 2.12500 | -3.00000 |
| 595 | 0.500000 | 3.12500 | -2.50000 |
| 596 | 0.500000 | 3.12500 | -3.00000 |
| 597 | -1.40000 | 2.12500 | -2.50000 |
| 598 | -1.40000 | 2.12500 | -3.00000 |
| 599 | -1.40000 | 3.12500 | -2.50000 |
| 600 | -1.40000 | 3.12500 | -3.00000 |
| 601 | 0.500000 | 9.12500 | -2.50000 |
| 602 | 0.500000 | 9.12500 | -3.00000 |
| 603 | 0.500000 | 10.1250 | -2.50000 |
| 604 | 0.500000 | 10.1250 | -3.00000 |
| 605 | -1.40000 | 9.12500 | -2.50000 |
| 606 | -1.40000 | 9.12500 | -3.00000 |
| 607 | -1.40000 | 10.1250 | -2.50000 |
| 608 | -1.40000 | 10.1250 | -3.00000 |
| 609 | -359.809 | 2.12500 | 0.000000E+00 |
| 610 | -359.809 | 2.12500 | -2.50000 |
| 611 | -359.809 | 3.12500 | 0.000000E+00 |
| 612 | -325.777 | 2.12500 | 0.000000E+00 |
| 613 | -325.777 | 2.12500 | -2.50000 |
| 614 | -325.777 | 3.12500 | 0.000000E+00 |
| 615 | -277.187 | 2.12500 | 0.000000E+00 |
| 616 | -277.187 | 2.12500 | -2.50000 |
| 617 | -277.187 | 3.12500 | 0.000000E+00 |
| 618 | -228.607 | 2.12500 | 0.000000E+00 |
| 619 | -228.607 | 2.12500 | -2.50000 |
| 620 | -228.607 | 3.12500 | 0.000000E+00 |
| 621 | -180.037 | 2.12500 | 0.000000E+00 |
| 622 | -180.037 | 2.12500 | -2.50000 |
| 623 | -180.037 | 3.12500 | 0.000000E+00 |
| 624 | -131.487 | 2.12500 | 0.000000E+00 |
| 625 | -131.487 | 2.12500 | -2.50000 |
| 626 | -131.487 | 3.12500 | 0.000000E+00 |
| 627 | -82.9570 | 2.12500 | 0.000000E+00 |
| 628 | -82.9570 | 2.12500 | -2.50000 |
| 629 | -82.9570 | 3.12500 | 0.000000E+00 |
| 630 | -34.4470 | 2.12500 | 0.000000E+00 |
| 631 | -34.4470 | 2.12500 | -2.50000 |
| 632 | -34.4470 | 3.12500 | 0.000000E+00 |
| 633 | -1.40000 | 2.12500 | 0.000000E+00 |
| 634 | -1.40000 | 2.12500 | -2.50000 |
| 635 | -1.40000 | 3.12500 | 0.000000E+00 |
| 636 | 0.500000 | 2.12500 | 0.000000E+00 |
| 637 | 0.500000 | 2.12500 | -2.50000 |
| 638 | 0.500000 | 3.12500 | 0.000000E+00 |
| 639 | 33.5470 | 2.12500 | 0.000000E+00 |
| 640 | 33.5470 | 2.12500 | -2.50000 |
| 641 | 33.5470 | 3.12500 | 0.000000E+00 |
| 642 | 82.0570 | 2.12500 | 0.000000E+00 |
| 643 | 82.0570 | 2.12500 | -2.50000 |
| 644 | 82.0570 | 3.12500 | 0.000000E+00 |
| 645 | 130.587 | 2.12500 | 0.000000E+00 |
| 646 | 130.587 | 2.12500 | -2.50000 |
| 647 | 130.587 | 3.12500 | 0.000000E+00 |
| 648 | 179.137 | 2.12500 | 0.000000E+00 |
| 649 | 179.137 | 2.12500 | -2.50000 |
| 650 | 179.137 | 3.12500 | 0.000000E+00 |
| 651 | 227.707 | 2.12500 | 0.000000E+00 |

| | | | |
|-----|----------|----------|--------------|
| 652 | 227.707 | 2.12500 | -2.50000 |
| 653 | 227.707 | 3.12500 | 0.000000E+00 |
| 654 | 276.287 | 2.12500 | 0.000000E+00 |
| 655 | 276.287 | 2.12500 | -2.50000 |
| 656 | 276.287 | 3.12500 | 0.000000E+00 |
| 657 | 324.877 | 2.12500 | 0.000000E+00 |
| 658 | 324.877 | 2.12500 | -2.50000 |
| 659 | 324.877 | 3.12500 | 0.000000E+00 |
| 660 | 373.578 | 2.12500 | 0.000000E+00 |
| 661 | 373.578 | 2.12500 | -2.50000 |
| 662 | 373.578 | 3.12500 | 0.000000E+00 |
| 663 | 407.610 | 2.12500 | 0.000000E+00 |
| 664 | 407.610 | 2.12500 | -2.50000 |
| 665 | 407.610 | 3.12500 | 0.000000E+00 |
| 666 | -359.809 | 9.12500 | 0.000000E+00 |
| 667 | -359.809 | 9.12500 | -2.50000 |
| 668 | -359.809 | 10.12500 | 0.000000E+00 |
| 669 | -325.777 | 9.12500 | 0.000000E+00 |
| 670 | -325.777 | 9.12500 | -2.50000 |
| 671 | -325.777 | 10.12500 | 0.000000E+00 |
| 672 | -277.187 | 9.12500 | 0.000000E+00 |
| 673 | -277.187 | 9.12500 | -2.50000 |
| 674 | -277.187 | 10.12500 | 0.000000E+00 |
| 675 | -228.607 | 9.12500 | 0.000000E+00 |
| 676 | -228.607 | 9.12500 | -2.50000 |
| 677 | -228.607 | 10.12500 | 0.000000E+00 |
| 678 | -180.037 | 9.12500 | 0.000000E+00 |
| 679 | -180.037 | 9.12500 | -2.50000 |
| 680 | -180.037 | 10.12500 | 0.000000E+00 |
| 681 | -131.487 | 9.12500 | 0.000000E+00 |
| 682 | -131.487 | 9.12500 | -2.50000 |
| 683 | -131.487 | 10.12500 | 0.000000E+00 |
| 684 | -82.9570 | 9.12500 | 0.000000E+00 |
| 685 | -82.9570 | 9.12500 | -2.50000 |
| 686 | -82.9570 | 10.12500 | 0.000000E+00 |
| 687 | -34.4470 | 9.12500 | 0.000000E+00 |
| 688 | -34.4470 | 9.12500 | -2.50000 |
| 689 | -34.4470 | 10.12500 | 0.000000E+00 |
| 690 | -1.40000 | 9.12500 | 0.000000E+00 |
| 691 | -1.40000 | 9.12500 | -2.50000 |
| 692 | -1.40000 | 10.12500 | 0.000000E+00 |
| 693 | 0.500000 | 9.12500 | 0.000000E+00 |
| 694 | 0.500000 | 9.12500 | -2.50000 |
| 695 | 0.500000 | 10.12500 | 0.000000E+00 |
| 696 | 33.5470 | 9.12500 | 0.000000E+00 |
| 697 | 33.5470 | 9.12500 | -2.50000 |
| 698 | 33.5470 | 10.12500 | 0.000000E+00 |
| 699 | 82.0570 | 9.12500 | 0.000000E+00 |
| 700 | 82.0570 | 9.12500 | -2.50000 |
| 701 | 82.0570 | 10.12500 | 0.000000E+00 |
| 702 | 130.587 | 9.12500 | 0.000000E+00 |
| 703 | 130.587 | 9.12500 | -2.50000 |
| 704 | 130.587 | 10.12500 | 0.000000E+00 |
| 705 | 179.137 | 9.12500 | 0.000000E+00 |
| 706 | 179.137 | 9.12500 | -2.50000 |
| 707 | 179.137 | 10.12500 | 0.000000E+00 |
| 708 | 227.707 | 9.12500 | 0.000000E+00 |
| 709 | 227.707 | 9.12500 | -2.50000 |
| 710 | 227.707 | 10.12500 | 0.000000E+00 |
| 711 | 276.287 | 9.12500 | 0.000000E+00 |
| 712 | 276.287 | 9.12500 | -2.50000 |
| 713 | 276.287 | 10.12500 | 0.000000E+00 |
| 714 | 324.877 | 9.12500 | 0.000000E+00 |
| 715 | 324.877 | 9.12500 | -2.50000 |
| 716 | 324.877 | 10.12500 | 0.000000E+00 |
| 717 | 373.578 | 9.12500 | 0.000000E+00 |
| 718 | 373.578 | 9.12500 | -2.50000 |
| 719 | 373.578 | 10.12500 | 0.000000E+00 |
| 720 | -357.476 | 9.12500 | 0.000000E+00 |
| 721 | 278.620 | 9.12500 | 0.000000E+00 |
| 722 | 327.210 | 9.12500 | 0.000000E+00 |
| 723 | 375.911 | 9.12500 | 0.000000E+00 |
| 724 | 407.610 | 9.12500 | 0.000000E+00 |
| 725 | 409.943 | 9.12500 | 0.000000E+00 |
| 726 | -354.947 | 9.12500 | 0.000000E+00 |
| 727 | -354.947 | 2.12500 | 0.000000E+00 |
| 728 | -352.614 | 9.12500 | 0.000000E+00 |
| 729 | -350.086 | 9.12500 | 0.000000E+00 |
| 730 | -350.086 | 2.12500 | 0.000000E+00 |
| 731 | -347.752 | 9.12500 | 0.000000E+00 |
| 732 | -345.224 | 9.12500 | 0.000000E+00 |
| 733 | -345.224 | 2.12500 | 0.000000E+00 |
| 734 | -342.891 | 9.12500 | 0.000000E+00 |
| 735 | -340.362 | 9.12500 | 0.000000E+00 |
| 736 | -340.362 | 2.12500 | 0.000000E+00 |
| 737 | -338.029 | 9.12500 | 0.000000E+00 |
| 738 | -335.500 | 9.12500 | 0.000000E+00 |
| 739 | -335.500 | 2.12500 | 0.000000E+00 |
| 740 | -333.167 | 9.12500 | 0.000000E+00 |
| 741 | -330.639 | 9.12500 | 0.000000E+00 |
| 742 | -330.639 | 2.12500 | 0.000000E+00 |
| 743 | -328.305 | 9.12500 | 0.000000E+00 |
| 744 | -29.7260 | 9.12500 | 0.000000E+00 |
| 745 | -29.7260 | 2.12500 | 0.000000E+00 |
| 746 | -27.3927 | 9.12500 | 0.000000E+00 |
| 747 | -25.0050 | 9.12500 | 0.000000E+00 |
| 748 | -25.0050 | 2.12500 | 0.000000E+00 |
| 749 | -22.6717 | 9.12500 | 0.000000E+00 |
| 750 | -20.2840 | 9.12500 | 0.000000E+00 |
| 751 | -20.2840 | 2.12500 | 0.000000E+00 |
| 752 | -17.9507 | 9.12500 | 0.000000E+00 |
| 753 | -15.5630 | 9.12500 | 0.000000E+00 |
| 754 | -15.5630 | 2.12500 | 0.000000E+00 |
| 755 | -13.2297 | 9.12500 | 0.000000E+00 |
| 756 | -10.8420 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 757 | -10.8420 | 2.12500 | 0.000000E+00 |
| 758 | -8.50867 | 9.12500 | 0.000000E+00 |
| 759 | -6.12100 | 9.12500 | 0.000000E+00 |
| 760 | -6.12100 | 2.12500 | 0.000000E+00 |
| 761 | -3.78767 | 9.12500 | 0.000000E+00 |
| 762 | 5.22100 | 9.12500 | 0.000000E+00 |
| 763 | 5.22100 | 2.12500 | 0.000000E+00 |
| 764 | 7.55433 | 9.12500 | 0.000000E+00 |
| 765 | 9.94200 | 9.12500 | 0.000000E+00 |
| 766 | 9.94200 | 2.12500 | 0.000000E+00 |
| 767 | 12.2753 | 9.12500 | 0.000000E+00 |
| 768 | 14.6630 | 9.12500 | 0.000000E+00 |
| 769 | 14.6630 | 2.12500 | 0.000000E+00 |
| 770 | 16.9963 | 9.12500 | 0.000000E+00 |
| 771 | 19.3840 | 9.12500 | 0.000000E+00 |
| 772 | 19.3840 | 2.12500 | 0.000000E+00 |
| 773 | 21.7173 | 9.12500 | 0.000000E+00 |
| 774 | 24.1050 | 9.12500 | 0.000000E+00 |
| 775 | 24.1050 | 2.12500 | 0.000000E+00 |
| 776 | 26.4383 | 9.12500 | 0.000000E+00 |
| 777 | 28.8260 | 9.12500 | 0.000000E+00 |
| 778 | 28.8260 | 2.12500 | 0.000000E+00 |
| 779 | 31.1593 | 9.12500 | 0.000000E+00 |
| 780 | 378.440 | 9.12500 | 0.000000E+00 |
| 781 | 378.440 | 2.12500 | 0.000000E+00 |
| 782 | 380.773 | 9.12500 | 0.000000E+00 |
| 783 | 383.301 | 9.12500 | 0.000000E+00 |
| 784 | 383.301 | 2.12500 | 0.000000E+00 |
| 785 | 385.635 | 9.12500 | 0.000000E+00 |
| 786 | 388.163 | 9.12500 | 0.000000E+00 |
| 787 | 388.163 | 2.12500 | 0.000000E+00 |
| 788 | 390.496 | 9.12500 | 0.000000E+00 |
| 789 | 393.025 | 9.12500 | 0.000000E+00 |
| 790 | 393.025 | 2.12500 | 0.000000E+00 |
| 791 | 395.358 | 9.12500 | 0.000000E+00 |
| 792 | 397.887 | 9.12500 | 0.000000E+00 |
| 793 | 397.887 | 2.12500 | 0.000000E+00 |
| 794 | 400.220 | 9.12500 | 0.000000E+00 |
| 795 | 402.748 | 9.12500 | 0.000000E+00 |
| 796 | 402.748 | 2.12500 | 0.000000E+00 |
| 797 | 405.082 | 9.12500 | 0.000000E+00 |
| 798 | -320.918 | 9.12500 | 0.000000E+00 |
| 799 | -320.918 | 2.12500 | 0.000000E+00 |
| 800 | -318.585 | 9.12500 | 0.000000E+00 |
| 801 | -316.059 | 9.12500 | 0.000000E+00 |
| 802 | -316.059 | 2.12500 | 0.000000E+00 |
| 803 | -313.726 | 9.12500 | 0.000000E+00 |
| 804 | -311.200 | 9.12500 | 0.000000E+00 |
| 805 | -311.200 | 2.12500 | 0.000000E+00 |
| 806 | -308.867 | 9.12500 | 0.000000E+00 |
| 807 | -306.341 | 9.12500 | 0.000000E+00 |
| 808 | -306.341 | 2.12500 | 0.000000E+00 |
| 809 | -304.008 | 9.12500 | 0.000000E+00 |
| 810 | -301.482 | 9.12500 | 0.000000E+00 |
| 811 | -301.482 | 2.12500 | 0.000000E+00 |
| 812 | -299.149 | 9.12500 | 0.000000E+00 |
| 813 | -296.623 | 9.12500 | 0.000000E+00 |
| 814 | -296.623 | 2.12500 | 0.000000E+00 |
| 815 | -294.290 | 9.12500 | 0.000000E+00 |
| 816 | -291.764 | 9.12500 | 0.000000E+00 |
| 817 | -291.764 | 2.12500 | 0.000000E+00 |
| 818 | -289.431 | 9.12500 | 0.000000E+00 |
| 819 | -286.905 | 9.12500 | 0.000000E+00 |
| 820 | -286.905 | 2.12500 | 0.000000E+00 |
| 821 | -284.572 | 9.12500 | 0.000000E+00 |
| 822 | -282.046 | 9.12500 | 0.000000E+00 |
| 823 | -282.046 | 2.12500 | 0.000000E+00 |
| 824 | -279.713 | 9.12500 | 0.000000E+00 |
| 825 | -272.329 | 9.12500 | 0.000000E+00 |
| 826 | -272.329 | 2.12500 | 0.000000E+00 |
| 827 | -269.996 | 9.12500 | 0.000000E+00 |
| 828 | -267.471 | 9.12500 | 0.000000E+00 |
| 829 | -267.471 | 2.12500 | 0.000000E+00 |
| 830 | -265.138 | 9.12500 | 0.000000E+00 |
| 831 | -262.613 | 9.12500 | 0.000000E+00 |
| 832 | -262.613 | 2.12500 | 0.000000E+00 |
| 833 | -260.280 | 9.12500 | 0.000000E+00 |
| 834 | -257.755 | 9.12500 | 0.000000E+00 |
| 835 | -257.755 | 2.12500 | 0.000000E+00 |
| 836 | -255.422 | 9.12500 | 0.000000E+00 |
| 837 | -252.897 | 9.12500 | 0.000000E+00 |
| 838 | -252.897 | 2.12500 | 0.000000E+00 |
| 839 | -250.564 | 9.12500 | 0.000000E+00 |
| 840 | -248.039 | 9.12500 | 0.000000E+00 |
| 841 | -248.039 | 2.12500 | 0.000000E+00 |
| 842 | -245.706 | 9.12500 | 0.000000E+00 |
| 843 | -243.181 | 9.12500 | 0.000000E+00 |
| 844 | -243.181 | 2.12500 | 0.000000E+00 |
| 845 | -240.848 | 9.12500 | 0.000000E+00 |
| 846 | -238.323 | 9.12500 | 0.000000E+00 |
| 847 | -238.323 | 2.12500 | 0.000000E+00 |
| 848 | -235.990 | 9.12500 | 0.000000E+00 |
| 849 | -233.465 | 9.12500 | 0.000000E+00 |
| 850 | -233.465 | 2.12500 | 0.000000E+00 |
| 851 | -231.132 | 9.12500 | 0.000000E+00 |
| 852 | -223.750 | 9.12500 | 0.000000E+00 |
| 853 | -223.750 | 2.12500 | 0.000000E+00 |
| 854 | -221.417 | 9.12500 | 0.000000E+00 |
| 855 | -218.893 | 9.12500 | 0.000000E+00 |
| 856 | -218.893 | 2.12500 | 0.000000E+00 |
| 857 | -216.560 | 9.12500 | 0.000000E+00 |
| 858 | -214.036 | 9.12500 | 0.000000E+00 |
| 859 | -214.036 | 2.12500 | 0.000000E+00 |
| 860 | -211.703 | 9.12500 | 0.000000E+00 |
| 861 | -209.179 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 862 | -209.179 | 2.12500 | 0.000000E+00 |
| 863 | -206.846 | 9.12500 | 0.000000E+00 |
| 864 | -204.322 | 9.12500 | 0.000000E+00 |
| 865 | -204.322 | 2.12500 | 0.000000E+00 |
| 866 | -201.989 | 9.12500 | 0.000000E+00 |
| 867 | -199.465 | 9.12500 | 0.000000E+00 |
| 868 | -199.465 | 2.12500 | 0.000000E+00 |
| 869 | -197.132 | 9.12500 | 0.000000E+00 |
| 870 | -194.608 | 9.12500 | 0.000000E+00 |
| 871 | -194.608 | 2.12500 | 0.000000E+00 |
| 872 | -192.275 | 9.12500 | 0.000000E+00 |
| 873 | -189.751 | 9.12500 | 0.000000E+00 |
| 874 | -189.751 | 2.12500 | 0.000000E+00 |
| 875 | -187.418 | 9.12500 | 0.000000E+00 |
| 876 | -184.894 | 9.12500 | 0.000000E+00 |
| 877 | -184.894 | 2.12500 | 0.000000E+00 |
| 878 | -182.561 | 9.12500 | 0.000000E+00 |
| 879 | -175.182 | 9.12500 | 0.000000E+00 |
| 880 | -175.182 | 2.12500 | 0.000000E+00 |
| 881 | -172.849 | 9.12500 | 0.000000E+00 |
| 882 | -170.327 | 9.12500 | 0.000000E+00 |
| 883 | -170.327 | 2.12500 | 0.000000E+00 |
| 884 | -167.994 | 9.12500 | 0.000000E+00 |
| 885 | -165.472 | 9.12500 | 0.000000E+00 |
| 886 | -165.472 | 2.12500 | 0.000000E+00 |
| 887 | -163.139 | 9.12500 | 0.000000E+00 |
| 888 | -160.617 | 9.12500 | 0.000000E+00 |
| 889 | -160.617 | 2.12500 | 0.000000E+00 |
| 890 | -158.284 | 9.12500 | 0.000000E+00 |
| 891 | -155.762 | 9.12500 | 0.000000E+00 |
| 892 | -155.762 | 2.12500 | 0.000000E+00 |
| 893 | -153.429 | 9.12500 | 0.000000E+00 |
| 894 | -150.907 | 9.12500 | 0.000000E+00 |
| 895 | -150.907 | 2.12500 | 0.000000E+00 |
| 896 | -148.574 | 9.12500 | 0.000000E+00 |
| 897 | -146.052 | 9.12500 | 0.000000E+00 |
| 898 | -146.052 | 2.12500 | 0.000000E+00 |
| 899 | -143.719 | 9.12500 | 0.000000E+00 |
| 900 | -141.197 | 9.12500 | 0.000000E+00 |
| 901 | -141.197 | 2.12500 | 0.000000E+00 |
| 902 | -138.864 | 9.12500 | 0.000000E+00 |
| 903 | -136.342 | 9.12500 | 0.000000E+00 |
| 904 | -136.342 | 2.12500 | 0.000000E+00 |
| 905 | -134.009 | 9.12500 | 0.000000E+00 |
| 906 | -126.634 | 9.12500 | 0.000000E+00 |
| 907 | -126.634 | 2.12500 | 0.000000E+00 |
| 908 | -124.301 | 9.12500 | 0.000000E+00 |
| 909 | -121.781 | 9.12500 | 0.000000E+00 |
| 910 | -121.781 | 2.12500 | 0.000000E+00 |
| 911 | -119.448 | 9.12500 | 0.000000E+00 |
| 912 | -116.928 | 9.12500 | 0.000000E+00 |
| 913 | -116.928 | 2.12500 | 0.000000E+00 |
| 914 | -114.595 | 9.12500 | 0.000000E+00 |
| 915 | -112.075 | 9.12500 | 0.000000E+00 |
| 916 | -112.075 | 2.12500 | 0.000000E+00 |
| 917 | -109.742 | 9.12500 | 0.000000E+00 |
| 918 | -107.222 | 9.12500 | 0.000000E+00 |
| 919 | -107.222 | 2.12500 | 0.000000E+00 |
| 920 | -104.889 | 9.12500 | 0.000000E+00 |
| 921 | -102.369 | 9.12500 | 0.000000E+00 |
| 922 | -102.369 | 2.12500 | 0.000000E+00 |
| 923 | -100.036 | 9.12500 | 0.000000E+00 |
| 924 | -97.5160 | 9.12500 | 0.000000E+00 |
| 925 | -97.5160 | 2.12500 | 0.000000E+00 |
| 926 | -95.1827 | 9.12500 | 0.000000E+00 |
| 927 | -92.6630 | 9.12500 | 0.000000E+00 |
| 928 | -92.6630 | 2.12500 | 0.000000E+00 |
| 929 | -90.3297 | 9.12500 | 0.000000E+00 |
| 930 | -87.8100 | 9.12500 | 0.000000E+00 |
| 931 | -87.8100 | 2.12500 | 0.000000E+00 |
| 932 | -85.4767 | 9.12500 | 0.000000E+00 |
| 933 | -78.1060 | 9.12500 | 0.000000E+00 |
| 934 | -78.1060 | 2.12500 | 0.000000E+00 |
| 935 | -75.7727 | 9.12500 | 0.000000E+00 |
| 936 | -73.2550 | 9.12500 | 0.000000E+00 |
| 937 | -73.2550 | 2.12500 | 0.000000E+00 |
| 938 | -70.9217 | 9.12500 | 0.000000E+00 |
| 939 | -68.4040 | 9.12500 | 0.000000E+00 |
| 940 | -68.4040 | 2.12500 | 0.000000E+00 |
| 941 | -66.0707 | 9.12500 | 0.000000E+00 |
| 942 | -63.5530 | 9.12500 | 0.000000E+00 |
| 943 | -63.5530 | 2.12500 | 0.000000E+00 |
| 944 | -61.2197 | 9.12500 | 0.000000E+00 |
| 945 | -58.7020 | 9.12500 | 0.000000E+00 |
| 946 | -58.7020 | 2.12500 | 0.000000E+00 |
| 947 | -56.3687 | 9.12500 | 0.000000E+00 |
| 948 | -53.8510 | 9.12500 | 0.000000E+00 |
| 949 | -53.8510 | 2.12500 | 0.000000E+00 |
| 950 | -51.5177 | 9.12500 | 0.000000E+00 |
| 951 | -49.0000 | 9.12500 | 0.000000E+00 |
| 952 | -49.0000 | 2.12500 | 0.000000E+00 |
| 953 | -46.6667 | 9.12500 | 0.000000E+00 |
| 954 | -44.1490 | 9.12500 | 0.000000E+00 |
| 955 | -44.1490 | 2.12500 | 0.000000E+00 |
| 956 | -41.8157 | 9.12500 | 0.000000E+00 |
| 957 | -39.2980 | 9.12500 | 0.000000E+00 |
| 958 | -39.2980 | 2.12500 | 0.000000E+00 |
| 959 | -36.9647 | 9.12500 | 0.000000E+00 |
| 960 | 38.3980 | 9.12500 | 0.000000E+00 |
| 961 | 38.3980 | 2.12500 | 0.000000E+00 |
| 962 | 40.7313 | 9.12500 | 0.000000E+00 |
| 963 | 43.2490 | 9.12500 | 0.000000E+00 |
| 964 | 43.2490 | 2.12500 | 0.000000E+00 |
| 965 | 45.5823 | 9.12500 | 0.000000E+00 |
| 966 | 48.1000 | 9.12500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 967 | 48.1000 | 2.12500 | 0.000000E+00 |
| 968 | 50.4333 | 9.12500 | 0.000000E+00 |
| 969 | 52.9510 | 9.12500 | 0.000000E+00 |
| 970 | 52.9510 | 2.12500 | 0.000000E+00 |
| 971 | 55.2843 | 9.12500 | 0.000000E+00 |
| 972 | 57.8020 | 9.12500 | 0.000000E+00 |
| 973 | 57.8020 | 2.12500 | 0.000000E+00 |
| 974 | 60.1353 | 9.12500 | 0.000000E+00 |
| 975 | 62.6530 | 9.12500 | 0.000000E+00 |
| 976 | 62.6530 | 2.12500 | 0.000000E+00 |
| 977 | 64.9863 | 9.12500 | 0.000000E+00 |
| 978 | 67.5040 | 9.12500 | 0.000000E+00 |
| 979 | 67.5040 | 2.12500 | 0.000000E+00 |
| 980 | 69.8373 | 9.12500 | 0.000000E+00 |
| 981 | 72.3550 | 9.12500 | 0.000000E+00 |
| 982 | 72.3550 | 2.12500 | 0.000000E+00 |
| 983 | 74.6883 | 9.12500 | 0.000000E+00 |
| 984 | 77.2060 | 9.12500 | 0.000000E+00 |
| 985 | 77.2060 | 2.12500 | 0.000000E+00 |
| 986 | 79.5393 | 9.12500 | 0.000000E+00 |
| 987 | 86.9100 | 9.12500 | 0.000000E+00 |
| 988 | 86.9100 | 2.12500 | 0.000000E+00 |
| 989 | 89.2433 | 9.12500 | 0.000000E+00 |
| 990 | 91.7630 | 9.12500 | 0.000000E+00 |
| 991 | 91.7630 | 2.12500 | 0.000000E+00 |
| 992 | 94.0963 | 9.12500 | 0.000000E+00 |
| 993 | 96.6160 | 9.12500 | 0.000000E+00 |
| 994 | 96.6160 | 2.12500 | 0.000000E+00 |
| 995 | 98.9493 | 9.12500 | 0.000000E+00 |
| 996 | 101.469 | 9.12500 | 0.000000E+00 |
| 997 | 101.469 | 2.12500 | 0.000000E+00 |
| 998 | 103.802 | 9.12500 | 0.000000E+00 |
| 999 | 106.322 | 9.12500 | 0.000000E+00 |
| 1000 | 106.322 | 2.12500 | 0.000000E+00 |
| 1001 | 108.655 | 9.12500 | 0.000000E+00 |
| 1002 | 111.175 | 9.12500 | 0.000000E+00 |
| 1003 | 111.175 | 2.12500 | 0.000000E+00 |
| 1004 | 113.508 | 9.12500 | 0.000000E+00 |
| 1005 | 116.028 | 9.12500 | 0.000000E+00 |
| 1006 | 116.028 | 2.12500 | 0.000000E+00 |
| 1007 | 118.361 | 9.12500 | 0.000000E+00 |
| 1008 | 120.881 | 9.12500 | 0.000000E+00 |
| 1009 | 120.881 | 2.12500 | 0.000000E+00 |
| 1010 | 123.214 | 9.12500 | 0.000000E+00 |
| 1011 | 125.734 | 9.12500 | 0.000000E+00 |
| 1012 | 125.734 | 2.12500 | 0.000000E+00 |
| 1013 | 128.067 | 9.12500 | 0.000000E+00 |
| 1014 | 135.442 | 9.12500 | 0.000000E+00 |
| 1015 | 135.442 | 2.12500 | 0.000000E+00 |
| 1016 | 137.775 | 9.12500 | 0.000000E+00 |
| 1017 | 140.297 | 9.12500 | 0.000000E+00 |
| 1018 | 140.297 | 2.12500 | 0.000000E+00 |
| 1019 | 142.630 | 9.12500 | 0.000000E+00 |
| 1020 | 145.152 | 9.12500 | 0.000000E+00 |
| 1021 | 145.152 | 2.12500 | 0.000000E+00 |
| 1022 | 147.485 | 9.12500 | 0.000000E+00 |
| 1023 | 150.007 | 9.12500 | 0.000000E+00 |
| 1024 | 150.007 | 2.12500 | 0.000000E+00 |
| 1025 | 152.340 | 9.12500 | 0.000000E+00 |
| 1026 | 154.862 | 9.12500 | 0.000000E+00 |
| 1027 | 154.862 | 2.12500 | 0.000000E+00 |
| 1028 | 157.195 | 9.12500 | 0.000000E+00 |
| 1029 | 159.717 | 9.12500 | 0.000000E+00 |
| 1030 | 159.717 | 2.12500 | 0.000000E+00 |
| 1031 | 162.050 | 9.12500 | 0.000000E+00 |
| 1032 | 164.572 | 9.12500 | 0.000000E+00 |
| 1033 | 164.572 | 2.12500 | 0.000000E+00 |
| 1034 | 166.905 | 9.12500 | 0.000000E+00 |
| 1035 | 169.427 | 9.12500 | 0.000000E+00 |
| 1036 | 169.427 | 2.12500 | 0.000000E+00 |
| 1037 | 171.760 | 9.12500 | 0.000000E+00 |
| 1038 | 174.282 | 9.12500 | 0.000000E+00 |
| 1039 | 174.282 | 2.12500 | 0.000000E+00 |
| 1040 | 176.615 | 9.12500 | 0.000000E+00 |
| 1041 | 183.994 | 9.12500 | 0.000000E+00 |
| 1042 | 183.994 | 2.12500 | 0.000000E+00 |
| 1043 | 186.327 | 9.12500 | 0.000000E+00 |
| 1044 | 188.851 | 9.12500 | 0.000000E+00 |
| 1045 | 188.851 | 2.12500 | 0.000000E+00 |
| 1046 | 191.184 | 9.12500 | 0.000000E+00 |
| 1047 | 193.708 | 9.12500 | 0.000000E+00 |
| 1048 | 193.708 | 2.12500 | 0.000000E+00 |
| 1049 | 196.041 | 9.12500 | 0.000000E+00 |
| 1050 | 198.565 | 9.12500 | 0.000000E+00 |
| 1051 | 198.565 | 2.12500 | 0.000000E+00 |
| 1052 | 200.898 | 9.12500 | 0.000000E+00 |
| 1053 | 203.422 | 9.12500 | 0.000000E+00 |
| 1054 | 203.422 | 2.12500 | 0.000000E+00 |
| 1055 | 205.755 | 9.12500 | 0.000000E+00 |
| 1056 | 208.279 | 9.12500 | 0.000000E+00 |
| 1057 | 208.279 | 2.12500 | 0.000000E+00 |
| 1058 | 210.612 | 9.12500 | 0.000000E+00 |
| 1059 | 213.136 | 9.12500 | 0.000000E+00 |
| 1060 | 213.136 | 2.12500 | 0.000000E+00 |
| 1061 | 215.469 | 9.12500 | 0.000000E+00 |
| 1062 | 217.993 | 9.12500 | 0.000000E+00 |
| 1063 | 217.993 | 2.12500 | 0.000000E+00 |
| 1064 | 220.326 | 9.12500 | 0.000000E+00 |
| 1065 | 222.850 | 9.12500 | 0.000000E+00 |
| 1066 | 222.850 | 2.12500 | 0.000000E+00 |
| 1067 | 225.183 | 9.12500 | 0.000000E+00 |
| 1068 | 232.565 | 9.12500 | 0.000000E+00 |
| 1069 | 232.565 | 2.12500 | 0.000000E+00 |
| 1070 | 234.898 | 9.12500 | 0.000000E+00 |
| 1071 | 237.423 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1072 | 237.423 | 2.12500 | 0.000000E+00 |
| 1073 | 239.756 | 9.12500 | 0.000000E+00 |
| 1074 | 242.281 | 9.12500 | 0.000000E+00 |
| 1075 | 242.281 | 2.12500 | 0.000000E+00 |
| 1076 | 244.614 | 9.12500 | 0.000000E+00 |
| 1077 | 247.139 | 9.12500 | 0.000000E+00 |
| 1078 | 247.139 | 2.12500 | 0.000000E+00 |
| 1079 | 249.472 | 9.12500 | 0.000000E+00 |
| 1080 | 251.997 | 9.12500 | 0.000000E+00 |
| 1081 | 251.997 | 2.12500 | 0.000000E+00 |
| 1082 | 254.330 | 9.12500 | 0.000000E+00 |
| 1083 | 256.855 | 9.12500 | 0.000000E+00 |
| 1084 | 256.855 | 2.12500 | 0.000000E+00 |
| 1085 | 259.188 | 9.12500 | 0.000000E+00 |
| 1086 | 261.713 | 9.12500 | 0.000000E+00 |
| 1087 | 261.713 | 2.12500 | 0.000000E+00 |
| 1088 | 264.046 | 9.12500 | 0.000000E+00 |
| 1089 | 266.571 | 9.12500 | 0.000000E+00 |
| 1090 | 266.571 | 2.12500 | 0.000000E+00 |
| 1091 | 268.904 | 9.12500 | 0.000000E+00 |
| 1092 | 271.429 | 9.12500 | 0.000000E+00 |
| 1093 | 271.429 | 2.12500 | 0.000000E+00 |
| 1094 | 273.762 | 9.12500 | 0.000000E+00 |
| 1095 | 281.146 | 9.12500 | 0.000000E+00 |
| 1096 | 281.146 | 2.12500 | 0.000000E+00 |
| 1097 | 283.479 | 9.12500 | 0.000000E+00 |
| 1098 | 286.005 | 9.12500 | 0.000000E+00 |
| 1099 | 286.005 | 2.12500 | 0.000000E+00 |
| 1100 | 288.338 | 9.12500 | 0.000000E+00 |
| 1101 | 290.864 | 9.12500 | 0.000000E+00 |
| 1102 | 290.864 | 2.12500 | 0.000000E+00 |
| 1103 | 293.197 | 9.12500 | 0.000000E+00 |
| 1104 | 295.723 | 9.12500 | 0.000000E+00 |
| 1105 | 295.723 | 2.12500 | 0.000000E+00 |
| 1106 | 298.056 | 9.12500 | 0.000000E+00 |
| 1107 | 300.582 | 9.12500 | 0.000000E+00 |
| 1108 | 300.582 | 2.12500 | 0.000000E+00 |
| 1109 | 302.915 | 9.12500 | 0.000000E+00 |
| 1110 | 305.441 | 9.12500 | 0.000000E+00 |
| 1111 | 305.441 | 2.12500 | 0.000000E+00 |
| 1112 | 307.774 | 9.12500 | 0.000000E+00 |
| 1113 | 310.300 | 9.12500 | 0.000000E+00 |
| 1114 | 310.300 | 2.12500 | 0.000000E+00 |
| 1115 | 312.633 | 9.12500 | 0.000000E+00 |
| 1116 | 315.159 | 9.12500 | 0.000000E+00 |
| 1117 | 315.159 | 2.12500 | 0.000000E+00 |
| 1118 | 317.492 | 9.12500 | 0.000000E+00 |
| 1119 | 320.018 | 9.12500 | 0.000000E+00 |
| 1120 | 320.018 | 2.12500 | 0.000000E+00 |
| 1121 | 322.351 | 9.12500 | 0.000000E+00 |
| 1122 | 329.747 | 9.12500 | 0.000000E+00 |
| 1123 | 329.747 | 2.12500 | 0.000000E+00 |
| 1124 | 332.080 | 9.12500 | 0.000000E+00 |
| 1125 | 334.617 | 9.12500 | 0.000000E+00 |
| 1126 | 334.617 | 2.12500 | 0.000000E+00 |
| 1127 | 336.951 | 9.12500 | 0.000000E+00 |
| 1128 | 339.487 | 9.12500 | 0.000000E+00 |
| 1129 | 339.487 | 2.12500 | 0.000000E+00 |
| 1130 | 341.821 | 9.12500 | 0.000000E+00 |
| 1131 | 344.357 | 9.12500 | 0.000000E+00 |
| 1132 | 344.357 | 2.12500 | 0.000000E+00 |
| 1133 | 346.691 | 9.12500 | 0.000000E+00 |
| 1134 | 349.227 | 9.12500 | 0.000000E+00 |
| 1135 | 349.227 | 2.12500 | 0.000000E+00 |
| 1136 | 351.561 | 9.12500 | 0.000000E+00 |
| 1137 | 354.098 | 9.12500 | 0.000000E+00 |
| 1138 | 354.098 | 2.12500 | 0.000000E+00 |
| 1139 | 356.431 | 9.12500 | 0.000000E+00 |
| 1140 | 358.968 | 9.12500 | 0.000000E+00 |
| 1141 | 358.968 | 2.12500 | 0.000000E+00 |
| 1142 | 361.301 | 9.12500 | 0.000000E+00 |
| 1143 | 363.838 | 9.12500 | 0.000000E+00 |
| 1144 | 363.838 | 2.12500 | 0.000000E+00 |
| 1145 | 366.171 | 9.12500 | 0.000000E+00 |
| 1146 | 368.708 | 9.12500 | 0.000000E+00 |
| 1147 | 368.708 | 2.12500 | 0.000000E+00 |
| 1148 | 371.041 | 9.12500 | 0.000000E+00 |
| 1149 | -323.444 | 9.12500 | 0.000000E+00 |
| 1150 | -274.854 | 9.12500 | 0.000000E+00 |
| 1151 | -226.274 | 9.12500 | 0.000000E+00 |
| 1152 | -177.704 | 9.12500 | 0.000000E+00 |
| 1153 | -129.154 | 9.12500 | 0.000000E+00 |
| 1154 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1155 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1156 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1157 | 2.833333 | 9.12500 | 0.000000E+00 |
| 1158 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1159 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1160 | 132.920 | 9.12500 | 0.000000E+00 |
| 1161 | 181.470 | 9.12500 | 0.000000E+00 |
| 1162 | 230.040 | 9.12500 | 0.000000E+00 |
| 1163 | -357.476 | 9.12500 | 0.000000E+00 |
| 1164 | 278.620 | 9.12500 | 0.000000E+00 |
| 1165 | 327.210 | 9.12500 | 0.000000E+00 |
| 1166 | 375.911 | 9.12500 | 0.000000E+00 |
| 1167 | -352.614 | 9.12500 | 0.000000E+00 |
| 1168 | -347.752 | 9.12500 | 0.000000E+00 |
| 1169 | -342.891 | 9.12500 | 0.000000E+00 |
| 1170 | -338.029 | 9.12500 | 0.000000E+00 |
| 1171 | -333.167 | 9.12500 | 0.000000E+00 |
| 1172 | -328.305 | 9.12500 | 0.000000E+00 |
| 1173 | -27.3927 | 9.12500 | 0.000000E+00 |
| 1174 | -22.6717 | 9.12500 | 0.000000E+00 |
| 1175 | -17.9507 | 9.12500 | 0.000000E+00 |
| 1176 | -13.2297 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1177 | -8.50867 | 9.12500 | 0.000000E+00 |
| 1178 | -3.78767 | 9.12500 | 0.000000E+00 |
| 1179 | 7.55433 | 9.12500 | 0.000000E+00 |
| 1180 | 12.2753 | 9.12500 | 0.000000E+00 |
| 1181 | 16.9963 | 9.12500 | 0.000000E+00 |
| 1182 | 21.7173 | 9.12500 | 0.000000E+00 |
| 1183 | 26.4383 | 9.12500 | 0.000000E+00 |
| 1184 | 31.1593 | 9.12500 | 0.000000E+00 |
| 1185 | 380.773 | 9.12500 | 0.000000E+00 |
| 1186 | 385.635 | 9.12500 | 0.000000E+00 |
| 1187 | 390.496 | 9.12500 | 0.000000E+00 |
| 1188 | 395.358 | 9.12500 | 0.000000E+00 |
| 1189 | 400.220 | 9.12500 | 0.000000E+00 |
| 1190 | 405.082 | 9.12500 | 0.000000E+00 |
| 1191 | -318.585 | 9.12500 | 0.000000E+00 |
| 1192 | -313.726 | 9.12500 | 0.000000E+00 |
| 1193 | -308.867 | 9.12500 | 0.000000E+00 |
| 1194 | -304.008 | 9.12500 | 0.000000E+00 |
| 1195 | -299.149 | 9.12500 | 0.000000E+00 |
| 1196 | -294.290 | 9.12500 | 0.000000E+00 |
| 1197 | -289.431 | 9.12500 | 0.000000E+00 |
| 1198 | -284.572 | 9.12500 | 0.000000E+00 |
| 1199 | -279.713 | 9.12500 | 0.000000E+00 |
| 1200 | -269.996 | 9.12500 | 0.000000E+00 |
| 1201 | -265.138 | 9.12500 | 0.000000E+00 |
| 1202 | -260.280 | 9.12500 | 0.000000E+00 |
| 1203 | -255.422 | 9.12500 | 0.000000E+00 |
| 1204 | -250.564 | 9.12500 | 0.000000E+00 |
| 1205 | -245.706 | 9.12500 | 0.000000E+00 |
| 1206 | -240.848 | 9.12500 | 0.000000E+00 |
| 1207 | -235.990 | 9.12500 | 0.000000E+00 |
| 1208 | -231.132 | 9.12500 | 0.000000E+00 |
| 1209 | -221.417 | 9.12500 | 0.000000E+00 |
| 1210 | -216.560 | 9.12500 | 0.000000E+00 |
| 1211 | -211.703 | 9.12500 | 0.000000E+00 |
| 1212 | -206.846 | 9.12500 | 0.000000E+00 |
| 1213 | -201.989 | 9.12500 | 0.000000E+00 |
| 1214 | -197.132 | 9.12500 | 0.000000E+00 |
| 1215 | -192.275 | 9.12500 | 0.000000E+00 |
| 1216 | -187.418 | 9.12500 | 0.000000E+00 |
| 1217 | -182.561 | 9.12500 | 0.000000E+00 |
| 1218 | -172.849 | 9.12500 | 0.000000E+00 |
| 1219 | -167.994 | 9.12500 | 0.000000E+00 |
| 1220 | -163.139 | 9.12500 | 0.000000E+00 |
| 1221 | -158.284 | 9.12500 | 0.000000E+00 |
| 1222 | -153.429 | 9.12500 | 0.000000E+00 |
| 1223 | -148.574 | 9.12500 | 0.000000E+00 |
| 1224 | -143.719 | 9.12500 | 0.000000E+00 |
| 1225 | -138.864 | 9.12500 | 0.000000E+00 |
| 1226 | -134.009 | 9.12500 | 0.000000E+00 |
| 1227 | -124.301 | 9.12500 | 0.000000E+00 |
| 1228 | -119.448 | 9.12500 | 0.000000E+00 |
| 1229 | -114.595 | 9.12500 | 0.000000E+00 |
| 1230 | -109.742 | 9.12500 | 0.000000E+00 |
| 1231 | -104.889 | 9.12500 | 0.000000E+00 |
| 1232 | -100.036 | 9.12500 | 0.000000E+00 |
| 1233 | -95.1827 | 9.12500 | 0.000000E+00 |
| 1234 | -90.3297 | 9.12500 | 0.000000E+00 |
| 1235 | -85.4767 | 9.12500 | 0.000000E+00 |
| 1236 | -75.7727 | 9.12500 | 0.000000E+00 |
| 1237 | -70.9217 | 9.12500 | 0.000000E+00 |
| 1238 | -66.0707 | 9.12500 | 0.000000E+00 |
| 1239 | -61.2197 | 9.12500 | 0.000000E+00 |
| 1240 | -56.3687 | 9.12500 | 0.000000E+00 |
| 1241 | -51.5177 | 9.12500 | 0.000000E+00 |
| 1242 | -46.6667 | 9.12500 | 0.000000E+00 |
| 1243 | -41.8157 | 9.12500 | 0.000000E+00 |
| 1244 | -36.9647 | 9.12500 | 0.000000E+00 |
| 1245 | 40.7313 | 9.12500 | 0.000000E+00 |
| 1246 | 45.5823 | 9.12500 | 0.000000E+00 |
| 1247 | 50.4333 | 9.12500 | 0.000000E+00 |
| 1248 | 55.2843 | 9.12500 | 0.000000E+00 |
| 1249 | 60.1353 | 9.12500 | 0.000000E+00 |
| 1250 | 64.9863 | 9.12500 | 0.000000E+00 |
| 1251 | 69.8373 | 9.12500 | 0.000000E+00 |
| 1252 | 74.6883 | 9.12500 | 0.000000E+00 |
| 1253 | 79.5393 | 9.12500 | 0.000000E+00 |
| 1254 | 89.2433 | 9.12500 | 0.000000E+00 |
| 1255 | 94.0963 | 9.12500 | 0.000000E+00 |
| 1256 | 98.9493 | 9.12500 | 0.000000E+00 |
| 1257 | 103.802 | 9.12500 | 0.000000E+00 |
| 1258 | 108.655 | 9.12500 | 0.000000E+00 |
| 1259 | 113.508 | 9.12500 | 0.000000E+00 |
| 1260 | 118.361 | 9.12500 | 0.000000E+00 |
| 1261 | 123.214 | 9.12500 | 0.000000E+00 |
| 1262 | 128.067 | 9.12500 | 0.000000E+00 |
| 1263 | 137.775 | 9.12500 | 0.000000E+00 |
| 1264 | 142.630 | 9.12500 | 0.000000E+00 |
| 1265 | 147.485 | 9.12500 | 0.000000E+00 |
| 1266 | 152.340 | 9.12500 | 0.000000E+00 |
| 1267 | 157.195 | 9.12500 | 0.000000E+00 |
| 1268 | 162.050 | 9.12500 | 0.000000E+00 |
| 1269 | 166.905 | 9.12500 | 0.000000E+00 |
| 1270 | 171.760 | 9.12500 | 0.000000E+00 |
| 1271 | 176.615 | 9.12500 | 0.000000E+00 |
| 1272 | 186.327 | 9.12500 | 0.000000E+00 |
| 1273 | 191.184 | 9.12500 | 0.000000E+00 |
| 1274 | 196.041 | 9.12500 | 0.000000E+00 |
| 1275 | 200.898 | 9.12500 | 0.000000E+00 |
| 1276 | 205.755 | 9.12500 | 0.000000E+00 |
| 1277 | 210.612 | 9.12500 | 0.000000E+00 |
| 1278 | 215.469 | 9.12500 | 0.000000E+00 |
| 1279 | 220.326 | 9.12500 | 0.000000E+00 |
| 1280 | 225.183 | 9.12500 | 0.000000E+00 |
| 1281 | 234.898 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1282 | 239.756 | 9.12500 | 0.000000E+00 |
| 1283 | 244.614 | 9.12500 | 0.000000E+00 |
| 1284 | 249.472 | 9.12500 | 0.000000E+00 |
| 1285 | 254.330 | 9.12500 | 0.000000E+00 |
| 1286 | 259.188 | 9.12500 | 0.000000E+00 |
| 1287 | 264.046 | 9.12500 | 0.000000E+00 |
| 1288 | 268.904 | 9.12500 | 0.000000E+00 |
| 1289 | 273.762 | 9.12500 | 0.000000E+00 |
| 1290 | 283.479 | 9.12500 | 0.000000E+00 |
| 1291 | 288.338 | 9.12500 | 0.000000E+00 |
| 1292 | 293.197 | 9.12500 | 0.000000E+00 |
| 1293 | 298.056 | 9.12500 | 0.000000E+00 |
| 1294 | 302.915 | 9.12500 | 0.000000E+00 |
| 1295 | 307.774 | 9.12500 | 0.000000E+00 |
| 1296 | 312.633 | 9.12500 | 0.000000E+00 |
| 1297 | 317.492 | 9.12500 | 0.000000E+00 |
| 1298 | 322.351 | 9.12500 | 0.000000E+00 |
| 1299 | 332.080 | 9.12500 | 0.000000E+00 |
| 1300 | 336.951 | 9.12500 | 0.000000E+00 |
| 1301 | 341.821 | 9.12500 | 0.000000E+00 |
| 1302 | 346.691 | 9.12500 | 0.000000E+00 |
| 1303 | 351.561 | 9.12500 | 0.000000E+00 |
| 1304 | 356.431 | 9.12500 | 0.000000E+00 |
| 1305 | 361.301 | 9.12500 | 0.000000E+00 |
| 1306 | 366.171 | 9.12500 | 0.000000E+00 |
| 1307 | 371.041 | 9.12500 | 0.000000E+00 |
| 1308 | -323.444 | 9.12500 | 0.000000E+00 |
| 1309 | -274.854 | 9.12500 | 0.000000E+00 |
| 1310 | -226.274 | 9.12500 | 0.000000E+00 |
| 1311 | -177.704 | 9.12500 | 0.000000E+00 |
| 1312 | -129.154 | 9.12500 | 0.000000E+00 |
| 1313 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1314 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1315 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1316 | 2.83333 | 9.12500 | 0.000000E+00 |
| 1317 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1318 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1319 | 132.920 | 9.12500 | 0.000000E+00 |
| 1320 | 181.470 | 9.12500 | 0.000000E+00 |
| 1321 | 230.040 | 9.12500 | 0.000000E+00 |
| 1322 | -359.809 | 0.000000E+00 | 0.000000E+00 |
| 1323 | -358.809 | 2.12500 | 0.000000E+00 |
| 1324 | 276.287 | 0.000000E+00 | 0.000000E+00 |
| 1325 | 277.287 | 2.12500 | 0.000000E+00 |
| 1326 | 324.877 | 0.000000E+00 | 0.000000E+00 |
| 1327 | 325.877 | 2.12500 | 0.000000E+00 |
| 1328 | -354.947 | 0.000000E+00 | 0.000000E+00 |
| 1329 | -353.947 | 2.12500 | 0.000000E+00 |
| 1330 | -350.086 | 0.000000E+00 | 0.000000E+00 |
| 1331 | -349.086 | 2.12500 | 0.000000E+00 |
| 1332 | -345.224 | 0.000000E+00 | 0.000000E+00 |
| 1333 | -344.224 | 2.12500 | 0.000000E+00 |
| 1334 | -340.362 | 0.000000E+00 | 0.000000E+00 |
| 1335 | -339.362 | 2.12500 | 0.000000E+00 |
| 1336 | -335.500 | 0.000000E+00 | 0.000000E+00 |
| 1337 | -334.500 | 2.12500 | 0.000000E+00 |
| 1338 | -330.639 | 0.000000E+00 | 0.000000E+00 |
| 1339 | -329.639 | 2.12500 | 0.000000E+00 |
| 1340 | -29.7260 | 0.000000E+00 | 0.000000E+00 |
| 1341 | -28.7260 | 2.12500 | 0.000000E+00 |
| 1342 | -25.0050 | 0.000000E+00 | 0.000000E+00 |
| 1343 | -24.0050 | 2.12500 | 0.000000E+00 |
| 1344 | -20.2840 | 0.000000E+00 | 0.000000E+00 |
| 1345 | -19.2840 | 2.12500 | 0.000000E+00 |
| 1346 | -15.5630 | 0.000000E+00 | 0.000000E+00 |
| 1347 | -14.5630 | 2.12500 | 0.000000E+00 |
| 1348 | -10.8420 | 0.000000E+00 | 0.000000E+00 |
| 1349 | -9.84200 | 2.12500 | 0.000000E+00 |
| 1350 | -6.12100 | 0.000000E+00 | 0.000000E+00 |
| 1351 | -5.12100 | 2.12500 | 0.000000E+00 |
| 1352 | 5.22100 | 0.000000E+00 | 0.000000E+00 |
| 1353 | 6.22100 | 2.12500 | 0.000000E+00 |
| 1354 | 9.94200 | 0.000000E+00 | 0.000000E+00 |
| 1355 | 10.9420 | 2.12500 | 0.000000E+00 |
| 1356 | 14.6630 | 0.000000E+00 | 0.000000E+00 |
| 1357 | 15.6630 | 2.12500 | 0.000000E+00 |
| 1358 | 19.3840 | 0.000000E+00 | 0.000000E+00 |
| 1359 | 20.3840 | 2.12500 | 0.000000E+00 |
| 1360 | 24.1050 | 0.000000E+00 | 0.000000E+00 |
| 1361 | 25.1050 | 2.12500 | 0.000000E+00 |
| 1362 | 28.8260 | 0.000000E+00 | 0.000000E+00 |
| 1363 | 29.8260 | 2.12500 | 0.000000E+00 |
| 1364 | -320.918 | 0.000000E+00 | 0.000000E+00 |
| 1365 | -319.918 | 2.12500 | 0.000000E+00 |
| 1366 | -316.059 | 0.000000E+00 | 0.000000E+00 |
| 1367 | -315.059 | 2.12500 | 0.000000E+00 |
| 1368 | -311.200 | 0.000000E+00 | 0.000000E+00 |
| 1369 | -310.200 | 2.12500 | 0.000000E+00 |
| 1370 | -306.341 | 0.000000E+00 | 0.000000E+00 |
| 1371 | -305.341 | 2.12500 | 0.000000E+00 |
| 1372 | -301.482 | 0.000000E+00 | 0.000000E+00 |
| 1373 | -300.482 | 2.12500 | 0.000000E+00 |
| 1374 | -296.623 | 0.000000E+00 | 0.000000E+00 |
| 1375 | -295.623 | 2.12500 | 0.000000E+00 |
| 1376 | -291.764 | 0.000000E+00 | 0.000000E+00 |
| 1377 | -290.764 | 2.12500 | 0.000000E+00 |
| 1378 | -286.905 | 0.000000E+00 | 0.000000E+00 |
| 1379 | -285.905 | 2.12500 | 0.000000E+00 |
| 1380 | -282.046 | 0.000000E+00 | 0.000000E+00 |
| 1381 | -281.046 | 2.12500 | 0.000000E+00 |
| 1382 | -272.329 | 0.000000E+00 | 0.000000E+00 |
| 1383 | -271.329 | 2.12500 | 0.000000E+00 |
| 1384 | -267.471 | 0.000000E+00 | 0.000000E+00 |
| 1385 | -266.471 | 2.12500 | 0.000000E+00 |
| 1386 | -262.613 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1387 | -261.613 | 2.12500 | 0.000000E+00 |
| 1388 | -257.755 | 0.000000E+00 | 0.000000E+00 |
| 1389 | -256.755 | 2.12500 | 0.000000E+00 |
| 1390 | -252.897 | 0.000000E+00 | 0.000000E+00 |
| 1391 | -251.897 | 2.12500 | 0.000000E+00 |
| 1392 | -248.039 | 0.000000E+00 | 0.000000E+00 |
| 1393 | -247.039 | 2.12500 | 0.000000E+00 |
| 1394 | -243.181 | 0.000000E+00 | 0.000000E+00 |
| 1395 | -242.181 | 2.12500 | 0.000000E+00 |
| 1396 | -238.323 | 0.000000E+00 | 0.000000E+00 |
| 1397 | -237.323 | 2.12500 | 0.000000E+00 |
| 1398 | -233.465 | 0.000000E+00 | 0.000000E+00 |
| 1399 | -232.465 | 2.12500 | 0.000000E+00 |
| 1400 | -223.750 | 0.000000E+00 | 0.000000E+00 |
| 1401 | -222.750 | 2.12500 | 0.000000E+00 |
| 1402 | -218.893 | 0.000000E+00 | 0.000000E+00 |
| 1403 | -217.893 | 2.12500 | 0.000000E+00 |
| 1404 | -214.036 | 0.000000E+00 | 0.000000E+00 |
| 1405 | -213.036 | 2.12500 | 0.000000E+00 |
| 1406 | -209.179 | 0.000000E+00 | 0.000000E+00 |
| 1407 | -208.179 | 2.12500 | 0.000000E+00 |
| 1408 | -204.322 | 0.000000E+00 | 0.000000E+00 |
| 1409 | -203.322 | 2.12500 | 0.000000E+00 |
| 1410 | -199.465 | 0.000000E+00 | 0.000000E+00 |
| 1411 | -198.465 | 2.12500 | 0.000000E+00 |
| 1412 | -194.608 | 0.000000E+00 | 0.000000E+00 |
| 1413 | -193.608 | 2.12500 | 0.000000E+00 |
| 1414 | -189.751 | 0.000000E+00 | 0.000000E+00 |
| 1415 | -188.751 | 2.12500 | 0.000000E+00 |
| 1416 | -184.894 | 0.000000E+00 | 0.000000E+00 |
| 1417 | -183.894 | 2.12500 | 0.000000E+00 |
| 1418 | -175.182 | 0.000000E+00 | 0.000000E+00 |
| 1419 | -174.182 | 2.12500 | 0.000000E+00 |
| 1420 | -170.327 | 0.000000E+00 | 0.000000E+00 |
| 1421 | -169.327 | 2.12500 | 0.000000E+00 |
| 1422 | -165.472 | 0.000000E+00 | 0.000000E+00 |
| 1423 | -164.472 | 2.12500 | 0.000000E+00 |
| 1424 | -160.617 | 0.000000E+00 | 0.000000E+00 |
| 1425 | -159.617 | 2.12500 | 0.000000E+00 |
| 1426 | -155.762 | 0.000000E+00 | 0.000000E+00 |
| 1427 | -154.762 | 2.12500 | 0.000000E+00 |
| 1428 | -150.907 | 0.000000E+00 | 0.000000E+00 |
| 1429 | -149.907 | 2.12500 | 0.000000E+00 |
| 1430 | -146.052 | 0.000000E+00 | 0.000000E+00 |
| 1431 | -145.052 | 2.12500 | 0.000000E+00 |
| 1432 | -141.197 | 0.000000E+00 | 0.000000E+00 |
| 1433 | -140.197 | 2.12500 | 0.000000E+00 |
| 1434 | -136.342 | 0.000000E+00 | 0.000000E+00 |
| 1435 | -135.342 | 2.12500 | 0.000000E+00 |
| 1436 | -126.634 | 0.000000E+00 | 0.000000E+00 |
| 1437 | -125.634 | 2.12500 | 0.000000E+00 |
| 1438 | -121.781 | 0.000000E+00 | 0.000000E+00 |
| 1439 | -120.781 | 2.12500 | 0.000000E+00 |
| 1440 | -116.928 | 0.000000E+00 | 0.000000E+00 |
| 1441 | -115.928 | 2.12500 | 0.000000E+00 |
| 1442 | -112.075 | 0.000000E+00 | 0.000000E+00 |
| 1443 | -111.075 | 2.12500 | 0.000000E+00 |
| 1444 | -107.222 | 0.000000E+00 | 0.000000E+00 |
| 1445 | -106.222 | 2.12500 | 0.000000E+00 |
| 1446 | -102.369 | 0.000000E+00 | 0.000000E+00 |
| 1447 | -101.369 | 2.12500 | 0.000000E+00 |
| 1448 | -97.5160 | 0.000000E+00 | 0.000000E+00 |
| 1449 | -96.5160 | 2.12500 | 0.000000E+00 |
| 1450 | -92.6630 | 0.000000E+00 | 0.000000E+00 |
| 1451 | -91.6630 | 2.12500 | 0.000000E+00 |
| 1452 | -87.8100 | 0.000000E+00 | 0.000000E+00 |
| 1453 | -86.8100 | 2.12500 | 0.000000E+00 |
| 1454 | -78.1060 | 0.000000E+00 | 0.000000E+00 |
| 1455 | -77.1060 | 2.12500 | 0.000000E+00 |
| 1456 | -73.2550 | 0.000000E+00 | 0.000000E+00 |
| 1457 | -72.2550 | 2.12500 | 0.000000E+00 |
| 1458 | -68.4040 | 0.000000E+00 | 0.000000E+00 |
| 1459 | -67.4040 | 2.12500 | 0.000000E+00 |
| 1460 | -63.5530 | 0.000000E+00 | 0.000000E+00 |
| 1461 | -62.5530 | 2.12500 | 0.000000E+00 |
| 1462 | -58.7020 | 0.000000E+00 | 0.000000E+00 |
| 1463 | -57.7020 | 2.12500 | 0.000000E+00 |
| 1464 | -53.8510 | 0.000000E+00 | 0.000000E+00 |
| 1465 | -52.8510 | 2.12500 | 0.000000E+00 |
| 1466 | -49.0000 | 0.000000E+00 | 0.000000E+00 |
| 1467 | -48.0000 | 2.12500 | 0.000000E+00 |
| 1468 | -44.1490 | 0.000000E+00 | 0.000000E+00 |
| 1469 | -43.1490 | 2.12500 | 0.000000E+00 |
| 1470 | -39.2980 | 0.000000E+00 | 0.000000E+00 |
| 1471 | -38.2980 | 2.12500 | 0.000000E+00 |
| 1472 | 38.3980 | 0.000000E+00 | 0.000000E+00 |
| 1473 | 39.3980 | 2.12500 | 0.000000E+00 |
| 1474 | 43.2490 | 0.000000E+00 | 0.000000E+00 |
| 1475 | 44.2490 | 2.12500 | 0.000000E+00 |
| 1476 | 48.1000 | 0.000000E+00 | 0.000000E+00 |
| 1477 | 49.1000 | 2.12500 | 0.000000E+00 |
| 1478 | 52.9510 | 0.000000E+00 | 0.000000E+00 |
| 1479 | 53.9510 | 2.12500 | 0.000000E+00 |
| 1480 | 57.8020 | 0.000000E+00 | 0.000000E+00 |
| 1481 | 58.8020 | 2.12500 | 0.000000E+00 |
| 1482 | 62.6530 | 0.000000E+00 | 0.000000E+00 |
| 1483 | 63.6530 | 2.12500 | 0.000000E+00 |
| 1484 | 67.5040 | 0.000000E+00 | 0.000000E+00 |
| 1485 | 68.5040 | 2.12500 | 0.000000E+00 |
| 1486 | 72.3550 | 0.000000E+00 | 0.000000E+00 |
| 1487 | 73.3550 | 2.12500 | 0.000000E+00 |
| 1488 | 77.2060 | 0.000000E+00 | 0.000000E+00 |
| 1489 | 78.2060 | 2.12500 | 0.000000E+00 |
| 1490 | 86.9100 | 0.000000E+00 | 0.000000E+00 |
| 1491 | 87.9100 | 2.12500 | 0.000000E+00 |

| | | | |
|------|---------|--------------|--------------|
| 1492 | 91.7630 | 0.000000E+00 | 0.000000E+00 |
| 1493 | 92.7630 | 2.12500 | 0.000000E+00 |
| 1494 | 96.6160 | 0.000000E+00 | 0.000000E+00 |
| 1495 | 97.6160 | 2.12500 | 0.000000E+00 |
| 1496 | 101.469 | 0.000000E+00 | 0.000000E+00 |
| 1497 | 102.469 | 2.12500 | 0.000000E+00 |
| 1498 | 106.322 | 0.000000E+00 | 0.000000E+00 |
| 1499 | 107.322 | 2.12500 | 0.000000E+00 |
| 1500 | 111.175 | 0.000000E+00 | 0.000000E+00 |
| 1501 | 112.175 | 2.12500 | 0.000000E+00 |
| 1502 | 116.028 | 0.000000E+00 | 0.000000E+00 |
| 1503 | 117.028 | 2.12500 | 0.000000E+00 |
| 1504 | 120.881 | 0.000000E+00 | 0.000000E+00 |
| 1505 | 121.881 | 2.12500 | 0.000000E+00 |
| 1506 | 125.734 | 0.000000E+00 | 0.000000E+00 |
| 1507 | 126.734 | 2.12500 | 0.000000E+00 |
| 1508 | 135.442 | 0.000000E+00 | 0.000000E+00 |
| 1509 | 136.442 | 2.12500 | 0.000000E+00 |
| 1510 | 140.297 | 0.000000E+00 | 0.000000E+00 |
| 1511 | 141.297 | 2.12500 | 0.000000E+00 |
| 1512 | 145.152 | 0.000000E+00 | 0.000000E+00 |
| 1513 | 146.152 | 2.12500 | 0.000000E+00 |
| 1514 | 150.007 | 0.000000E+00 | 0.000000E+00 |
| 1515 | 151.007 | 2.12500 | 0.000000E+00 |
| 1516 | 154.862 | 0.000000E+00 | 0.000000E+00 |
| 1517 | 155.862 | 2.12500 | 0.000000E+00 |
| 1518 | 159.717 | 0.000000E+00 | 0.000000E+00 |
| 1519 | 160.717 | 2.12500 | 0.000000E+00 |
| 1520 | 164.572 | 0.000000E+00 | 0.000000E+00 |
| 1521 | 165.572 | 2.12500 | 0.000000E+00 |
| 1522 | 169.427 | 0.000000E+00 | 0.000000E+00 |
| 1523 | 170.427 | 2.12500 | 0.000000E+00 |
| 1524 | 174.282 | 0.000000E+00 | 0.000000E+00 |
| 1525 | 175.282 | 2.12500 | 0.000000E+00 |
| 1526 | 183.994 | 0.000000E+00 | 0.000000E+00 |
| 1527 | 184.994 | 2.12500 | 0.000000E+00 |
| 1528 | 188.851 | 0.000000E+00 | 0.000000E+00 |
| 1529 | 189.851 | 2.12500 | 0.000000E+00 |
| 1530 | 193.708 | 0.000000E+00 | 0.000000E+00 |
| 1531 | 194.708 | 2.12500 | 0.000000E+00 |
| 1532 | 198.565 | 0.000000E+00 | 0.000000E+00 |
| 1533 | 199.565 | 2.12500 | 0.000000E+00 |
| 1534 | 203.422 | 0.000000E+00 | 0.000000E+00 |
| 1535 | 204.422 | 2.12500 | 0.000000E+00 |
| 1536 | 208.279 | 0.000000E+00 | 0.000000E+00 |
| 1537 | 209.279 | 2.12500 | 0.000000E+00 |
| 1538 | 213.136 | 0.000000E+00 | 0.000000E+00 |
| 1539 | 214.136 | 2.12500 | 0.000000E+00 |
| 1540 | 217.993 | 0.000000E+00 | 0.000000E+00 |
| 1541 | 218.993 | 2.12500 | 0.000000E+00 |
| 1542 | 222.850 | 0.000000E+00 | 0.000000E+00 |
| 1543 | 223.850 | 2.12500 | 0.000000E+00 |
| 1544 | 232.565 | 0.000000E+00 | 0.000000E+00 |
| 1545 | 233.565 | 2.12500 | 0.000000E+00 |
| 1546 | 237.423 | 0.000000E+00 | 0.000000E+00 |
| 1547 | 238.423 | 2.12500 | 0.000000E+00 |
| 1548 | 242.281 | 0.000000E+00 | 0.000000E+00 |
| 1549 | 243.281 | 2.12500 | 0.000000E+00 |
| 1550 | 247.139 | 0.000000E+00 | 0.000000E+00 |
| 1551 | 248.139 | 2.12500 | 0.000000E+00 |
| 1552 | 251.997 | 0.000000E+00 | 0.000000E+00 |
| 1553 | 252.997 | 2.12500 | 0.000000E+00 |
| 1554 | 256.855 | 0.000000E+00 | 0.000000E+00 |
| 1555 | 257.855 | 2.12500 | 0.000000E+00 |
| 1556 | 261.713 | 0.000000E+00 | 0.000000E+00 |
| 1557 | 262.713 | 2.12500 | 0.000000E+00 |
| 1558 | 266.571 | 0.000000E+00 | 0.000000E+00 |
| 1559 | 267.571 | 2.12500 | 0.000000E+00 |
| 1560 | 271.429 | 0.000000E+00 | 0.000000E+00 |
| 1561 | 272.429 | 2.12500 | 0.000000E+00 |
| 1562 | 281.146 | 0.000000E+00 | 0.000000E+00 |
| 1563 | 282.146 | 2.12500 | 0.000000E+00 |
| 1564 | 286.005 | 0.000000E+00 | 0.000000E+00 |
| 1565 | 287.005 | 2.12500 | 0.000000E+00 |
| 1566 | 290.864 | 0.000000E+00 | 0.000000E+00 |
| 1567 | 291.864 | 2.12500 | 0.000000E+00 |
| 1568 | 295.723 | 0.000000E+00 | 0.000000E+00 |
| 1569 | 296.723 | 2.12500 | 0.000000E+00 |
| 1570 | 300.582 | 0.000000E+00 | 0.000000E+00 |
| 1571 | 301.582 | 2.12500 | 0.000000E+00 |
| 1572 | 305.441 | 0.000000E+00 | 0.000000E+00 |
| 1573 | 306.441 | 2.12500 | 0.000000E+00 |
| 1574 | 310.300 | 0.000000E+00 | 0.000000E+00 |
| 1575 | 311.300 | 2.12500 | 0.000000E+00 |
| 1576 | 315.159 | 0.000000E+00 | 0.000000E+00 |
| 1577 | 316.159 | 2.12500 | 0.000000E+00 |
| 1578 | 320.018 | 0.000000E+00 | 0.000000E+00 |
| 1579 | 321.018 | 2.12500 | 0.000000E+00 |
| 1580 | 329.747 | 0.000000E+00 | 0.000000E+00 |
| 1581 | 330.747 | 2.12500 | 0.000000E+00 |
| 1582 | 334.617 | 0.000000E+00 | 0.000000E+00 |
| 1583 | 335.617 | 2.12500 | 0.000000E+00 |
| 1584 | 339.487 | 0.000000E+00 | 0.000000E+00 |
| 1585 | 340.487 | 2.12500 | 0.000000E+00 |
| 1586 | 344.357 | 0.000000E+00 | 0.000000E+00 |
| 1587 | 345.357 | 2.12500 | 0.000000E+00 |
| 1588 | 349.227 | 0.000000E+00 | 0.000000E+00 |
| 1589 | 350.227 | 2.12500 | 0.000000E+00 |
| 1590 | 354.098 | 0.000000E+00 | 0.000000E+00 |
| 1591 | 355.098 | 2.12500 | 0.000000E+00 |
| 1592 | 358.968 | 0.000000E+00 | 0.000000E+00 |
| 1593 | 359.968 | 2.12500 | 0.000000E+00 |
| 1594 | 363.838 | 0.000000E+00 | 0.000000E+00 |
| 1595 | 364.838 | 2.12500 | 0.000000E+00 |
| 1596 | 368.708 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|-----------|--------------|--------------|
| 1597 | 369.708 | 2.12500 | 0.000000E+00 |
| 1598 | -325.777 | 0.000000E+00 | 0.000000E+00 |
| 1599 | -324.777 | 2.12500 | 0.000000E+00 |
| 1600 | -277.187 | 0.000000E+00 | 0.000000E+00 |
| 1601 | -276.187 | 2.12500 | 0.000000E+00 |
| 1602 | -228.607 | 0.000000E+00 | 0.000000E+00 |
| 1603 | -227.607 | 2.12500 | 0.000000E+00 |
| 1604 | -180.037 | 0.000000E+00 | 0.000000E+00 |
| 1605 | -179.037 | 2.12500 | 0.000000E+00 |
| 1606 | -131.487 | 0.000000E+00 | 0.000000E+00 |
| 1607 | -130.487 | 2.12500 | 0.000000E+00 |
| 1608 | -82.9570 | 0.000000E+00 | 0.000000E+00 |
| 1609 | -81.9570 | 2.12500 | 0.000000E+00 |
| 1610 | -34.4470 | 0.000000E+00 | 0.000000E+00 |
| 1611 | -33.4470 | 2.12500 | 0.000000E+00 |
| 1612 | -1.40000 | 0.000000E+00 | 0.000000E+00 |
| 1613 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1614 | 0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1615 | 1.50000 | 2.12500 | 0.000000E+00 |
| 1616 | 33.5470 | 0.000000E+00 | 0.000000E+00 |
| 1617 | 34.5470 | 2.12500 | 0.000000E+00 |
| 1618 | 82.0570 | 0.000000E+00 | 0.000000E+00 |
| 1619 | 83.0570 | 2.12500 | 0.000000E+00 |
| 1620 | 130.587 | 0.000000E+00 | 0.000000E+00 |
| 1621 | 131.587 | 2.12500 | 0.000000E+00 |
| 1622 | 179.137 | 0.000000E+00 | 0.000000E+00 |
| 1623 | 180.137 | 2.12500 | 0.000000E+00 |
| 1624 | 227.707 | 0.000000E+00 | 0.000000E+00 |
| 1625 | 228.707 | 2.12500 | 0.000000E+00 |
| 1626 | -0.500000 | 2.12500 | 0.000000E+00 |
| 1627 | -0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1628 | 0.500000 | 2.12500 | 0.000000E+00 |
| 1629 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1630 | -0.400000 | 0.000000E+00 | 0.000000E+00 |
| 1631 | 0.600000 | 2.12500 | 0.000000E+00 |
| 1632 | -360.409 | 2.12500 | 0.000000E+00 |
| 1633 | -360.409 | 0.000000E+00 | 0.000000E+00 |
| 1634 | -359.409 | 2.12500 | 0.000000E+00 |
| 1635 | 408.210 | 2.12500 | 0.000000E+00 |
| 1636 | 408.210 | -1.17000 | 0.000000E+00 |
| 1637 | 409.308 | 2.12500 | 0.000000E+00 |
| 1638 | -359.809 | 11.2500 | 0.000000E+00 |
| 1639 | -360.809 | 9.12500 | 0.000000E+00 |
| 1640 | 276.287 | 11.2500 | 0.000000E+00 |
| 1641 | 275.287 | 9.12500 | 0.000000E+00 |
| 1642 | 324.877 | 11.2500 | 0.000000E+00 |
| 1643 | 323.877 | 9.12500 | 0.000000E+00 |
| 1644 | -354.947 | 11.2500 | 0.000000E+00 |
| 1645 | -355.947 | 9.12500 | 0.000000E+00 |
| 1646 | -350.086 | 11.2500 | 0.000000E+00 |
| 1647 | -351.086 | 9.12500 | 0.000000E+00 |
| 1648 | -345.224 | 11.2500 | 0.000000E+00 |
| 1649 | -346.224 | 9.12500 | 0.000000E+00 |
| 1650 | -340.362 | 11.2500 | 0.000000E+00 |
| 1651 | -341.362 | 9.12500 | 0.000000E+00 |
| 1652 | -335.500 | 11.2500 | 0.000000E+00 |
| 1653 | -336.500 | 9.12500 | 0.000000E+00 |
| 1654 | -330.639 | 11.2500 | 0.000000E+00 |
| 1655 | -331.639 | 9.12500 | 0.000000E+00 |
| 1656 | -29.7260 | 11.2500 | 0.000000E+00 |
| 1657 | -30.7260 | 9.12500 | 0.000000E+00 |
| 1658 | -25.0050 | 11.2500 | 0.000000E+00 |
| 1659 | -26.0050 | 9.12500 | 0.000000E+00 |
| 1660 | -20.2840 | 11.2500 | 0.000000E+00 |
| 1661 | -21.2840 | 9.12500 | 0.000000E+00 |
| 1662 | -15.5630 | 11.2500 | 0.000000E+00 |
| 1663 | -16.5630 | 9.12500 | 0.000000E+00 |
| 1664 | -10.8420 | 11.2500 | 0.000000E+00 |
| 1665 | -11.8420 | 9.12500 | 0.000000E+00 |
| 1666 | -6.12100 | 11.2500 | 0.000000E+00 |
| 1667 | -7.12100 | 9.12500 | 0.000000E+00 |
| 1668 | 5.22100 | 11.2500 | 0.000000E+00 |
| 1669 | 4.22100 | 9.12500 | 0.000000E+00 |
| 1670 | 9.94200 | 11.2500 | 0.000000E+00 |
| 1671 | 8.94200 | 9.12500 | 0.000000E+00 |
| 1672 | 14.6630 | 11.2500 | 0.000000E+00 |
| 1673 | 13.6630 | 9.12500 | 0.000000E+00 |
| 1674 | 19.3840 | 11.2500 | 0.000000E+00 |
| 1675 | 18.3840 | 9.12500 | 0.000000E+00 |
| 1676 | 24.1050 | 11.2500 | 0.000000E+00 |
| 1677 | 23.1050 | 9.12500 | 0.000000E+00 |
| 1678 | 28.8260 | 11.2500 | 0.000000E+00 |
| 1679 | 27.8260 | 9.12500 | 0.000000E+00 |
| 1680 | -320.918 | 11.2500 | 0.000000E+00 |
| 1681 | -321.918 | 9.12500 | 0.000000E+00 |
| 1682 | -316.059 | 11.2500 | 0.000000E+00 |
| 1683 | -317.059 | 9.12500 | 0.000000E+00 |
| 1684 | -311.200 | 11.2500 | 0.000000E+00 |
| 1685 | -312.200 | 9.12500 | 0.000000E+00 |
| 1686 | -306.341 | 11.2500 | 0.000000E+00 |
| 1687 | -307.341 | 9.12500 | 0.000000E+00 |
| 1688 | -301.482 | 11.2500 | 0.000000E+00 |
| 1689 | -302.482 | 9.12500 | 0.000000E+00 |
| 1690 | -296.623 | 11.2500 | 0.000000E+00 |
| 1691 | -297.623 | 9.12500 | 0.000000E+00 |
| 1692 | -291.764 | 11.2500 | 0.000000E+00 |
| 1693 | -292.764 | 9.12500 | 0.000000E+00 |
| 1694 | -286.905 | 11.2500 | 0.000000E+00 |
| 1695 | -287.905 | 9.12500 | 0.000000E+00 |
| 1696 | -282.046 | 11.2500 | 0.000000E+00 |
| 1697 | -283.046 | 9.12500 | 0.000000E+00 |
| 1698 | -272.329 | 11.2500 | 0.000000E+00 |
| 1699 | -273.329 | 9.12500 | 0.000000E+00 |
| 1700 | -267.471 | 11.2500 | 0.000000E+00 |
| 1701 | -268.471 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1702 | -262.613 | 11.2500 | 0.000000E+00 |
| 1703 | -263.613 | 9.12500 | 0.000000E+00 |
| 1704 | -257.755 | 11.2500 | 0.000000E+00 |
| 1705 | -258.755 | 9.12500 | 0.000000E+00 |
| 1706 | -252.897 | 11.2500 | 0.000000E+00 |
| 1707 | -253.897 | 9.12500 | 0.000000E+00 |
| 1708 | -248.039 | 11.2500 | 0.000000E+00 |
| 1709 | -249.039 | 9.12500 | 0.000000E+00 |
| 1710 | -243.181 | 11.2500 | 0.000000E+00 |
| 1711 | -244.181 | 9.12500 | 0.000000E+00 |
| 1712 | -238.323 | 11.2500 | 0.000000E+00 |
| 1713 | -239.323 | 9.12500 | 0.000000E+00 |
| 1714 | -233.465 | 11.2500 | 0.000000E+00 |
| 1715 | -234.465 | 9.12500 | 0.000000E+00 |
| 1716 | -223.750 | 11.2500 | 0.000000E+00 |
| 1717 | -224.750 | 9.12500 | 0.000000E+00 |
| 1718 | -218.893 | 11.2500 | 0.000000E+00 |
| 1719 | -219.893 | 9.12500 | 0.000000E+00 |
| 1720 | -214.036 | 11.2500 | 0.000000E+00 |
| 1721 | -215.036 | 9.12500 | 0.000000E+00 |
| 1722 | -209.179 | 11.2500 | 0.000000E+00 |
| 1723 | -210.179 | 9.12500 | 0.000000E+00 |
| 1724 | -204.322 | 11.2500 | 0.000000E+00 |
| 1725 | -205.322 | 9.12500 | 0.000000E+00 |
| 1726 | -199.465 | 11.2500 | 0.000000E+00 |
| 1727 | -200.465 | 9.12500 | 0.000000E+00 |
| 1728 | -194.608 | 11.2500 | 0.000000E+00 |
| 1729 | -195.608 | 9.12500 | 0.000000E+00 |
| 1730 | -189.751 | 11.2500 | 0.000000E+00 |
| 1731 | -190.751 | 9.12500 | 0.000000E+00 |
| 1732 | -184.894 | 11.2500 | 0.000000E+00 |
| 1733 | -185.894 | 9.12500 | 0.000000E+00 |
| 1734 | -175.182 | 11.2500 | 0.000000E+00 |
| 1735 | -176.182 | 9.12500 | 0.000000E+00 |
| 1736 | -170.327 | 11.2500 | 0.000000E+00 |
| 1737 | -171.327 | 9.12500 | 0.000000E+00 |
| 1738 | -165.472 | 11.2500 | 0.000000E+00 |
| 1739 | -166.472 | 9.12500 | 0.000000E+00 |
| 1740 | -160.617 | 11.2500 | 0.000000E+00 |
| 1741 | -161.617 | 9.12500 | 0.000000E+00 |
| 1742 | -155.762 | 11.2500 | 0.000000E+00 |
| 1743 | -156.762 | 9.12500 | 0.000000E+00 |
| 1744 | -150.907 | 11.2500 | 0.000000E+00 |
| 1745 | -151.907 | 9.12500 | 0.000000E+00 |
| 1746 | -146.052 | 11.2500 | 0.000000E+00 |
| 1747 | -147.052 | 9.12500 | 0.000000E+00 |
| 1748 | -141.197 | 11.2500 | 0.000000E+00 |
| 1749 | -142.197 | 9.12500 | 0.000000E+00 |
| 1750 | -136.342 | 11.2500 | 0.000000E+00 |
| 1751 | -137.342 | 9.12500 | 0.000000E+00 |
| 1752 | -126.634 | 11.2500 | 0.000000E+00 |
| 1753 | -127.634 | 9.12500 | 0.000000E+00 |
| 1754 | -121.781 | 11.2500 | 0.000000E+00 |
| 1755 | -122.781 | 9.12500 | 0.000000E+00 |
| 1756 | -116.928 | 11.2500 | 0.000000E+00 |
| 1757 | -117.928 | 9.12500 | 0.000000E+00 |
| 1758 | -112.075 | 11.2500 | 0.000000E+00 |
| 1759 | -113.075 | 9.12500 | 0.000000E+00 |
| 1760 | -107.222 | 11.2500 | 0.000000E+00 |
| 1761 | -108.222 | 9.12500 | 0.000000E+00 |
| 1762 | -102.369 | 11.2500 | 0.000000E+00 |
| 1763 | -103.369 | 9.12500 | 0.000000E+00 |
| 1764 | -97.5160 | 11.2500 | 0.000000E+00 |
| 1765 | -98.5160 | 9.12500 | 0.000000E+00 |
| 1766 | -92.6630 | 11.2500 | 0.000000E+00 |
| 1767 | -93.6630 | 9.12500 | 0.000000E+00 |
| 1768 | -87.8100 | 11.2500 | 0.000000E+00 |
| 1769 | -88.8100 | 9.12500 | 0.000000E+00 |
| 1770 | -78.1060 | 11.2500 | 0.000000E+00 |
| 1771 | -79.1060 | 9.12500 | 0.000000E+00 |
| 1772 | -73.2550 | 11.2500 | 0.000000E+00 |
| 1773 | -74.2550 | 9.12500 | 0.000000E+00 |
| 1774 | -68.4040 | 11.2500 | 0.000000E+00 |
| 1775 | -69.4040 | 9.12500 | 0.000000E+00 |
| 1776 | -63.5530 | 11.2500 | 0.000000E+00 |
| 1777 | -64.5530 | 9.12500 | 0.000000E+00 |
| 1778 | -58.7020 | 11.2500 | 0.000000E+00 |
| 1779 | -59.7020 | 9.12500 | 0.000000E+00 |
| 1780 | -53.8510 | 11.2500 | 0.000000E+00 |
| 1781 | -54.8510 | 9.12500 | 0.000000E+00 |
| 1782 | -49.0000 | 11.2500 | 0.000000E+00 |
| 1783 | -50.0000 | 9.12500 | 0.000000E+00 |
| 1784 | -44.1490 | 11.2500 | 0.000000E+00 |
| 1785 | -45.1490 | 9.12500 | 0.000000E+00 |
| 1786 | -39.2980 | 11.2500 | 0.000000E+00 |
| 1787 | -40.2980 | 9.12500 | 0.000000E+00 |
| 1788 | 38.3980 | 11.2500 | 0.000000E+00 |
| 1789 | 37.3980 | 9.12500 | 0.000000E+00 |
| 1790 | 43.2490 | 11.2500 | 0.000000E+00 |
| 1791 | 42.2490 | 9.12500 | 0.000000E+00 |
| 1792 | 48.1000 | 11.2500 | 0.000000E+00 |
| 1793 | 47.1000 | 9.12500 | 0.000000E+00 |
| 1794 | 52.9510 | 11.2500 | 0.000000E+00 |
| 1795 | 51.9510 | 9.12500 | 0.000000E+00 |
| 1796 | 57.8020 | 11.2500 | 0.000000E+00 |
| 1797 | 56.8020 | 9.12500 | 0.000000E+00 |
| 1798 | 62.6530 | 11.2500 | 0.000000E+00 |
| 1799 | 61.6530 | 9.12500 | 0.000000E+00 |
| 1800 | 67.5040 | 11.2500 | 0.000000E+00 |
| 1801 | 66.5040 | 9.12500 | 0.000000E+00 |
| 1802 | 72.3550 | 11.2500 | 0.000000E+00 |
| 1803 | 71.3550 | 9.12500 | 0.000000E+00 |
| 1804 | 77.2060 | 11.2500 | 0.000000E+00 |
| 1805 | 76.2060 | 9.12500 | 0.000000E+00 |
| 1806 | 86.9100 | 11.2500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 1807 | 85.9100 | 9.12500 | 0.000000E+00 |
| 1808 | 91.7630 | 11.2500 | 0.000000E+00 |
| 1809 | 90.7630 | 9.12500 | 0.000000E+00 |
| 1810 | 96.6160 | 11.2500 | 0.000000E+00 |
| 1811 | 95.6160 | 9.12500 | 0.000000E+00 |
| 1812 | 101.469 | 11.2500 | 0.000000E+00 |
| 1813 | 100.469 | 9.12500 | 0.000000E+00 |
| 1814 | 106.322 | 11.2500 | 0.000000E+00 |
| 1815 | 105.322 | 9.12500 | 0.000000E+00 |
| 1816 | 111.175 | 11.2500 | 0.000000E+00 |
| 1817 | 110.175 | 9.12500 | 0.000000E+00 |
| 1818 | 116.028 | 11.2500 | 0.000000E+00 |
| 1819 | 115.028 | 9.12500 | 0.000000E+00 |
| 1820 | 120.881 | 11.2500 | 0.000000E+00 |
| 1821 | 119.881 | 9.12500 | 0.000000E+00 |
| 1822 | 125.734 | 11.2500 | 0.000000E+00 |
| 1823 | 124.734 | 9.12500 | 0.000000E+00 |
| 1824 | 135.442 | 11.2500 | 0.000000E+00 |
| 1825 | 134.442 | 9.12500 | 0.000000E+00 |
| 1826 | 140.297 | 11.2500 | 0.000000E+00 |
| 1827 | 139.297 | 9.12500 | 0.000000E+00 |
| 1828 | 145.152 | 11.2500 | 0.000000E+00 |
| 1829 | 144.152 | 9.12500 | 0.000000E+00 |
| 1830 | 150.007 | 11.2500 | 0.000000E+00 |
| 1831 | 149.007 | 9.12500 | 0.000000E+00 |
| 1832 | 154.862 | 11.2500 | 0.000000E+00 |
| 1833 | 153.862 | 9.12500 | 0.000000E+00 |
| 1834 | 159.717 | 11.2500 | 0.000000E+00 |
| 1835 | 158.717 | 9.12500 | 0.000000E+00 |
| 1836 | 164.572 | 11.2500 | 0.000000E+00 |
| 1837 | 163.572 | 9.12500 | 0.000000E+00 |
| 1838 | 169.427 | 11.2500 | 0.000000E+00 |
| 1839 | 168.427 | 9.12500 | 0.000000E+00 |
| 1840 | 174.282 | 11.2500 | 0.000000E+00 |
| 1841 | 173.282 | 9.12500 | 0.000000E+00 |
| 1842 | 183.994 | 11.2500 | 0.000000E+00 |
| 1843 | 182.994 | 9.12500 | 0.000000E+00 |
| 1844 | 188.851 | 11.2500 | 0.000000E+00 |
| 1845 | 187.851 | 9.12500 | 0.000000E+00 |
| 1846 | 193.708 | 11.2500 | 0.000000E+00 |
| 1847 | 192.708 | 9.12500 | 0.000000E+00 |
| 1848 | 198.565 | 11.2500 | 0.000000E+00 |
| 1849 | 197.565 | 9.12500 | 0.000000E+00 |
| 1850 | 203.422 | 11.2500 | 0.000000E+00 |
| 1851 | 202.422 | 9.12500 | 0.000000E+00 |
| 1852 | 208.279 | 11.2500 | 0.000000E+00 |
| 1853 | 207.279 | 9.12500 | 0.000000E+00 |
| 1854 | 213.136 | 11.2500 | 0.000000E+00 |
| 1855 | 212.136 | 9.12500 | 0.000000E+00 |
| 1856 | 217.993 | 11.2500 | 0.000000E+00 |
| 1857 | 216.993 | 9.12500 | 0.000000E+00 |
| 1858 | 222.850 | 11.2500 | 0.000000E+00 |
| 1859 | 221.850 | 9.12500 | 0.000000E+00 |
| 1860 | 232.565 | 11.2500 | 0.000000E+00 |
| 1861 | 231.565 | 9.12500 | 0.000000E+00 |
| 1862 | 237.423 | 11.2500 | 0.000000E+00 |
| 1863 | 236.423 | 9.12500 | 0.000000E+00 |
| 1864 | 242.281 | 11.2500 | 0.000000E+00 |
| 1865 | 241.281 | 9.12500 | 0.000000E+00 |
| 1866 | 247.139 | 11.2500 | 0.000000E+00 |
| 1867 | 246.139 | 9.12500 | 0.000000E+00 |
| 1868 | 251.997 | 11.2500 | 0.000000E+00 |
| 1869 | 250.997 | 9.12500 | 0.000000E+00 |
| 1870 | 256.855 | 11.2500 | 0.000000E+00 |
| 1871 | 255.855 | 9.12500 | 0.000000E+00 |
| 1872 | 261.713 | 11.2500 | 0.000000E+00 |
| 1873 | 260.713 | 9.12500 | 0.000000E+00 |
| 1874 | 266.571 | 11.2500 | 0.000000E+00 |
| 1875 | 265.571 | 9.12500 | 0.000000E+00 |
| 1876 | 271.429 | 11.2500 | 0.000000E+00 |
| 1877 | 270.429 | 9.12500 | 0.000000E+00 |
| 1878 | 281.146 | 11.2500 | 0.000000E+00 |
| 1879 | 280.146 | 9.12500 | 0.000000E+00 |
| 1880 | 286.005 | 11.2500 | 0.000000E+00 |
| 1881 | 285.005 | 9.12500 | 0.000000E+00 |
| 1882 | 290.864 | 11.2500 | 0.000000E+00 |
| 1883 | 289.864 | 9.12500 | 0.000000E+00 |
| 1884 | 295.723 | 11.2500 | 0.000000E+00 |
| 1885 | 294.723 | 9.12500 | 0.000000E+00 |
| 1886 | 300.582 | 11.2500 | 0.000000E+00 |
| 1887 | 299.582 | 9.12500 | 0.000000E+00 |
| 1888 | 305.441 | 11.2500 | 0.000000E+00 |
| 1889 | 304.441 | 9.12500 | 0.000000E+00 |
| 1890 | 310.300 | 11.2500 | 0.000000E+00 |
| 1891 | 309.300 | 9.12500 | 0.000000E+00 |
| 1892 | 315.159 | 11.2500 | 0.000000E+00 |
| 1893 | 314.159 | 9.12500 | 0.000000E+00 |
| 1894 | 320.018 | 11.2500 | 0.000000E+00 |
| 1895 | 319.018 | 9.12500 | 0.000000E+00 |
| 1896 | 329.747 | 11.2500 | 0.000000E+00 |
| 1897 | 328.747 | 9.12500 | 0.000000E+00 |
| 1898 | 334.617 | 11.2500 | 0.000000E+00 |
| 1899 | 333.617 | 9.12500 | 0.000000E+00 |
| 1900 | 339.487 | 11.2500 | 0.000000E+00 |
| 1901 | 338.487 | 9.12500 | 0.000000E+00 |
| 1902 | 344.357 | 11.2500 | 0.000000E+00 |
| 1903 | 343.357 | 9.12500 | 0.000000E+00 |
| 1904 | 349.227 | 11.2500 | 0.000000E+00 |
| 1905 | 348.227 | 9.12500 | 0.000000E+00 |
| 1906 | 354.098 | 11.2500 | 0.000000E+00 |
| 1907 | 353.098 | 9.12500 | 0.000000E+00 |
| 1908 | 358.968 | 11.2500 | 0.000000E+00 |
| 1909 | 357.968 | 9.12500 | 0.000000E+00 |
| 1910 | 363.838 | 11.2500 | 0.000000E+00 |
| 1911 | 362.838 | 9.12500 | 0.000000E+00 |

| | | | |
|------|-----------|-----------|--------------|
| 1912 | 368.708 | 11.2500 | 0.000000E+00 |
| 1913 | 367.708 | 9.12500 | 0.000000E+00 |
| 1914 | -325.777 | 11.2500 | 0.000000E+00 |
| 1915 | -326.777 | 9.12500 | 0.000000E+00 |
| 1916 | -277.187 | 11.2500 | 0.000000E+00 |
| 1917 | -278.187 | 9.12500 | 0.000000E+00 |
| 1918 | -228.607 | 11.2500 | 0.000000E+00 |
| 1919 | -229.607 | 9.12500 | 0.000000E+00 |
| 1920 | -180.037 | 11.2500 | 0.000000E+00 |
| 1921 | -181.037 | 9.12500 | 0.000000E+00 |
| 1922 | -131.487 | 11.2500 | 0.000000E+00 |
| 1923 | -132.487 | 9.12500 | 0.000000E+00 |
| 1924 | -82.9570 | 11.2500 | 0.000000E+00 |
| 1925 | -83.9570 | 9.12500 | 0.000000E+00 |
| 1926 | -34.4470 | 11.2500 | 0.000000E+00 |
| 1927 | -35.4470 | 9.12500 | 0.000000E+00 |
| 1928 | -1.40000 | 11.2500 | 0.000000E+00 |
| 1929 | -2.40000 | 9.12500 | 0.000000E+00 |
| 1930 | 0.500000 | 11.2500 | 0.000000E+00 |
| 1931 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1932 | 33.5470 | 11.2500 | 0.000000E+00 |
| 1933 | 32.5470 | 9.12500 | 0.000000E+00 |
| 1934 | 82.0570 | 11.2500 | 0.000000E+00 |
| 1935 | 81.0570 | 9.12500 | 0.000000E+00 |
| 1936 | 130.587 | 11.2500 | 0.000000E+00 |
| 1937 | 129.587 | 9.12500 | 0.000000E+00 |
| 1938 | 179.137 | 11.2500 | 0.000000E+00 |
| 1939 | 178.137 | 9.12500 | 0.000000E+00 |
| 1940 | 227.707 | 11.2500 | 0.000000E+00 |
| 1941 | 226.707 | 9.12500 | 0.000000E+00 |
| 1942 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1943 | -0.500000 | 11.2500 | 0.000000E+00 |
| 1944 | -1.50000 | 9.12500 | 0.000000E+00 |
| 1945 | -0.400000 | 9.12500 | 0.000000E+00 |
| 1946 | -0.400000 | 11.2500 | 0.000000E+00 |
| 1947 | -1.40000 | 9.12500 | 0.000000E+00 |
| 1948 | -360.409 | 9.12500 | 0.000000E+00 |
| 1949 | -360.409 | 11.2500 | 0.000000E+00 |
| 1950 | -361.409 | 9.12500 | 0.000000E+00 |
| 1951 | 408.210 | 9.12500 | 0.000000E+00 |
| 1952 | 408.210 | 12.4200 | 0.000000E+00 |
| 1953 | 407.112 | 9.12500 | 0.000000E+00 |
| 1954 | 373.578 | 11.3942 | 0.000000E+00 |
| 1955 | 372.578 | 9.12500 | 0.000000E+00 |
| 1956 | 378.440 | 11.5382 | 0.000000E+00 |
| 1957 | 377.440 | 9.12500 | 0.000000E+00 |
| 1958 | 383.301 | 11.6822 | 0.000000E+00 |
| 1959 | 382.301 | 9.12500 | 0.000000E+00 |
| 1960 | 409.943 | 9.12500 | 0.000000E+00 |
| 1961 | 388.163 | 11.8262 | 0.000000E+00 |
| 1962 | 387.163 | 9.12500 | 0.000000E+00 |
| 1963 | 393.025 | 11.9702 | 0.000000E+00 |
| 1964 | 392.025 | 9.12500 | 0.000000E+00 |
| 1965 | 397.887 | 12.1142 | 0.000000E+00 |
| 1966 | 396.887 | 9.12500 | 0.000000E+00 |
| 1967 | 402.748 | 12.2582 | 0.000000E+00 |
| 1968 | 401.704 | 9.12500 | 0.000000E+00 |
| 1969 | 407.610 | 12.4022 | 0.000000E+00 |
| 1970 | 406.518 | 9.12500 | 0.000000E+00 |
| 1971 | 373.578 | -0.144246 | 0.000000E+00 |
| 1972 | 374.578 | 2.12500 | 0.000000E+00 |
| 1973 | 378.440 | -0.288243 | 0.000000E+00 |
| 1974 | 379.440 | 2.12500 | 0.000000E+00 |
| 1975 | 383.301 | -0.432241 | 0.000000E+00 |
| 1976 | 384.301 | 2.12500 | 0.000000E+00 |
| 1977 | 388.163 | -0.576239 | 0.000000E+00 |
| 1978 | 389.163 | 2.12500 | 0.000000E+00 |
| 1979 | 393.025 | -0.720236 | 0.000000E+00 |
| 1980 | 394.025 | 2.12500 | 0.000000E+00 |
| 1981 | 397.887 | -0.864234 | 0.000000E+00 |
| 1982 | 398.887 | 2.12500 | 0.000000E+00 |
| 1983 | 402.748 | -1.00823 | 0.000000E+00 |
| 1984 | 403.793 | 2.12500 | 0.000000E+00 |
| 1985 | 407.610 | -1.15223 | 0.000000E+00 |
| 1986 | 408.702 | 2.12500 | 0.000000E+00 |
| 1987 | 399.602 | 2.12500 | 0.000000E+00 |
| 1988 | 399.602 | 3.17376 | 0.000000E+00 |
| 1989 | 402.748 | 3.74557 | 0.000000E+00 |
| 1990 | 389.593 | 2.12500 | 0.000000E+00 |
| 1991 | 389.593 | 3.26895 | 0.000000E+00 |
| 1992 | 397.887 | 3.12500 | 0.000000E+00 |
| 1993 | 393.025 | 3.74557 | 0.000000E+00 |
| 1994 | 379.584 | 2.12500 | 0.000000E+00 |
| 1995 | 379.584 | 3.36414 | 0.000000E+00 |
| 1996 | 388.163 | 3.12500 | 0.000000E+00 |
| 1997 | 383.301 | 3.74557 | 0.000000E+00 |
| 1998 | 373.578 | 3.74557 | 0.000000E+00 |
| 1999 | 378.440 | 3.12500 | 0.000000E+00 |
| 2000 | 367.574 | 2.12500 | 0.000000E+00 |
| 2001 | 367.574 | 3.12500 | 0.000000E+00 |
| 2002 | 368.708 | 3.74837 | 0.000000E+00 |
| 2003 | 355.186 | 2.12500 | 0.000000E+00 |
| 2004 | 355.186 | 3.38557 | 0.000000E+00 |
| 2005 | 363.838 | 3.37040 | 0.000000E+00 |
| 2006 | 358.968 | 3.74837 | 0.000000E+00 |
| 2007 | 343.163 | 2.12500 | 0.000000E+00 |
| 2008 | 343.163 | 3.12500 | 0.000000E+00 |
| 2009 | 354.098 | 3.12500 | 0.000000E+00 |
| 2010 | 349.227 | 3.74837 | 0.000000E+00 |
| 2011 | 344.357 | 3.74837 | 0.000000E+00 |
| 2012 | 330.890 | 2.12500 | 0.000000E+00 |
| 2013 | 330.890 | 3.36740 | 0.000000E+00 |
| 2014 | 339.487 | 3.35023 | 0.000000E+00 |
| 2015 | 334.617 | 3.74837 | 0.000000E+00 |
| 2016 | 324.877 | 3.74837 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 2017 | 329.747 | 3.12500 | 0.000000E+00 |
| 2018 | 318.866 | 2.12500 | 0.000000E+00 |
| 2019 | 318.866 | 3.12500 | 0.000000E+00 |
| 2020 | 320.018 | 3.74467 | 0.000000E+00 |
| 2021 | 306.593 | 2.12500 | 0.000000E+00 |
| 2022 | 306.593 | 3.36067 | 0.000000E+00 |
| 2023 | 315.159 | 3.36067 | 0.000000E+00 |
| 2024 | 310.300 | 3.74467 | 0.000000E+00 |
| 2025 | 294.571 | 2.12500 | 0.000000E+00 |
| 2026 | 294.571 | 3.12500 | 0.000000E+00 |
| 2027 | 305.441 | 3.12500 | 0.000000E+00 |
| 2028 | 300.582 | 3.74467 | 0.000000E+00 |
| 2029 | 295.723 | 3.74467 | 0.000000E+00 |
| 2030 | 282.298 | 2.12500 | 0.000000E+00 |
| 2031 | 282.298 | 3.36067 | 0.000000E+00 |
| 2032 | 290.864 | 3.36067 | 0.000000E+00 |
| 2033 | 286.005 | 3.74467 | 0.000000E+00 |
| 2034 | 276.287 | 3.74467 | 0.000000E+00 |
| 2035 | 281.146 | 3.12500 | 0.000000E+00 |
| 2036 | 270.278 | 2.12500 | 0.000000E+00 |
| 2037 | 270.278 | 3.12500 | 0.000000E+00 |
| 2038 | 271.429 | 3.74433 | 0.000000E+00 |
| 2039 | 258.007 | 2.12500 | 0.000000E+00 |
| 2040 | 258.007 | 3.36033 | 0.000000E+00 |
| 2041 | 266.571 | 3.36067 | 0.000000E+00 |
| 2042 | 261.713 | 3.74433 | 0.000000E+00 |
| 2043 | 245.987 | 2.12500 | 0.000000E+00 |
| 2044 | 245.987 | 3.12500 | 0.000000E+00 |
| 2045 | 256.855 | 3.12500 | 0.000000E+00 |
| 2046 | 251.997 | 3.74433 | 0.000000E+00 |
| 2047 | 247.139 | 3.74433 | 0.000000E+00 |
| 2048 | 233.716 | 2.12500 | 0.000000E+00 |
| 2049 | 233.716 | 3.36067 | 0.000000E+00 |
| 2050 | 242.281 | 3.36033 | 0.000000E+00 |
| 2051 | 237.423 | 3.74433 | 0.000000E+00 |
| 2052 | 227.707 | 3.74433 | 0.000000E+00 |
| 2053 | 232.565 | 3.12500 | 0.000000E+00 |
| 2054 | 221.697 | 2.12500 | 0.000000E+00 |
| 2055 | 221.697 | 3.12500 | 0.000000E+00 |
| 2056 | 222.850 | 3.74400 | 0.000000E+00 |
| 2057 | 209.430 | 2.12500 | 0.000000E+00 |
| 2058 | 209.430 | 3.36033 | 0.000000E+00 |
| 2059 | 217.993 | 3.35967 | 0.000000E+00 |
| 2060 | 213.136 | 3.74400 | 0.000000E+00 |
| 2061 | 197.414 | 2.12500 | 0.000000E+00 |
| 2062 | 197.414 | 3.12500 | 0.000000E+00 |
| 2063 | 208.279 | 3.12500 | 0.000000E+00 |
| 2064 | 203.422 | 3.74400 | 0.000000E+00 |
| 2065 | 198.565 | 3.74400 | 0.000000E+00 |
| 2066 | 185.147 | 2.12500 | 0.000000E+00 |
| 2067 | 185.147 | 3.35967 | 0.000000E+00 |
| 2068 | 193.708 | 3.36033 | 0.000000E+00 |
| 2069 | 188.851 | 3.74400 | 0.000000E+00 |
| 2070 | 179.137 | 3.74400 | 0.000000E+00 |
| 2071 | 183.994 | 3.12500 | 0.000000E+00 |
| 2072 | 173.130 | 2.12500 | 0.000000E+00 |
| 2073 | 173.130 | 3.12500 | 0.000000E+00 |
| 2074 | 174.282 | 3.74333 | 0.000000E+00 |
| 2075 | 160.868 | 2.12500 | 0.000000E+00 |
| 2076 | 160.868 | 3.35967 | 0.000000E+00 |
| 2077 | 169.427 | 3.35933 | 0.000000E+00 |
| 2078 | 164.572 | 3.74333 | 0.000000E+00 |
| 2079 | 148.856 | 2.12500 | 0.000000E+00 |
| 2080 | 148.856 | 3.12500 | 0.000000E+00 |
| 2081 | 159.717 | 3.12500 | 0.000000E+00 |
| 2082 | 154.862 | 3.74333 | 0.000000E+00 |
| 2083 | 150.007 | 3.74333 | 0.000000E+00 |
| 2084 | 136.594 | 2.12500 | 0.000000E+00 |
| 2085 | 136.594 | 3.35933 | 0.000000E+00 |
| 2086 | 145.152 | 3.35967 | 0.000000E+00 |
| 2087 | 140.297 | 3.74333 | 0.000000E+00 |
| 2088 | 130.587 | 3.74333 | 0.000000E+00 |
| 2089 | 135.442 | 3.12500 | 0.000000E+00 |
| 2090 | 124.582 | 2.12500 | 0.000000E+00 |
| 2091 | 124.582 | 3.12500 | 0.000000E+00 |
| 2092 | 125.734 | 3.74267 | 0.000000E+00 |
| 2093 | 112.325 | 2.12500 | 0.000000E+00 |
| 2094 | 112.325 | 3.35933 | 0.000000E+00 |
| 2095 | 120.881 | 3.35867 | 0.000000E+00 |
| 2096 | 116.028 | 3.74267 | 0.000000E+00 |
| 2097 | 100.318 | 2.12500 | 0.000000E+00 |
| 2098 | 100.318 | 3.12500 | 0.000000E+00 |
| 2099 | 111.175 | 3.12500 | 0.000000E+00 |
| 2100 | 106.322 | 3.74267 | 0.000000E+00 |
| 2101 | 101.469 | 3.74267 | 0.000000E+00 |
| 2102 | 88.0610 | 2.12500 | 0.000000E+00 |
| 2103 | 88.0610 | 3.35900 | 0.000000E+00 |
| 2104 | 96.6160 | 3.35900 | 0.000000E+00 |
| 2105 | 91.7630 | 3.74267 | 0.000000E+00 |
| 2106 | 82.0570 | 3.74267 | 0.000000E+00 |
| 2107 | 86.9100 | 3.12500 | 0.000000E+00 |
| 2108 | 76.0550 | 2.12500 | 0.000000E+00 |
| 2109 | 76.0550 | 3.12500 | 0.000000E+00 |
| 2110 | 77.2060 | 3.74200 | 0.000000E+00 |
| 2111 | 63.8030 | 2.12500 | 0.000000E+00 |
| 2112 | 63.8030 | 3.35867 | 0.000000E+00 |
| 2113 | 72.3550 | 3.35833 | 0.000000E+00 |
| 2114 | 67.5040 | 3.74200 | 0.000000E+00 |
| 2115 | 51.8010 | 2.12500 | 0.000000E+00 |
| 2116 | 51.8010 | 3.12500 | 0.000000E+00 |
| 2117 | 62.6530 | 3.12500 | 0.000000E+00 |
| 2118 | 57.8020 | 3.74200 | 0.000000E+00 |
| 2119 | 52.9510 | 3.74200 | 0.000000E+00 |
| 2120 | 39.5490 | 2.12500 | 0.000000E+00 |
| 2121 | 39.5490 | 3.35833 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2122 | 48.1000 | 3.35867 | 0.000000E+00 |
| 2123 | 43.2490 | 3.74200 | 0.000000E+00 |
| 2124 | 33.5470 | 3.74200 | 0.000000E+00 |
| 2125 | 38.3980 | 3.12500 | 0.000000E+00 |
| 2126 | 27.5470 | 2.12500 | 0.000000E+00 |
| 2127 | 27.5470 | 3.12500 | 0.000000E+00 |
| 2128 | 28.8260 | 3.69867 | 0.000000E+00 |
| 2129 | 17.5480 | 2.12500 | 0.000000E+00 |
| 2130 | 17.5480 | 3.12500 | 0.000000E+00 |
| 2131 | 24.1050 | 3.27233 | 0.000000E+00 |
| 2132 | 19.3840 | 3.69867 | 0.000000E+00 |
| 2133 | 7.54900 | 2.12500 | 0.000000E+00 |
| 2134 | 7.54900 | 3.12500 | 0.000000E+00 |
| 2135 | 14.6630 | 3.12500 | 0.000000E+00 |
| 2136 | 9.94200 | 3.69867 | 0.000000E+00 |
| 2137 | 0.500000 | 3.69867 | 0.000000E+00 |
| 2138 | 5.22100 | 3.12500 | 0.000000E+00 |
| 2139 | -8.44900 | 2.12500 | 0.000000E+00 |
| 2140 | -8.44900 | 3.12500 | 0.000000E+00 |
| 2141 | -6.12100 | 3.69867 | 0.000000E+00 |
| 2142 | -18.4480 | 2.12500 | 0.000000E+00 |
| 2143 | -18.4480 | 3.12500 | 0.000000E+00 |
| 2144 | -10.8420 | 3.12500 | 0.000000E+00 |
| 2145 | -15.5630 | 3.69867 | 0.000000E+00 |
| 2146 | -28.4470 | 2.12500 | 0.000000E+00 |
| 2147 | -28.4470 | 3.27233 | 0.000000E+00 |
| 2148 | -20.2840 | 3.12500 | 0.000000E+00 |
| 2149 | -25.0050 | 3.69867 | 0.000000E+00 |
| 2150 | -34.4470 | 3.69867 | 0.000000E+00 |
| 2151 | -29.7260 | 3.12500 | 0.000000E+00 |
| 2152 | -40.4490 | 2.12500 | 0.000000E+00 |
| 2153 | -40.4490 | 3.12500 | 0.000000E+00 |
| 2154 | -39.2980 | 3.74200 | 0.000000E+00 |
| 2155 | -52.7010 | 2.12500 | 0.000000E+00 |
| 2156 | -52.7010 | 3.35867 | 0.000000E+00 |
| 2157 | -44.1490 | 3.35833 | 0.000000E+00 |
| 2158 | -49.0000 | 3.74200 | 0.000000E+00 |
| 2159 | -64.7030 | 2.12500 | 0.000000E+00 |
| 2160 | -64.7030 | 3.12500 | 0.000000E+00 |
| 2161 | -53.8510 | 3.12500 | 0.000000E+00 |
| 2162 | -58.7020 | 3.74200 | 0.000000E+00 |
| 2163 | -63.5530 | 3.74200 | 0.000000E+00 |
| 2164 | -76.9550 | 2.12500 | 0.000000E+00 |
| 2165 | -76.9550 | 3.35833 | 0.000000E+00 |
| 2166 | -68.4040 | 3.35867 | 0.000000E+00 |
| 2167 | -73.2550 | 3.74200 | 0.000000E+00 |
| 2168 | -82.9570 | 3.74200 | 0.000000E+00 |
| 2169 | -78.1060 | 3.12500 | 0.000000E+00 |
| 2170 | -88.9610 | 2.12500 | 0.000000E+00 |
| 2171 | -88.9610 | 3.12500 | 0.000000E+00 |
| 2172 | -87.8100 | 3.74267 | 0.000000E+00 |
| 2173 | -101.218 | 2.12500 | 0.000000E+00 |
| 2174 | -101.218 | 3.35900 | 0.000000E+00 |
| 2175 | -92.6630 | 3.35900 | 0.000000E+00 |
| 2176 | -97.5160 | 3.74267 | 0.000000E+00 |
| 2177 | -113.225 | 2.12500 | 0.000000E+00 |
| 2178 | -113.225 | 3.12500 | 0.000000E+00 |
| 2179 | -102.369 | 3.12500 | 0.000000E+00 |
| 2180 | -107.222 | 3.74267 | 0.000000E+00 |
| 2181 | -112.075 | 3.74267 | 0.000000E+00 |
| 2182 | -125.482 | 2.12500 | 0.000000E+00 |
| 2183 | -125.482 | 3.35867 | 0.000000E+00 |
| 2184 | -116.928 | 3.35933 | 0.000000E+00 |
| 2185 | -121.781 | 3.74267 | 0.000000E+00 |
| 2186 | -131.487 | 3.74267 | 0.000000E+00 |
| 2187 | -126.634 | 3.12500 | 0.000000E+00 |
| 2188 | -137.494 | 2.12500 | 0.000000E+00 |
| 2189 | -137.494 | 3.12500 | 0.000000E+00 |
| 2190 | -136.342 | 3.74333 | 0.000000E+00 |
| 2191 | -149.756 | 2.12500 | 0.000000E+00 |
| 2192 | -149.756 | 3.35967 | 0.000000E+00 |
| 2193 | -141.197 | 3.35933 | 0.000000E+00 |
| 2194 | -146.052 | 3.74333 | 0.000000E+00 |
| 2195 | -161.768 | 2.12500 | 0.000000E+00 |
| 2196 | -161.768 | 3.12500 | 0.000000E+00 |
| 2197 | -150.907 | 3.12500 | 0.000000E+00 |
| 2198 | -155.762 | 3.74333 | 0.000000E+00 |
| 2199 | -160.617 | 3.74333 | 0.000000E+00 |
| 2200 | -174.030 | 2.12500 | 0.000000E+00 |
| 2201 | -174.030 | 3.35933 | 0.000000E+00 |
| 2202 | -165.472 | 3.35967 | 0.000000E+00 |
| 2203 | -170.327 | 3.74333 | 0.000000E+00 |
| 2204 | -180.037 | 3.74333 | 0.000000E+00 |
| 2205 | -175.182 | 3.12500 | 0.000000E+00 |
| 2206 | -186.047 | 2.12500 | 0.000000E+00 |
| 2207 | -186.047 | 3.12500 | 0.000000E+00 |
| 2208 | -184.894 | 3.74400 | 0.000000E+00 |
| 2209 | -198.314 | 2.12500 | 0.000000E+00 |
| 2210 | -198.314 | 3.36033 | 0.000000E+00 |
| 2211 | -189.751 | 3.35967 | 0.000000E+00 |
| 2212 | -194.608 | 3.74400 | 0.000000E+00 |
| 2213 | -210.330 | 2.12500 | 0.000000E+00 |
| 2214 | -210.330 | 3.12500 | 0.000000E+00 |
| 2215 | -199.465 | 3.12500 | 0.000000E+00 |
| 2216 | -204.322 | 3.74400 | 0.000000E+00 |
| 2217 | -209.179 | 3.74400 | 0.000000E+00 |
| 2218 | -222.597 | 2.12500 | 0.000000E+00 |
| 2219 | -222.597 | 3.35967 | 0.000000E+00 |
| 2220 | -214.036 | 3.36033 | 0.000000E+00 |
| 2221 | -218.893 | 3.74400 | 0.000000E+00 |
| 2222 | -228.607 | 3.74400 | 0.000000E+00 |
| 2223 | -223.750 | 3.12500 | 0.000000E+00 |
| 2224 | -234.616 | 2.12500 | 0.000000E+00 |
| 2225 | -234.616 | 3.12500 | 0.000000E+00 |
| 2226 | -233.465 | 3.74433 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2227 | -246.887 | 2.12500 | 0.000000E+00 |
| 2228 | -246.887 | 3.36033 | 0.000000E+00 |
| 2229 | -238.323 | 3.36067 | 0.000000E+00 |
| 2230 | -243.181 | 3.74433 | 0.000000E+00 |
| 2231 | -258.907 | 2.12500 | 0.000000E+00 |
| 2232 | -258.907 | 3.12500 | 0.000000E+00 |
| 2233 | -248.039 | 3.12500 | 0.000000E+00 |
| 2234 | -252.897 | 3.74433 | 0.000000E+00 |
| 2235 | -257.755 | 3.74433 | 0.000000E+00 |
| 2236 | -271.178 | 2.12500 | 0.000000E+00 |
| 2237 | -271.178 | 3.36067 | 0.000000E+00 |
| 2238 | -262.613 | 3.36033 | 0.000000E+00 |
| 2239 | -267.471 | 3.74433 | 0.000000E+00 |
| 2240 | -277.187 | 3.74433 | 0.000000E+00 |
| 2241 | -272.329 | 3.12500 | 0.000000E+00 |
| 2242 | -283.198 | 2.12500 | 0.000000E+00 |
| 2243 | -283.198 | 3.12500 | 0.000000E+00 |
| 2244 | -282.046 | 3.74467 | 0.000000E+00 |
| 2245 | -295.471 | 2.12500 | 0.000000E+00 |
| 2246 | -295.471 | 3.36067 | 0.000000E+00 |
| 2247 | -286.905 | 3.36067 | 0.000000E+00 |
| 2248 | -291.764 | 3.74467 | 0.000000E+00 |
| 2249 | -307.493 | 2.12500 | 0.000000E+00 |
| 2250 | -307.493 | 3.12500 | 0.000000E+00 |
| 2251 | -296.623 | 3.12500 | 0.000000E+00 |
| 2252 | -301.482 | 3.74467 | 0.000000E+00 |
| 2253 | -306.341 | 3.74467 | 0.000000E+00 |
| 2254 | -319.766 | 2.12500 | 0.000000E+00 |
| 2255 | -319.766 | 3.36067 | 0.000000E+00 |
| 2256 | -311.200 | 3.36067 | 0.000000E+00 |
| 2257 | -316.059 | 3.74467 | 0.000000E+00 |
| 2258 | -325.777 | 3.74467 | 0.000000E+00 |
| 2259 | -320.918 | 3.12500 | 0.000000E+00 |
| 2260 | -331.783 | 2.12500 | 0.000000E+00 |
| 2261 | -331.783 | 3.12500 | 0.000000E+00 |
| 2262 | -330.639 | 3.74557 | 0.000000E+00 |
| 2263 | -341.792 | 2.12500 | 0.000000E+00 |
| 2264 | -341.792 | 3.12500 | 0.000000E+00 |
| 2265 | -335.500 | 3.36414 | 0.000000E+00 |
| 2266 | -340.362 | 3.74557 | 0.000000E+00 |
| 2267 | -351.801 | 2.12500 | 0.000000E+00 |
| 2268 | -351.801 | 3.12500 | 0.000000E+00 |
| 2269 | -345.224 | 3.26895 | 0.000000E+00 |
| 2270 | -350.086 | 3.74557 | 0.000000E+00 |
| 2271 | -359.809 | 3.74557 | 0.000000E+00 |
| 2272 | -354.947 | 3.17376 | 0.000000E+00 |
| 2273 | -360.409 | 3.12500 | 0.000000E+00 |
| 2274 | -1.40000 | 3.12500 | 0.000000E+00 |
| 2275 | -0.400000 | 3.12500 | 0.000000E+00 |
| 2276 | 407.610 | 3.12500 | 0.000000E+00 |
| 2277 | 399.602 | 9.12500 | 0.000000E+00 |
| 2278 | 399.602 | 10.1738 | 0.000000E+00 |
| 2279 | 402.748 | 10.7456 | 0.000000E+00 |
| 2280 | 389.593 | 9.12500 | 0.000000E+00 |
| 2281 | 389.593 | 10.2690 | 0.000000E+00 |
| 2282 | 397.887 | 10.1250 | 0.000000E+00 |
| 2283 | 393.025 | 10.7456 | 0.000000E+00 |
| 2284 | 379.584 | 9.12500 | 0.000000E+00 |
| 2285 | 379.584 | 10.3641 | 0.000000E+00 |
| 2286 | 388.163 | 10.1250 | 0.000000E+00 |
| 2287 | 383.301 | 10.7456 | 0.000000E+00 |
| 2288 | 373.578 | 10.7456 | 0.000000E+00 |
| 2289 | 378.440 | 10.1250 | 0.000000E+00 |
| 2290 | 367.574 | 9.12500 | 0.000000E+00 |
| 2291 | 367.574 | 10.1250 | 0.000000E+00 |
| 2292 | 368.708 | 10.7484 | 0.000000E+00 |
| 2293 | 355.186 | 9.12500 | 0.000000E+00 |
| 2294 | 355.186 | 10.3856 | 0.000000E+00 |
| 2295 | 363.838 | 10.3704 | 0.000000E+00 |
| 2296 | 358.968 | 10.7484 | 0.000000E+00 |
| 2297 | 343.163 | 9.12500 | 0.000000E+00 |
| 2298 | 343.163 | 10.1250 | 0.000000E+00 |
| 2299 | 354.098 | 10.1250 | 0.000000E+00 |
| 2300 | 349.227 | 10.7484 | 0.000000E+00 |
| 2301 | 344.357 | 10.7484 | 0.000000E+00 |
| 2302 | 330.890 | 9.12500 | 0.000000E+00 |
| 2303 | 330.890 | 10.3674 | 0.000000E+00 |
| 2304 | 339.487 | 10.3502 | 0.000000E+00 |
| 2305 | 334.617 | 10.7484 | 0.000000E+00 |
| 2306 | 324.877 | 10.7484 | 0.000000E+00 |
| 2307 | 329.747 | 10.1250 | 0.000000E+00 |
| 2308 | 318.866 | 9.12500 | 0.000000E+00 |
| 2309 | 318.866 | 10.1250 | 0.000000E+00 |
| 2310 | 320.018 | 10.7447 | 0.000000E+00 |
| 2311 | 306.593 | 9.12500 | 0.000000E+00 |
| 2312 | 306.593 | 10.3607 | 0.000000E+00 |
| 2313 | 315.159 | 10.3607 | 0.000000E+00 |
| 2314 | 310.300 | 10.7447 | 0.000000E+00 |
| 2315 | 294.571 | 9.12500 | 0.000000E+00 |
| 2316 | 294.571 | 10.1250 | 0.000000E+00 |
| 2317 | 305.441 | 10.1250 | 0.000000E+00 |
| 2318 | 300.582 | 10.7447 | 0.000000E+00 |
| 2319 | 295.723 | 10.7447 | 0.000000E+00 |
| 2320 | 282.298 | 9.12500 | 0.000000E+00 |
| 2321 | 282.298 | 10.3607 | 0.000000E+00 |
| 2322 | 290.864 | 10.3607 | 0.000000E+00 |
| 2323 | 286.005 | 10.7447 | 0.000000E+00 |
| 2324 | 276.287 | 10.7447 | 0.000000E+00 |
| 2325 | 281.146 | 10.1250 | 0.000000E+00 |
| 2326 | 270.278 | 9.12500 | 0.000000E+00 |
| 2327 | 270.278 | 10.1250 | 0.000000E+00 |
| 2328 | 271.429 | 10.7443 | 0.000000E+00 |
| 2329 | 258.007 | 9.12500 | 0.000000E+00 |
| 2330 | 258.007 | 10.3603 | 0.000000E+00 |
| 2331 | 266.571 | 10.3607 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2332 | 261.713 | 10.7443 | 0.000000E+00 |
| 2333 | 245.987 | 9.12500 | 0.000000E+00 |
| 2334 | 245.987 | 10.1250 | 0.000000E+00 |
| 2335 | 256.855 | 10.1250 | 0.000000E+00 |
| 2336 | 251.997 | 10.7443 | 0.000000E+00 |
| 2337 | 247.139 | 10.7443 | 0.000000E+00 |
| 2338 | 233.716 | 9.12500 | 0.000000E+00 |
| 2339 | 233.716 | 10.3607 | 0.000000E+00 |
| 2340 | 242.281 | 10.3603 | 0.000000E+00 |
| 2341 | 237.423 | 10.7443 | 0.000000E+00 |
| 2342 | 227.707 | 10.7443 | 0.000000E+00 |
| 2343 | 232.565 | 10.1250 | 0.000000E+00 |
| 2344 | 221.697 | 9.12500 | 0.000000E+00 |
| 2345 | 221.697 | 10.1250 | 0.000000E+00 |
| 2346 | 222.850 | 10.7440 | 0.000000E+00 |
| 2347 | 209.430 | 9.12500 | 0.000000E+00 |
| 2348 | 209.430 | 10.3603 | 0.000000E+00 |
| 2349 | 217.993 | 10.3597 | 0.000000E+00 |
| 2350 | 213.136 | 10.7440 | 0.000000E+00 |
| 2351 | 197.414 | 9.12500 | 0.000000E+00 |
| 2352 | 197.414 | 10.1250 | 0.000000E+00 |
| 2353 | 208.279 | 10.1250 | 0.000000E+00 |
| 2354 | 203.422 | 10.7440 | 0.000000E+00 |
| 2355 | 198.565 | 10.7440 | 0.000000E+00 |
| 2356 | 185.147 | 9.12500 | 0.000000E+00 |
| 2357 | 185.147 | 10.3597 | 0.000000E+00 |
| 2358 | 193.708 | 10.3603 | 0.000000E+00 |
| 2359 | 188.851 | 10.7440 | 0.000000E+00 |
| 2360 | 179.137 | 10.7440 | 0.000000E+00 |
| 2361 | 183.994 | 10.1250 | 0.000000E+00 |
| 2362 | 173.130 | 9.12500 | 0.000000E+00 |
| 2363 | 173.130 | 10.1250 | 0.000000E+00 |
| 2364 | 174.282 | 10.7433 | 0.000000E+00 |
| 2365 | 160.868 | 9.12500 | 0.000000E+00 |
| 2366 | 160.868 | 10.3597 | 0.000000E+00 |
| 2367 | 169.427 | 10.3593 | 0.000000E+00 |
| 2368 | 164.572 | 10.7433 | 0.000000E+00 |
| 2369 | 148.856 | 9.12500 | 0.000000E+00 |
| 2370 | 148.856 | 10.1250 | 0.000000E+00 |
| 2371 | 159.717 | 10.1250 | 0.000000E+00 |
| 2372 | 154.862 | 10.7433 | 0.000000E+00 |
| 2373 | 150.007 | 10.7433 | 0.000000E+00 |
| 2374 | 136.594 | 9.12500 | 0.000000E+00 |
| 2375 | 136.594 | 10.3593 | 0.000000E+00 |
| 2376 | 145.152 | 10.3597 | 0.000000E+00 |
| 2377 | 140.297 | 10.7433 | 0.000000E+00 |
| 2378 | 130.587 | 10.7433 | 0.000000E+00 |
| 2379 | 135.442 | 10.1250 | 0.000000E+00 |
| 2380 | 124.582 | 9.12500 | 0.000000E+00 |
| 2381 | 124.582 | 10.1250 | 0.000000E+00 |
| 2382 | 125.734 | 10.7427 | 0.000000E+00 |
| 2383 | 112.325 | 9.12500 | 0.000000E+00 |
| 2384 | 112.325 | 10.3593 | 0.000000E+00 |
| 2385 | 120.881 | 10.3587 | 0.000000E+00 |
| 2386 | 116.028 | 10.7427 | 0.000000E+00 |
| 2387 | 100.318 | 9.12500 | 0.000000E+00 |
| 2388 | 100.318 | 10.1250 | 0.000000E+00 |
| 2389 | 111.175 | 10.1250 | 0.000000E+00 |
| 2390 | 106.322 | 10.7427 | 0.000000E+00 |
| 2391 | 101.469 | 10.7427 | 0.000000E+00 |
| 2392 | 88.0610 | 9.12500 | 0.000000E+00 |
| 2393 | 88.0610 | 10.3590 | 0.000000E+00 |
| 2394 | 96.6160 | 10.3590 | 0.000000E+00 |
| 2395 | 91.7630 | 10.7427 | 0.000000E+00 |
| 2396 | 82.0570 | 10.7427 | 0.000000E+00 |
| 2397 | 86.9100 | 10.1250 | 0.000000E+00 |
| 2398 | 76.0550 | 9.12500 | 0.000000E+00 |
| 2399 | 76.0550 | 10.1250 | 0.000000E+00 |
| 2400 | 77.2060 | 10.7420 | 0.000000E+00 |
| 2401 | 63.8030 | 9.12500 | 0.000000E+00 |
| 2402 | 63.8030 | 10.3587 | 0.000000E+00 |
| 2403 | 72.3550 | 10.3583 | 0.000000E+00 |
| 2404 | 67.5040 | 10.7420 | 0.000000E+00 |
| 2405 | 51.8010 | 9.12500 | 0.000000E+00 |
| 2406 | 51.8010 | 10.1250 | 0.000000E+00 |
| 2407 | 62.6530 | 10.1250 | 0.000000E+00 |
| 2408 | 57.8020 | 10.7420 | 0.000000E+00 |
| 2409 | 52.9510 | 10.7420 | 0.000000E+00 |
| 2410 | 39.5490 | 9.12500 | 0.000000E+00 |
| 2411 | 39.5490 | 10.3583 | 0.000000E+00 |
| 2412 | 48.1000 | 10.3587 | 0.000000E+00 |
| 2413 | 43.2490 | 10.7420 | 0.000000E+00 |
| 2414 | 33.5470 | 10.7420 | 0.000000E+00 |
| 2415 | 38.3980 | 10.1250 | 0.000000E+00 |
| 2416 | 27.5470 | 9.12500 | 0.000000E+00 |
| 2417 | 27.5470 | 10.1250 | 0.000000E+00 |
| 2418 | 28.8260 | 10.6987 | 0.000000E+00 |
| 2419 | 17.5480 | 9.12500 | 0.000000E+00 |
| 2420 | 17.5480 | 10.1250 | 0.000000E+00 |
| 2421 | 24.1050 | 10.2723 | 0.000000E+00 |
| 2422 | 19.3840 | 10.6987 | 0.000000E+00 |
| 2423 | 7.54900 | 9.12500 | 0.000000E+00 |
| 2424 | 7.54900 | 10.1250 | 0.000000E+00 |
| 2425 | 14.6630 | 10.1250 | 0.000000E+00 |
| 2426 | 9.94200 | 10.6987 | 0.000000E+00 |
| 2427 | 0.500000 | 10.6987 | 0.000000E+00 |
| 2428 | 5.22100 | 10.1250 | 0.000000E+00 |
| 2429 | -8.44900 | 9.12500 | 0.000000E+00 |
| 2430 | -8.44900 | 10.1250 | 0.000000E+00 |
| 2431 | -6.12100 | 10.6987 | 0.000000E+00 |
| 2432 | -18.4480 | 9.12500 | 0.000000E+00 |
| 2433 | -18.4480 | 10.1250 | 0.000000E+00 |
| 2434 | -10.8420 | 10.1250 | 0.000000E+00 |
| 2435 | -15.5630 | 10.6987 | 0.000000E+00 |
| 2436 | -28.4470 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2437 | -28.4470 | 10.2723 | 0.000000E+00 |
| 2438 | -20.2840 | 10.1250 | 0.000000E+00 |
| 2439 | -25.0050 | 10.6987 | 0.000000E+00 |
| 2440 | -34.4470 | 10.6987 | 0.000000E+00 |
| 2441 | -29.7260 | 10.1250 | 0.000000E+00 |
| 2442 | -40.4490 | 9.12500 | 0.000000E+00 |
| 2443 | -40.4490 | 10.1250 | 0.000000E+00 |
| 2444 | -39.2980 | 10.7420 | 0.000000E+00 |
| 2445 | -52.7010 | 9.12500 | 0.000000E+00 |
| 2446 | -52.7010 | 10.3587 | 0.000000E+00 |
| 2447 | -44.1490 | 10.3583 | 0.000000E+00 |
| 2448 | -49.0000 | 10.7420 | 0.000000E+00 |
| 2449 | -64.7030 | 9.12500 | 0.000000E+00 |
| 2450 | -64.7030 | 10.1250 | 0.000000E+00 |
| 2451 | -53.8510 | 10.1250 | 0.000000E+00 |
| 2452 | -58.7020 | 10.7420 | 0.000000E+00 |
| 2453 | -63.5530 | 10.7420 | 0.000000E+00 |
| 2454 | -76.9550 | 9.12500 | 0.000000E+00 |
| 2455 | -76.9550 | 10.3583 | 0.000000E+00 |
| 2456 | -68.4040 | 10.3587 | 0.000000E+00 |
| 2457 | -73.2550 | 10.7420 | 0.000000E+00 |
| 2458 | -82.9570 | 10.7420 | 0.000000E+00 |
| 2459 | -78.1060 | 10.1250 | 0.000000E+00 |
| 2460 | -88.9610 | 9.12500 | 0.000000E+00 |
| 2461 | -88.9610 | 10.1250 | 0.000000E+00 |
| 2462 | -87.8100 | 10.7427 | 0.000000E+00 |
| 2463 | -101.218 | 9.12500 | 0.000000E+00 |
| 2464 | -101.218 | 10.3590 | 0.000000E+00 |
| 2465 | -92.6630 | 10.3590 | 0.000000E+00 |
| 2466 | -97.5160 | 10.7427 | 0.000000E+00 |
| 2467 | -113.225 | 9.12500 | 0.000000E+00 |
| 2468 | -113.225 | 10.1250 | 0.000000E+00 |
| 2469 | -102.369 | 10.1250 | 0.000000E+00 |
| 2470 | -107.222 | 10.7427 | 0.000000E+00 |
| 2471 | -112.075 | 10.7427 | 0.000000E+00 |
| 2472 | -125.482 | 9.12500 | 0.000000E+00 |
| 2473 | -125.482 | 10.3587 | 0.000000E+00 |
| 2474 | -116.928 | 10.3593 | 0.000000E+00 |
| 2475 | -121.781 | 10.7427 | 0.000000E+00 |
| 2476 | -131.487 | 10.7427 | 0.000000E+00 |
| 2477 | -126.634 | 10.1250 | 0.000000E+00 |
| 2478 | -137.494 | 9.12500 | 0.000000E+00 |
| 2479 | -137.494 | 10.1250 | 0.000000E+00 |
| 2480 | -136.342 | 10.7433 | 0.000000E+00 |
| 2481 | -149.756 | 9.12500 | 0.000000E+00 |
| 2482 | -149.756 | 10.3597 | 0.000000E+00 |
| 2483 | -141.197 | 10.3593 | 0.000000E+00 |
| 2484 | -146.052 | 10.7433 | 0.000000E+00 |
| 2485 | -161.768 | 9.12500 | 0.000000E+00 |
| 2486 | -161.768 | 10.1250 | 0.000000E+00 |
| 2487 | -150.907 | 10.1250 | 0.000000E+00 |
| 2488 | -155.762 | 10.7433 | 0.000000E+00 |
| 2489 | -160.617 | 10.7433 | 0.000000E+00 |
| 2490 | -174.030 | 9.12500 | 0.000000E+00 |
| 2491 | -174.030 | 10.3593 | 0.000000E+00 |
| 2492 | -165.472 | 10.3597 | 0.000000E+00 |
| 2493 | -170.327 | 10.7433 | 0.000000E+00 |
| 2494 | -180.037 | 10.7433 | 0.000000E+00 |
| 2495 | -175.182 | 10.1250 | 0.000000E+00 |
| 2496 | -186.047 | 9.12500 | 0.000000E+00 |
| 2497 | -186.047 | 10.1250 | 0.000000E+00 |
| 2498 | -184.894 | 10.7440 | 0.000000E+00 |
| 2499 | -198.314 | 9.12500 | 0.000000E+00 |
| 2500 | -198.314 | 10.3603 | 0.000000E+00 |
| 2501 | -189.751 | 10.3597 | 0.000000E+00 |
| 2502 | -194.608 | 10.7440 | 0.000000E+00 |
| 2503 | -210.330 | 9.12500 | 0.000000E+00 |
| 2504 | -210.330 | 10.1250 | 0.000000E+00 |
| 2505 | -199.465 | 10.1250 | 0.000000E+00 |
| 2506 | -204.322 | 10.7440 | 0.000000E+00 |
| 2507 | -209.179 | 10.7440 | 0.000000E+00 |
| 2508 | -222.597 | 9.12500 | 0.000000E+00 |
| 2509 | -222.597 | 10.3597 | 0.000000E+00 |
| 2510 | -214.036 | 10.3603 | 0.000000E+00 |
| 2511 | -218.893 | 10.7440 | 0.000000E+00 |
| 2512 | -228.607 | 10.7440 | 0.000000E+00 |
| 2513 | -223.750 | 10.1250 | 0.000000E+00 |
| 2514 | -234.616 | 9.12500 | 0.000000E+00 |
| 2515 | -234.616 | 10.1250 | 0.000000E+00 |
| 2516 | -233.465 | 10.7443 | 0.000000E+00 |
| 2517 | -246.887 | 9.12500 | 0.000000E+00 |
| 2518 | -246.887 | 10.3603 | 0.000000E+00 |
| 2519 | -238.323 | 10.3607 | 0.000000E+00 |
| 2520 | -243.181 | 10.7443 | 0.000000E+00 |
| 2521 | -258.907 | 9.12500 | 0.000000E+00 |
| 2522 | -258.907 | 10.1250 | 0.000000E+00 |
| 2523 | -248.039 | 10.1250 | 0.000000E+00 |
| 2524 | -252.897 | 10.7443 | 0.000000E+00 |
| 2525 | -257.755 | 10.7443 | 0.000000E+00 |
| 2526 | -271.178 | 9.12500 | 0.000000E+00 |
| 2527 | -271.178 | 10.3607 | 0.000000E+00 |
| 2528 | -262.613 | 10.3603 | 0.000000E+00 |
| 2529 | -267.471 | 10.7443 | 0.000000E+00 |
| 2530 | -277.187 | 10.7443 | 0.000000E+00 |
| 2531 | -272.329 | 10.1250 | 0.000000E+00 |
| 2532 | -283.198 | 9.12500 | 0.000000E+00 |
| 2533 | -283.198 | 10.1250 | 0.000000E+00 |
| 2534 | -282.046 | 10.7447 | 0.000000E+00 |
| 2535 | -295.471 | 9.12500 | 0.000000E+00 |
| 2536 | -295.471 | 10.3607 | 0.000000E+00 |
| 2537 | -286.905 | 10.3607 | 0.000000E+00 |
| 2538 | -291.764 | 10.7447 | 0.000000E+00 |
| 2539 | -307.493 | 9.12500 | 0.000000E+00 |
| 2540 | -307.493 | 10.1250 | 0.000000E+00 |
| 2541 | -296.623 | 10.1250 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2542 | -301.482 | 10.7447 | 0.000000E+00 |
| 2543 | -306.341 | 10.7447 | 0.000000E+00 |
| 2544 | -319.766 | 9.12500 | 0.000000E+00 |
| 2545 | -319.766 | 10.3607 | 0.000000E+00 |
| 2546 | -311.200 | 10.3607 | 0.000000E+00 |
| 2547 | -316.059 | 10.7447 | 0.000000E+00 |
| 2548 | -325.777 | 10.7447 | 0.000000E+00 |
| 2549 | -320.918 | 10.1250 | 0.000000E+00 |
| 2550 | -331.783 | 9.12500 | 0.000000E+00 |
| 2551 | -331.783 | 10.1250 | 0.000000E+00 |
| 2552 | -330.639 | 10.7456 | 0.000000E+00 |
| 2553 | -341.792 | 9.12500 | 0.000000E+00 |
| 2554 | -341.792 | 10.1250 | 0.000000E+00 |
| 2555 | -335.500 | 10.3641 | 0.000000E+00 |
| 2556 | -340.362 | 10.7456 | 0.000000E+00 |
| 2557 | -351.801 | 9.12500 | 0.000000E+00 |
| 2558 | -351.801 | 10.1250 | 0.000000E+00 |
| 2559 | -345.224 | 10.2690 | 0.000000E+00 |
| 2560 | -350.086 | 10.7456 | 0.000000E+00 |
| 2561 | -359.809 | 10.7456 | 0.000000E+00 |
| 2562 | -354.947 | 10.1738 | 0.000000E+00 |
| 2563 | -360.409 | 10.1250 | 0.000000E+00 |
| 2564 | -1.40000 | 10.1250 | 0.000000E+00 |
| 2565 | -0.400000 | 10.1250 | 0.000000E+00 |
| 2566 | 407.610 | 10.1250 | 0.000000E+00 |
| 2567 | -360.409 | 5.62500 | 0.000000E+00 |
| 2568 | -359.242 | 9.12500 | 0.000000E+00 |
| 2569 | -359.242 | 5.62500 | 0.000000E+00 |
| 2570 | -0.500000 | 5.62500 | 0.000000E+00 |
| 2571 | 0.666667 | 9.12500 | 0.000000E+00 |
| 2572 | 0.666667 | 5.62500 | 0.000000E+00 |
| 2573 | -0.400000 | 5.62500 | 0.000000E+00 |
| 2574 | 0.766667 | 9.12500 | 0.000000E+00 |
| 2575 | 0.766667 | 5.62500 | 0.000000E+00 |
| 2576 | 408.210 | 5.62500 | 0.000000E+00 |
| 2577 | 409.377 | 9.12500 | 0.000000E+00 |
| 2578 | 409.377 | 5.62500 | 0.000000E+00 |
| 2579 | 407.610 | 9.12500 | -2.50000 |
| 2580 | 407.610 | 8.12500 | -2.50000 |
| 2581 | -359.809 | 2.12500 | -2.50000 |
| 2582 | -359.809 | 9.12500 | -2.50000 |
| 2583 | 407.610 | 2.12500 | -2.50000 |
| 2584 | 407.610 | 9.12500 | -2.50000 |
| 2585 | -361.409 | 5.62500 | 0.000000E+00 |
| 2586 | 409.210 | 5.62500 | 0.000000E+00 |
| 2587 | -359.809 | 5.62500 | -2.90000 |
| 2588 | -325.777 | 5.62500 | -8.80000 |
| 2589 | -277.187 | 5.62500 | -9.30000 |
| 2590 | -228.607 | 5.62500 | -9.80000 |
| 2591 | -180.037 | 5.62500 | -10.3000 |
| 2592 | -131.487 | 5.62500 | -10.5500 |
| 2593 | -82.9570 | 5.62500 | -11.3000 |
| 2594 | -34.4470 | 5.62500 | -11.5500 |
| 2595 | -0.447000 | 5.62500 | -12.3000 |
| 2596 | 33.5470 | 5.62500 | -11.8000 |
| 2597 | 82.0570 | 5.62500 | -11.3000 |
| 2598 | 130.587 | 5.62500 | -11.3000 |
| 2599 | 179.137 | 5.62500 | -11.0500 |
| 2600 | 227.707 | 5.62500 | -10.3000 |
| 2601 | 276.287 | 5.62500 | -10.3000 |
| 2602 | 324.877 | 5.62500 | -10.5500 |
| 2603 | 373.578 | 5.62500 | -10.5500 |
| 2604 | 407.610 | 5.62500 | -2.90000 |
| 2605 | -359.809 | 2.12500 | -2.50000 |
| 2606 | -359.809 | 9.12500 | -2.50000 |
| 2607 | 0.500000 | 2.12500 | -2.50000 |
| 2608 | 0.500000 | 9.12500 | -2.50000 |
| 2609 | 407.610 | 2.12500 | -2.50000 |
| 2610 | 407.610 | 9.12500 | -2.50000 |
| 2611 | -359.809 | 5.62500 | -2.90000 |
| 2612 | 407.610 | 5.62500 | -2.90000 |
| 2613 | -358.809 | 2.12500 | -2.50000 |
| 2614 | -359.809 | 3.12500 | -2.50000 |
| 2615 | -358.809 | 9.12500 | -2.50000 |
| 2616 | -359.809 | 10.1250 | -2.50000 |
| 2617 | -324.777 | 2.12500 | -2.50000 |
| 2618 | -325.777 | 3.12500 | -2.50000 |
| 2619 | -324.777 | 9.12500 | -2.50000 |
| 2620 | -325.777 | 10.1250 | -2.50000 |
| 2621 | -276.187 | 2.12500 | -2.50000 |
| 2622 | -277.187 | 3.12500 | -2.50000 |
| 2623 | -276.187 | 9.12500 | -2.50000 |
| 2624 | -277.187 | 10.1250 | -2.50000 |
| 2625 | -227.607 | 2.12500 | -2.50000 |
| 2626 | -228.607 | 3.12500 | -2.50000 |
| 2627 | -227.607 | 9.12500 | -2.50000 |
| 2628 | -228.607 | 10.1250 | -2.50000 |
| 2629 | -179.037 | 2.12500 | -2.50000 |
| 2630 | -180.037 | 3.12500 | -2.50000 |
| 2631 | -179.037 | 9.12500 | -2.50000 |
| 2632 | -180.037 | 10.1250 | -2.50000 |
| 2633 | -130.487 | 2.12500 | -2.50000 |
| 2634 | -131.487 | 3.12500 | -2.50000 |
| 2635 | -130.487 | 9.12500 | -2.50000 |
| 2636 | -131.487 | 10.1250 | -2.50000 |
| 2637 | -81.9570 | 2.12500 | -2.50000 |
| 2638 | -82.9570 | 3.12500 | -2.50000 |
| 2639 | -81.9570 | 9.12500 | -2.50000 |
| 2640 | -82.9570 | 10.1250 | -2.50000 |
| 2641 | -33.4470 | 2.12500 | -2.50000 |
| 2642 | -34.4470 | 3.12500 | -2.50000 |
| 2643 | -33.4470 | 9.12500 | -2.50000 |
| 2644 | -34.4470 | 10.1250 | -2.50000 |
| 2645 | -0.400000 | 2.12500 | -2.50000 |
| 2646 | -1.40000 | 3.12500 | -2.50000 |

| | | | |
|------|-----------|---------|--------------|
| 2647 | -0.400000 | 9.12500 | -2.50000 |
| 2648 | -1.40000 | 10.1250 | -2.50000 |
| 2649 | 1.50000 | 2.12500 | -2.50000 |
| 2650 | 0.500000 | 3.12500 | -2.50000 |
| 2651 | 1.50000 | 9.12500 | -2.50000 |
| 2652 | 0.500000 | 10.1250 | -2.50000 |
| 2653 | 34.5470 | 2.12500 | -2.50000 |
| 2654 | 33.5470 | 3.12500 | -2.50000 |
| 2655 | 34.5470 | 9.12500 | -2.50000 |
| 2656 | 33.5470 | 10.1250 | -2.50000 |
| 2657 | 83.0570 | 2.12500 | -2.50000 |
| 2658 | 82.0570 | 3.12500 | -2.50000 |
| 2659 | 83.0570 | 9.12500 | -2.50000 |
| 2660 | 82.0570 | 10.1250 | -2.50000 |
| 2661 | 131.587 | 2.12500 | -2.50000 |
| 2662 | 130.587 | 3.12500 | -2.50000 |
| 2663 | 131.587 | 9.12500 | -2.50000 |
| 2664 | 130.587 | 10.1250 | -2.50000 |
| 2665 | 180.137 | 2.12500 | -2.50000 |
| 2666 | 179.137 | 3.12500 | -2.50000 |
| 2667 | 180.137 | 9.12500 | -2.50000 |
| 2668 | 179.137 | 10.1250 | -2.50000 |
| 2669 | 228.707 | 2.12500 | -2.50000 |
| 2670 | 227.707 | 3.12500 | -2.50000 |
| 2671 | 228.707 | 9.12500 | -2.50000 |
| 2672 | 227.707 | 10.1250 | -2.50000 |
| 2673 | 277.287 | 2.12500 | -2.50000 |
| 2674 | 276.287 | 3.12500 | -2.50000 |
| 2675 | 277.287 | 9.12500 | -2.50000 |
| 2676 | 276.287 | 10.1250 | -2.50000 |
| 2677 | 325.877 | 2.12500 | -2.50000 |
| 2678 | 324.877 | 3.12500 | -2.50000 |
| 2679 | 325.877 | 9.12500 | -2.50000 |
| 2680 | 324.877 | 10.1250 | -2.50000 |
| 2681 | 374.578 | 2.12500 | -2.50000 |
| 2682 | 373.578 | 3.12500 | -2.50000 |
| 2683 | 374.578 | 9.12500 | -2.50000 |
| 2684 | 373.578 | 10.1250 | -2.50000 |
| 2685 | 406.610 | 2.12500 | -2.50000 |
| 2686 | 407.610 | 1.12500 | -2.50000 |
| 2687 | 406.610 | 9.12500 | -2.50000 |
| 2688 | 407.610 | 8.12500 | -2.50000 |
| 2689 | -360.409 | 5.62500 | 0.000000E+00 |
| 2690 | -361.409 | 6.62500 | 0.000000E+00 |
| 2691 | 0.500000 | 5.62500 | 0.000000E+00 |
| 2692 | -0.500000 | 6.62500 | 0.000000E+00 |
| 2693 | 408.210 | 5.62500 | 0.000000E+00 |
| 2694 | 409.210 | 4.62500 | 0.000000E+00 |
| 2695 | -358.809 | 5.62500 | -2.90000 |
| 2696 | -359.809 | 6.62500 | -2.90000 |
| 2697 | -324.777 | 5.62500 | -8.80000 |
| 2698 | -325.777 | 6.62500 | -8.80000 |
| 2699 | -276.187 | 5.62500 | -9.30000 |
| 2700 | -277.187 | 6.62500 | -9.30000 |
| 2701 | -227.607 | 5.62500 | -9.80000 |
| 2702 | -228.607 | 6.62500 | -9.80000 |
| 2703 | -179.037 | 5.62500 | -10.3000 |
| 2704 | -180.037 | 6.62500 | -10.3000 |
| 2705 | -130.487 | 5.62500 | -10.5500 |
| 2706 | -131.487 | 6.62500 | -10.5500 |
| 2707 | -81.9570 | 5.62500 | -11.3000 |
| 2708 | -82.9570 | 6.62500 | -11.3000 |
| 2709 | -33.4470 | 5.62500 | -11.5500 |
| 2710 | -34.4470 | 6.62500 | -11.5500 |
| 2711 | 0.553000 | 5.62500 | -12.3000 |
| 2712 | -0.447000 | 6.62500 | -12.3000 |
| 2713 | 34.5470 | 5.62500 | -11.8000 |
| 2714 | 33.5470 | 6.62500 | -11.8000 |
| 2715 | 83.0570 | 5.62500 | -11.3000 |
| 2716 | 82.0570 | 6.62500 | -11.3000 |
| 2717 | 131.587 | 5.62500 | -11.3000 |
| 2718 | 130.587 | 6.62500 | -11.3000 |
| 2719 | 180.137 | 5.62500 | -11.0500 |
| 2720 | 179.137 | 6.62500 | -11.0500 |
| 2721 | 228.707 | 5.62500 | -10.3000 |
| 2722 | 227.707 | 6.62500 | -10.3000 |
| 2723 | 277.287 | 5.62500 | -10.3000 |
| 2724 | 276.287 | 6.62500 | -10.3000 |
| 2725 | 325.877 | 5.62500 | -10.5500 |
| 2726 | 324.877 | 6.62500 | -10.5500 |
| 2727 | 374.578 | 5.62500 | -10.5500 |
| 2728 | 373.578 | 6.62500 | -10.5500 |
| 2729 | 408.610 | 5.62500 | -2.90000 |
| 2730 | 407.610 | 6.62500 | -2.90000 |
| 2731 | -358.809 | 2.12500 | -2.50000 |
| 2732 | -359.809 | 3.12500 | -2.50000 |
| 2733 | -358.809 | 9.12500 | -2.50000 |
| 2734 | -359.809 | 10.1250 | -2.50000 |
| 2735 | 1.50000 | 2.12500 | -2.50000 |
| 2736 | 0.500000 | 3.12500 | -2.50000 |
| 2737 | 1.50000 | 9.12500 | -2.50000 |
| 2738 | 0.500000 | 10.1250 | -2.50000 |
| 2739 | 406.610 | 2.12500 | -2.50000 |
| 2740 | 407.610 | 1.12500 | -2.50000 |
| 2741 | 406.610 | 9.12500 | -2.50000 |
| 2742 | 407.610 | 8.12500 | -2.50000 |

TOTAL NUMBER OF NODES = 2742
LARGEST NODE NUMBER = 2742

DATA STORAGE LOCATIONS USED = 19194

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

C1 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 1 | 1ST NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.1773E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C1 (Bridge deck - girder with top slab) with BDM_Phase2a
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 27 | 1ST NODE | AREA =4.062 | IYY =4.436 | IZZ =5.682 | KT =0.2578E-01 | ASZ =2.098 | | | |
| | | ASY =2.314 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =4.062 | IYY =4.436 | IZZ =5.682 | KT =0.2578E-01 | ASZ =2.098 | | | |
| | | ASY =2.314 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.1106E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C2 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 2 | 1ST NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.2002E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C2 (Bridge deck - girder with top slab) with BDM_Phase2a
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 28 | 1ST NODE | AREA =4.428 | IYY =5.414 | IZZ =5.853 | KT =0.2633E-01 | ASZ =2.101 | | | |
| | | ASY =2.599 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =4.428 | IYY =5.414 | IZZ =5.853 | KT =0.2633E-01 | ASZ =2.101 | | | |
| | | ASY =2.599 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.1206E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|----------------|----------|-------------|------------|------------|----------------|------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 3 | 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | |

| | | | | | |
|----------|-------------|----------------|----------------|-----------------|------------|
| 2ND NODE | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | ASZ =1.686 |
| | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase2a
PROPERTY

| | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|
| BMI21 ELEMENTS | | | | | |
| 29 1ST NODE | AREA =4.512 | IYY =5.481 | IZZ =5.844 | KT =0.2636E-01 | ASZ =2.176 |
| | ASY =2.600 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =4.512 | IYY =5.481 | IZZ =5.844 | KT =0.2636E-01 | ASZ =2.176 |
| | ASY =2.600 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.1226E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C4_cracked (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|
| BMI21 ELEMENTS | | | | | |
| 4 1ST NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.4794E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C4_cracked (Bridge deck - girder with top slab) with BDM_Phase2a
PROPERTY

| | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|
| BMI21 ELEMENTS | | | | | |
| 30 1ST NODE | AREA =3.645 | IYY =4.763 | IZZ =2.629 | KT =0.2702E-01 | ASZ =2.253 |
| | ASY =2.812 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =3.645 | IYY =4.763 | IZZ =2.629 | KT =0.2702E-01 | ASZ =2.253 |
| | ASY =2.812 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.1743E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|
| BMI21 ELEMENTS | | | | | |
| 5 1ST NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 |
| | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 |
| | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.1951E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase2a
 PROPERTY

BMI21 ELEMENTS
 31 1ST NODE AREA =4.343 IYY =5.378 IZZ =5.962 KT =0.2625E-01 ASZ =2.099
 ASY =2.533 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =4.343 IYY =5.378 IZZ =5.962 KT =0.2625E-01 ASZ =2.099
 ASY =2.533 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 0.1184E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
 PROPERTY

BMI21 ELEMENTS
 6 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 8.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 0.2051E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase2a
 PROPERTY

BMI21 ELEMENTS
 32 1ST NODE AREA =4.512 IYY =5.481 IZZ =5.844 KT =0.2636E-01 ASZ =2.176
 ASY =2.600 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =4.512 IYY =5.481 IZZ =5.844 KT =0.2636E-01 ASZ =2.176
 ASY =2.600 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 0.1226E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_riva (Sct5 (RSS D=0.3 B=4.72)) & modifier_Jz_soletta
 PROPERTY

BMI21 ELEMENTS
 7 1ST NODE AREA =1.416 IYY =0.1062E-01 IZZ =2.629 KT =0.4078E-01 ASZ =1.182
 ASY =1.180 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =1.416 IYY =0.1062E-01 IZZ =2.629 KT =0.4078E-01 ASZ =1.182
 ASY =1.180 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_interne (Sct7 (RSS D=0.3 B=4.86)) & modifier_Jz_soletta
PROPERTY

```
BMI21 ELEMENTS
8 1ST NODE AREA =1.458 IYY =0.1093E-01 IZZ =2.870 KT =0.4204E-01 ASZ =1.217
   ASY =1.215 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.458 IYY =0.1093E-01 IZZ =2.870 KT =0.4204E-01 ASZ =1.217
   ASY =1.215 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000
```

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

el_soletta_riva_terminali (Sct4 (RSS D=0.3 B=2.9)) & modifier_Jz_soletta
PROPERTY

```
BMI21 ELEMENTS
9 1ST NODE AREA =0.8700 IYY =0.6525E-02 IZZ =0.6097 KT =0.2440E-01 ASZ =0.7258
   ASY =0.7250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.8700 IYY =0.6525E-02 IZZ =0.6097 KT =0.2440E-01 ASZ =0.7258
   ASY =0.7250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000
```

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

el_soletta_riva_estremi (el_soletta_estremi (RSS D=0.3 B=0.05)) & modifier_Jz_soletta
PROPERTY

```
BMI21 ELEMENTS
10 1ST NODE AREA =0.1500E-01 IYY =0.1125E-03 IZZ =0.3125E-05 KT =0.1119E-04 ASZ =0.1250E-01
   ASY =0.1251E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1500E-01 IYY =0.1125E-03 IZZ =0.3125E-05 KT =0.1119E-04 ASZ =0.1250E-01
   ASY =0.1251E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000
```

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

traversi_appoggio (Sct1 (I D=1 B=0.3 tf=0.02 tw=0.018 r=0))
PROPERTY

```
BMI21 ELEMENTS
11 1ST NODE AREA =0.2928E-01 IYY =0.4209E-02 IZZ =0.9047E-04 KT =0.3477E-05 ASZ =0.1703E-01
   ASY =0.1027E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2928E-01 IYY =0.4209E-02 IZZ =0.9047E-04 KT =0.3477E-05 ASZ =0.1703E-01
   ASY =0.1027E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
```

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

traversi_intermedi (Sct2 (I D=1 B=0.3 tf=0.02 tw=0.015 r=0))
PROPERTY

```
BMI21 ELEMENTS
12 1ST NODE AREA =0.2640E-01 IYY =0.3988E-02 IZZ =0.9027E-04 KT =0.2665E-05 ASZ =0.1428E-01
   ASY =0.1017E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2640E-01 IYY =0.3988E-02 IZZ =0.9027E-04 KT =0.2665E-05 ASZ =0.1428E-01
   ASY =0.1017E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
```

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

Pulvino_pila_corrente (Pulvino_corrente (RSS D=2.5 B=1.8))
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 13 | 1ST NODE | AREA | =4.500 | IYY | =2.344 | IZZ | =1.215 | KT | =2.710 | ASZ | =3.750 |
| | | ASY | =3.751 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =4.500 | IYY | =2.344 | IZZ | =1.215 | KT | =2.710 | ASZ | =3.750 |
| | | ASY | =3.751 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

rigid
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|
| 14 | 1ST NODE | AREA | =10.00 | IYY | =100.0 | IZZ | =100.0 | KT | =100.0 | ASZ | =0.1000E+05 |
| | | ASY | =0.1000E+05 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =10.00 | IYY | =100.0 | IZZ | =100.0 | KT | =100.0 | ASZ | =0.1000E+05 |
| | | ASY | =0.1000E+05 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

Pila Corrente (Fusto_pila_tipo)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|--------------|-----|--------|
| 15 | 1ST NODE | AREA | =6.927 | IYY | =7.940 | IZZ | =23.78 | KT | =22.73 | ASZ | =1.720 |
| | | ASY | =4.929 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =-0.2837E-13 | | |
| | 2ND NODE | AREA | =6.927 | IYY | =7.940 | IZZ | =23.78 | KT | =22.73 | ASZ | =1.720 |
| | | ASY | =4.929 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =-0.2837E-13 | | |

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

Plinto_Pila_corrente (Plinto_corrente (RSS D=9.6 B=6) R90)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 16 | 1ST NODE | AREA | =57.60 | IYY | =172.8 | IZZ | =442.4 | KT | =422.5 | ASZ | =48.01 |
| | | ASY | =48.00 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =57.60 | IYY | =172.8 | IZZ | =442.4 | KT | =422.5 | ASZ | =48.01 |
| | | ASY | =48.00 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

Pulvino_pila_P8 (Pulvino_P8 (RSS D=2.5 B=3.3))
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 17 | 1ST NODE | AREA | =8.250 | IYY | =4.297 | IZZ | =7.487 | KT | =9.236 | ASZ | =6.876 |
| | | ASY | =6.876 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =8.250 | IYY | =4.297 | IZZ | =7.487 | KT | =9.236 | ASZ | =6.876 |
| | | ASY | =6.876 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

Plinto_Pila_P8 (Plinto_P8 (RSS D=9.6 B=9.6) R90)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 18 | 1ST NODE | AREA | =92.16 | IYY | =707.8 | IZZ | =707.8 | KT | =1194. | ASZ | =76.81 |
| | | ASY | =76.81 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =92.16 | IYY | =707.8 | IZZ | =707.8 | KT | =1194. | ASZ | =76.81 |
| | | ASY | =76.81 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

PilaP8 (Fusto_P8)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 19 | 1ST NODE | AREA | =12.78 | IYY | =32.10 | IZZ | =42.31 | KT | =62.60 | ASZ | =3.264 |
| | | ASY | =9.320 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.2595E-13 | | |
| | 2ND NODE | AREA | =12.78 | IYY | =32.10 | IZZ | =42.31 | KT | =62.60 | ASZ | =3.264 |
| | | ASY | =9.320 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.2595E-13 | | |

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

joints
PROPERTY

JSH4 ELEMENTS
20 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 2132

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

| FIRST ELEMENT | LAST ELEMENT | DIFF- ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|------------------|-----------------|-----------------|------------------|------------------|
| 1 | 4 | 1 | 14 | 32 |
| 5 | 8 | 1 | 13 | 31 |
| 9 | 0 | 0 | 14 | 32 |
| 10 | 17 | 1 | 15 | 33 |
| 18 | 19 | 1 | 14 | 32 |
| 20 | 23 | 1 | 13 | 31 |
| 24 | 0 | 0 | 14 | 32 |
| 25 | 32 | 1 | 15 | 33 |
| 33 | 34 | 1 | 14 | 32 |
| 35 | 36 | 1 | 16 | 34 |
| 37 | 38 | 1 | 14 | 32 |
| 39 | 42 | 1 | 13 | 31 |
| 43 | 0 | 0 | 14 | 32 |
| 44 | 51 | 1 | 15 | 33 |
| 52 | 0 | 0 | 16 | 34 |
| 53 | 56 | 1 | 14 | 32 |
| 57 | 60 | 1 | 13 | 31 |
| 61 | 0 | 0 | 14 | 32 |
| 62 | 69 | 1 | 15 | 33 |
| 70 | 0 | 0 | 16 | 34 |
| 71 | 74 | 1 | 14 | 32 |
| 75 | 78 | 1 | 13 | 31 |
| 79 | 0 | 0 | 14 | 32 |
| 80 | 87 | 1 | 15 | 33 |
| 88 | 0 | 0 | 16 | 34 |
| 89 | 92 | 1 | 14 | 32 |
| 93 | 96 | 1 | 13 | 31 |
| 97 | 0 | 0 | 14 | 32 |
| 98 | 105 | 1 | 15 | 33 |
| 106 | 0 | 0 | 16 | 34 |
| 107 | 110 | 1 | 14 | 32 |
| 111 | 114 | 1 | 13 | 31 |
| 115 | 0 | 0 | 14 | 32 |
| 116 | 123 | 1 | 15 | 33 |
| 124 | 0 | 0 | 16 | 34 |
| 125 | 128 | 1 | 14 | 32 |
| 129 | 132 | 1 | 13 | 31 |
| 133 | 0 | 0 | 14 | 32 |
| 134 | 141 | 1 | 15 | 33 |
| 142 | 0 | 0 | 16 | 34 |
| 143 | 146 | 1 | 14 | 32 |
| 147 | 150 | 1 | 13 | 31 |
| 151 | 0 | 0 | 14 | 32 |
| 152 | 159 | 1 | 15 | 33 |
| 160 | 0 | 0 | 16 | 34 |
| 161 | 164 | 1 | 14 | 32 |
| 165 | 168 | 1 | 13 | 31 |
| 169 | 0 | 0 | 14 | 32 |
| 170 | 177 | 1 | 15 | 33 |
| 178 | 0 | 0 | 16 | 34 |
| 179 | 182 | 1 | 14 | 32 |
| 183 | 186 | 1 | 13 | 31 |
| 187 | 0 | 0 | 14 | 32 |
| 188 | 195 | 1 | 15 | 33 |
| 196 | 0 | 0 | 16 | 34 |
| 197 | 200 | 1 | 14 | 32 |
| 201 | 204 | 1 | 13 | 31 |
| 205 | 0 | 0 | 14 | 32 |
| 206 | 213 | 1 | 15 | 33 |
| 214 | 0 | 0 | 16 | 34 |
| 215 | 218 | 1 | 14 | 32 |
| 219 | 222 | 1 | 13 | 31 |
| 223 | 0 | 0 | 14 | 32 |
| 224 | 231 | 1 | 15 | 33 |
| 232 | 0 | 0 | 16 | 34 |
| 233 | 236 | 1 | 14 | 32 |
| 237 | 240 | 1 | 13 | 31 |
| 241 | 0 | 0 | 14 | 32 |
| 242 | 249 | 1 | 15 | 33 |
| 250 | 0 | 0 | 16 | 34 |
| 251 | 254 | 1 | 14 | 32 |
| 255 | 258 | 1 | 13 | 31 |
| 259 | 0 | 0 | 14 | 32 |
| 260 | 267 | 1 | 15 | 33 |
| 268 | 0 | 0 | 16 | 34 |
| 269 | 270 | 1 | 14 | 32 |
| 271 | 274 | 1 | 17 | 35 |
| 275 | 0 | 0 | 14 | 32 |
| 276 | 283 | 1 | 19 | 37 |

| | | | | |
|------|------|---|----|----|
| 284 | 0 | 0 | 18 | 36 |
| 285 | 333 | 1 | 14 | 32 |
| 334 | 338 | 1 | 11 | 27 |
| 339 | 479 | 1 | 12 | 28 |
| 480 | 493 | 1 | 11 | 27 |
| 494 | 0 | 0 | 9 | 17 |
| 495 | 496 | 1 | 8 | 16 |
| 497 | 521 | 1 | 7 | 15 |
| 522 | 629 | 1 | 8 | 16 |
| 630 | 638 | 1 | 7 | 15 |
| 639 | 645 | 1 | 8 | 16 |
| 646 | 647 | 1 | 9 | 17 |
| 648 | 652 | 1 | 8 | 16 |
| 653 | 0 | 0 | 9 | 17 |
| 654 | 655 | 1 | 8 | 16 |
| 656 | 673 | 1 | 7 | 15 |
| 674 | 781 | 1 | 8 | 16 |
| 782 | 790 | 1 | 7 | 15 |
| 791 | 797 | 1 | 8 | 16 |
| 798 | 799 | 1 | 9 | 17 |
| 800 | 804 | 1 | 8 | 16 |
| 805 | 808 | 1 | 10 | 18 |
| 809 | 0 | 0 | 9 | 17 |
| 810 | 811 | 1 | 8 | 16 |
| 812 | 829 | 1 | 7 | 15 |
| 830 | 937 | 1 | 8 | 16 |
| 938 | 946 | 1 | 7 | 15 |
| 947 | 953 | 1 | 8 | 16 |
| 954 | 955 | 1 | 9 | 17 |
| 956 | 960 | 1 | 8 | 16 |
| 961 | 964 | 1 | 10 | 18 |
| 965 | 967 | 1 | 7 | 15 |
| 968 | 0 | 0 | 9 | 17 |
| 969 | 972 | 1 | 7 | 15 |
| 973 | 0 | 0 | 9 | 17 |
| 974 | 980 | 1 | 7 | 15 |
| 981 | 0 | 0 | 9 | 17 |
| 982 | 983 | 1 | 27 | 1 |
| 984 | 986 | 1 | 31 | 11 |
| 987 | 989 | 1 | 32 | 13 |
| 990 | 993 | 1 | 30 | 10 |
| 994 | 996 | 1 | 29 | 7 |
| 997 | 1000 | 1 | 28 | 3 |
| 1001 | 1003 | 1 | 29 | 7 |
| 1004 | 1007 | 1 | 30 | 10 |
| 1008 | 1010 | 1 | 29 | 7 |
| 1011 | 1014 | 1 | 28 | 3 |
| 1015 | 1017 | 1 | 29 | 7 |
| 1018 | 1021 | 1 | 30 | 10 |
| 1022 | 1024 | 1 | 29 | 7 |
| 1025 | 1028 | 1 | 28 | 3 |
| 1029 | 1031 | 1 | 29 | 7 |
| 1032 | 1035 | 1 | 30 | 10 |
| 1036 | 1038 | 1 | 29 | 7 |
| 1039 | 1042 | 1 | 28 | 3 |
| 1043 | 1045 | 1 | 29 | 7 |
| 1046 | 1049 | 1 | 30 | 10 |
| 1050 | 1052 | 1 | 29 | 7 |
| 1053 | 1056 | 1 | 28 | 3 |
| 1057 | 1059 | 1 | 29 | 7 |
| 1060 | 1063 | 1 | 30 | 10 |
| 1064 | 1066 | 1 | 29 | 7 |
| 1067 | 1070 | 1 | 28 | 3 |
| 1071 | 1073 | 1 | 29 | 7 |
| 1074 | 1077 | 1 | 30 | 10 |
| 1078 | 1080 | 1 | 29 | 7 |
| 1081 | 1084 | 1 | 28 | 3 |
| 1085 | 1087 | 1 | 29 | 7 |
| 1088 | 1091 | 1 | 30 | 10 |
| 1092 | 1094 | 1 | 32 | 13 |
| 1095 | 1097 | 1 | 31 | 11 |
| 1098 | 1101 | 1 | 27 | 1 |
| 1102 | 1104 | 1 | 31 | 11 |
| 1105 | 1107 | 1 | 32 | 13 |
| 1108 | 1111 | 1 | 30 | 10 |
| 1112 | 1114 | 1 | 29 | 7 |
| 1115 | 1118 | 1 | 28 | 3 |
| 1119 | 1121 | 1 | 29 | 7 |
| 1122 | 1125 | 1 | 30 | 10 |
| 1126 | 1128 | 1 | 29 | 7 |
| 1129 | 1132 | 1 | 28 | 3 |
| 1133 | 1135 | 1 | 29 | 7 |
| 1136 | 1139 | 1 | 30 | 10 |
| 1140 | 1142 | 1 | 29 | 7 |
| 1143 | 1146 | 1 | 28 | 3 |
| 1147 | 1149 | 1 | 29 | 7 |
| 1150 | 1153 | 1 | 30 | 10 |
| 1154 | 1156 | 1 | 29 | 7 |
| 1157 | 1160 | 1 | 28 | 3 |
| 1161 | 1163 | 1 | 29 | 7 |
| 1164 | 1167 | 1 | 30 | 10 |
| 1168 | 1170 | 1 | 29 | 7 |
| 1171 | 1174 | 1 | 28 | 3 |
| 1175 | 1177 | 1 | 29 | 7 |
| 1178 | 1181 | 1 | 30 | 10 |
| 1182 | 1184 | 1 | 29 | 7 |
| 1185 | 1188 | 1 | 28 | 3 |
| 1189 | 1191 | 1 | 29 | 7 |
| 1192 | 1195 | 1 | 30 | 10 |
| 1196 | 1198 | 1 | 29 | 7 |
| 1199 | 1201 | 1 | 31 | 11 |
| 1202 | 1209 | 1 | 27 | 1 |
| 1210 | 1212 | 1 | 31 | 11 |
| 1213 | 1215 | 1 | 32 | 13 |
| 1216 | 1219 | 1 | 30 | 10 |

| | | | | |
|------|------|---|----|----|
| 1220 | 1222 | 1 | 29 | 7 |
| 1223 | 1226 | 1 | 28 | 3 |
| 1227 | 1229 | 1 | 29 | 7 |
| 1230 | 1233 | 1 | 30 | 10 |
| 1234 | 1236 | 1 | 29 | 7 |
| 1237 | 1240 | 1 | 28 | 3 |
| 1241 | 1243 | 1 | 29 | 7 |
| 1244 | 1247 | 1 | 30 | 10 |
| 1248 | 1250 | 1 | 29 | 7 |
| 1251 | 1254 | 1 | 28 | 3 |
| 1255 | 1257 | 1 | 29 | 7 |
| 1258 | 1261 | 1 | 30 | 10 |
| 1262 | 1264 | 1 | 29 | 7 |
| 1265 | 1268 | 1 | 28 | 3 |
| 1269 | 1271 | 1 | 29 | 7 |
| 1272 | 1275 | 1 | 30 | 10 |
| 1276 | 1278 | 1 | 29 | 7 |
| 1279 | 1282 | 1 | 28 | 3 |
| 1283 | 1285 | 1 | 29 | 7 |
| 1286 | 1289 | 1 | 30 | 10 |
| 1290 | 1292 | 1 | 29 | 7 |
| 1293 | 1296 | 1 | 28 | 3 |
| 1297 | 1299 | 1 | 29 | 7 |
| 1300 | 1303 | 1 | 30 | 10 |
| 1304 | 1306 | 1 | 29 | 7 |
| 1307 | 1310 | 1 | 28 | 3 |
| 1311 | 1313 | 1 | 29 | 7 |
| 1314 | 1317 | 1 | 30 | 10 |
| 1318 | 1320 | 1 | 32 | 13 |
| 1321 | 1323 | 1 | 31 | 11 |
| 1324 | 1327 | 1 | 27 | 1 |
| 1328 | 1330 | 1 | 31 | 11 |
| 1331 | 1333 | 1 | 32 | 13 |
| 1334 | 1337 | 1 | 30 | 10 |
| 1338 | 1340 | 1 | 29 | 7 |
| 1341 | 1344 | 1 | 28 | 3 |
| 1345 | 1347 | 1 | 29 | 7 |
| 1348 | 1351 | 1 | 30 | 10 |
| 1352 | 1354 | 1 | 29 | 7 |
| 1355 | 1358 | 1 | 28 | 3 |
| 1359 | 1361 | 1 | 29 | 7 |
| 1362 | 1365 | 1 | 30 | 10 |
| 1366 | 1368 | 1 | 29 | 7 |
| 1369 | 1372 | 1 | 28 | 3 |
| 1373 | 1375 | 1 | 29 | 7 |
| 1376 | 1379 | 1 | 30 | 10 |
| 1380 | 1382 | 1 | 29 | 7 |
| 1383 | 1386 | 1 | 28 | 3 |
| 1387 | 1389 | 1 | 29 | 7 |
| 1390 | 1393 | 1 | 30 | 10 |
| 1394 | 1396 | 1 | 29 | 7 |
| 1397 | 1400 | 1 | 28 | 3 |
| 1401 | 1403 | 1 | 29 | 7 |
| 1404 | 1407 | 1 | 30 | 10 |
| 1408 | 1410 | 1 | 29 | 7 |
| 1411 | 1414 | 1 | 28 | 3 |
| 1415 | 1417 | 1 | 29 | 7 |
| 1418 | 1421 | 1 | 30 | 10 |
| 1422 | 1424 | 1 | 29 | 7 |
| 1425 | 1427 | 1 | 31 | 11 |
| 1428 | 1433 | 1 | 27 | 1 |
| 1434 | 1441 | 1 | 10 | 18 |
| 1442 | 0 | 0 | 14 | 32 |
| 1443 | 1507 | 1 | 20 | 4 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 248
 TOTAL NUMBER OF ELEMENTS = 1507
 LARGEST ELEMENT NUMBER = 1507
 LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 32
 DATA STORAGE LOCATIONS USED = 4521

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

MATERIAL

giunti
 7 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

Incastro
 8 KX = 0.1000E+13 KY = 0.1000E+13 KZ = 0.1000E+13 KTX = 0.1000E+13 KTY = 0.1000E+13 KTZ =
 0.1000E+13

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

MATERIAL

HDRB2
9 KX = 0.3530E+07 KY = 0.3530E+07 KZ = 0.2331E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB1
10 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

UL
11 KX = 1.000 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

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

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

MATERIAL

rigido (elastic)
3 E = 0.1000E+13 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_long_term_Phase2a (elastic) - compound BDM_Phase2a
16 E = 0.1212E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3 (elastic) - compound BDM_Phase3
1 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

rigid_cls_pulvini (elastic)
4 E = 0.2100E+15 NU = 0.3000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_sottostrutture (elastic)
 5 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL =
 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

Concrete_long_term_Phase2a_el_sol (elastic)
 15 E = 0.1212E+11 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL =
 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_el_sol (elastic)
 6 E = 0.3335E+11 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL =
 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 542

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

| SHRINKAGE SET | FIRST RO ELEMENT SET | LAST SMEARED REINFORCEMENT ELEMENT SET | DIFF-REINFORCEMENT ERENCE | MATERIAL SET | NSET | STRESS POTENTIAL/ PLASTIC DATA SET | CREEP SET | DAMAGE SET | LusasM ID NO. | VISCOELASTIC SET | TWO PHASE MATERIAL SET |
|---------------|----------------------|--|---------------------------|--------------|------|---------------------------------------|-----------|------------|---------------|------------------|------------------------|
| 0 | 0 | 1 | 4 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 5 | 8 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 10 | 17 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 18 | 19 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 20 | 23 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 24 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 25 | 32 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 33 | 34 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 35 | 36 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 37 | 38 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 39 | 42 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 43 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 44 | 52 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 53 | 56 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 57 | 60 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 61 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 62 | 70 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 71 | 74 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 75 | 78 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 79 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 80 | 88 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 89 | 92 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 93 | 96 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 97 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 98 | 106 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 107 | 0 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 111 | 114 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 80

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

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

C O N S T R A I N T E Q U A T I O N S

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 THX 1.00000
2611 0 0 THX -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 THY 1.00000
2611 0 0 THY -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 THZ 1.00000
2611 0 0 THZ -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2582 0 0 THX 1.00000
2611 0 0 THX -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2582 0 0 THY 1.00000
2611 0 0 THY -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2582 0 0 THZ 1.00000
2611 0 0 THZ -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 V 1.00000
2611 0 0 V -1.00000
2611 0 0 THX 0.400000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 W 0.285714
2611 0 0 W -0.285714
2611 0 0 THX 1.00000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2582 0 0 V 1.00000
2611 0 0 V -1.00000
2611 0 0 THX 0.400000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2582 | 0 | 0 | W | 0.285714 |
| 2611 | 0 | 0 | W | -0.285714 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2581 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2582 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2584 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2584 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2584 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 24
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
 LARGEST NODE NUMBER ENCOUNTERED = 2612
 DATA STORAGE LOCATIONS USED = 227

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

F = FREE
 R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
 S = SPRING
 P1 = VISCOUS TRANSMITTING (PRESSURE WAVE): EXPLICIT DEFINITION
 P2 = VISCOUS TRANSMITTING (PRESSURE WAVE): AUTOMATIC CALCULATION
 Z1 = VISCOUS TRANSMITTING (SHEAR WAVE): EXPLICIT DEFINITION
 Z2 = VISCOUS TRANSMITTING (SHEAR WAVE): AUTOMATIC CALCULATION

| FIRST SUPPORT NODE | LAST SUPPORT NODE | DIFF RNCE | SUPPORT CONDITION | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT |
|--------------------|-------------------|-----------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 2585 | 2604 | 1 | R R R R R R R | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

TOTAL NUMBER OF SUPPORT NODES = 20
 LARGEST NODE NUMBER = 2604
 DATA STORAGE LOCATIONS USED = 210

L O A D C A S E 3

G2_permanenti

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|------------|-----------|-----------|-------------|-------------|--------------|-------------|-------------|-------------|
| 609 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -64517. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 612 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11483E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 615 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11478E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 618 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11476E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 621 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11472E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 624 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11468E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 627 | 0 | 0 | 0.00000E+00 | 0.00000E+00 | -0.11463E+06 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |

| | | | | | | | | | |
|------------|---|---|----|------------|------------|------------|------------|------------|------------|
| 1213 | 0 | 0 | 12 | 0.3674E-02 | 0.0000E+00 | 0.0000E+00 | -1247. | 467.5 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1213 | 0 | 0 | 12 | 1.010 | 0.0000E+00 | 0.0000E+00 | -1333. | 499.8 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1213 | 0 | 0 | 12 | 2.016 | 0.0000E+00 | 0.0000E+00 | -1419. | 532.0 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1213 | 0 | 0 | 12 | 3.022 | 0.0000E+00 | 0.0000E+00 | -1505. | 564.3 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1214 | 0 | 0 | 12 | 0.4790 | 0.0000E+00 | 0.0000E+00 | -2021. | 757.7 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1215 | 0 | 0 | 12 | 0.3104 | 0.0000E+00 | 0.0000E+00 | -1591. | 596.5 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1215 | 0 | 0 | 12 | 1.316 | 0.0000E+00 | 0.0000E+00 | -1677. | 628.7 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1215 | 0 | 0 | 12 | 2.323 | 0.0000E+00 | 0.0000E+00 | -1763. | 661.0 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1215 | 0 | 0 | 12 | 3.329 | 0.0000E+00 | 0.0000E+00 | -1849. | 693.2 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1215 | 0 | 0 | 12 | 4.335 | 0.0000E+00 | 0.0000E+00 | -1935. | 725.5 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1216 | 0 | 0 | 12 | 0.9794 | 0.0000E+00 | 0.0000E+00 | -816.8 | 306.3 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1216 | 0 | 0 | 12 | 1.985 | 0.0000E+00 | 0.0000E+00 | -902.8 | 338.6 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1216 | 0 | 0 | 12 | 2.992 | 0.0000E+00 | 0.0000E+00 | -988.8 | 370.8 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1216 | 0 | 0 | 12 | 3.998 | 0.0000E+00 | 0.0000E+00 | -1075. | 403.0 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1217 | 0 | 0 | 12 | 0.1419 | 0.0000E+00 | 0.0000E+00 | -1161. | 435.3 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1218 | 0 | 0 | 12 | 0.9472 | 0.0000E+00 | 0.0000E+00 | -300.9 | 112.9 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1219 | 0 | 0 | 12 | 0.8193 | 0.0000E+00 | 0.0000E+00 | -386.9 | 145.1 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1219 | 0 | 0 | 12 | 1.825 | 0.0000E+00 | 0.0000E+00 | -472.9 | 177.3 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1219 | 0 | 0 | 12 | 2.831 | 0.0000E+00 | 0.0000E+00 | -558.9 | 209.6 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1219 | 0 | 0 | 12 | 3.837 | 0.0000E+00 | 0.0000E+00 | -644.9 | 241.8 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1219 | 0 | 0 | 12 | 4.843 | 0.0000E+00 | 0.0000E+00 | -730.8 | 274.1 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1221 | 0 | 0 | 12 | 1.665 | 0.0000E+00 | 0.0000E+00 | -42.99 | 16.12 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1221 | 0 | 0 | 12 | 2.671 | 0.0000E+00 | 0.0000E+00 | -129.0 | 48.36 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1221 | 0 | 0 | 12 | 3.677 | 0.0000E+00 | 0.0000E+00 | -215.0 | 80.61 | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |
| 1433 | 0 | 0 | 12 | 0.1470 | 0.0000E+00 | 0.0000E+00 | -3654. | 1370. | 0.0000E+00 |
| 0.0000E+00 | | | | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 | 0.0000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 86
 LARGEST NODE OR ELEMENT NUMBER = 1433

DATA STORAGE LOCATIONS USED = 4005

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

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT | LAST ELT | DIFF RNCE | OUTPUT CONTROL | AVERAGED NODAL VALUES GROUP | NODAL FORCE OUTPUT GROUP | HISTORY CONTROL | PLOT FILE CONTROL |
|---------------------------------------|-------------|--------------|-------------------|--------------------------------|-----------------------------|--------------------|----------------------|
| 1 | 1507 | 1 | 0 | 0 | 0 | 0 | 0 |
| TOTAL NUMBER OF ELEMENT OUTPUT SETS | | | | = | 1 | | |
| TOTAL NUMBER OF ELEMENTS OUTPUT | | | | = | 1507 | | |
| LARGEST ELEMENT NUMBER INPUT | | | | = | 1507 | | |
| LARGEST ELEMENT OUTPUT CONTROL NUMBER | | | | = | 0 | | |
| DATA STORAGE LOCATIONS USED | | | | = | 4 | | |

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFF RNCE | OUTPUT CONTROL | HISTORY CONTROL | |
|-------------------------------------|--------------|--------------|-------------------|--------------------|------|
| 1 | 2742 | 1 | 0 | 0 | |
| TOTAL NUMBER OF NODE OUTPUT SETS | | | | = | 1 |
| TOTAL NUMBER OF NODES OUTPUT | | | | = | 0 |
| LARGEST NODE NUMBER INPUT | | | | = | 2742 |
| LARGEST NODE OUTPUT CONTROL NUMBER | | | | = | 0 |
| LARGEST NODE HISTORY CONTROL NUMBER | | | | = | 0 |
| DATA STORAGE LOCATIONS USED | | | | = | 0 |

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

| | | |
|--|---|----------------------------------|
| TOTAL NUMBER OF ELEMENTS | = | 1507 |
| TOTAL NUMBER OF CONSTRAINTS | = | 24 |
| TOTAL NUMBER OF NODES | = | 2742 |
| TOTAL NUMBER OF SUPPORT NODES | = | 20 |
| TOTAL NUMBER OF LOADING CASES | = | 1 |
| LOCATIONS USED DURING DATA PROCESSING | = | 157327731 |
| LOCATIONS AVAILABLE | = | 196608000 |
| TIME USED TO PROCESS INPUT DATA | = | 0.26600 SEC. |
| TIME AT CENTRAL PROCESSOR | = | 8:36:38 ON 22/06/23 (DAY/MTH/YR) |
| INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE | = | 1507 |
| INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE | = | 0 |

WARNING THE FAST PARALLEL SOLVER WILL BE USED AS DEFAULT IF CONSTRAINT EQUATIONS ARE PRESENT - EXPLICITLY SPECIFYING THE SOLVER TYPE WILL OVERRIDE (SOLTYP PROCESSOR)

WARNING NODES 2585 AND 2567 FOR ELEMENT NUMBER 1481 ARE NOT COINCIDENT THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

WARNING NODES 2570 AND 2573 FOR ELEMENT NUMBER 1482 ARE NOT COINCIDENT THE DISTANCE BETWEEN THEM IS 0.1000 (BMTJNT PROCESSOR)

WARNING NODES 2586 AND 2576 FOR ELEMENT NUMBER 1483 ARE NOT COINCIDENT THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

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

| MATERIAL SET | LENGTH M | GEOMETRIC SUMMARY AREA sq M | VOLUME cu M | ELEMENT MASS KG | ----- CENTRE OF GRAVITY X-COORD M | Y-COORD M | Z-COORD M |
|-------------------------|--------------|-----------------------------------|----------------|-----------------------|--|--------------|--------------|
| 3 | 178.300 | 0.000000E+00 | 1783.00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 146.560 | 0.000000E+00 | 693.870 | 0.173468E+07 | 21.7698 | 5.62500 | -4.25000 |
| 5 | 83.0500 | 0.000000E+00 | 2142.04 | 0.535509E+07 | 25.4711 | 5.62500 | -9.38250 |
| 2 | 1120.00 | 0.000000E+00 | 29.9510 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 15 | 1857.71 | 0.000000E+00 | 2596.01 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 16 | 1537.04 | 0.000000E+00 | 0.863810E-04 | 0.215953 | 24.0429 | 5.62500 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 2.10000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 4924.76 | 0.000000E+00 | 7244.87 | 0.708976E+07 | 24.5655 | 5.62500 | -8.12671 |

| MATERIAL SET | MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGIN AT (0,0,0) | | | | | |
|----------------------|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| | Ixx KG M **2 | Iyy KG M **2 | Izz KG M **2 | Ixy KG M **2 | Iyz KG M **2 | Ixz KG M **2 |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 0.101134E+09 | 0.745661E+11 | 0.746046E+11 | -0.212420E+09 | 0.414696E+08 | 0.160495E+09 |
| 5 | 0.654655E+09 | 0.223137E+12 | 0.222821E+12 | -0.767250E+09 | 0.282623E+09 | 0.154437E+10 |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 15 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 16 | 9.47829 | 10692.9 | 10702.4 | -29.2057 | 0.000000E+00 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 0.755789E+09 | 0.297703E+12 | 0.297426E+12 | -0.979670E+09 | 0.324093E+09 | 0.170486E+10 |

| MATERIAL SET | MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGINS AT CENTROIDS | | | | | |
|----------------------|--|-----------------|-----------------|-----------------|-----------------|-----------------|
| | Ixx KG M **2 | Iyy KG M **2 | Izz KG M **2 | Ixy KG M **2 | Iyz KG M **2 | Ixz KG M **2 |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 0.149151E+08 | 0.737127E+11 | 0.737276E+11 | -0.298023E-07 | 0.000000E+00 | 0.178814E-06 |
| 5 | 0.138015E+08 | 0.219191E+12 | 0.219178E+12 | 0.357628E-06 | 0.172853E-05 | 0.264594E+09 |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 15 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 16 | 2.64542 | 10568.0 | 10570.7 | -0.319744E-13 | 0.000000E+00 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 0.632318E+08 | 0.292957E+12 | 0.292923E+12 | 0.476837E-06 | 0.154972E-05 | 0.289485E+09 |

| MATERIAL SET | PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES | | | PRINCIPAL DIRECTIONS | | |
|----------------------|--|-----------------|-----------------|----------------------|---------------------|----------------------|
| | I11 KG M **2 | I22 KG M **2 | I33 KG M **2 | | | |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 4 | 0.737276E+11 | 0.737127E+11 | 0.149151E+08 | (0.00, 0.00, 1.00) | (0.00, 1.00, 0.00) | (1.00, 0.00, -0.00) |
| 5 | 0.219191E+12 | 0.219178E+12 | 0.134821E+08 | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | (1.00, 0.00, -0.00) |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 15 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 16 | 10570.7 | 10568.0 | 2.64542 | (0.00, 0.00, 1.00) | (0.00, 1.00, 0.00) | (1.00, 0.00, 0.00) |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| TOTALS FOR STRUCTURE | 0.292957E+12 | 0.292923E+12 | 0.629457E+08 | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | (1.00, 0.00, -0.00) |

| FORCE OUTPUT GROUP | RESULTANT APPLIED LOAD AT ORIGIN IN GLOBAL DIRECTIONS | | | | | |
|----------------------|---|--------------|---------------|---------------|--------------|--------------|
| | Fx N | Fy N | Fz N | Mx N .M | My N .M | Mz N .M |
| LOAD CASE 3 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | -0.364715E+08 | -0.205093E+09 | 0.930615E+09 | 0.000000E+00 |

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2155

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.20000E-02 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 72010

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 1718119
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7020
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7020
TOTAL NO. OF EQUATIONS = 7044
TOTAL NO. OF ACTIVE NODES = 1170

NUMBER OF ELEMENT GROUPS = 2
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1442

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 298383
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 395260
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 228782
TOTAL SIZE OF ELEMENT DATA RECORDS = 312284
TOTAL SIZE OF ELEMENT RESULT RECORDS = 401530
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 40912
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 122041

TIME FOR PRE-SOLUTION PROCESS = 0.15000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 8:36:38 ON 22/06/23 (DAY/MTH/YR)

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

=====

= Parallel multifrontal solver statistics =

=====

Solving symmetric indefinite matrix
 Minimum degree equation re-ordering algorithm used
 Number of nonzeros in L and U = 106311
 Number of iterative refinement steps = 4
 Number of positive eigenvalues = 6900
 Number of negative eigenvalues = 24
 Peak memory used during analysis and
 symbolic factorisation (MB) = 4.45
 Total peak memory used during solve (MB) = 5.89
 In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION = 0.40952E-26

TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 1 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 1782476
 LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1347
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.21800 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.50000 SEC.

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

TIME AT CENTRAL PROCESSOR = 8:36:39 ON 22/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

| Disk Unit Name | Disk Page Size (Bytes) | Calls to I/O Routines | Buffered Transfers | Disk Accesses | Page Table Swaps | Peak File Size (Mbytes) |
|----------------|------------------------|-----------------------|--------------------|---------------|------------------|-------------------------|
| PROBLEM | 16384 | 180 | 994 | 0 | 0 | 0.1562500E-01 |
| FRONTAL | 16384 | 0 | 0 | 0 | 0 | 0.1562500E-01 |
| SHAPES | 16384 | 6 | 278 | 0 | 0 | 0.1562500E-01 |
| PLOT | 16384 | 1527 | 1845 | 0 | 0 | 5.031250 |
| RESTART | 0 | 0 | 0 | 0 | 0 | 0.0000000E+00 |

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 8:36:41 ON 22/06/23 (DAY/MTH/YR)

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

VBNMAME VALUE
NLPZ 196608000
NPGS 960

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

Build Information : MODELLER04 - Dec 23 2022 12:33:43

Kit Version : 20.0-2
Solver Version : 20.0.1617.7496 (32-bit)

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

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

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

KeyID 15062 licensed on PC processor. Expires 1-07-2024
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\LUSAS200\Programs (x86)\Lusas_S.exe
Input file :
D:\SynologyDrive\01_lavoro\48_037_09_23_632_418_Due_Viadotti_Trevalli_Esec_Sintagma_LF\03_calcoli\VI02_molino_vecchio\LUSASFiles
32\Molino_Vecchio_Sottostrutture_15_g\Molino_Vecchio_Sottostrutture_15_g~03_Fase2b.dat

Number of processors available : 20
Maximum number of threads available : 20

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 8:36:42 ON 22/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|----------------|----------------------|------|------|------|
| | JSH4 | | | |
| | ELEMENTS | | | |
| 1443 | 2581 | 2605 | 2613 | 2614 |
| 1444 | 2582 | 2606 | 2615 | 2616 |
| 1445 | 1 | 613 | 2617 | 2618 |
| 1446 | 4 | 670 | 2619 | 2620 |
| 1447 | 67 | 616 | 2621 | 2622 |
| 1448 | 69 | 673 | 2623 | 2624 |
| 1449 | 110 | 619 | 2625 | 2626 |
| 1450 | 108 | 676 | 2627 | 2628 |
| 1451 | 147 | 622 | 2629 | 2630 |
| 1452 | 145 | 679 | 2631 | 2632 |
| 1453 | 184 | 625 | 2633 | 2634 |
| 1454 | 182 | 682 | 2635 | 2636 |
| 1455 | 221 | 628 | 2637 | 2638 |
| 1456 | 219 | 685 | 2639 | 2640 |
| 1457 | 258 | 631 | 2641 | 2642 |
| 1458 | 256 | 688 | 2643 | 2644 |
| 1459 | 597 | 634 | 2645 | 2646 |
| 1460 | 605 | 691 | 2647 | 2648 |
| 1461 | 593 | 2607 | 2649 | 2650 |
| 1462 | 601 | 2608 | 2651 | 2652 |
| 1463 | 295 | 640 | 2653 | 2654 |
| 1464 | 293 | 697 | 2655 | 2656 |
| 1465 | 332 | 643 | 2657 | 2658 |
| 1466 | 330 | 700 | 2659 | 2660 |
| 1467 | 369 | 646 | 2661 | 2662 |
| 1468 | 367 | 703 | 2663 | 2664 |
| 1469 | 406 | 649 | 2665 | 2666 |
| 1470 | 404 | 706 | 2667 | 2668 |
| 1471 | 443 | 652 | 2669 | 2670 |
| 1472 | 441 | 709 | 2671 | 2672 |
| 1473 | 480 | 655 | 2673 | 2674 |
| 1474 | 478 | 712 | 2675 | 2676 |
| 1475 | 517 | 658 | 2677 | 2678 |
| 1476 | 515 | 715 | 2679 | 2680 |
| 1477 | 554 | 661 | 2681 | 2682 |
| 1478 | 552 | 718 | 2683 | 2684 |
| 1479 | 2583 | 2609 | 2685 | 2686 |
| 1480 | 2584 | 2610 | 2687 | 2688 |
| 1481 | 2585 | 2567 | 2689 | 2690 |
| 1482 | 2570 | 2573 | 2691 | 2692 |
| 1483 | 2586 | 2576 | 2693 | 2694 |
| 1484 | 2587 | 2611 | 2695 | 2696 |
| 1485 | 2588 | 71 | 2697 | 2698 |
| 1486 | 2589 | 73 | 2699 | 2700 |
| 1487 | 2590 | 106 | 2701 | 2702 |
| 1488 | 2591 | 143 | 2703 | 2704 |
| 1489 | 2592 | 180 | 2705 | 2706 |
| 1490 | 2593 | 217 | 2707 | 2708 |
| 1491 | 2594 | 254 | 2709 | 2710 |
| 1492 | 2595 | 583 | 2711 | 2712 |
| 1493 | 2596 | 291 | 2713 | 2714 |
| 1494 | 2597 | 328 | 2715 | 2716 |
| 1495 | 2598 | 365 | 2717 | 2718 |
| 1496 | 2599 | 402 | 2719 | 2720 |
| 1497 | 2600 | 439 | 2721 | 2722 |
| 1498 | 2601 | 476 | 2723 | 2724 |
| 1499 | 2602 | 513 | 2725 | 2726 |
| 1500 | 2603 | 550 | 2727 | 2728 |
| 1501 | 2604 | 2612 | 2729 | 2730 |
| 1502 | 2605 | 610 | 2731 | 2732 |
| 1503 | 2606 | 667 | 2733 | 2734 |
| 1504 | 2607 | 637 | 2735 | 2736 |
| 1505 | 2608 | 694 | 2737 | 2738 |
| 1506 | 2609 | 664 | 2739 | 2740 |
| 1507 | 2610 | 2579 | 2741 | 2742 |

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED) |
|----------------|----------------------|---|
| | BMI21 | |
| | ELEMENTS | |
| 1 | 1 2 3 | |
| 2 | 4 5 6 | |
| 3 | 2 7 8 | |
| 4 | 5 9 10 | |
| 5 | 7 11 12 | |
| 6 | 11 9 13 | |
| 7 | 9 14 15 | |
| 8 | 16 7 17 | |
| 9 | 11 18 19 | |
| 10 | 18 21 28 | |
| 11 | 21 22 29 | |
| 12 | 22 23 30 | |

| | | | |
|-----|-----|-----|-----|
| 13 | 23 | 24 | 31 |
| 14 | 24 | 25 | 32 |
| 15 | 25 | 26 | 33 |
| 16 | 26 | 27 | 34 |
| 17 | 27 | 20 | 35 |
| 18 | 36 | 37 | 38 |
| 19 | 39 | 40 | 41 |
| 20 | 37 | 42 | 43 |
| 21 | 42 | 40 | 44 |
| 22 | 40 | 45 | 46 |
| 23 | 47 | 37 | 48 |
| 24 | 42 | 49 | 50 |
| 25 | 49 | 52 | 59 |
| 26 | 52 | 53 | 60 |
| 27 | 53 | 54 | 61 |
| 28 | 54 | 55 | 62 |
| 29 | 55 | 56 | 63 |
| 30 | 56 | 57 | 64 |
| 31 | 57 | 58 | 65 |
| 32 | 58 | 51 | 66 |
| 33 | 67 | 36 | 68 |
| 34 | 69 | 39 | 70 |
| 35 | 20 | 71 | 72 |
| 36 | 51 | 73 | 74 |
| 37 | 75 | 76 | 77 |
| 38 | 78 | 79 | 80 |
| 39 | 76 | 81 | 82 |
| 40 | 81 | 79 | 83 |
| 41 | 79 | 84 | 85 |
| 42 | 86 | 76 | 87 |
| 43 | 81 | 88 | 89 |
| 44 | 88 | 91 | 98 |
| 45 | 91 | 92 | 99 |
| 46 | 92 | 93 | 100 |
| 47 | 93 | 94 | 101 |
| 48 | 94 | 95 | 102 |
| 49 | 95 | 96 | 103 |
| 50 | 96 | 97 | 104 |
| 51 | 97 | 90 | 105 |
| 52 | 90 | 106 | 107 |
| 53 | 108 | 78 | 109 |
| 54 | 110 | 75 | 111 |
| 55 | 112 | 113 | 114 |
| 56 | 115 | 116 | 117 |
| 57 | 113 | 118 | 119 |
| 58 | 118 | 116 | 120 |
| 59 | 116 | 121 | 122 |
| 60 | 123 | 113 | 124 |
| 61 | 118 | 125 | 126 |
| 62 | 125 | 128 | 135 |
| 63 | 128 | 129 | 136 |
| 64 | 129 | 130 | 137 |
| 65 | 130 | 131 | 138 |
| 66 | 131 | 132 | 139 |
| 67 | 132 | 133 | 140 |
| 68 | 133 | 134 | 141 |
| 69 | 134 | 127 | 142 |
| 70 | 127 | 143 | 144 |
| 71 | 145 | 115 | 146 |
| 72 | 147 | 112 | 148 |
| 73 | 149 | 150 | 151 |
| 74 | 152 | 153 | 154 |
| 75 | 150 | 155 | 156 |
| 76 | 155 | 153 | 157 |
| 77 | 153 | 158 | 159 |
| 78 | 160 | 150 | 161 |
| 79 | 155 | 162 | 163 |
| 80 | 162 | 165 | 172 |
| 81 | 165 | 166 | 173 |
| 82 | 166 | 167 | 174 |
| 83 | 167 | 168 | 175 |
| 84 | 168 | 169 | 176 |
| 85 | 169 | 170 | 177 |
| 86 | 170 | 171 | 178 |
| 87 | 171 | 164 | 179 |
| 88 | 164 | 180 | 181 |
| 89 | 182 | 152 | 183 |
| 90 | 184 | 149 | 185 |
| 91 | 186 | 187 | 188 |
| 92 | 189 | 190 | 191 |
| 93 | 187 | 192 | 193 |
| 94 | 192 | 190 | 194 |
| 95 | 190 | 195 | 196 |
| 96 | 197 | 187 | 198 |
| 97 | 192 | 199 | 200 |
| 98 | 199 | 202 | 209 |
| 99 | 202 | 203 | 210 |
| 100 | 203 | 204 | 211 |
| 101 | 204 | 205 | 212 |
| 102 | 205 | 206 | 213 |
| 103 | 206 | 207 | 214 |
| 104 | 207 | 208 | 215 |
| 105 | 208 | 201 | 216 |
| 106 | 201 | 217 | 218 |
| 107 | 219 | 189 | 220 |
| 108 | 221 | 186 | 222 |
| 109 | 223 | 224 | 225 |
| 110 | 226 | 227 | 228 |
| 111 | 224 | 229 | 230 |
| 112 | 229 | 227 | 231 |
| 113 | 227 | 232 | 233 |
| 114 | 234 | 224 | 235 |
| 115 | 229 | 236 | 237 |
| 116 | 236 | 239 | 246 |
| 117 | 239 | 240 | 247 |

| | | | |
|-----|-----|-----|-----|
| 118 | 240 | 241 | 248 |
| 119 | 241 | 242 | 249 |
| 120 | 242 | 243 | 250 |
| 121 | 243 | 244 | 251 |
| 122 | 244 | 245 | 252 |
| 123 | 245 | 238 | 253 |
| 124 | 238 | 254 | 255 |
| 125 | 256 | 226 | 257 |
| 126 | 258 | 223 | 259 |
| 127 | 260 | 261 | 262 |
| 128 | 263 | 264 | 265 |
| 129 | 261 | 266 | 267 |
| 130 | 266 | 264 | 268 |
| 131 | 264 | 269 | 270 |
| 132 | 271 | 261 | 272 |
| 133 | 266 | 273 | 274 |
| 134 | 273 | 276 | 283 |
| 135 | 276 | 277 | 284 |
| 136 | 277 | 278 | 285 |
| 137 | 278 | 279 | 286 |
| 138 | 279 | 280 | 287 |
| 139 | 280 | 281 | 288 |
| 140 | 281 | 282 | 289 |
| 141 | 282 | 275 | 290 |
| 142 | 275 | 291 | 292 |
| 143 | 293 | 263 | 294 |
| 144 | 295 | 260 | 296 |
| 145 | 297 | 298 | 299 |
| 146 | 300 | 301 | 302 |
| 147 | 298 | 303 | 304 |
| 148 | 303 | 301 | 305 |
| 149 | 301 | 306 | 307 |
| 150 | 308 | 298 | 309 |
| 151 | 303 | 310 | 311 |
| 152 | 310 | 313 | 320 |
| 153 | 313 | 314 | 321 |
| 154 | 314 | 315 | 322 |
| 155 | 315 | 316 | 323 |
| 156 | 316 | 317 | 324 |
| 157 | 317 | 318 | 325 |
| 158 | 318 | 319 | 326 |
| 159 | 319 | 312 | 327 |
| 160 | 312 | 328 | 329 |
| 161 | 330 | 300 | 331 |
| 162 | 332 | 297 | 333 |
| 163 | 334 | 335 | 336 |
| 164 | 337 | 338 | 339 |
| 165 | 335 | 340 | 341 |
| 166 | 340 | 338 | 342 |
| 167 | 338 | 343 | 344 |
| 168 | 345 | 335 | 346 |
| 169 | 340 | 347 | 348 |
| 170 | 347 | 350 | 357 |
| 171 | 350 | 351 | 358 |
| 172 | 351 | 352 | 359 |
| 173 | 352 | 353 | 360 |
| 174 | 353 | 354 | 361 |
| 175 | 354 | 355 | 362 |
| 176 | 355 | 356 | 363 |
| 177 | 356 | 349 | 364 |
| 178 | 349 | 365 | 366 |
| 179 | 367 | 337 | 368 |
| 180 | 369 | 334 | 370 |
| 181 | 371 | 372 | 373 |
| 182 | 374 | 375 | 376 |
| 183 | 372 | 377 | 378 |
| 184 | 377 | 375 | 379 |
| 185 | 375 | 380 | 381 |
| 186 | 382 | 372 | 383 |
| 187 | 377 | 384 | 385 |
| 188 | 384 | 387 | 394 |
| 189 | 387 | 388 | 395 |
| 190 | 388 | 389 | 396 |
| 191 | 389 | 390 | 397 |
| 192 | 390 | 391 | 398 |
| 193 | 391 | 392 | 399 |
| 194 | 392 | 393 | 400 |
| 195 | 393 | 386 | 401 |
| 196 | 386 | 402 | 403 |
| 197 | 404 | 374 | 405 |
| 198 | 406 | 371 | 407 |
| 199 | 408 | 409 | 410 |
| 200 | 411 | 412 | 413 |
| 201 | 409 | 414 | 415 |
| 202 | 414 | 412 | 416 |
| 203 | 412 | 417 | 418 |
| 204 | 419 | 409 | 420 |
| 205 | 414 | 421 | 422 |
| 206 | 421 | 424 | 431 |
| 207 | 424 | 425 | 432 |
| 208 | 425 | 426 | 433 |
| 209 | 426 | 427 | 434 |
| 210 | 427 | 428 | 435 |
| 211 | 428 | 429 | 436 |
| 212 | 429 | 430 | 437 |
| 213 | 430 | 423 | 438 |
| 214 | 423 | 439 | 440 |
| 215 | 441 | 411 | 442 |
| 216 | 443 | 408 | 444 |
| 217 | 445 | 446 | 447 |
| 218 | 448 | 449 | 450 |
| 219 | 446 | 451 | 452 |
| 220 | 451 | 449 | 453 |
| 221 | 449 | 454 | 455 |
| 222 | 456 | 446 | 457 |

| | | | |
|-----|-----|-----|-----|
| 223 | 451 | 458 | 459 |
| 224 | 458 | 461 | 468 |
| 225 | 461 | 462 | 469 |
| 226 | 462 | 463 | 470 |
| 227 | 463 | 464 | 471 |
| 228 | 464 | 465 | 472 |
| 229 | 465 | 466 | 473 |
| 230 | 466 | 467 | 474 |
| 231 | 467 | 460 | 475 |
| 232 | 460 | 476 | 477 |
| 233 | 478 | 448 | 479 |
| 234 | 480 | 445 | 481 |
| 235 | 482 | 483 | 484 |
| 236 | 485 | 486 | 487 |
| 237 | 483 | 488 | 489 |
| 238 | 488 | 486 | 490 |
| 239 | 486 | 491 | 492 |
| 240 | 493 | 483 | 494 |
| 241 | 488 | 495 | 496 |
| 242 | 495 | 498 | 505 |
| 243 | 498 | 499 | 506 |
| 244 | 499 | 500 | 507 |
| 245 | 500 | 501 | 508 |
| 246 | 501 | 502 | 509 |
| 247 | 502 | 503 | 510 |
| 248 | 503 | 504 | 511 |
| 249 | 504 | 497 | 512 |
| 250 | 497 | 513 | 514 |
| 251 | 515 | 485 | 516 |
| 252 | 517 | 482 | 518 |
| 253 | 519 | 520 | 521 |
| 254 | 522 | 523 | 524 |
| 255 | 520 | 525 | 526 |
| 256 | 525 | 523 | 527 |
| 257 | 523 | 528 | 529 |
| 258 | 530 | 520 | 531 |
| 259 | 525 | 532 | 533 |
| 260 | 532 | 535 | 542 |
| 261 | 535 | 536 | 543 |
| 262 | 536 | 537 | 544 |
| 263 | 537 | 538 | 545 |
| 264 | 538 | 539 | 546 |
| 265 | 539 | 540 | 547 |
| 266 | 540 | 541 | 548 |
| 267 | 541 | 534 | 549 |
| 268 | 534 | 550 | 551 |
| 269 | 552 | 522 | 553 |
| 270 | 554 | 519 | 555 |
| 271 | 556 | 557 | 558 |
| 272 | 557 | 559 | 560 |
| 273 | 559 | 561 | 562 |
| 274 | 563 | 556 | 564 |
| 275 | 557 | 565 | 566 |
| 276 | 565 | 568 | 575 |
| 277 | 568 | 569 | 576 |
| 278 | 569 | 570 | 577 |
| 279 | 570 | 571 | 578 |
| 280 | 571 | 572 | 579 |
| 281 | 572 | 573 | 580 |
| 282 | 573 | 574 | 581 |
| 283 | 574 | 567 | 582 |
| 284 | 567 | 583 | 584 |
| 285 | 585 | 559 | 586 |
| 286 | 559 | 587 | 588 |
| 287 | 589 | 556 | 590 |
| 288 | 556 | 591 | 592 |
| 289 | 593 | 594 | 595 |
| 290 | 594 | 591 | 596 |
| 291 | 597 | 598 | 599 |
| 292 | 598 | 589 | 600 |
| 293 | 601 | 602 | 603 |
| 294 | 602 | 587 | 604 |
| 295 | 605 | 606 | 607 |
| 296 | 606 | 585 | 608 |
| 297 | 609 | 610 | 611 |
| 298 | 612 | 613 | 614 |
| 299 | 615 | 616 | 617 |
| 300 | 618 | 619 | 620 |
| 301 | 621 | 622 | 623 |
| 302 | 624 | 625 | 626 |
| 303 | 627 | 628 | 629 |
| 304 | 630 | 631 | 632 |
| 305 | 633 | 634 | 635 |
| 306 | 636 | 637 | 638 |
| 307 | 639 | 640 | 641 |
| 308 | 642 | 643 | 644 |
| 309 | 645 | 646 | 647 |
| 310 | 648 | 649 | 650 |
| 311 | 651 | 652 | 653 |
| 312 | 654 | 655 | 656 |
| 313 | 657 | 658 | 659 |
| 314 | 660 | 661 | 662 |
| 315 | 663 | 664 | 665 |
| 316 | 666 | 667 | 668 |
| 317 | 669 | 670 | 671 |
| 318 | 672 | 673 | 674 |
| 319 | 675 | 676 | 677 |
| 320 | 678 | 679 | 680 |
| 321 | 681 | 682 | 683 |
| 322 | 684 | 685 | 686 |
| 323 | 687 | 688 | 689 |
| 324 | 690 | 691 | 692 |
| 325 | 693 | 694 | 695 |
| 326 | 696 | 697 | 698 |
| 327 | 699 | 700 | 701 |

| | | | |
|-----|------|------|------|
| 328 | 702 | 703 | 704 |
| 329 | 705 | 706 | 707 |
| 330 | 708 | 709 | 710 |
| 331 | 711 | 712 | 713 |
| 332 | 714 | 715 | 716 |
| 333 | 717 | 718 | 719 |
| 334 | 666 | 609 | 720 |
| 335 | 711 | 654 | 721 |
| 336 | 714 | 657 | 722 |
| 337 | 717 | 660 | 723 |
| 338 | 724 | 663 | 725 |
| 339 | 726 | 727 | 728 |
| 340 | 729 | 730 | 731 |
| 341 | 732 | 733 | 734 |
| 342 | 735 | 736 | 737 |
| 343 | 738 | 739 | 740 |
| 344 | 741 | 742 | 743 |
| 345 | 744 | 745 | 746 |
| 346 | 747 | 748 | 749 |
| 347 | 750 | 751 | 752 |
| 348 | 753 | 754 | 755 |
| 349 | 756 | 757 | 758 |
| 350 | 759 | 760 | 761 |
| 351 | 762 | 763 | 764 |
| 352 | 765 | 766 | 767 |
| 353 | 768 | 769 | 770 |
| 354 | 771 | 772 | 773 |
| 355 | 774 | 775 | 776 |
| 356 | 777 | 778 | 779 |
| 357 | 780 | 781 | 782 |
| 358 | 783 | 784 | 785 |
| 359 | 786 | 787 | 788 |
| 360 | 789 | 790 | 791 |
| 361 | 792 | 793 | 794 |
| 362 | 795 | 796 | 797 |
| 363 | 798 | 799 | 800 |
| 364 | 801 | 802 | 803 |
| 365 | 804 | 805 | 806 |
| 366 | 807 | 808 | 809 |
| 367 | 810 | 811 | 812 |
| 368 | 813 | 814 | 815 |
| 369 | 816 | 817 | 818 |
| 370 | 819 | 820 | 821 |
| 371 | 822 | 823 | 824 |
| 372 | 825 | 826 | 827 |
| 373 | 828 | 829 | 830 |
| 374 | 831 | 832 | 833 |
| 375 | 834 | 835 | 836 |
| 376 | 837 | 838 | 839 |
| 377 | 840 | 841 | 842 |
| 378 | 843 | 844 | 845 |
| 379 | 846 | 847 | 848 |
| 380 | 849 | 850 | 851 |
| 381 | 852 | 853 | 854 |
| 382 | 855 | 856 | 857 |
| 383 | 858 | 859 | 860 |
| 384 | 861 | 862 | 863 |
| 385 | 864 | 865 | 866 |
| 386 | 867 | 868 | 869 |
| 387 | 870 | 871 | 872 |
| 388 | 873 | 874 | 875 |
| 389 | 876 | 877 | 878 |
| 390 | 879 | 880 | 881 |
| 391 | 882 | 883 | 884 |
| 392 | 885 | 886 | 887 |
| 393 | 888 | 889 | 890 |
| 394 | 891 | 892 | 893 |
| 395 | 894 | 895 | 896 |
| 396 | 897 | 898 | 899 |
| 397 | 900 | 901 | 902 |
| 398 | 903 | 904 | 905 |
| 399 | 906 | 907 | 908 |
| 400 | 909 | 910 | 911 |
| 401 | 912 | 913 | 914 |
| 402 | 915 | 916 | 917 |
| 403 | 918 | 919 | 920 |
| 404 | 921 | 922 | 923 |
| 405 | 924 | 925 | 926 |
| 406 | 927 | 928 | 929 |
| 407 | 930 | 931 | 932 |
| 408 | 933 | 934 | 935 |
| 409 | 936 | 937 | 938 |
| 410 | 939 | 940 | 941 |
| 411 | 942 | 943 | 944 |
| 412 | 945 | 946 | 947 |
| 413 | 948 | 949 | 950 |
| 414 | 951 | 952 | 953 |
| 415 | 954 | 955 | 956 |
| 416 | 957 | 958 | 959 |
| 417 | 960 | 961 | 962 |
| 418 | 963 | 964 | 965 |
| 419 | 966 | 967 | 968 |
| 420 | 969 | 970 | 971 |
| 421 | 972 | 973 | 974 |
| 422 | 975 | 976 | 977 |
| 423 | 978 | 979 | 980 |
| 424 | 981 | 982 | 983 |
| 425 | 984 | 985 | 986 |
| 426 | 987 | 988 | 989 |
| 427 | 990 | 991 | 992 |
| 428 | 993 | 994 | 995 |
| 429 | 996 | 997 | 998 |
| 430 | 999 | 1000 | 1001 |
| 431 | 1002 | 1003 | 1004 |
| 432 | 1005 | 1006 | 1007 |

| | | | |
|-----|------|------|------|
| 433 | 1008 | 1009 | 1010 |
| 434 | 1011 | 1012 | 1013 |
| 435 | 1014 | 1015 | 1016 |
| 436 | 1017 | 1018 | 1019 |
| 437 | 1020 | 1021 | 1022 |
| 438 | 1023 | 1024 | 1025 |
| 439 | 1026 | 1027 | 1028 |
| 440 | 1029 | 1030 | 1031 |
| 441 | 1032 | 1033 | 1034 |
| 442 | 1035 | 1036 | 1037 |
| 443 | 1038 | 1039 | 1040 |
| 444 | 1041 | 1042 | 1043 |
| 445 | 1044 | 1045 | 1046 |
| 446 | 1047 | 1048 | 1049 |
| 447 | 1050 | 1051 | 1052 |
| 448 | 1053 | 1054 | 1055 |
| 449 | 1056 | 1057 | 1058 |
| 450 | 1059 | 1060 | 1061 |
| 451 | 1062 | 1063 | 1064 |
| 452 | 1065 | 1066 | 1067 |
| 453 | 1068 | 1069 | 1070 |
| 454 | 1071 | 1072 | 1073 |
| 455 | 1074 | 1075 | 1076 |
| 456 | 1077 | 1078 | 1079 |
| 457 | 1080 | 1081 | 1082 |
| 458 | 1083 | 1084 | 1085 |
| 459 | 1086 | 1087 | 1088 |
| 460 | 1089 | 1090 | 1091 |
| 461 | 1092 | 1093 | 1094 |
| 462 | 1095 | 1096 | 1097 |
| 463 | 1098 | 1099 | 1100 |
| 464 | 1101 | 1102 | 1103 |
| 465 | 1104 | 1105 | 1106 |
| 466 | 1107 | 1108 | 1109 |
| 467 | 1110 | 1111 | 1112 |
| 468 | 1113 | 1114 | 1115 |
| 469 | 1116 | 1117 | 1118 |
| 470 | 1119 | 1120 | 1121 |
| 471 | 1122 | 1123 | 1124 |
| 472 | 1125 | 1126 | 1127 |
| 473 | 1128 | 1129 | 1130 |
| 474 | 1131 | 1132 | 1133 |
| 475 | 1134 | 1135 | 1136 |
| 476 | 1137 | 1138 | 1139 |
| 477 | 1140 | 1141 | 1142 |
| 478 | 1143 | 1144 | 1145 |
| 479 | 1146 | 1147 | 1148 |
| 480 | 669 | 612 | 1149 |
| 481 | 672 | 615 | 1150 |
| 482 | 675 | 618 | 1151 |
| 483 | 678 | 621 | 1152 |
| 484 | 681 | 624 | 1153 |
| 485 | 684 | 627 | 1154 |
| 486 | 687 | 630 | 1155 |
| 487 | 690 | 633 | 1156 |
| 488 | 693 | 636 | 1157 |
| 489 | 696 | 639 | 1158 |
| 490 | 699 | 642 | 1159 |
| 491 | 702 | 645 | 1160 |
| 492 | 705 | 648 | 1161 |
| 493 | 708 | 651 | 1162 |
| 494 | 666 | 609 | 1163 |
| 495 | 711 | 654 | 1164 |
| 496 | 714 | 657 | 1165 |
| 497 | 717 | 660 | 1166 |
| 498 | 726 | 727 | 1167 |
| 499 | 729 | 730 | 1168 |
| 500 | 732 | 733 | 1169 |
| 501 | 735 | 736 | 1170 |
| 502 | 738 | 739 | 1171 |
| 503 | 741 | 742 | 1172 |
| 504 | 744 | 745 | 1173 |
| 505 | 747 | 748 | 1174 |
| 506 | 750 | 751 | 1175 |
| 507 | 753 | 754 | 1176 |
| 508 | 756 | 757 | 1177 |
| 509 | 759 | 760 | 1178 |
| 510 | 762 | 763 | 1179 |
| 511 | 765 | 766 | 1180 |
| 512 | 768 | 769 | 1181 |
| 513 | 771 | 772 | 1182 |
| 514 | 774 | 775 | 1183 |
| 515 | 777 | 778 | 1184 |
| 516 | 780 | 781 | 1185 |
| 517 | 783 | 784 | 1186 |
| 518 | 786 | 787 | 1187 |
| 519 | 789 | 790 | 1188 |
| 520 | 792 | 793 | 1189 |
| 521 | 795 | 796 | 1190 |
| 522 | 798 | 799 | 1191 |
| 523 | 801 | 802 | 1192 |
| 524 | 804 | 805 | 1193 |
| 525 | 807 | 808 | 1194 |
| 526 | 810 | 811 | 1195 |
| 527 | 813 | 814 | 1196 |
| 528 | 816 | 817 | 1197 |
| 529 | 819 | 820 | 1198 |
| 530 | 822 | 823 | 1199 |
| 531 | 825 | 826 | 1200 |
| 532 | 828 | 829 | 1201 |
| 533 | 831 | 832 | 1202 |
| 534 | 834 | 835 | 1203 |
| 535 | 837 | 838 | 1204 |
| 536 | 840 | 841 | 1205 |
| 537 | 843 | 844 | 1206 |

| | | | |
|-----|------|------|------|
| 538 | 846 | 847 | 1207 |
| 539 | 849 | 850 | 1208 |
| 540 | 852 | 853 | 1209 |
| 541 | 855 | 856 | 1210 |
| 542 | 858 | 859 | 1211 |
| 543 | 861 | 862 | 1212 |
| 544 | 864 | 865 | 1213 |
| 545 | 867 | 868 | 1214 |
| 546 | 870 | 871 | 1215 |
| 547 | 873 | 874 | 1216 |
| 548 | 876 | 877 | 1217 |
| 549 | 879 | 880 | 1218 |
| 550 | 882 | 883 | 1219 |
| 551 | 885 | 886 | 1220 |
| 552 | 888 | 889 | 1221 |
| 553 | 891 | 892 | 1222 |
| 554 | 894 | 895 | 1223 |
| 555 | 897 | 898 | 1224 |
| 556 | 900 | 901 | 1225 |
| 557 | 903 | 904 | 1226 |
| 558 | 906 | 907 | 1227 |
| 559 | 909 | 910 | 1228 |
| 560 | 912 | 913 | 1229 |
| 561 | 915 | 916 | 1230 |
| 562 | 918 | 919 | 1231 |
| 563 | 921 | 922 | 1232 |
| 564 | 924 | 925 | 1233 |
| 565 | 927 | 928 | 1234 |
| 566 | 930 | 931 | 1235 |
| 567 | 933 | 934 | 1236 |
| 568 | 936 | 937 | 1237 |
| 569 | 939 | 940 | 1238 |
| 570 | 942 | 943 | 1239 |
| 571 | 945 | 946 | 1240 |
| 572 | 948 | 949 | 1241 |
| 573 | 951 | 952 | 1242 |
| 574 | 954 | 955 | 1243 |
| 575 | 957 | 958 | 1244 |
| 576 | 960 | 961 | 1245 |
| 577 | 963 | 964 | 1246 |
| 578 | 966 | 967 | 1247 |
| 579 | 969 | 970 | 1248 |
| 580 | 972 | 973 | 1249 |
| 581 | 975 | 976 | 1250 |
| 582 | 978 | 979 | 1251 |
| 583 | 981 | 982 | 1252 |
| 584 | 984 | 985 | 1253 |
| 585 | 987 | 988 | 1254 |
| 586 | 990 | 991 | 1255 |
| 587 | 993 | 994 | 1256 |
| 588 | 996 | 997 | 1257 |
| 589 | 999 | 1000 | 1258 |
| 590 | 1002 | 1003 | 1259 |
| 591 | 1005 | 1006 | 1260 |
| 592 | 1008 | 1009 | 1261 |
| 593 | 1011 | 1012 | 1262 |
| 594 | 1014 | 1015 | 1263 |
| 595 | 1017 | 1018 | 1264 |
| 596 | 1020 | 1021 | 1265 |
| 597 | 1023 | 1024 | 1266 |
| 598 | 1026 | 1027 | 1267 |
| 599 | 1029 | 1030 | 1268 |
| 600 | 1032 | 1033 | 1269 |
| 601 | 1035 | 1036 | 1270 |
| 602 | 1038 | 1039 | 1271 |
| 603 | 1041 | 1042 | 1272 |
| 604 | 1044 | 1045 | 1273 |
| 605 | 1047 | 1048 | 1274 |
| 606 | 1050 | 1051 | 1275 |
| 607 | 1053 | 1054 | 1276 |
| 608 | 1056 | 1057 | 1277 |
| 609 | 1059 | 1060 | 1278 |
| 610 | 1062 | 1063 | 1279 |
| 611 | 1065 | 1066 | 1280 |
| 612 | 1068 | 1069 | 1281 |
| 613 | 1071 | 1072 | 1282 |
| 614 | 1074 | 1075 | 1283 |
| 615 | 1077 | 1078 | 1284 |
| 616 | 1080 | 1081 | 1285 |
| 617 | 1083 | 1084 | 1286 |
| 618 | 1086 | 1087 | 1287 |
| 619 | 1089 | 1090 | 1288 |
| 620 | 1092 | 1093 | 1289 |
| 621 | 1095 | 1096 | 1290 |
| 622 | 1098 | 1099 | 1291 |
| 623 | 1101 | 1102 | 1292 |
| 624 | 1104 | 1105 | 1293 |
| 625 | 1107 | 1108 | 1294 |
| 626 | 1110 | 1111 | 1295 |
| 627 | 1113 | 1114 | 1296 |
| 628 | 1116 | 1117 | 1297 |
| 629 | 1119 | 1120 | 1298 |
| 630 | 1122 | 1123 | 1299 |
| 631 | 1125 | 1126 | 1300 |
| 632 | 1128 | 1129 | 1301 |
| 633 | 1131 | 1132 | 1302 |
| 634 | 1134 | 1135 | 1303 |
| 635 | 1137 | 1138 | 1304 |
| 636 | 1140 | 1141 | 1305 |
| 637 | 1143 | 1144 | 1306 |
| 638 | 1146 | 1147 | 1307 |
| 639 | 669 | 612 | 1308 |
| 640 | 672 | 615 | 1309 |
| 641 | 675 | 618 | 1310 |
| 642 | 678 | 621 | 1311 |

| | | | |
|-----|------|------|------|
| 643 | 681 | 624 | 1312 |
| 644 | 684 | 627 | 1313 |
| 645 | 687 | 630 | 1314 |
| 646 | 690 | 633 | 1315 |
| 647 | 693 | 636 | 1316 |
| 648 | 696 | 639 | 1317 |
| 649 | 699 | 642 | 1318 |
| 650 | 702 | 645 | 1319 |
| 651 | 705 | 648 | 1320 |
| 652 | 708 | 651 | 1321 |
| 653 | 609 | 1322 | 1323 |
| 654 | 654 | 1324 | 1325 |
| 655 | 657 | 1326 | 1327 |
| 656 | 727 | 1328 | 1329 |
| 657 | 730 | 1330 | 1331 |
| 658 | 733 | 1332 | 1333 |
| 659 | 736 | 1334 | 1335 |
| 660 | 739 | 1336 | 1337 |
| 661 | 742 | 1338 | 1339 |
| 662 | 745 | 1340 | 1341 |
| 663 | 748 | 1342 | 1343 |
| 664 | 751 | 1344 | 1345 |
| 665 | 754 | 1346 | 1347 |
| 666 | 757 | 1348 | 1349 |
| 667 | 760 | 1350 | 1351 |
| 668 | 763 | 1352 | 1353 |
| 669 | 766 | 1354 | 1355 |
| 670 | 769 | 1356 | 1357 |
| 671 | 772 | 1358 | 1359 |
| 672 | 775 | 1360 | 1361 |
| 673 | 778 | 1362 | 1363 |
| 674 | 799 | 1364 | 1365 |
| 675 | 802 | 1366 | 1367 |
| 676 | 805 | 1368 | 1369 |
| 677 | 808 | 1370 | 1371 |
| 678 | 811 | 1372 | 1373 |
| 679 | 814 | 1374 | 1375 |
| 680 | 817 | 1376 | 1377 |
| 681 | 820 | 1378 | 1379 |
| 682 | 823 | 1380 | 1381 |
| 683 | 826 | 1382 | 1383 |
| 684 | 829 | 1384 | 1385 |
| 685 | 832 | 1386 | 1387 |
| 686 | 835 | 1388 | 1389 |
| 687 | 838 | 1390 | 1391 |
| 688 | 841 | 1392 | 1393 |
| 689 | 844 | 1394 | 1395 |
| 690 | 847 | 1396 | 1397 |
| 691 | 850 | 1398 | 1399 |
| 692 | 853 | 1400 | 1401 |
| 693 | 856 | 1402 | 1403 |
| 694 | 859 | 1404 | 1405 |
| 695 | 862 | 1406 | 1407 |
| 696 | 865 | 1408 | 1409 |
| 697 | 868 | 1410 | 1411 |
| 698 | 871 | 1412 | 1413 |
| 699 | 874 | 1414 | 1415 |
| 700 | 877 | 1416 | 1417 |
| 701 | 880 | 1418 | 1419 |
| 702 | 883 | 1420 | 1421 |
| 703 | 886 | 1422 | 1423 |
| 704 | 889 | 1424 | 1425 |
| 705 | 892 | 1426 | 1427 |
| 706 | 895 | 1428 | 1429 |
| 707 | 898 | 1430 | 1431 |
| 708 | 901 | 1432 | 1433 |
| 709 | 904 | 1434 | 1435 |
| 710 | 907 | 1436 | 1437 |
| 711 | 910 | 1438 | 1439 |
| 712 | 913 | 1440 | 1441 |
| 713 | 916 | 1442 | 1443 |
| 714 | 919 | 1444 | 1445 |
| 715 | 922 | 1446 | 1447 |
| 716 | 925 | 1448 | 1449 |
| 717 | 928 | 1450 | 1451 |
| 718 | 931 | 1452 | 1453 |
| 719 | 934 | 1454 | 1455 |
| 720 | 937 | 1456 | 1457 |
| 721 | 940 | 1458 | 1459 |
| 722 | 943 | 1460 | 1461 |
| 723 | 946 | 1462 | 1463 |
| 724 | 949 | 1464 | 1465 |
| 725 | 952 | 1466 | 1467 |
| 726 | 955 | 1468 | 1469 |
| 727 | 958 | 1470 | 1471 |
| 728 | 961 | 1472 | 1473 |
| 729 | 964 | 1474 | 1475 |
| 730 | 967 | 1476 | 1477 |
| 731 | 970 | 1478 | 1479 |
| 732 | 973 | 1480 | 1481 |
| 733 | 976 | 1482 | 1483 |
| 734 | 979 | 1484 | 1485 |
| 735 | 982 | 1486 | 1487 |
| 736 | 985 | 1488 | 1489 |
| 737 | 988 | 1490 | 1491 |
| 738 | 991 | 1492 | 1493 |
| 739 | 994 | 1494 | 1495 |
| 740 | 997 | 1496 | 1497 |
| 741 | 1000 | 1498 | 1499 |
| 742 | 1003 | 1500 | 1501 |
| 743 | 1006 | 1502 | 1503 |
| 744 | 1009 | 1504 | 1505 |
| 745 | 1012 | 1506 | 1507 |
| 746 | 1015 | 1508 | 1509 |
| 747 | 1018 | 1510 | 1511 |

| | | | |
|-----|------|------|------|
| 748 | 1021 | 1512 | 1513 |
| 749 | 1024 | 1514 | 1515 |
| 750 | 1027 | 1516 | 1517 |
| 751 | 1030 | 1518 | 1519 |
| 752 | 1033 | 1520 | 1521 |
| 753 | 1036 | 1522 | 1523 |
| 754 | 1039 | 1524 | 1525 |
| 755 | 1042 | 1526 | 1527 |
| 756 | 1045 | 1528 | 1529 |
| 757 | 1048 | 1530 | 1531 |
| 758 | 1051 | 1532 | 1533 |
| 759 | 1054 | 1534 | 1535 |
| 760 | 1057 | 1536 | 1537 |
| 761 | 1060 | 1538 | 1539 |
| 762 | 1063 | 1540 | 1541 |
| 763 | 1066 | 1542 | 1543 |
| 764 | 1069 | 1544 | 1545 |
| 765 | 1072 | 1546 | 1547 |
| 766 | 1075 | 1548 | 1549 |
| 767 | 1078 | 1550 | 1551 |
| 768 | 1081 | 1552 | 1553 |
| 769 | 1084 | 1554 | 1555 |
| 770 | 1087 | 1556 | 1557 |
| 771 | 1090 | 1558 | 1559 |
| 772 | 1093 | 1560 | 1561 |
| 773 | 1096 | 1562 | 1563 |
| 774 | 1099 | 1564 | 1565 |
| 775 | 1102 | 1566 | 1567 |
| 776 | 1105 | 1568 | 1569 |
| 777 | 1108 | 1570 | 1571 |
| 778 | 1111 | 1572 | 1573 |
| 779 | 1114 | 1574 | 1575 |
| 780 | 1117 | 1576 | 1577 |
| 781 | 1120 | 1578 | 1579 |
| 782 | 1123 | 1580 | 1581 |
| 783 | 1126 | 1582 | 1583 |
| 784 | 1129 | 1584 | 1585 |
| 785 | 1132 | 1586 | 1587 |
| 786 | 1135 | 1588 | 1589 |
| 787 | 1138 | 1590 | 1591 |
| 788 | 1141 | 1592 | 1593 |
| 789 | 1144 | 1594 | 1595 |
| 790 | 1147 | 1596 | 1597 |
| 791 | 612 | 1598 | 1599 |
| 792 | 615 | 1600 | 1601 |
| 793 | 618 | 1602 | 1603 |
| 794 | 621 | 1604 | 1605 |
| 795 | 624 | 1606 | 1607 |
| 796 | 627 | 1608 | 1609 |
| 797 | 630 | 1610 | 1611 |
| 798 | 633 | 1612 | 1613 |
| 799 | 636 | 1614 | 1615 |
| 800 | 639 | 1616 | 1617 |
| 801 | 642 | 1618 | 1619 |
| 802 | 645 | 1620 | 1621 |
| 803 | 648 | 1622 | 1623 |
| 804 | 651 | 1624 | 1625 |
| 805 | 1626 | 1627 | 1628 |
| 806 | 1629 | 1630 | 1631 |
| 807 | 1632 | 1633 | 1634 |
| 808 | 1635 | 1636 | 1637 |
| 809 | 666 | 1638 | 1639 |
| 810 | 711 | 1640 | 1641 |
| 811 | 714 | 1642 | 1643 |
| 812 | 726 | 1644 | 1645 |
| 813 | 729 | 1646 | 1647 |
| 814 | 732 | 1648 | 1649 |
| 815 | 735 | 1650 | 1651 |
| 816 | 738 | 1652 | 1653 |
| 817 | 741 | 1654 | 1655 |
| 818 | 744 | 1656 | 1657 |
| 819 | 747 | 1658 | 1659 |
| 820 | 750 | 1660 | 1661 |
| 821 | 753 | 1662 | 1663 |
| 822 | 756 | 1664 | 1665 |
| 823 | 759 | 1666 | 1667 |
| 824 | 762 | 1668 | 1669 |
| 825 | 765 | 1670 | 1671 |
| 826 | 768 | 1672 | 1673 |
| 827 | 771 | 1674 | 1675 |
| 828 | 774 | 1676 | 1677 |
| 829 | 777 | 1678 | 1679 |
| 830 | 798 | 1680 | 1681 |
| 831 | 801 | 1682 | 1683 |
| 832 | 804 | 1684 | 1685 |
| 833 | 807 | 1686 | 1687 |
| 834 | 810 | 1688 | 1689 |
| 835 | 813 | 1690 | 1691 |
| 836 | 816 | 1692 | 1693 |
| 837 | 819 | 1694 | 1695 |
| 838 | 822 | 1696 | 1697 |
| 839 | 825 | 1698 | 1699 |
| 840 | 828 | 1700 | 1701 |
| 841 | 831 | 1702 | 1703 |
| 842 | 834 | 1704 | 1705 |
| 843 | 837 | 1706 | 1707 |
| 844 | 840 | 1708 | 1709 |
| 845 | 843 | 1710 | 1711 |
| 846 | 846 | 1712 | 1713 |
| 847 | 849 | 1714 | 1715 |
| 848 | 852 | 1716 | 1717 |
| 849 | 855 | 1718 | 1719 |
| 850 | 858 | 1720 | 1721 |
| 851 | 861 | 1722 | 1723 |
| 852 | 864 | 1724 | 1725 |

| | | | |
|-----|------|------|------|
| 853 | 867 | 1726 | 1727 |
| 854 | 870 | 1728 | 1729 |
| 855 | 873 | 1730 | 1731 |
| 856 | 876 | 1732 | 1733 |
| 857 | 879 | 1734 | 1735 |
| 858 | 882 | 1736 | 1737 |
| 859 | 885 | 1738 | 1739 |
| 860 | 888 | 1740 | 1741 |
| 861 | 891 | 1742 | 1743 |
| 862 | 894 | 1744 | 1745 |
| 863 | 897 | 1746 | 1747 |
| 864 | 900 | 1748 | 1749 |
| 865 | 903 | 1750 | 1751 |
| 866 | 906 | 1752 | 1753 |
| 867 | 909 | 1754 | 1755 |
| 868 | 912 | 1756 | 1757 |
| 869 | 915 | 1758 | 1759 |
| 870 | 918 | 1760 | 1761 |
| 871 | 921 | 1762 | 1763 |
| 872 | 924 | 1764 | 1765 |
| 873 | 927 | 1766 | 1767 |
| 874 | 930 | 1768 | 1769 |
| 875 | 933 | 1770 | 1771 |
| 876 | 936 | 1772 | 1773 |
| 877 | 939 | 1774 | 1775 |
| 878 | 942 | 1776 | 1777 |
| 879 | 945 | 1778 | 1779 |
| 880 | 948 | 1780 | 1781 |
| 881 | 951 | 1782 | 1783 |
| 882 | 954 | 1784 | 1785 |
| 883 | 957 | 1786 | 1787 |
| 884 | 960 | 1788 | 1789 |
| 885 | 963 | 1790 | 1791 |
| 886 | 966 | 1792 | 1793 |
| 887 | 969 | 1794 | 1795 |
| 888 | 972 | 1796 | 1797 |
| 889 | 975 | 1798 | 1799 |
| 890 | 978 | 1800 | 1801 |
| 891 | 981 | 1802 | 1803 |
| 892 | 984 | 1804 | 1805 |
| 893 | 987 | 1806 | 1807 |
| 894 | 990 | 1808 | 1809 |
| 895 | 993 | 1810 | 1811 |
| 896 | 996 | 1812 | 1813 |
| 897 | 999 | 1814 | 1815 |
| 898 | 1002 | 1816 | 1817 |
| 899 | 1005 | 1818 | 1819 |
| 900 | 1008 | 1820 | 1821 |
| 901 | 1011 | 1822 | 1823 |
| 902 | 1014 | 1824 | 1825 |
| 903 | 1017 | 1826 | 1827 |
| 904 | 1020 | 1828 | 1829 |
| 905 | 1023 | 1830 | 1831 |
| 906 | 1026 | 1832 | 1833 |
| 907 | 1029 | 1834 | 1835 |
| 908 | 1032 | 1836 | 1837 |
| 909 | 1035 | 1838 | 1839 |
| 910 | 1038 | 1840 | 1841 |
| 911 | 1041 | 1842 | 1843 |
| 912 | 1044 | 1844 | 1845 |
| 913 | 1047 | 1846 | 1847 |
| 914 | 1050 | 1848 | 1849 |
| 915 | 1053 | 1850 | 1851 |
| 916 | 1056 | 1852 | 1853 |
| 917 | 1059 | 1854 | 1855 |
| 918 | 1062 | 1856 | 1857 |
| 919 | 1065 | 1858 | 1859 |
| 920 | 1068 | 1860 | 1861 |
| 921 | 1071 | 1862 | 1863 |
| 922 | 1074 | 1864 | 1865 |
| 923 | 1077 | 1866 | 1867 |
| 924 | 1080 | 1868 | 1869 |
| 925 | 1083 | 1870 | 1871 |
| 926 | 1086 | 1872 | 1873 |
| 927 | 1089 | 1874 | 1875 |
| 928 | 1092 | 1876 | 1877 |
| 929 | 1095 | 1878 | 1879 |
| 930 | 1098 | 1880 | 1881 |
| 931 | 1101 | 1882 | 1883 |
| 932 | 1104 | 1884 | 1885 |
| 933 | 1107 | 1886 | 1887 |
| 934 | 1110 | 1888 | 1889 |
| 935 | 1113 | 1890 | 1891 |
| 936 | 1116 | 1892 | 1893 |
| 937 | 1119 | 1894 | 1895 |
| 938 | 1122 | 1896 | 1897 |
| 939 | 1125 | 1898 | 1899 |
| 940 | 1128 | 1900 | 1901 |
| 941 | 1131 | 1902 | 1903 |
| 942 | 1134 | 1904 | 1905 |
| 943 | 1137 | 1906 | 1907 |
| 944 | 1140 | 1908 | 1909 |
| 945 | 1143 | 1910 | 1911 |
| 946 | 1146 | 1912 | 1913 |
| 947 | 669 | 1914 | 1915 |
| 948 | 672 | 1916 | 1917 |
| 949 | 675 | 1918 | 1919 |
| 950 | 678 | 1920 | 1921 |
| 951 | 681 | 1922 | 1923 |
| 952 | 684 | 1924 | 1925 |
| 953 | 687 | 1926 | 1927 |
| 954 | 690 | 1928 | 1929 |
| 955 | 693 | 1930 | 1931 |
| 956 | 696 | 1932 | 1933 |
| 957 | 699 | 1934 | 1935 |

| | | | |
|------|------|------|------|
| 958 | 702 | 1936 | 1937 |
| 959 | 705 | 1938 | 1939 |
| 960 | 708 | 1940 | 1941 |
| 961 | 1942 | 1943 | 1944 |
| 962 | 1945 | 1946 | 1947 |
| 963 | 1948 | 1949 | 1950 |
| 964 | 1951 | 1952 | 1953 |
| 965 | 717 | 1954 | 1955 |
| 966 | 780 | 1956 | 1957 |
| 967 | 783 | 1958 | 1959 |
| 968 | 724 | 663 | 1960 |
| 969 | 786 | 1961 | 1962 |
| 970 | 789 | 1963 | 1964 |
| 971 | 792 | 1965 | 1966 |
| 972 | 795 | 1967 | 1968 |
| 973 | 724 | 1969 | 1970 |
| 974 | 660 | 1971 | 1972 |
| 975 | 781 | 1973 | 1974 |
| 976 | 784 | 1975 | 1976 |
| 977 | 787 | 1977 | 1978 |
| 978 | 790 | 1979 | 1980 |
| 979 | 793 | 1981 | 1982 |
| 980 | 796 | 1983 | 1984 |
| 981 | 663 | 1985 | 1986 |
| 982 | 1987 | 796 | 1988 |
| 983 | 796 | 663 | 1989 |
| 984 | 1990 | 790 | 1991 |
| 985 | 793 | 1987 | 1992 |
| 986 | 790 | 793 | 1993 |
| 987 | 1994 | 784 | 1995 |
| 988 | 787 | 1990 | 1996 |
| 989 | 784 | 787 | 1997 |
| 990 | 660 | 781 | 1998 |
| 991 | 781 | 1994 | 1999 |
| 992 | 2000 | 1147 | 2001 |
| 993 | 1147 | 660 | 2002 |
| 994 | 2003 | 1141 | 2004 |
| 995 | 1144 | 2000 | 2005 |
| 996 | 1141 | 1144 | 2006 |
| 997 | 2007 | 1132 | 2008 |
| 998 | 1138 | 2003 | 2009 |
| 999 | 1135 | 1138 | 2010 |
| 1000 | 1132 | 1135 | 2011 |
| 1001 | 2012 | 1126 | 2013 |
| 1002 | 1129 | 2007 | 2014 |
| 1003 | 1126 | 1129 | 2015 |
| 1004 | 657 | 1123 | 2016 |
| 1005 | 1123 | 2012 | 2017 |
| 1006 | 2018 | 1120 | 2019 |
| 1007 | 1120 | 657 | 2020 |
| 1008 | 2021 | 1114 | 2022 |
| 1009 | 1117 | 2018 | 2023 |
| 1010 | 1114 | 1117 | 2024 |
| 1011 | 2025 | 1105 | 2026 |
| 1012 | 1111 | 2021 | 2027 |
| 1013 | 1108 | 1111 | 2028 |
| 1014 | 1105 | 1108 | 2029 |
| 1015 | 2030 | 1099 | 2031 |
| 1016 | 1102 | 2025 | 2032 |
| 1017 | 1099 | 1102 | 2033 |
| 1018 | 654 | 1096 | 2034 |
| 1019 | 1096 | 2030 | 2035 |
| 1020 | 2036 | 1093 | 2037 |
| 1021 | 1093 | 654 | 2038 |
| 1022 | 2039 | 1087 | 2040 |
| 1023 | 1090 | 2036 | 2041 |
| 1024 | 1087 | 1090 | 2042 |
| 1025 | 2043 | 1078 | 2044 |
| 1026 | 1084 | 2039 | 2045 |
| 1027 | 1081 | 1084 | 2046 |
| 1028 | 1078 | 1081 | 2047 |
| 1029 | 2048 | 1072 | 2049 |
| 1030 | 1075 | 2043 | 2050 |
| 1031 | 1072 | 1075 | 2051 |
| 1032 | 651 | 1069 | 2052 |
| 1033 | 1069 | 2048 | 2053 |
| 1034 | 2054 | 1066 | 2055 |
| 1035 | 1066 | 651 | 2056 |
| 1036 | 2057 | 1060 | 2058 |
| 1037 | 1063 | 2054 | 2059 |
| 1038 | 1060 | 1063 | 2060 |
| 1039 | 2061 | 1051 | 2062 |
| 1040 | 1057 | 2057 | 2063 |
| 1041 | 1054 | 1057 | 2064 |
| 1042 | 1051 | 1054 | 2065 |
| 1043 | 2066 | 1045 | 2067 |
| 1044 | 1048 | 2061 | 2068 |
| 1045 | 1045 | 1048 | 2069 |
| 1046 | 648 | 1042 | 2070 |
| 1047 | 1042 | 2066 | 2071 |
| 1048 | 2072 | 1039 | 2073 |
| 1049 | 1039 | 648 | 2074 |
| 1050 | 2075 | 1033 | 2076 |
| 1051 | 1036 | 2072 | 2077 |
| 1052 | 1033 | 1036 | 2078 |
| 1053 | 2079 | 1024 | 2080 |
| 1054 | 1030 | 2075 | 2081 |
| 1055 | 1027 | 1030 | 2082 |
| 1056 | 1024 | 1027 | 2083 |
| 1057 | 2084 | 1018 | 2085 |
| 1058 | 1021 | 2079 | 2086 |
| 1059 | 1018 | 1021 | 2087 |
| 1060 | 645 | 1015 | 2088 |
| 1061 | 1015 | 2084 | 2089 |
| 1062 | 2090 | 1012 | 2091 |

| | | | |
|------|------|------|------|
| 1063 | 1012 | 645 | 2092 |
| 1064 | 2093 | 1006 | 2094 |
| 1065 | 1009 | 2090 | 2095 |
| 1066 | 1006 | 1009 | 2096 |
| 1067 | 2097 | 997 | 2098 |
| 1068 | 1003 | 2093 | 2099 |
| 1069 | 1000 | 1003 | 2100 |
| 1070 | 997 | 1000 | 2101 |
| 1071 | 2102 | 991 | 2103 |
| 1072 | 994 | 2097 | 2104 |
| 1073 | 991 | 994 | 2105 |
| 1074 | 642 | 988 | 2106 |
| 1075 | 988 | 2102 | 2107 |
| 1076 | 2108 | 985 | 2109 |
| 1077 | 985 | 642 | 2110 |
| 1078 | 2111 | 979 | 2112 |
| 1079 | 982 | 2108 | 2113 |
| 1080 | 979 | 982 | 2114 |
| 1081 | 2115 | 970 | 2116 |
| 1082 | 976 | 2111 | 2117 |
| 1083 | 973 | 976 | 2118 |
| 1084 | 970 | 973 | 2119 |
| 1085 | 2120 | 964 | 2121 |
| 1086 | 967 | 2115 | 2122 |
| 1087 | 964 | 967 | 2123 |
| 1088 | 639 | 961 | 2124 |
| 1089 | 961 | 2120 | 2125 |
| 1090 | 2126 | 778 | 2127 |
| 1091 | 778 | 639 | 2128 |
| 1092 | 2129 | 772 | 2130 |
| 1093 | 775 | 2126 | 2131 |
| 1094 | 772 | 775 | 2132 |
| 1095 | 2133 | 766 | 2134 |
| 1096 | 769 | 2129 | 2135 |
| 1097 | 766 | 769 | 2136 |
| 1098 | 636 | 763 | 2137 |
| 1099 | 763 | 2133 | 2138 |
| 1100 | 2139 | 760 | 2140 |
| 1101 | 760 | 633 | 2141 |
| 1102 | 2142 | 754 | 2143 |
| 1103 | 757 | 2139 | 2144 |
| 1104 | 754 | 757 | 2145 |
| 1105 | 2146 | 748 | 2147 |
| 1106 | 751 | 2142 | 2148 |
| 1107 | 748 | 751 | 2149 |
| 1108 | 630 | 745 | 2150 |
| 1109 | 745 | 2146 | 2151 |
| 1110 | 2152 | 958 | 2153 |
| 1111 | 958 | 630 | 2154 |
| 1112 | 2155 | 952 | 2156 |
| 1113 | 955 | 2152 | 2157 |
| 1114 | 952 | 955 | 2158 |
| 1115 | 2159 | 943 | 2160 |
| 1116 | 949 | 2155 | 2161 |
| 1117 | 946 | 949 | 2162 |
| 1118 | 943 | 946 | 2163 |
| 1119 | 2164 | 937 | 2165 |
| 1120 | 940 | 2159 | 2166 |
| 1121 | 937 | 940 | 2167 |
| 1122 | 627 | 934 | 2168 |
| 1123 | 934 | 2164 | 2169 |
| 1124 | 2170 | 931 | 2171 |
| 1125 | 931 | 627 | 2172 |
| 1126 | 2173 | 925 | 2174 |
| 1127 | 928 | 2170 | 2175 |
| 1128 | 925 | 928 | 2176 |
| 1129 | 2177 | 916 | 2178 |
| 1130 | 922 | 2173 | 2179 |
| 1131 | 919 | 922 | 2180 |
| 1132 | 916 | 919 | 2181 |
| 1133 | 2182 | 910 | 2183 |
| 1134 | 913 | 2177 | 2184 |
| 1135 | 910 | 913 | 2185 |
| 1136 | 624 | 907 | 2186 |
| 1137 | 907 | 2182 | 2187 |
| 1138 | 2188 | 904 | 2189 |
| 1139 | 904 | 624 | 2190 |
| 1140 | 2191 | 898 | 2192 |
| 1141 | 901 | 2188 | 2193 |
| 1142 | 898 | 901 | 2194 |
| 1143 | 2195 | 889 | 2196 |
| 1144 | 895 | 2191 | 2197 |
| 1145 | 892 | 895 | 2198 |
| 1146 | 889 | 892 | 2199 |
| 1147 | 2200 | 883 | 2201 |
| 1148 | 886 | 2195 | 2202 |
| 1149 | 883 | 886 | 2203 |
| 1150 | 621 | 880 | 2204 |
| 1151 | 880 | 2200 | 2205 |
| 1152 | 2206 | 877 | 2207 |
| 1153 | 877 | 621 | 2208 |
| 1154 | 2209 | 871 | 2210 |
| 1155 | 874 | 2206 | 2211 |
| 1156 | 871 | 874 | 2212 |
| 1157 | 2213 | 862 | 2214 |
| 1158 | 868 | 2209 | 2215 |
| 1159 | 865 | 868 | 2216 |
| 1160 | 862 | 865 | 2217 |
| 1161 | 2218 | 856 | 2219 |
| 1162 | 859 | 2213 | 2220 |
| 1163 | 856 | 859 | 2221 |
| 1164 | 618 | 853 | 2222 |
| 1165 | 853 | 2218 | 2223 |
| 1166 | 2224 | 850 | 2225 |
| 1167 | 850 | 618 | 2226 |

| | | | |
|------|------|------|------|
| 1168 | 2227 | 844 | 2228 |
| 1169 | 847 | 2224 | 2229 |
| 1170 | 844 | 847 | 2230 |
| 1171 | 2231 | 835 | 2232 |
| 1172 | 841 | 2227 | 2233 |
| 1173 | 838 | 841 | 2234 |
| 1174 | 835 | 838 | 2235 |
| 1175 | 2236 | 829 | 2237 |
| 1176 | 832 | 2231 | 2238 |
| 1177 | 829 | 832 | 2239 |
| 1178 | 615 | 826 | 2240 |
| 1179 | 826 | 2236 | 2241 |
| 1180 | 2242 | 823 | 2243 |
| 1181 | 823 | 615 | 2244 |
| 1182 | 2245 | 817 | 2246 |
| 1183 | 820 | 2242 | 2247 |
| 1184 | 817 | 820 | 2248 |
| 1185 | 2249 | 808 | 2250 |
| 1186 | 814 | 2245 | 2251 |
| 1187 | 811 | 814 | 2252 |
| 1188 | 808 | 811 | 2253 |
| 1189 | 2254 | 802 | 2255 |
| 1190 | 805 | 2249 | 2256 |
| 1191 | 802 | 805 | 2257 |
| 1192 | 612 | 799 | 2258 |
| 1193 | 799 | 2254 | 2259 |
| 1194 | 2260 | 742 | 2261 |
| 1195 | 742 | 612 | 2262 |
| 1196 | 2263 | 736 | 2264 |
| 1197 | 739 | 2260 | 2265 |
| 1198 | 736 | 739 | 2266 |
| 1199 | 2267 | 730 | 2268 |
| 1200 | 733 | 2263 | 2269 |
| 1201 | 730 | 733 | 2270 |
| 1202 | 609 | 727 | 2271 |
| 1203 | 727 | 2267 | 2272 |
| 1204 | 1632 | 609 | 2273 |
| 1205 | 633 | 1626 | 2274 |
| 1206 | 1629 | 636 | 2275 |
| 1207 | 663 | 1635 | 2276 |
| 1208 | 2277 | 795 | 2278 |
| 1209 | 795 | 724 | 2279 |
| 1210 | 2280 | 789 | 2281 |
| 1211 | 792 | 2277 | 2282 |
| 1212 | 789 | 792 | 2283 |
| 1213 | 2284 | 783 | 2285 |
| 1214 | 786 | 2280 | 2286 |
| 1215 | 783 | 786 | 2287 |
| 1216 | 717 | 780 | 2288 |
| 1217 | 780 | 2284 | 2289 |
| 1218 | 2290 | 1146 | 2291 |
| 1219 | 1146 | 717 | 2292 |
| 1220 | 2293 | 1140 | 2294 |
| 1221 | 1143 | 2290 | 2295 |
| 1222 | 1140 | 1143 | 2296 |
| 1223 | 2297 | 1131 | 2298 |
| 1224 | 1137 | 2293 | 2299 |
| 1225 | 1134 | 1137 | 2300 |
| 1226 | 1131 | 1134 | 2301 |
| 1227 | 2302 | 1125 | 2303 |
| 1228 | 1128 | 2297 | 2304 |
| 1229 | 1125 | 1128 | 2305 |
| 1230 | 714 | 1122 | 2306 |
| 1231 | 1122 | 2302 | 2307 |
| 1232 | 2308 | 1119 | 2309 |
| 1233 | 1119 | 714 | 2310 |
| 1234 | 2311 | 1113 | 2312 |
| 1235 | 1116 | 2308 | 2313 |
| 1236 | 1113 | 1116 | 2314 |
| 1237 | 2315 | 1104 | 2316 |
| 1238 | 1110 | 2311 | 2317 |
| 1239 | 1107 | 1110 | 2318 |
| 1240 | 1104 | 1107 | 2319 |
| 1241 | 2320 | 1098 | 2321 |
| 1242 | 1101 | 2315 | 2322 |
| 1243 | 1098 | 1101 | 2323 |
| 1244 | 711 | 1095 | 2324 |
| 1245 | 1095 | 2320 | 2325 |
| 1246 | 2326 | 1092 | 2327 |
| 1247 | 1092 | 711 | 2328 |
| 1248 | 2329 | 1086 | 2330 |
| 1249 | 1089 | 2326 | 2331 |
| 1250 | 1086 | 1089 | 2332 |
| 1251 | 2333 | 1077 | 2334 |
| 1252 | 1083 | 2329 | 2335 |
| 1253 | 1080 | 1083 | 2336 |
| 1254 | 1077 | 1080 | 2337 |
| 1255 | 2338 | 1071 | 2339 |
| 1256 | 1074 | 2333 | 2340 |
| 1257 | 1071 | 1074 | 2341 |
| 1258 | 708 | 1068 | 2342 |
| 1259 | 1068 | 2338 | 2343 |
| 1260 | 2344 | 1065 | 2345 |
| 1261 | 1065 | 708 | 2346 |
| 1262 | 2347 | 1059 | 2348 |
| 1263 | 1062 | 2344 | 2349 |
| 1264 | 1059 | 1062 | 2350 |
| 1265 | 2351 | 1050 | 2352 |
| 1266 | 1056 | 2347 | 2353 |
| 1267 | 1053 | 1056 | 2354 |
| 1268 | 1050 | 1053 | 2355 |
| 1269 | 2356 | 1044 | 2357 |
| 1270 | 1047 | 2351 | 2358 |
| 1271 | 1044 | 1047 | 2359 |
| 1272 | 705 | 1041 | 2360 |

| | | | |
|------|------|------|------|
| 1273 | 1041 | 2356 | 2361 |
| 1274 | 2362 | 1038 | 2363 |
| 1275 | 1038 | 705 | 2364 |
| 1276 | 2365 | 1032 | 2366 |
| 1277 | 1035 | 2362 | 2367 |
| 1278 | 1032 | 1035 | 2368 |
| 1279 | 2369 | 1023 | 2370 |
| 1280 | 1029 | 2365 | 2371 |
| 1281 | 1026 | 1029 | 2372 |
| 1282 | 1023 | 1026 | 2373 |
| 1283 | 2374 | 1017 | 2375 |
| 1284 | 1020 | 2369 | 2376 |
| 1285 | 1017 | 1020 | 2377 |
| 1286 | 702 | 1014 | 2378 |
| 1287 | 1014 | 2374 | 2379 |
| 1288 | 2380 | 1011 | 2381 |
| 1289 | 1011 | 702 | 2382 |
| 1290 | 2383 | 1005 | 2384 |
| 1291 | 1008 | 2380 | 2385 |
| 1292 | 1005 | 1008 | 2386 |
| 1293 | 2387 | 996 | 2388 |
| 1294 | 1002 | 2383 | 2389 |
| 1295 | 999 | 1002 | 2390 |
| 1296 | 996 | 999 | 2391 |
| 1297 | 2392 | 990 | 2393 |
| 1298 | 993 | 2387 | 2394 |
| 1299 | 990 | 993 | 2395 |
| 1300 | 699 | 987 | 2396 |
| 1301 | 987 | 2392 | 2397 |
| 1302 | 2398 | 984 | 2399 |
| 1303 | 984 | 699 | 2400 |
| 1304 | 2401 | 978 | 2402 |
| 1305 | 981 | 2398 | 2403 |
| 1306 | 978 | 981 | 2404 |
| 1307 | 2405 | 969 | 2406 |
| 1308 | 975 | 2401 | 2407 |
| 1309 | 972 | 975 | 2408 |
| 1310 | 969 | 972 | 2409 |
| 1311 | 2410 | 963 | 2411 |
| 1312 | 966 | 2405 | 2412 |
| 1313 | 963 | 966 | 2413 |
| 1314 | 696 | 960 | 2414 |
| 1315 | 960 | 2410 | 2415 |
| 1316 | 2416 | 777 | 2417 |
| 1317 | 777 | 696 | 2418 |
| 1318 | 2419 | 771 | 2420 |
| 1319 | 774 | 2416 | 2421 |
| 1320 | 771 | 774 | 2422 |
| 1321 | 2423 | 765 | 2424 |
| 1322 | 768 | 2419 | 2425 |
| 1323 | 765 | 768 | 2426 |
| 1324 | 693 | 762 | 2427 |
| 1325 | 762 | 2423 | 2428 |
| 1326 | 2429 | 759 | 2430 |
| 1327 | 759 | 690 | 2431 |
| 1328 | 2432 | 753 | 2433 |
| 1329 | 756 | 2429 | 2434 |
| 1330 | 753 | 756 | 2435 |
| 1331 | 2436 | 747 | 2437 |
| 1332 | 750 | 2432 | 2438 |
| 1333 | 747 | 750 | 2439 |
| 1334 | 687 | 744 | 2440 |
| 1335 | 744 | 2436 | 2441 |
| 1336 | 2442 | 957 | 2443 |
| 1337 | 957 | 687 | 2444 |
| 1338 | 2445 | 951 | 2446 |
| 1339 | 954 | 2442 | 2447 |
| 1340 | 951 | 954 | 2448 |
| 1341 | 2449 | 942 | 2450 |
| 1342 | 948 | 2445 | 2451 |
| 1343 | 945 | 948 | 2452 |
| 1344 | 942 | 945 | 2453 |
| 1345 | 2454 | 936 | 2455 |
| 1346 | 939 | 2449 | 2456 |
| 1347 | 936 | 939 | 2457 |
| 1348 | 684 | 933 | 2458 |
| 1349 | 933 | 2454 | 2459 |
| 1350 | 2460 | 930 | 2461 |
| 1351 | 930 | 684 | 2462 |
| 1352 | 2463 | 924 | 2464 |
| 1353 | 927 | 2460 | 2465 |
| 1354 | 924 | 927 | 2466 |
| 1355 | 2467 | 915 | 2468 |
| 1356 | 921 | 2463 | 2469 |
| 1357 | 918 | 921 | 2470 |
| 1358 | 915 | 918 | 2471 |
| 1359 | 2472 | 909 | 2473 |
| 1360 | 912 | 2467 | 2474 |
| 1361 | 909 | 912 | 2475 |
| 1362 | 681 | 906 | 2476 |
| 1363 | 906 | 2472 | 2477 |
| 1364 | 2478 | 903 | 2479 |
| 1365 | 903 | 681 | 2480 |
| 1366 | 2481 | 897 | 2482 |
| 1367 | 900 | 2478 | 2483 |
| 1368 | 897 | 900 | 2484 |
| 1369 | 2485 | 888 | 2486 |
| 1370 | 894 | 2481 | 2487 |
| 1371 | 891 | 894 | 2488 |
| 1372 | 888 | 891 | 2489 |
| 1373 | 2490 | 882 | 2491 |
| 1374 | 885 | 2485 | 2492 |
| 1375 | 882 | 885 | 2493 |
| 1376 | 678 | 879 | 2494 |
| 1377 | 879 | 2490 | 2495 |

| | | | |
|------|------|------|------|
| 1378 | 2496 | 876 | 2497 |
| 1379 | 876 | 678 | 2498 |
| 1380 | 2499 | 870 | 2500 |
| 1381 | 873 | 2496 | 2501 |
| 1382 | 870 | 873 | 2502 |
| 1383 | 2503 | 861 | 2504 |
| 1384 | 867 | 2499 | 2505 |
| 1385 | 864 | 867 | 2506 |
| 1386 | 861 | 864 | 2507 |
| 1387 | 2508 | 855 | 2509 |
| 1388 | 858 | 2503 | 2510 |
| 1389 | 855 | 858 | 2511 |
| 1390 | 675 | 852 | 2512 |
| 1391 | 852 | 2508 | 2513 |
| 1392 | 2514 | 849 | 2515 |
| 1393 | 849 | 675 | 2516 |
| 1394 | 2517 | 843 | 2518 |
| 1395 | 846 | 2514 | 2519 |
| 1396 | 843 | 846 | 2520 |
| 1397 | 2521 | 834 | 2522 |
| 1398 | 840 | 2517 | 2523 |
| 1399 | 837 | 840 | 2524 |
| 1400 | 834 | 837 | 2525 |
| 1401 | 2526 | 828 | 2527 |
| 1402 | 831 | 2521 | 2528 |
| 1403 | 828 | 831 | 2529 |
| 1404 | 672 | 825 | 2530 |
| 1405 | 825 | 2526 | 2531 |
| 1406 | 2532 | 822 | 2533 |
| 1407 | 822 | 672 | 2534 |
| 1408 | 2535 | 816 | 2536 |
| 1409 | 819 | 2532 | 2537 |
| 1410 | 816 | 819 | 2538 |
| 1411 | 2539 | 807 | 2540 |
| 1412 | 813 | 2535 | 2541 |
| 1413 | 810 | 813 | 2542 |
| 1414 | 807 | 810 | 2543 |
| 1415 | 2544 | 801 | 2545 |
| 1416 | 804 | 2539 | 2546 |
| 1417 | 801 | 804 | 2547 |
| 1418 | 669 | 798 | 2548 |
| 1419 | 798 | 2544 | 2549 |
| 1420 | 2550 | 741 | 2551 |
| 1421 | 741 | 669 | 2552 |
| 1422 | 2553 | 735 | 2554 |
| 1423 | 738 | 2550 | 2555 |
| 1424 | 735 | 738 | 2556 |
| 1425 | 2557 | 729 | 2558 |
| 1426 | 732 | 2553 | 2559 |
| 1427 | 729 | 732 | 2560 |
| 1428 | 666 | 726 | 2561 |
| 1429 | 726 | 2557 | 2562 |
| 1430 | 1948 | 666 | 2563 |
| 1431 | 690 | 1942 | 2564 |
| 1432 | 1945 | 693 | 2565 |
| 1433 | 724 | 1951 | 2566 |
| 1434 | 1948 | 2567 | 2568 |
| 1435 | 2567 | 1632 | 2569 |
| 1436 | 1942 | 2570 | 2571 |
| 1437 | 2570 | 1626 | 2572 |
| 1438 | 1945 | 2573 | 2574 |
| 1439 | 2573 | 1629 | 2575 |
| 1440 | 1951 | 2576 | 2577 |
| 1441 | 2576 | 1635 | 2578 |
| 1442 | 2579 | 724 | 2580 |

TOTAL NUMBER OF ELEMENTS = 1507
LARGEST ELEMENT NUMBER = 1507
LARGEST NODE NUMBER = 2742

DEFAULT SOLVER CHOSEN

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

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | -325.777 | 2.12500 | -2.50000 |
| 2 | -325.777 | 2.12500 | -3.00000 |
| 3 | -325.777 | 3.12500 | -2.50000 |
| 4 | -325.777 | 9.12500 | -2.50000 |
| 5 | -325.777 | 9.12500 | -3.00000 |
| 6 | -325.777 | 10.1250 | -2.50000 |
| 7 | -325.777 | 2.12500 | -4.25000 |
| 8 | -325.777 | 3.12500 | -3.00000 |
| 9 | -325.777 | 9.12500 | -4.25000 |
| 10 | -325.777 | 10.1250 | -3.00000 |
| 11 | -325.777 | 5.62500 | -4.25000 |
| 12 | -326.944 | 2.12500 | -4.25000 |
| 13 | -326.944 | 5.62500 | -4.25000 |
| 14 | -325.777 | 10.2050 | -4.25000 |
| 15 | -326.777 | 9.12500 | -4.25000 |
| 16 | -325.777 | 1.04500 | -4.25000 |
| 17 | -326.777 | 1.04500 | -4.25000 |
| 18 | -325.777 | 5.62500 | -5.50000 |
| 19 | -325.777 | 6.62500 | -4.25000 |
| 20 | -325.777 | 5.62500 | -7.00000 |
| 21 | -325.777 | 5.62500 | -5.68750 |

| | | | |
|-----|----------|---------|----------|
| 22 | -325.777 | 5.62500 | -5.87500 |
| 23 | -325.777 | 5.62500 | -6.06250 |
| 24 | -325.777 | 5.62500 | -6.25000 |
| 25 | -325.777 | 5.62500 | -6.43750 |
| 26 | -325.777 | 5.62500 | -6.62500 |
| 27 | -325.777 | 5.62500 | -6.81250 |
| 28 | -325.777 | 6.62500 | -5.50000 |
| 29 | -325.777 | 6.62500 | -5.68750 |
| 30 | -325.777 | 6.62500 | -5.87500 |
| 31 | -325.777 | 6.62500 | -6.06250 |
| 32 | -325.777 | 6.62500 | -6.25000 |
| 33 | -325.777 | 6.62500 | -6.43750 |
| 34 | -325.777 | 6.62500 | -6.62500 |
| 35 | -325.777 | 6.62500 | -6.81250 |
| 36 | -277.187 | 2.12500 | -3.00000 |
| 37 | -277.187 | 2.12500 | -4.25000 |
| 38 | -277.187 | 3.12500 | -3.00000 |
| 39 | -277.187 | 9.12500 | -3.00000 |
| 40 | -277.187 | 9.12500 | -4.25000 |
| 41 | -277.187 | 10.1250 | -3.00000 |
| 42 | -277.187 | 5.62500 | -4.25000 |
| 43 | -278.354 | 2.12500 | -4.25000 |
| 44 | -278.354 | 5.62500 | -4.25000 |
| 45 | -277.187 | 10.2050 | -4.25000 |
| 46 | -278.187 | 9.12500 | -4.25000 |
| 47 | -277.187 | 1.04500 | -4.25000 |
| 48 | -278.187 | 1.04500 | -4.25000 |
| 49 | -277.187 | 5.62500 | -5.50000 |
| 50 | -277.187 | 6.62500 | -4.25000 |
| 51 | -277.187 | 5.62500 | -7.50000 |
| 52 | -277.187 | 5.62500 | -5.75000 |
| 53 | -277.187 | 5.62500 | -6.00000 |
| 54 | -277.187 | 5.62500 | -6.25000 |
| 55 | -277.187 | 5.62500 | -6.50000 |
| 56 | -277.187 | 5.62500 | -6.75000 |
| 57 | -277.187 | 5.62500 | -7.00000 |
| 58 | -277.187 | 5.62500 | -7.25000 |
| 59 | -277.187 | 6.62500 | -5.50000 |
| 60 | -277.187 | 6.62500 | -5.75000 |
| 61 | -277.187 | 6.62500 | -6.00000 |
| 62 | -277.187 | 6.62500 | -6.25000 |
| 63 | -277.187 | 6.62500 | -6.50000 |
| 64 | -277.187 | 6.62500 | -6.75000 |
| 65 | -277.187 | 6.62500 | -7.00000 |
| 66 | -277.187 | 6.62500 | -7.25000 |
| 67 | -277.187 | 2.12500 | -2.50000 |
| 68 | -277.187 | 3.12500 | -2.50000 |
| 69 | -277.187 | 9.12500 | -2.50000 |
| 70 | -277.187 | 10.1250 | -2.50000 |
| 71 | -325.777 | 5.62500 | -8.80000 |
| 72 | -325.777 | 6.62500 | -7.00000 |
| 73 | -277.187 | 5.62500 | -9.30000 |
| 74 | -277.187 | 6.62500 | -7.50000 |
| 75 | -228.607 | 2.12500 | -3.00000 |
| 76 | -228.607 | 2.12500 | -4.25000 |
| 77 | -228.607 | 3.12500 | -3.00000 |
| 78 | -228.607 | 9.12500 | -3.00000 |
| 79 | -228.607 | 9.12500 | -4.25000 |
| 80 | -228.607 | 10.1250 | -3.00000 |
| 81 | -228.607 | 5.62500 | -4.25000 |
| 82 | -229.774 | 2.12500 | -4.25000 |
| 83 | -229.774 | 5.62500 | -4.25000 |
| 84 | -228.607 | 10.2050 | -4.25000 |
| 85 | -229.607 | 9.12500 | -4.25000 |
| 86 | -228.607 | 1.04500 | -4.25000 |
| 87 | -229.607 | 1.04500 | -4.25000 |
| 88 | -228.607 | 5.62500 | -5.50000 |
| 89 | -228.607 | 6.62500 | -4.25000 |
| 90 | -228.607 | 5.62500 | -8.00000 |
| 91 | -228.607 | 5.62500 | -5.81250 |
| 92 | -228.607 | 5.62500 | -6.12500 |
| 93 | -228.607 | 5.62500 | -6.43750 |
| 94 | -228.607 | 5.62500 | -6.75000 |
| 95 | -228.607 | 5.62500 | -7.06250 |
| 96 | -228.607 | 5.62500 | -7.37500 |
| 97 | -228.607 | 5.62500 | -7.68750 |
| 98 | -228.607 | 6.62500 | -5.50000 |
| 99 | -228.607 | 6.62500 | -5.81250 |
| 100 | -228.607 | 6.62500 | -6.12500 |
| 101 | -228.607 | 6.62500 | -6.43750 |
| 102 | -228.607 | 6.62500 | -6.75000 |
| 103 | -228.607 | 6.62500 | -7.06250 |
| 104 | -228.607 | 6.62500 | -7.37500 |
| 105 | -228.607 | 6.62500 | -7.68750 |
| 106 | -228.607 | 5.62500 | -9.80000 |
| 107 | -228.607 | 6.62500 | -8.00000 |
| 108 | -228.607 | 9.12500 | -2.50000 |
| 109 | -228.607 | 10.1250 | -2.50000 |
| 110 | -228.607 | 2.12500 | -2.50000 |
| 111 | -228.607 | 3.12500 | -2.50000 |
| 112 | -180.037 | 2.12500 | -3.00000 |
| 113 | -180.037 | 2.12500 | -4.25000 |
| 114 | -180.037 | 3.12500 | -3.00000 |
| 115 | -180.037 | 9.12500 | -3.00000 |
| 116 | -180.037 | 9.12500 | -4.25000 |
| 117 | -180.037 | 10.1250 | -3.00000 |
| 118 | -180.037 | 5.62500 | -4.25000 |
| 119 | -181.204 | 2.12500 | -4.25000 |
| 120 | -181.204 | 5.62500 | -4.25000 |
| 121 | -180.037 | 10.2050 | -4.25000 |
| 122 | -181.037 | 9.12500 | -4.25000 |
| 123 | -180.037 | 1.04500 | -4.25000 |
| 124 | -181.037 | 1.04500 | -4.25000 |
| 125 | -180.037 | 5.62500 | -5.50000 |
| 126 | -180.037 | 6.62500 | -4.25000 |

| | | | |
|-----|----------|----------|-----------|
| 127 | -180.037 | 5.62500 | -8.50000 |
| 128 | -180.037 | 5.62500 | -5.87500 |
| 129 | -180.037 | 5.62500 | -6.25000 |
| 130 | -180.037 | 5.62500 | -6.62500 |
| 131 | -180.037 | 5.62500 | -7.00000 |
| 132 | -180.037 | 5.62500 | -7.37500 |
| 133 | -180.037 | 5.62500 | -7.75000 |
| 134 | -180.037 | 5.62500 | -8.12500 |
| 135 | -180.037 | 6.62500 | -5.50000 |
| 136 | -180.037 | 6.62500 | -5.87500 |
| 137 | -180.037 | 6.62500 | -6.25000 |
| 138 | -180.037 | 6.62500 | -6.62500 |
| 139 | -180.037 | 6.62500 | -7.00000 |
| 140 | -180.037 | 6.62500 | -7.37500 |
| 141 | -180.037 | 6.62500 | -7.75000 |
| 142 | -180.037 | 6.62500 | -8.12500 |
| 143 | -180.037 | 5.62500 | -10.30000 |
| 144 | -180.037 | 6.62500 | -8.50000 |
| 145 | -180.037 | 9.12500 | -2.50000 |
| 146 | -180.037 | 10.12500 | -2.50000 |
| 147 | -180.037 | 2.12500 | -2.50000 |
| 148 | -180.037 | 3.12500 | -2.50000 |
| 149 | -131.487 | 2.12500 | -3.00000 |
| 150 | -131.487 | 2.12500 | -4.25000 |
| 151 | -131.487 | 3.12500 | -3.00000 |
| 152 | -131.487 | 9.12500 | -3.00000 |
| 153 | -131.487 | 9.12500 | -4.25000 |
| 154 | -131.487 | 10.12500 | -3.00000 |
| 155 | -131.487 | 5.62500 | -4.25000 |
| 156 | -132.654 | 2.12500 | -4.25000 |
| 157 | -132.654 | 5.62500 | -4.25000 |
| 158 | -131.487 | 10.20500 | -4.25000 |
| 159 | -132.487 | 9.12500 | -4.25000 |
| 160 | -131.487 | 1.04500 | -4.25000 |
| 161 | -132.487 | 1.04500 | -4.25000 |
| 162 | -131.487 | 5.62500 | -5.50000 |
| 163 | -131.487 | 6.62500 | -4.25000 |
| 164 | -131.487 | 5.62500 | -8.75000 |
| 165 | -131.487 | 5.62500 | -5.90625 |
| 166 | -131.487 | 5.62500 | -6.31250 |
| 167 | -131.487 | 5.62500 | -6.71875 |
| 168 | -131.487 | 5.62500 | -7.12500 |
| 169 | -131.487 | 5.62500 | -7.53125 |
| 170 | -131.487 | 5.62500 | -7.93750 |
| 171 | -131.487 | 5.62500 | -8.34375 |
| 172 | -131.487 | 6.62500 | -5.50000 |
| 173 | -131.487 | 6.62500 | -5.90625 |
| 174 | -131.487 | 6.62500 | -6.31250 |
| 175 | -131.487 | 6.62500 | -6.71875 |
| 176 | -131.487 | 6.62500 | -7.12500 |
| 177 | -131.487 | 6.62500 | -7.53125 |
| 178 | -131.487 | 6.62500 | -7.93750 |
| 179 | -131.487 | 6.62500 | -8.34375 |
| 180 | -131.487 | 5.62500 | -10.55000 |
| 181 | -131.487 | 6.62500 | -8.75000 |
| 182 | -131.487 | 9.12500 | -2.50000 |
| 183 | -131.487 | 10.12500 | -2.50000 |
| 184 | -131.487 | 2.12500 | -2.50000 |
| 185 | -131.487 | 3.12500 | -2.50000 |
| 186 | -82.9570 | 2.12500 | -3.00000 |
| 187 | -82.9570 | 2.12500 | -4.25000 |
| 188 | -82.9570 | 3.12500 | -3.00000 |
| 189 | -82.9570 | 9.12500 | -3.00000 |
| 190 | -82.9570 | 9.12500 | -4.25000 |
| 191 | -82.9570 | 10.12500 | -3.00000 |
| 192 | -82.9570 | 5.62500 | -4.25000 |
| 193 | -84.1237 | 2.12500 | -4.25000 |
| 194 | -84.1237 | 5.62500 | -4.25000 |
| 195 | -82.9570 | 10.20500 | -4.25000 |
| 196 | -83.9570 | 9.12500 | -4.25000 |
| 197 | -82.9570 | 1.04500 | -4.25000 |
| 198 | -83.9570 | 1.04500 | -4.25000 |
| 199 | -82.9570 | 5.62500 | -5.50000 |
| 200 | -82.9570 | 6.62500 | -4.25000 |
| 201 | -82.9570 | 5.62500 | -9.50000 |
| 202 | -82.9570 | 5.62500 | -6.00000 |
| 203 | -82.9570 | 5.62500 | -6.50000 |
| 204 | -82.9570 | 5.62500 | -7.00000 |
| 205 | -82.9570 | 5.62500 | -7.50000 |
| 206 | -82.9570 | 5.62500 | -8.00000 |
| 207 | -82.9570 | 5.62500 | -8.50000 |
| 208 | -82.9570 | 5.62500 | -9.00000 |
| 209 | -82.9570 | 6.62500 | -5.50000 |
| 210 | -82.9570 | 6.62500 | -6.00000 |
| 211 | -82.9570 | 6.62500 | -6.50000 |
| 212 | -82.9570 | 6.62500 | -7.00000 |
| 213 | -82.9570 | 6.62500 | -7.50000 |
| 214 | -82.9570 | 6.62500 | -8.00000 |
| 215 | -82.9570 | 6.62500 | -8.50000 |
| 216 | -82.9570 | 6.62500 | -9.00000 |
| 217 | -82.9570 | 5.62500 | -11.30000 |
| 218 | -82.9570 | 6.62500 | -9.50000 |
| 219 | -82.9570 | 9.12500 | -2.50000 |
| 220 | -82.9570 | 10.12500 | -2.50000 |
| 221 | -82.9570 | 2.12500 | -2.50000 |
| 222 | -82.9570 | 3.12500 | -2.50000 |
| 223 | -34.4470 | 2.12500 | -3.00000 |
| 224 | -34.4470 | 2.12500 | -4.25000 |
| 225 | -34.4470 | 3.12500 | -3.00000 |
| 226 | -34.4470 | 9.12500 | -3.00000 |
| 227 | -34.4470 | 9.12500 | -4.25000 |
| 228 | -34.4470 | 10.12500 | -3.00000 |
| 229 | -34.4470 | 5.62500 | -4.25000 |
| 230 | -35.6137 | 2.12500 | -4.25000 |
| 231 | -35.6137 | 5.62500 | -4.25000 |

| | | | |
|-----|----------|----------|-----------|
| 232 | -34.4470 | 10.2050 | -4.25000 |
| 233 | -35.4470 | 9.12500 | -4.25000 |
| 234 | -34.4470 | 1.04500 | -4.25000 |
| 235 | -35.4470 | 1.04500 | -4.25000 |
| 236 | -34.4470 | 5.62500 | -5.50000 |
| 237 | -34.4470 | 6.62500 | -4.25000 |
| 238 | -34.4470 | 5.62500 | -9.75000 |
| 239 | -34.4470 | 5.62500 | -6.03125 |
| 240 | -34.4470 | 5.62500 | -6.56250 |
| 241 | -34.4470 | 5.62500 | -7.09375 |
| 242 | -34.4470 | 5.62500 | -7.62500 |
| 243 | -34.4470 | 5.62500 | -8.15625 |
| 244 | -34.4470 | 5.62500 | -8.68750 |
| 245 | -34.4470 | 5.62500 | -9.21875 |
| 246 | -34.4470 | 6.62500 | -5.50000 |
| 247 | -34.4470 | 6.62500 | -6.03125 |
| 248 | -34.4470 | 6.62500 | -6.56250 |
| 249 | -34.4470 | 6.62500 | -7.09375 |
| 250 | -34.4470 | 6.62500 | -7.62500 |
| 251 | -34.4470 | 6.62500 | -8.15625 |
| 252 | -34.4470 | 6.62500 | -8.68750 |
| 253 | -34.4470 | 6.62500 | -9.21875 |
| 254 | -34.4470 | 5.62500 | -11.55000 |
| 255 | -34.4470 | 6.62500 | -9.75000 |
| 256 | -34.4470 | 9.12500 | -2.50000 |
| 257 | -34.4470 | 10.12500 | -2.50000 |
| 258 | -34.4470 | 2.12500 | -2.50000 |
| 259 | -34.4470 | 3.12500 | -2.50000 |
| 260 | 33.5470 | 2.12500 | -3.00000 |
| 261 | 33.5470 | 2.12500 | -4.25000 |
| 262 | 33.5470 | 3.12500 | -3.00000 |
| 263 | 33.5470 | 9.12500 | -3.00000 |
| 264 | 33.5470 | 9.12500 | -4.25000 |
| 265 | 33.5470 | 10.12500 | -3.00000 |
| 266 | 33.5470 | 5.62500 | -4.25000 |
| 267 | 32.3803 | 2.12500 | -4.25000 |
| 268 | 32.3803 | 5.62500 | -4.25000 |
| 269 | 33.5470 | 10.20500 | -4.25000 |
| 270 | 32.5470 | 9.12500 | -4.25000 |
| 271 | 33.5470 | 1.04500 | -4.25000 |
| 272 | 32.5470 | 1.04500 | -4.25000 |
| 273 | 33.5470 | 5.62500 | -5.50000 |
| 274 | 33.5470 | 6.62500 | -4.25000 |
| 275 | 33.5470 | 5.62500 | -10.00000 |
| 276 | 33.5470 | 5.62500 | -6.06250 |
| 277 | 33.5470 | 5.62500 | -6.62500 |
| 278 | 33.5470 | 5.62500 | -7.18750 |
| 279 | 33.5470 | 5.62500 | -7.75000 |
| 280 | 33.5470 | 5.62500 | -8.31250 |
| 281 | 33.5470 | 5.62500 | -8.87500 |
| 282 | 33.5470 | 5.62500 | -9.43750 |
| 283 | 33.5470 | 6.62500 | -5.50000 |
| 284 | 33.5470 | 6.62500 | -6.06250 |
| 285 | 33.5470 | 6.62500 | -6.62500 |
| 286 | 33.5470 | 6.62500 | -7.18750 |
| 287 | 33.5470 | 6.62500 | -7.75000 |
| 288 | 33.5470 | 6.62500 | -8.31250 |
| 289 | 33.5470 | 6.62500 | -8.87500 |
| 290 | 33.5470 | 6.62500 | -9.43750 |
| 291 | 33.5470 | 5.62500 | -11.80000 |
| 292 | 33.5470 | 6.62500 | -10.00000 |
| 293 | 33.5470 | 9.12500 | -2.50000 |
| 294 | 33.5470 | 10.12500 | -2.50000 |
| 295 | 33.5470 | 2.12500 | -2.50000 |
| 296 | 33.5470 | 3.12500 | -2.50000 |
| 297 | 82.0570 | 2.12500 | -3.00000 |
| 298 | 82.0570 | 2.12500 | -4.25000 |
| 299 | 82.0570 | 3.12500 | -3.00000 |
| 300 | 82.0570 | 9.12500 | -3.00000 |
| 301 | 82.0570 | 9.12500 | -4.25000 |
| 302 | 82.0570 | 10.12500 | -3.00000 |
| 303 | 82.0570 | 5.62500 | -4.25000 |
| 304 | 80.8903 | 2.12500 | -4.25000 |
| 305 | 80.8903 | 5.62500 | -4.25000 |
| 306 | 82.0570 | 10.20500 | -4.25000 |
| 307 | 81.0570 | 9.12500 | -4.25000 |
| 308 | 82.0570 | 1.04500 | -4.25000 |
| 309 | 81.0570 | 1.04500 | -4.25000 |
| 310 | 82.0570 | 5.62500 | -5.50000 |
| 311 | 82.0570 | 6.62500 | -4.25000 |
| 312 | 82.0570 | 5.62500 | -9.50000 |
| 313 | 82.0570 | 5.62500 | -6.00000 |
| 314 | 82.0570 | 5.62500 | -6.50000 |
| 315 | 82.0570 | 5.62500 | -7.00000 |
| 316 | 82.0570 | 5.62500 | -7.50000 |
| 317 | 82.0570 | 5.62500 | -8.00000 |
| 318 | 82.0570 | 5.62500 | -8.50000 |
| 319 | 82.0570 | 5.62500 | -9.00000 |
| 320 | 82.0570 | 6.62500 | -5.50000 |
| 321 | 82.0570 | 6.62500 | -6.00000 |
| 322 | 82.0570 | 6.62500 | -6.50000 |
| 323 | 82.0570 | 6.62500 | -7.00000 |
| 324 | 82.0570 | 6.62500 | -7.50000 |
| 325 | 82.0570 | 6.62500 | -8.00000 |
| 326 | 82.0570 | 6.62500 | -8.50000 |
| 327 | 82.0570 | 6.62500 | -9.00000 |
| 328 | 82.0570 | 5.62500 | -11.30000 |
| 329 | 82.0570 | 6.62500 | -9.50000 |
| 330 | 82.0570 | 9.12500 | -2.50000 |
| 331 | 82.0570 | 10.12500 | -2.50000 |
| 332 | 82.0570 | 2.12500 | -2.50000 |
| 333 | 82.0570 | 3.12500 | -2.50000 |
| 334 | 130.587 | 2.12500 | -3.00000 |
| 335 | 130.587 | 2.12500 | -4.25000 |
| 336 | 130.587 | 3.12500 | -3.00000 |

| | | | |
|-----|---------|---------|----------|
| 337 | 130.587 | 9.12500 | -3.00000 |
| 338 | 130.587 | 9.12500 | -4.25000 |
| 339 | 130.587 | 10.1250 | -3.00000 |
| 340 | 130.587 | 5.62500 | -4.25000 |
| 341 | 129.420 | 2.12500 | -4.25000 |
| 342 | 129.420 | 5.62500 | -4.25000 |
| 343 | 130.587 | 10.2050 | -4.25000 |
| 344 | 129.587 | 9.12500 | -4.25000 |
| 345 | 130.587 | 1.04500 | -4.25000 |
| 346 | 129.587 | 1.04500 | -4.25000 |
| 347 | 130.587 | 5.62500 | -5.50000 |
| 348 | 130.587 | 6.62500 | -4.25000 |
| 349 | 130.587 | 5.62500 | -9.50000 |
| 350 | 130.587 | 5.62500 | -6.00000 |
| 351 | 130.587 | 5.62500 | -6.50000 |
| 352 | 130.587 | 5.62500 | -7.00000 |
| 353 | 130.587 | 5.62500 | -7.50000 |
| 354 | 130.587 | 5.62500 | -8.00000 |
| 355 | 130.587 | 5.62500 | -8.50000 |
| 356 | 130.587 | 5.62500 | -9.00000 |
| 357 | 130.587 | 6.62500 | -5.50000 |
| 358 | 130.587 | 6.62500 | -6.00000 |
| 359 | 130.587 | 6.62500 | -6.50000 |
| 360 | 130.587 | 6.62500 | -7.00000 |
| 361 | 130.587 | 6.62500 | -7.50000 |
| 362 | 130.587 | 6.62500 | -8.00000 |
| 363 | 130.587 | 6.62500 | -8.50000 |
| 364 | 130.587 | 6.62500 | -9.00000 |
| 365 | 130.587 | 5.62500 | -11.3000 |
| 366 | 130.587 | 6.62500 | -9.50000 |
| 367 | 130.587 | 9.12500 | -2.50000 |
| 368 | 130.587 | 10.1250 | -2.50000 |
| 369 | 130.587 | 2.12500 | -2.50000 |
| 370 | 130.587 | 3.12500 | -2.50000 |
| 371 | 179.137 | 2.12500 | -3.00000 |
| 372 | 179.137 | 2.12500 | -4.25000 |
| 373 | 179.137 | 3.12500 | -3.00000 |
| 374 | 179.137 | 9.12500 | -3.00000 |
| 375 | 179.137 | 9.12500 | -4.25000 |
| 376 | 179.137 | 10.1250 | -3.00000 |
| 377 | 179.137 | 5.62500 | -4.25000 |
| 378 | 177.970 | 2.12500 | -4.25000 |
| 379 | 177.970 | 5.62500 | -4.25000 |
| 380 | 179.137 | 10.2050 | -4.25000 |
| 381 | 178.137 | 9.12500 | -4.25000 |
| 382 | 179.137 | 1.04500 | -4.25000 |
| 383 | 178.137 | 1.04500 | -4.25000 |
| 384 | 179.137 | 5.62500 | -5.50000 |
| 385 | 179.137 | 6.62500 | -4.25000 |
| 386 | 179.137 | 5.62500 | -9.25000 |
| 387 | 179.137 | 5.62500 | -5.96875 |
| 388 | 179.137 | 5.62500 | -6.43750 |
| 389 | 179.137 | 5.62500 | -6.90625 |
| 390 | 179.137 | 5.62500 | -7.37500 |
| 391 | 179.137 | 5.62500 | -7.84375 |
| 392 | 179.137 | 5.62500 | -8.31250 |
| 393 | 179.137 | 5.62500 | -8.78125 |
| 394 | 179.137 | 6.62500 | -5.50000 |
| 395 | 179.137 | 6.62500 | -5.96875 |
| 396 | 179.137 | 6.62500 | -6.43750 |
| 397 | 179.137 | 6.62500 | -6.90625 |
| 398 | 179.137 | 6.62500 | -7.37500 |
| 399 | 179.137 | 6.62500 | -7.84375 |
| 400 | 179.137 | 6.62500 | -8.31250 |
| 401 | 179.137 | 6.62500 | -8.78125 |
| 402 | 179.137 | 5.62500 | -11.0500 |
| 403 | 179.137 | 6.62500 | -9.25000 |
| 404 | 179.137 | 9.12500 | -2.50000 |
| 405 | 179.137 | 10.1250 | -2.50000 |
| 406 | 179.137 | 2.12500 | -2.50000 |
| 407 | 179.137 | 3.12500 | -2.50000 |
| 408 | 227.707 | 2.12500 | -3.00000 |
| 409 | 227.707 | 2.12500 | -4.25000 |
| 410 | 227.707 | 3.12500 | -3.00000 |
| 411 | 227.707 | 9.12500 | -3.00000 |
| 412 | 227.707 | 9.12500 | -4.25000 |
| 413 | 227.707 | 10.1250 | -3.00000 |
| 414 | 227.707 | 5.62500 | -4.25000 |
| 415 | 226.540 | 2.12500 | -4.25000 |
| 416 | 226.540 | 5.62500 | -4.25000 |
| 417 | 227.707 | 10.2050 | -4.25000 |
| 418 | 226.707 | 9.12500 | -4.25000 |
| 419 | 227.707 | 1.04500 | -4.25000 |
| 420 | 226.707 | 1.04500 | -4.25000 |
| 421 | 227.707 | 5.62500 | -5.50000 |
| 422 | 227.707 | 6.62500 | -4.25000 |
| 423 | 227.707 | 5.62500 | -8.50000 |
| 424 | 227.707 | 5.62500 | -5.87500 |
| 425 | 227.707 | 5.62500 | -6.25000 |
| 426 | 227.707 | 5.62500 | -6.62500 |
| 427 | 227.707 | 5.62500 | -7.00000 |
| 428 | 227.707 | 5.62500 | -7.37500 |
| 429 | 227.707 | 5.62500 | -7.75000 |
| 430 | 227.707 | 5.62500 | -8.12500 |
| 431 | 227.707 | 6.62500 | -5.50000 |
| 432 | 227.707 | 6.62500 | -5.87500 |
| 433 | 227.707 | 6.62500 | -6.25000 |
| 434 | 227.707 | 6.62500 | -6.62500 |
| 435 | 227.707 | 6.62500 | -7.00000 |
| 436 | 227.707 | 6.62500 | -7.37500 |
| 437 | 227.707 | 6.62500 | -7.75000 |
| 438 | 227.707 | 6.62500 | -8.12500 |
| 439 | 227.707 | 5.62500 | -10.3000 |
| 440 | 227.707 | 6.62500 | -8.50000 |
| 441 | 227.707 | 9.12500 | -2.50000 |

| | | | |
|-----|---------|---------|----------|
| 442 | 227.707 | 10.1250 | -2.50000 |
| 443 | 227.707 | 2.12500 | -2.50000 |
| 444 | 227.707 | 3.12500 | -2.50000 |
| 445 | 276.287 | 2.12500 | -3.00000 |
| 446 | 276.287 | 2.12500 | -4.25000 |
| 447 | 276.287 | 3.12500 | -3.00000 |
| 448 | 276.287 | 9.12500 | -3.00000 |
| 449 | 276.287 | 9.12500 | -4.25000 |
| 450 | 276.287 | 10.1250 | -3.00000 |
| 451 | 276.287 | 5.62500 | -4.25000 |
| 452 | 275.120 | 2.12500 | -4.25000 |
| 453 | 275.120 | 5.62500 | -4.25000 |
| 454 | 276.287 | 10.2050 | -4.25000 |
| 455 | 275.287 | 9.12500 | -4.25000 |
| 456 | 276.287 | 1.04500 | -4.25000 |
| 457 | 275.287 | 1.04500 | -4.25000 |
| 458 | 276.287 | 5.62500 | -5.50000 |
| 459 | 276.287 | 6.62500 | -4.25000 |
| 460 | 276.287 | 5.62500 | -8.50000 |
| 461 | 276.287 | 5.62500 | -5.87500 |
| 462 | 276.287 | 5.62500 | -6.25000 |
| 463 | 276.287 | 5.62500 | -6.62500 |
| 464 | 276.287 | 5.62500 | -7.00000 |
| 465 | 276.287 | 5.62500 | -7.37500 |
| 466 | 276.287 | 5.62500 | -7.75000 |
| 467 | 276.287 | 5.62500 | -8.12500 |
| 468 | 276.287 | 6.62500 | -5.50000 |
| 469 | 276.287 | 6.62500 | -5.87500 |
| 470 | 276.287 | 6.62500 | -6.25000 |
| 471 | 276.287 | 6.62500 | -6.62500 |
| 472 | 276.287 | 6.62500 | -7.00000 |
| 473 | 276.287 | 6.62500 | -7.37500 |
| 474 | 276.287 | 6.62500 | -7.75000 |
| 475 | 276.287 | 6.62500 | -8.12500 |
| 476 | 276.287 | 5.62500 | -10.3000 |
| 477 | 276.287 | 6.62500 | -8.50000 |
| 478 | 276.287 | 9.12500 | -2.50000 |
| 479 | 276.287 | 10.1250 | -2.50000 |
| 480 | 276.287 | 2.12500 | -2.50000 |
| 481 | 276.287 | 3.12500 | -2.50000 |
| 482 | 324.877 | 2.12500 | -3.00000 |
| 483 | 324.877 | 2.12500 | -4.25000 |
| 484 | 324.877 | 3.12500 | -3.00000 |
| 485 | 324.877 | 9.12500 | -3.00000 |
| 486 | 324.877 | 9.12500 | -4.25000 |
| 487 | 324.877 | 10.1250 | -3.00000 |
| 488 | 324.877 | 5.62500 | -4.25000 |
| 489 | 323.710 | 2.12500 | -4.25000 |
| 490 | 323.710 | 5.62500 | -4.25000 |
| 491 | 324.877 | 10.2050 | -4.25000 |
| 492 | 323.877 | 9.12500 | -4.25000 |
| 493 | 324.877 | 1.04500 | -4.25000 |
| 494 | 323.877 | 1.04500 | -4.25000 |
| 495 | 324.877 | 5.62500 | -5.50000 |
| 496 | 324.877 | 6.62500 | -4.25000 |
| 497 | 324.877 | 5.62500 | -8.75000 |
| 498 | 324.877 | 5.62500 | -5.90625 |
| 499 | 324.877 | 5.62500 | -6.31250 |
| 500 | 324.877 | 5.62500 | -6.71875 |
| 501 | 324.877 | 5.62500 | -7.12500 |
| 502 | 324.877 | 5.62500 | -7.53125 |
| 503 | 324.877 | 5.62500 | -7.93750 |
| 504 | 324.877 | 5.62500 | -8.34375 |
| 505 | 324.877 | 6.62500 | -5.50000 |
| 506 | 324.877 | 6.62500 | -5.90625 |
| 507 | 324.877 | 6.62500 | -6.31250 |
| 508 | 324.877 | 6.62500 | -6.71875 |
| 509 | 324.877 | 6.62500 | -7.12500 |
| 510 | 324.877 | 6.62500 | -7.53125 |
| 511 | 324.877 | 6.62500 | -7.93750 |
| 512 | 324.877 | 6.62500 | -8.34375 |
| 513 | 324.877 | 5.62500 | -10.5500 |
| 514 | 324.877 | 6.62500 | -8.75000 |
| 515 | 324.877 | 9.12500 | -2.50000 |
| 516 | 324.877 | 10.1250 | -2.50000 |
| 517 | 324.877 | 2.12500 | -2.50000 |
| 518 | 324.877 | 3.12500 | -2.50000 |
| 519 | 373.578 | 2.12500 | -3.00000 |
| 520 | 373.578 | 2.12500 | -4.25000 |
| 521 | 373.578 | 3.12500 | -3.00000 |
| 522 | 373.578 | 9.12500 | -3.00000 |
| 523 | 373.578 | 9.12500 | -4.25000 |
| 524 | 373.578 | 10.1250 | -3.00000 |
| 525 | 373.578 | 5.62500 | -4.25000 |
| 526 | 372.411 | 2.12500 | -4.25000 |
| 527 | 372.411 | 5.62500 | -4.25000 |
| 528 | 373.578 | 10.2050 | -4.25000 |
| 529 | 372.578 | 9.12500 | -4.25000 |
| 530 | 373.578 | 1.04500 | -4.25000 |
| 531 | 372.578 | 1.04500 | -4.25000 |
| 532 | 373.578 | 5.62500 | -5.50000 |
| 533 | 373.578 | 6.62500 | -4.25000 |
| 534 | 373.578 | 5.62500 | -8.75000 |
| 535 | 373.578 | 5.62500 | -5.90625 |
| 536 | 373.578 | 5.62500 | -6.31250 |
| 537 | 373.578 | 5.62500 | -6.71875 |
| 538 | 373.578 | 5.62500 | -7.12500 |
| 539 | 373.578 | 5.62500 | -7.53125 |
| 540 | 373.578 | 5.62500 | -7.93750 |
| 541 | 373.578 | 5.62500 | -8.34375 |
| 542 | 373.578 | 6.62500 | -5.50000 |
| 543 | 373.578 | 6.62500 | -5.90625 |
| 544 | 373.578 | 6.62500 | -6.31250 |
| 545 | 373.578 | 6.62500 | -6.71875 |
| 546 | 373.578 | 6.62500 | -7.12500 |

| | | | |
|-----|-----------|---------|--------------|
| 547 | 373.578 | 6.62500 | -7.53125 |
| 548 | 373.578 | 6.62500 | -7.93750 |
| 549 | 373.578 | 6.62500 | -8.34375 |
| 550 | 373.578 | 5.62500 | -10.5500 |
| 551 | 373.578 | 6.62500 | -8.75000 |
| 552 | 373.578 | 9.12500 | -2.50000 |
| 553 | 373.578 | 10.1250 | -2.50000 |
| 554 | 373.578 | 2.12500 | -2.50000 |
| 555 | 373.578 | 3.12500 | -2.50000 |
| 556 | -0.447000 | 2.12500 | -4.25000 |
| 557 | -0.447000 | 5.62500 | -4.25000 |
| 558 | -1.61367 | 2.12500 | -4.25000 |
| 559 | -0.447000 | 9.12500 | -4.25000 |
| 560 | -1.61367 | 5.62500 | -4.25000 |
| 561 | -0.447000 | 10.2050 | -4.25000 |
| 562 | -1.44700 | 9.12500 | -4.25000 |
| 563 | -0.447000 | 1.04500 | -4.25000 |
| 564 | -1.44700 | 1.04500 | -4.25000 |
| 565 | -0.447000 | 5.62500 | -5.50000 |
| 566 | -0.447000 | 6.62500 | -4.25000 |
| 567 | -0.447000 | 5.62500 | -10.3000 |
| 568 | -0.447000 | 5.62500 | -6.10000 |
| 569 | -0.447000 | 5.62500 | -6.70000 |
| 570 | -0.447000 | 5.62500 | -7.30000 |
| 571 | -0.447000 | 5.62500 | -7.90000 |
| 572 | -0.447000 | 5.62500 | -8.50000 |
| 573 | -0.447000 | 5.62500 | -9.10000 |
| 574 | -0.447000 | 5.62500 | -9.70000 |
| 575 | -0.447000 | 6.62500 | -5.50000 |
| 576 | -0.447000 | 6.62500 | -6.10000 |
| 577 | -0.447000 | 6.62500 | -6.70000 |
| 578 | -0.447000 | 6.62500 | -7.30000 |
| 579 | -0.447000 | 6.62500 | -7.90000 |
| 580 | -0.447000 | 6.62500 | -8.50000 |
| 581 | -0.447000 | 6.62500 | -9.10000 |
| 582 | -0.447000 | 6.62500 | -9.70000 |
| 583 | -0.447000 | 5.62500 | -12.3000 |
| 584 | -0.447000 | 6.62500 | -10.3000 |
| 585 | -1.40000 | 9.12500 | -4.25000 |
| 586 | -1.40000 | 10.1250 | -4.25000 |
| 587 | 0.500000 | 9.12500 | -4.25000 |
| 588 | -0.447000 | 10.1250 | -4.25000 |
| 589 | -1.40000 | 2.12500 | -4.25000 |
| 590 | -1.40000 | 3.12500 | -4.25000 |
| 591 | 0.500000 | 2.12500 | -4.25000 |
| 592 | -0.447000 | 3.12500 | -4.25000 |
| 593 | 0.500000 | 2.12500 | -2.50000 |
| 594 | 0.500000 | 2.12500 | -3.00000 |
| 595 | 0.500000 | 3.12500 | -2.50000 |
| 596 | 0.500000 | 3.12500 | -3.00000 |
| 597 | -1.40000 | 2.12500 | -2.50000 |
| 598 | -1.40000 | 2.12500 | -3.00000 |
| 599 | -1.40000 | 3.12500 | -2.50000 |
| 600 | -1.40000 | 3.12500 | -3.00000 |
| 601 | 0.500000 | 9.12500 | -2.50000 |
| 602 | 0.500000 | 9.12500 | -3.00000 |
| 603 | 0.500000 | 10.1250 | -2.50000 |
| 604 | 0.500000 | 10.1250 | -3.00000 |
| 605 | -1.40000 | 9.12500 | -2.50000 |
| 606 | -1.40000 | 9.12500 | -3.00000 |
| 607 | -1.40000 | 10.1250 | -2.50000 |
| 608 | -1.40000 | 10.1250 | -3.00000 |
| 609 | -359.809 | 2.12500 | 0.000000E+00 |
| 610 | -359.809 | 2.12500 | -2.50000 |
| 611 | -359.809 | 3.12500 | 0.000000E+00 |
| 612 | -325.777 | 2.12500 | 0.000000E+00 |
| 613 | -325.777 | 2.12500 | -2.50000 |
| 614 | -325.777 | 3.12500 | 0.000000E+00 |
| 615 | -277.187 | 2.12500 | 0.000000E+00 |
| 616 | -277.187 | 2.12500 | -2.50000 |
| 617 | -277.187 | 3.12500 | 0.000000E+00 |
| 618 | -228.607 | 2.12500 | 0.000000E+00 |
| 619 | -228.607 | 2.12500 | -2.50000 |
| 620 | -228.607 | 3.12500 | 0.000000E+00 |
| 621 | -180.037 | 2.12500 | 0.000000E+00 |
| 622 | -180.037 | 2.12500 | -2.50000 |
| 623 | -180.037 | 3.12500 | 0.000000E+00 |
| 624 | -131.487 | 2.12500 | 0.000000E+00 |
| 625 | -131.487 | 2.12500 | -2.50000 |
| 626 | -131.487 | 3.12500 | 0.000000E+00 |
| 627 | -82.9570 | 2.12500 | 0.000000E+00 |
| 628 | -82.9570 | 2.12500 | -2.50000 |
| 629 | -82.9570 | 3.12500 | 0.000000E+00 |
| 630 | -34.4470 | 2.12500 | 0.000000E+00 |
| 631 | -34.4470 | 2.12500 | -2.50000 |
| 632 | -34.4470 | 3.12500 | 0.000000E+00 |
| 633 | -1.40000 | 2.12500 | 0.000000E+00 |
| 634 | -1.40000 | 2.12500 | -2.50000 |
| 635 | -1.40000 | 3.12500 | 0.000000E+00 |
| 636 | 0.500000 | 2.12500 | 0.000000E+00 |
| 637 | 0.500000 | 2.12500 | -2.50000 |
| 638 | 0.500000 | 3.12500 | 0.000000E+00 |
| 639 | 33.5470 | 2.12500 | 0.000000E+00 |
| 640 | 33.5470 | 2.12500 | -2.50000 |
| 641 | 33.5470 | 3.12500 | 0.000000E+00 |
| 642 | 82.0570 | 2.12500 | 0.000000E+00 |
| 643 | 82.0570 | 2.12500 | -2.50000 |
| 644 | 82.0570 | 3.12500 | 0.000000E+00 |
| 645 | 130.587 | 2.12500 | 0.000000E+00 |
| 646 | 130.587 | 2.12500 | -2.50000 |
| 647 | 130.587 | 3.12500 | 0.000000E+00 |
| 648 | 179.137 | 2.12500 | 0.000000E+00 |
| 649 | 179.137 | 2.12500 | -2.50000 |
| 650 | 179.137 | 3.12500 | 0.000000E+00 |
| 651 | 227.707 | 2.12500 | 0.000000E+00 |

| | | | |
|-----|----------|----------|--------------|
| 652 | 227.707 | 2.12500 | -2.50000 |
| 653 | 227.707 | 3.12500 | 0.000000E+00 |
| 654 | 276.287 | 2.12500 | 0.000000E+00 |
| 655 | 276.287 | 2.12500 | -2.50000 |
| 656 | 276.287 | 3.12500 | 0.000000E+00 |
| 657 | 324.877 | 2.12500 | 0.000000E+00 |
| 658 | 324.877 | 2.12500 | -2.50000 |
| 659 | 324.877 | 3.12500 | 0.000000E+00 |
| 660 | 373.578 | 2.12500 | 0.000000E+00 |
| 661 | 373.578 | 2.12500 | -2.50000 |
| 662 | 373.578 | 3.12500 | 0.000000E+00 |
| 663 | 407.610 | 2.12500 | 0.000000E+00 |
| 664 | 407.610 | 2.12500 | -2.50000 |
| 665 | 407.610 | 3.12500 | 0.000000E+00 |
| 666 | -359.809 | 9.12500 | 0.000000E+00 |
| 667 | -359.809 | 9.12500 | -2.50000 |
| 668 | -359.809 | 10.12500 | 0.000000E+00 |
| 669 | -325.777 | 9.12500 | 0.000000E+00 |
| 670 | -325.777 | 9.12500 | -2.50000 |
| 671 | -325.777 | 10.12500 | 0.000000E+00 |
| 672 | -277.187 | 9.12500 | 0.000000E+00 |
| 673 | -277.187 | 9.12500 | -2.50000 |
| 674 | -277.187 | 10.12500 | 0.000000E+00 |
| 675 | -228.607 | 9.12500 | 0.000000E+00 |
| 676 | -228.607 | 9.12500 | -2.50000 |
| 677 | -228.607 | 10.12500 | 0.000000E+00 |
| 678 | -180.037 | 9.12500 | 0.000000E+00 |
| 679 | -180.037 | 9.12500 | -2.50000 |
| 680 | -180.037 | 10.12500 | 0.000000E+00 |
| 681 | -131.487 | 9.12500 | 0.000000E+00 |
| 682 | -131.487 | 9.12500 | -2.50000 |
| 683 | -131.487 | 10.12500 | 0.000000E+00 |
| 684 | -82.9570 | 9.12500 | 0.000000E+00 |
| 685 | -82.9570 | 9.12500 | -2.50000 |
| 686 | -82.9570 | 10.12500 | 0.000000E+00 |
| 687 | -34.4470 | 9.12500 | 0.000000E+00 |
| 688 | -34.4470 | 9.12500 | -2.50000 |
| 689 | -34.4470 | 10.12500 | 0.000000E+00 |
| 690 | -1.40000 | 9.12500 | 0.000000E+00 |
| 691 | -1.40000 | 9.12500 | -2.50000 |
| 692 | -1.40000 | 10.12500 | 0.000000E+00 |
| 693 | 0.500000 | 9.12500 | 0.000000E+00 |
| 694 | 0.500000 | 9.12500 | -2.50000 |
| 695 | 0.500000 | 10.12500 | 0.000000E+00 |
| 696 | 33.5470 | 9.12500 | 0.000000E+00 |
| 697 | 33.5470 | 9.12500 | -2.50000 |
| 698 | 33.5470 | 10.12500 | 0.000000E+00 |
| 699 | 82.0570 | 9.12500 | 0.000000E+00 |
| 700 | 82.0570 | 9.12500 | -2.50000 |
| 701 | 82.0570 | 10.12500 | 0.000000E+00 |
| 702 | 130.587 | 9.12500 | 0.000000E+00 |
| 703 | 130.587 | 9.12500 | -2.50000 |
| 704 | 130.587 | 10.12500 | 0.000000E+00 |
| 705 | 179.137 | 9.12500 | 0.000000E+00 |
| 706 | 179.137 | 9.12500 | -2.50000 |
| 707 | 179.137 | 10.12500 | 0.000000E+00 |
| 708 | 227.707 | 9.12500 | 0.000000E+00 |
| 709 | 227.707 | 9.12500 | -2.50000 |
| 710 | 227.707 | 10.12500 | 0.000000E+00 |
| 711 | 276.287 | 9.12500 | 0.000000E+00 |
| 712 | 276.287 | 9.12500 | -2.50000 |
| 713 | 276.287 | 10.12500 | 0.000000E+00 |
| 714 | 324.877 | 9.12500 | 0.000000E+00 |
| 715 | 324.877 | 9.12500 | -2.50000 |
| 716 | 324.877 | 10.12500 | 0.000000E+00 |
| 717 | 373.578 | 9.12500 | 0.000000E+00 |
| 718 | 373.578 | 9.12500 | -2.50000 |
| 719 | 373.578 | 10.12500 | 0.000000E+00 |
| 720 | -357.476 | 9.12500 | 0.000000E+00 |
| 721 | 278.620 | 9.12500 | 0.000000E+00 |
| 722 | 327.210 | 9.12500 | 0.000000E+00 |
| 723 | 375.911 | 9.12500 | 0.000000E+00 |
| 724 | 407.610 | 9.12500 | 0.000000E+00 |
| 725 | 409.943 | 9.12500 | 0.000000E+00 |
| 726 | -354.947 | 9.12500 | 0.000000E+00 |
| 727 | -354.947 | 2.12500 | 0.000000E+00 |
| 728 | -352.614 | 9.12500 | 0.000000E+00 |
| 729 | -350.086 | 9.12500 | 0.000000E+00 |
| 730 | -350.086 | 2.12500 | 0.000000E+00 |
| 731 | -347.752 | 9.12500 | 0.000000E+00 |
| 732 | -345.224 | 9.12500 | 0.000000E+00 |
| 733 | -345.224 | 2.12500 | 0.000000E+00 |
| 734 | -342.891 | 9.12500 | 0.000000E+00 |
| 735 | -340.362 | 9.12500 | 0.000000E+00 |
| 736 | -340.362 | 2.12500 | 0.000000E+00 |
| 737 | -338.029 | 9.12500 | 0.000000E+00 |
| 738 | -335.500 | 9.12500 | 0.000000E+00 |
| 739 | -335.500 | 2.12500 | 0.000000E+00 |
| 740 | -333.167 | 9.12500 | 0.000000E+00 |
| 741 | -330.639 | 9.12500 | 0.000000E+00 |
| 742 | -330.639 | 2.12500 | 0.000000E+00 |
| 743 | -328.305 | 9.12500 | 0.000000E+00 |
| 744 | -29.7260 | 9.12500 | 0.000000E+00 |
| 745 | -29.7260 | 2.12500 | 0.000000E+00 |
| 746 | -27.3927 | 9.12500 | 0.000000E+00 |
| 747 | -25.0050 | 9.12500 | 0.000000E+00 |
| 748 | -25.0050 | 2.12500 | 0.000000E+00 |
| 749 | -22.6717 | 9.12500 | 0.000000E+00 |
| 750 | -20.2840 | 9.12500 | 0.000000E+00 |
| 751 | -20.2840 | 2.12500 | 0.000000E+00 |
| 752 | -17.9507 | 9.12500 | 0.000000E+00 |
| 753 | -15.5630 | 9.12500 | 0.000000E+00 |
| 754 | -15.5630 | 2.12500 | 0.000000E+00 |
| 755 | -13.2297 | 9.12500 | 0.000000E+00 |
| 756 | -10.8420 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 757 | -10.8420 | 2.12500 | 0.000000E+00 |
| 758 | -8.50867 | 9.12500 | 0.000000E+00 |
| 759 | -6.12100 | 9.12500 | 0.000000E+00 |
| 760 | -6.12100 | 2.12500 | 0.000000E+00 |
| 761 | -3.78767 | 9.12500 | 0.000000E+00 |
| 762 | 5.22100 | 9.12500 | 0.000000E+00 |
| 763 | 5.22100 | 2.12500 | 0.000000E+00 |
| 764 | 7.55433 | 9.12500 | 0.000000E+00 |
| 765 | 9.94200 | 9.12500 | 0.000000E+00 |
| 766 | 9.94200 | 2.12500 | 0.000000E+00 |
| 767 | 12.2753 | 9.12500 | 0.000000E+00 |
| 768 | 14.6630 | 9.12500 | 0.000000E+00 |
| 769 | 14.6630 | 2.12500 | 0.000000E+00 |
| 770 | 16.9963 | 9.12500 | 0.000000E+00 |
| 771 | 19.3840 | 9.12500 | 0.000000E+00 |
| 772 | 19.3840 | 2.12500 | 0.000000E+00 |
| 773 | 21.7173 | 9.12500 | 0.000000E+00 |
| 774 | 24.1050 | 9.12500 | 0.000000E+00 |
| 775 | 24.1050 | 2.12500 | 0.000000E+00 |
| 776 | 26.4383 | 9.12500 | 0.000000E+00 |
| 777 | 28.8260 | 9.12500 | 0.000000E+00 |
| 778 | 28.8260 | 2.12500 | 0.000000E+00 |
| 779 | 31.1593 | 9.12500 | 0.000000E+00 |
| 780 | 378.440 | 9.12500 | 0.000000E+00 |
| 781 | 378.440 | 2.12500 | 0.000000E+00 |
| 782 | 380.773 | 9.12500 | 0.000000E+00 |
| 783 | 383.301 | 9.12500 | 0.000000E+00 |
| 784 | 383.301 | 2.12500 | 0.000000E+00 |
| 785 | 385.635 | 9.12500 | 0.000000E+00 |
| 786 | 388.163 | 9.12500 | 0.000000E+00 |
| 787 | 388.163 | 2.12500 | 0.000000E+00 |
| 788 | 390.496 | 9.12500 | 0.000000E+00 |
| 789 | 393.025 | 9.12500 | 0.000000E+00 |
| 790 | 393.025 | 2.12500 | 0.000000E+00 |
| 791 | 395.358 | 9.12500 | 0.000000E+00 |
| 792 | 397.887 | 9.12500 | 0.000000E+00 |
| 793 | 397.887 | 2.12500 | 0.000000E+00 |
| 794 | 400.220 | 9.12500 | 0.000000E+00 |
| 795 | 402.748 | 9.12500 | 0.000000E+00 |
| 796 | 402.748 | 2.12500 | 0.000000E+00 |
| 797 | 405.082 | 9.12500 | 0.000000E+00 |
| 798 | -320.918 | 9.12500 | 0.000000E+00 |
| 799 | -320.918 | 2.12500 | 0.000000E+00 |
| 800 | -318.585 | 9.12500 | 0.000000E+00 |
| 801 | -316.059 | 9.12500 | 0.000000E+00 |
| 802 | -316.059 | 2.12500 | 0.000000E+00 |
| 803 | -313.726 | 9.12500 | 0.000000E+00 |
| 804 | -311.200 | 9.12500 | 0.000000E+00 |
| 805 | -311.200 | 2.12500 | 0.000000E+00 |
| 806 | -308.867 | 9.12500 | 0.000000E+00 |
| 807 | -306.341 | 9.12500 | 0.000000E+00 |
| 808 | -306.341 | 2.12500 | 0.000000E+00 |
| 809 | -304.008 | 9.12500 | 0.000000E+00 |
| 810 | -301.482 | 9.12500 | 0.000000E+00 |
| 811 | -301.482 | 2.12500 | 0.000000E+00 |
| 812 | -299.149 | 9.12500 | 0.000000E+00 |
| 813 | -296.623 | 9.12500 | 0.000000E+00 |
| 814 | -296.623 | 2.12500 | 0.000000E+00 |
| 815 | -294.290 | 9.12500 | 0.000000E+00 |
| 816 | -291.764 | 9.12500 | 0.000000E+00 |
| 817 | -291.764 | 2.12500 | 0.000000E+00 |
| 818 | -289.431 | 9.12500 | 0.000000E+00 |
| 819 | -286.905 | 9.12500 | 0.000000E+00 |
| 820 | -286.905 | 2.12500 | 0.000000E+00 |
| 821 | -284.572 | 9.12500 | 0.000000E+00 |
| 822 | -282.046 | 9.12500 | 0.000000E+00 |
| 823 | -282.046 | 2.12500 | 0.000000E+00 |
| 824 | -279.713 | 9.12500 | 0.000000E+00 |
| 825 | -272.329 | 9.12500 | 0.000000E+00 |
| 826 | -272.329 | 2.12500 | 0.000000E+00 |
| 827 | -269.996 | 9.12500 | 0.000000E+00 |
| 828 | -267.471 | 9.12500 | 0.000000E+00 |
| 829 | -267.471 | 2.12500 | 0.000000E+00 |
| 830 | -265.138 | 9.12500 | 0.000000E+00 |
| 831 | -262.613 | 9.12500 | 0.000000E+00 |
| 832 | -262.613 | 2.12500 | 0.000000E+00 |
| 833 | -260.280 | 9.12500 | 0.000000E+00 |
| 834 | -257.755 | 9.12500 | 0.000000E+00 |
| 835 | -257.755 | 2.12500 | 0.000000E+00 |
| 836 | -255.422 | 9.12500 | 0.000000E+00 |
| 837 | -252.897 | 9.12500 | 0.000000E+00 |
| 838 | -252.897 | 2.12500 | 0.000000E+00 |
| 839 | -250.564 | 9.12500 | 0.000000E+00 |
| 840 | -248.039 | 9.12500 | 0.000000E+00 |
| 841 | -248.039 | 2.12500 | 0.000000E+00 |
| 842 | -245.706 | 9.12500 | 0.000000E+00 |
| 843 | -243.181 | 9.12500 | 0.000000E+00 |
| 844 | -243.181 | 2.12500 | 0.000000E+00 |
| 845 | -240.848 | 9.12500 | 0.000000E+00 |
| 846 | -238.323 | 9.12500 | 0.000000E+00 |
| 847 | -238.323 | 2.12500 | 0.000000E+00 |
| 848 | -235.990 | 9.12500 | 0.000000E+00 |
| 849 | -233.465 | 9.12500 | 0.000000E+00 |
| 850 | -233.465 | 2.12500 | 0.000000E+00 |
| 851 | -231.132 | 9.12500 | 0.000000E+00 |
| 852 | -223.750 | 9.12500 | 0.000000E+00 |
| 853 | -223.750 | 2.12500 | 0.000000E+00 |
| 854 | -221.417 | 9.12500 | 0.000000E+00 |
| 855 | -218.893 | 9.12500 | 0.000000E+00 |
| 856 | -218.893 | 2.12500 | 0.000000E+00 |
| 857 | -216.560 | 9.12500 | 0.000000E+00 |
| 858 | -214.036 | 9.12500 | 0.000000E+00 |
| 859 | -214.036 | 2.12500 | 0.000000E+00 |
| 860 | -211.703 | 9.12500 | 0.000000E+00 |
| 861 | -209.179 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 862 | -209.179 | 2.12500 | 0.000000E+00 |
| 863 | -206.846 | 9.12500 | 0.000000E+00 |
| 864 | -204.322 | 9.12500 | 0.000000E+00 |
| 865 | -204.322 | 2.12500 | 0.000000E+00 |
| 866 | -201.989 | 9.12500 | 0.000000E+00 |
| 867 | -199.465 | 9.12500 | 0.000000E+00 |
| 868 | -199.465 | 2.12500 | 0.000000E+00 |
| 869 | -197.132 | 9.12500 | 0.000000E+00 |
| 870 | -194.608 | 9.12500 | 0.000000E+00 |
| 871 | -194.608 | 2.12500 | 0.000000E+00 |
| 872 | -192.275 | 9.12500 | 0.000000E+00 |
| 873 | -189.751 | 9.12500 | 0.000000E+00 |
| 874 | -189.751 | 2.12500 | 0.000000E+00 |
| 875 | -187.418 | 9.12500 | 0.000000E+00 |
| 876 | -184.894 | 9.12500 | 0.000000E+00 |
| 877 | -184.894 | 2.12500 | 0.000000E+00 |
| 878 | -182.561 | 9.12500 | 0.000000E+00 |
| 879 | -175.182 | 9.12500 | 0.000000E+00 |
| 880 | -175.182 | 2.12500 | 0.000000E+00 |
| 881 | -172.849 | 9.12500 | 0.000000E+00 |
| 882 | -170.327 | 9.12500 | 0.000000E+00 |
| 883 | -170.327 | 2.12500 | 0.000000E+00 |
| 884 | -167.994 | 9.12500 | 0.000000E+00 |
| 885 | -165.472 | 9.12500 | 0.000000E+00 |
| 886 | -165.472 | 2.12500 | 0.000000E+00 |
| 887 | -163.139 | 9.12500 | 0.000000E+00 |
| 888 | -160.617 | 9.12500 | 0.000000E+00 |
| 889 | -160.617 | 2.12500 | 0.000000E+00 |
| 890 | -158.284 | 9.12500 | 0.000000E+00 |
| 891 | -155.762 | 9.12500 | 0.000000E+00 |
| 892 | -155.762 | 2.12500 | 0.000000E+00 |
| 893 | -153.429 | 9.12500 | 0.000000E+00 |
| 894 | -150.907 | 9.12500 | 0.000000E+00 |
| 895 | -150.907 | 2.12500 | 0.000000E+00 |
| 896 | -148.574 | 9.12500 | 0.000000E+00 |
| 897 | -146.052 | 9.12500 | 0.000000E+00 |
| 898 | -146.052 | 2.12500 | 0.000000E+00 |
| 899 | -143.719 | 9.12500 | 0.000000E+00 |
| 900 | -141.197 | 9.12500 | 0.000000E+00 |
| 901 | -141.197 | 2.12500 | 0.000000E+00 |
| 902 | -138.864 | 9.12500 | 0.000000E+00 |
| 903 | -136.342 | 9.12500 | 0.000000E+00 |
| 904 | -136.342 | 2.12500 | 0.000000E+00 |
| 905 | -134.009 | 9.12500 | 0.000000E+00 |
| 906 | -126.634 | 9.12500 | 0.000000E+00 |
| 907 | -126.634 | 2.12500 | 0.000000E+00 |
| 908 | -124.301 | 9.12500 | 0.000000E+00 |
| 909 | -121.781 | 9.12500 | 0.000000E+00 |
| 910 | -121.781 | 2.12500 | 0.000000E+00 |
| 911 | -119.448 | 9.12500 | 0.000000E+00 |
| 912 | -116.928 | 9.12500 | 0.000000E+00 |
| 913 | -116.928 | 2.12500 | 0.000000E+00 |
| 914 | -114.595 | 9.12500 | 0.000000E+00 |
| 915 | -112.075 | 9.12500 | 0.000000E+00 |
| 916 | -112.075 | 2.12500 | 0.000000E+00 |
| 917 | -109.742 | 9.12500 | 0.000000E+00 |
| 918 | -107.222 | 9.12500 | 0.000000E+00 |
| 919 | -107.222 | 2.12500 | 0.000000E+00 |
| 920 | -104.889 | 9.12500 | 0.000000E+00 |
| 921 | -102.369 | 9.12500 | 0.000000E+00 |
| 922 | -102.369 | 2.12500 | 0.000000E+00 |
| 923 | -100.036 | 9.12500 | 0.000000E+00 |
| 924 | -97.5160 | 9.12500 | 0.000000E+00 |
| 925 | -97.5160 | 2.12500 | 0.000000E+00 |
| 926 | -95.1827 | 9.12500 | 0.000000E+00 |
| 927 | -92.6630 | 9.12500 | 0.000000E+00 |
| 928 | -92.6630 | 2.12500 | 0.000000E+00 |
| 929 | -90.3297 | 9.12500 | 0.000000E+00 |
| 930 | -87.8100 | 9.12500 | 0.000000E+00 |
| 931 | -87.8100 | 2.12500 | 0.000000E+00 |
| 932 | -85.4767 | 9.12500 | 0.000000E+00 |
| 933 | -78.1060 | 9.12500 | 0.000000E+00 |
| 934 | -78.1060 | 2.12500 | 0.000000E+00 |
| 935 | -75.7727 | 9.12500 | 0.000000E+00 |
| 936 | -73.2550 | 9.12500 | 0.000000E+00 |
| 937 | -73.2550 | 2.12500 | 0.000000E+00 |
| 938 | -70.9217 | 9.12500 | 0.000000E+00 |
| 939 | -68.4040 | 9.12500 | 0.000000E+00 |
| 940 | -68.4040 | 2.12500 | 0.000000E+00 |
| 941 | -66.0707 | 9.12500 | 0.000000E+00 |
| 942 | -63.5530 | 9.12500 | 0.000000E+00 |
| 943 | -63.5530 | 2.12500 | 0.000000E+00 |
| 944 | -61.2197 | 9.12500 | 0.000000E+00 |
| 945 | -58.7020 | 9.12500 | 0.000000E+00 |
| 946 | -58.7020 | 2.12500 | 0.000000E+00 |
| 947 | -56.3687 | 9.12500 | 0.000000E+00 |
| 948 | -53.8510 | 9.12500 | 0.000000E+00 |
| 949 | -53.8510 | 2.12500 | 0.000000E+00 |
| 950 | -51.5177 | 9.12500 | 0.000000E+00 |
| 951 | -49.0000 | 9.12500 | 0.000000E+00 |
| 952 | -49.0000 | 2.12500 | 0.000000E+00 |
| 953 | -46.6667 | 9.12500 | 0.000000E+00 |
| 954 | -44.1490 | 9.12500 | 0.000000E+00 |
| 955 | -44.1490 | 2.12500 | 0.000000E+00 |
| 956 | -41.8157 | 9.12500 | 0.000000E+00 |
| 957 | -39.2980 | 9.12500 | 0.000000E+00 |
| 958 | -39.2980 | 2.12500 | 0.000000E+00 |
| 959 | -36.9647 | 9.12500 | 0.000000E+00 |
| 960 | 38.3980 | 9.12500 | 0.000000E+00 |
| 961 | 38.3980 | 2.12500 | 0.000000E+00 |
| 962 | 40.7313 | 9.12500 | 0.000000E+00 |
| 963 | 43.2490 | 9.12500 | 0.000000E+00 |
| 964 | 43.2490 | 2.12500 | 0.000000E+00 |
| 965 | 45.5823 | 9.12500 | 0.000000E+00 |
| 966 | 48.1000 | 9.12500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 967 | 48.1000 | 2.12500 | 0.000000E+00 |
| 968 | 50.4333 | 9.12500 | 0.000000E+00 |
| 969 | 52.9510 | 9.12500 | 0.000000E+00 |
| 970 | 52.9510 | 2.12500 | 0.000000E+00 |
| 971 | 55.2843 | 9.12500 | 0.000000E+00 |
| 972 | 57.8020 | 9.12500 | 0.000000E+00 |
| 973 | 57.8020 | 2.12500 | 0.000000E+00 |
| 974 | 60.1353 | 9.12500 | 0.000000E+00 |
| 975 | 62.6530 | 9.12500 | 0.000000E+00 |
| 976 | 62.6530 | 2.12500 | 0.000000E+00 |
| 977 | 64.9863 | 9.12500 | 0.000000E+00 |
| 978 | 67.5040 | 9.12500 | 0.000000E+00 |
| 979 | 67.5040 | 2.12500 | 0.000000E+00 |
| 980 | 69.8373 | 9.12500 | 0.000000E+00 |
| 981 | 72.3550 | 9.12500 | 0.000000E+00 |
| 982 | 72.3550 | 2.12500 | 0.000000E+00 |
| 983 | 74.6883 | 9.12500 | 0.000000E+00 |
| 984 | 77.2060 | 9.12500 | 0.000000E+00 |
| 985 | 77.2060 | 2.12500 | 0.000000E+00 |
| 986 | 79.5393 | 9.12500 | 0.000000E+00 |
| 987 | 86.9100 | 9.12500 | 0.000000E+00 |
| 988 | 86.9100 | 2.12500 | 0.000000E+00 |
| 989 | 89.2433 | 9.12500 | 0.000000E+00 |
| 990 | 91.7630 | 9.12500 | 0.000000E+00 |
| 991 | 91.7630 | 2.12500 | 0.000000E+00 |
| 992 | 94.0963 | 9.12500 | 0.000000E+00 |
| 993 | 96.6160 | 9.12500 | 0.000000E+00 |
| 994 | 96.6160 | 2.12500 | 0.000000E+00 |
| 995 | 98.9493 | 9.12500 | 0.000000E+00 |
| 996 | 101.469 | 9.12500 | 0.000000E+00 |
| 997 | 101.469 | 2.12500 | 0.000000E+00 |
| 998 | 103.802 | 9.12500 | 0.000000E+00 |
| 999 | 106.322 | 9.12500 | 0.000000E+00 |
| 1000 | 106.322 | 2.12500 | 0.000000E+00 |
| 1001 | 108.655 | 9.12500 | 0.000000E+00 |
| 1002 | 111.175 | 9.12500 | 0.000000E+00 |
| 1003 | 111.175 | 2.12500 | 0.000000E+00 |
| 1004 | 113.508 | 9.12500 | 0.000000E+00 |
| 1005 | 116.028 | 9.12500 | 0.000000E+00 |
| 1006 | 116.028 | 2.12500 | 0.000000E+00 |
| 1007 | 118.361 | 9.12500 | 0.000000E+00 |
| 1008 | 120.881 | 9.12500 | 0.000000E+00 |
| 1009 | 120.881 | 2.12500 | 0.000000E+00 |
| 1010 | 123.214 | 9.12500 | 0.000000E+00 |
| 1011 | 125.734 | 9.12500 | 0.000000E+00 |
| 1012 | 125.734 | 2.12500 | 0.000000E+00 |
| 1013 | 128.067 | 9.12500 | 0.000000E+00 |
| 1014 | 135.442 | 9.12500 | 0.000000E+00 |
| 1015 | 135.442 | 2.12500 | 0.000000E+00 |
| 1016 | 137.775 | 9.12500 | 0.000000E+00 |
| 1017 | 140.297 | 9.12500 | 0.000000E+00 |
| 1018 | 140.297 | 2.12500 | 0.000000E+00 |
| 1019 | 142.630 | 9.12500 | 0.000000E+00 |
| 1020 | 145.152 | 9.12500 | 0.000000E+00 |
| 1021 | 145.152 | 2.12500 | 0.000000E+00 |
| 1022 | 147.485 | 9.12500 | 0.000000E+00 |
| 1023 | 150.007 | 9.12500 | 0.000000E+00 |
| 1024 | 150.007 | 2.12500 | 0.000000E+00 |
| 1025 | 152.340 | 9.12500 | 0.000000E+00 |
| 1026 | 154.862 | 9.12500 | 0.000000E+00 |
| 1027 | 154.862 | 2.12500 | 0.000000E+00 |
| 1028 | 157.195 | 9.12500 | 0.000000E+00 |
| 1029 | 159.717 | 9.12500 | 0.000000E+00 |
| 1030 | 159.717 | 2.12500 | 0.000000E+00 |
| 1031 | 162.050 | 9.12500 | 0.000000E+00 |
| 1032 | 164.572 | 9.12500 | 0.000000E+00 |
| 1033 | 164.572 | 2.12500 | 0.000000E+00 |
| 1034 | 166.905 | 9.12500 | 0.000000E+00 |
| 1035 | 169.427 | 9.12500 | 0.000000E+00 |
| 1036 | 169.427 | 2.12500 | 0.000000E+00 |
| 1037 | 171.760 | 9.12500 | 0.000000E+00 |
| 1038 | 174.282 | 9.12500 | 0.000000E+00 |
| 1039 | 174.282 | 2.12500 | 0.000000E+00 |
| 1040 | 176.615 | 9.12500 | 0.000000E+00 |
| 1041 | 183.994 | 9.12500 | 0.000000E+00 |
| 1042 | 183.994 | 2.12500 | 0.000000E+00 |
| 1043 | 186.327 | 9.12500 | 0.000000E+00 |
| 1044 | 188.851 | 9.12500 | 0.000000E+00 |
| 1045 | 188.851 | 2.12500 | 0.000000E+00 |
| 1046 | 191.184 | 9.12500 | 0.000000E+00 |
| 1047 | 193.708 | 9.12500 | 0.000000E+00 |
| 1048 | 193.708 | 2.12500 | 0.000000E+00 |
| 1049 | 196.041 | 9.12500 | 0.000000E+00 |
| 1050 | 198.565 | 9.12500 | 0.000000E+00 |
| 1051 | 198.565 | 2.12500 | 0.000000E+00 |
| 1052 | 200.898 | 9.12500 | 0.000000E+00 |
| 1053 | 203.422 | 9.12500 | 0.000000E+00 |
| 1054 | 203.422 | 2.12500 | 0.000000E+00 |
| 1055 | 205.755 | 9.12500 | 0.000000E+00 |
| 1056 | 208.279 | 9.12500 | 0.000000E+00 |
| 1057 | 208.279 | 2.12500 | 0.000000E+00 |
| 1058 | 210.612 | 9.12500 | 0.000000E+00 |
| 1059 | 213.136 | 9.12500 | 0.000000E+00 |
| 1060 | 213.136 | 2.12500 | 0.000000E+00 |
| 1061 | 215.469 | 9.12500 | 0.000000E+00 |
| 1062 | 217.993 | 9.12500 | 0.000000E+00 |
| 1063 | 217.993 | 2.12500 | 0.000000E+00 |
| 1064 | 220.326 | 9.12500 | 0.000000E+00 |
| 1065 | 222.850 | 9.12500 | 0.000000E+00 |
| 1066 | 222.850 | 2.12500 | 0.000000E+00 |
| 1067 | 225.183 | 9.12500 | 0.000000E+00 |
| 1068 | 232.565 | 9.12500 | 0.000000E+00 |
| 1069 | 232.565 | 2.12500 | 0.000000E+00 |
| 1070 | 234.898 | 9.12500 | 0.000000E+00 |
| 1071 | 237.423 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1072 | 237.423 | 2.12500 | 0.000000E+00 |
| 1073 | 239.756 | 9.12500 | 0.000000E+00 |
| 1074 | 242.281 | 9.12500 | 0.000000E+00 |
| 1075 | 242.281 | 2.12500 | 0.000000E+00 |
| 1076 | 244.614 | 9.12500 | 0.000000E+00 |
| 1077 | 247.139 | 9.12500 | 0.000000E+00 |
| 1078 | 247.139 | 2.12500 | 0.000000E+00 |
| 1079 | 249.472 | 9.12500 | 0.000000E+00 |
| 1080 | 251.997 | 9.12500 | 0.000000E+00 |
| 1081 | 251.997 | 2.12500 | 0.000000E+00 |
| 1082 | 254.330 | 9.12500 | 0.000000E+00 |
| 1083 | 256.855 | 9.12500 | 0.000000E+00 |
| 1084 | 256.855 | 2.12500 | 0.000000E+00 |
| 1085 | 259.188 | 9.12500 | 0.000000E+00 |
| 1086 | 261.713 | 9.12500 | 0.000000E+00 |
| 1087 | 261.713 | 2.12500 | 0.000000E+00 |
| 1088 | 264.046 | 9.12500 | 0.000000E+00 |
| 1089 | 266.571 | 9.12500 | 0.000000E+00 |
| 1090 | 266.571 | 2.12500 | 0.000000E+00 |
| 1091 | 268.904 | 9.12500 | 0.000000E+00 |
| 1092 | 271.429 | 9.12500 | 0.000000E+00 |
| 1093 | 271.429 | 2.12500 | 0.000000E+00 |
| 1094 | 273.762 | 9.12500 | 0.000000E+00 |
| 1095 | 281.146 | 9.12500 | 0.000000E+00 |
| 1096 | 281.146 | 2.12500 | 0.000000E+00 |
| 1097 | 283.479 | 9.12500 | 0.000000E+00 |
| 1098 | 286.005 | 9.12500 | 0.000000E+00 |
| 1099 | 286.005 | 2.12500 | 0.000000E+00 |
| 1100 | 288.338 | 9.12500 | 0.000000E+00 |
| 1101 | 290.864 | 9.12500 | 0.000000E+00 |
| 1102 | 290.864 | 2.12500 | 0.000000E+00 |
| 1103 | 293.197 | 9.12500 | 0.000000E+00 |
| 1104 | 295.723 | 9.12500 | 0.000000E+00 |
| 1105 | 295.723 | 2.12500 | 0.000000E+00 |
| 1106 | 298.056 | 9.12500 | 0.000000E+00 |
| 1107 | 300.582 | 9.12500 | 0.000000E+00 |
| 1108 | 300.582 | 2.12500 | 0.000000E+00 |
| 1109 | 302.915 | 9.12500 | 0.000000E+00 |
| 1110 | 305.441 | 9.12500 | 0.000000E+00 |
| 1111 | 305.441 | 2.12500 | 0.000000E+00 |
| 1112 | 307.774 | 9.12500 | 0.000000E+00 |
| 1113 | 310.300 | 9.12500 | 0.000000E+00 |
| 1114 | 310.300 | 2.12500 | 0.000000E+00 |
| 1115 | 312.633 | 9.12500 | 0.000000E+00 |
| 1116 | 315.159 | 9.12500 | 0.000000E+00 |
| 1117 | 315.159 | 2.12500 | 0.000000E+00 |
| 1118 | 317.492 | 9.12500 | 0.000000E+00 |
| 1119 | 320.018 | 9.12500 | 0.000000E+00 |
| 1120 | 320.018 | 2.12500 | 0.000000E+00 |
| 1121 | 322.351 | 9.12500 | 0.000000E+00 |
| 1122 | 329.747 | 9.12500 | 0.000000E+00 |
| 1123 | 329.747 | 2.12500 | 0.000000E+00 |
| 1124 | 332.080 | 9.12500 | 0.000000E+00 |
| 1125 | 334.617 | 9.12500 | 0.000000E+00 |
| 1126 | 334.617 | 2.12500 | 0.000000E+00 |
| 1127 | 336.951 | 9.12500 | 0.000000E+00 |
| 1128 | 339.487 | 9.12500 | 0.000000E+00 |
| 1129 | 339.487 | 2.12500 | 0.000000E+00 |
| 1130 | 341.821 | 9.12500 | 0.000000E+00 |
| 1131 | 344.357 | 9.12500 | 0.000000E+00 |
| 1132 | 344.357 | 2.12500 | 0.000000E+00 |
| 1133 | 346.691 | 9.12500 | 0.000000E+00 |
| 1134 | 349.227 | 9.12500 | 0.000000E+00 |
| 1135 | 349.227 | 2.12500 | 0.000000E+00 |
| 1136 | 351.561 | 9.12500 | 0.000000E+00 |
| 1137 | 354.098 | 9.12500 | 0.000000E+00 |
| 1138 | 354.098 | 2.12500 | 0.000000E+00 |
| 1139 | 356.431 | 9.12500 | 0.000000E+00 |
| 1140 | 358.968 | 9.12500 | 0.000000E+00 |
| 1141 | 358.968 | 2.12500 | 0.000000E+00 |
| 1142 | 361.301 | 9.12500 | 0.000000E+00 |
| 1143 | 363.838 | 9.12500 | 0.000000E+00 |
| 1144 | 363.838 | 2.12500 | 0.000000E+00 |
| 1145 | 366.171 | 9.12500 | 0.000000E+00 |
| 1146 | 368.708 | 9.12500 | 0.000000E+00 |
| 1147 | 368.708 | 2.12500 | 0.000000E+00 |
| 1148 | 371.041 | 9.12500 | 0.000000E+00 |
| 1149 | -323.444 | 9.12500 | 0.000000E+00 |
| 1150 | -274.854 | 9.12500 | 0.000000E+00 |
| 1151 | -226.274 | 9.12500 | 0.000000E+00 |
| 1152 | -177.704 | 9.12500 | 0.000000E+00 |
| 1153 | -129.154 | 9.12500 | 0.000000E+00 |
| 1154 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1155 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1156 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1157 | 2.833333 | 9.12500 | 0.000000E+00 |
| 1158 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1159 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1160 | 132.920 | 9.12500 | 0.000000E+00 |
| 1161 | 181.470 | 9.12500 | 0.000000E+00 |
| 1162 | 230.040 | 9.12500 | 0.000000E+00 |
| 1163 | -357.476 | 9.12500 | 0.000000E+00 |
| 1164 | 278.620 | 9.12500 | 0.000000E+00 |
| 1165 | 327.210 | 9.12500 | 0.000000E+00 |
| 1166 | 375.911 | 9.12500 | 0.000000E+00 |
| 1167 | -352.614 | 9.12500 | 0.000000E+00 |
| 1168 | -347.752 | 9.12500 | 0.000000E+00 |
| 1169 | -342.891 | 9.12500 | 0.000000E+00 |
| 1170 | -338.029 | 9.12500 | 0.000000E+00 |
| 1171 | -333.167 | 9.12500 | 0.000000E+00 |
| 1172 | -328.305 | 9.12500 | 0.000000E+00 |
| 1173 | -27.3927 | 9.12500 | 0.000000E+00 |
| 1174 | -22.6717 | 9.12500 | 0.000000E+00 |
| 1175 | -17.9507 | 9.12500 | 0.000000E+00 |
| 1176 | -13.2297 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1177 | -8.50867 | 9.12500 | 0.000000E+00 |
| 1178 | -3.78767 | 9.12500 | 0.000000E+00 |
| 1179 | 7.55433 | 9.12500 | 0.000000E+00 |
| 1180 | 12.2753 | 9.12500 | 0.000000E+00 |
| 1181 | 16.9963 | 9.12500 | 0.000000E+00 |
| 1182 | 21.7173 | 9.12500 | 0.000000E+00 |
| 1183 | 26.4383 | 9.12500 | 0.000000E+00 |
| 1184 | 31.1593 | 9.12500 | 0.000000E+00 |
| 1185 | 380.773 | 9.12500 | 0.000000E+00 |
| 1186 | 385.635 | 9.12500 | 0.000000E+00 |
| 1187 | 390.496 | 9.12500 | 0.000000E+00 |
| 1188 | 395.358 | 9.12500 | 0.000000E+00 |
| 1189 | 400.220 | 9.12500 | 0.000000E+00 |
| 1190 | 405.082 | 9.12500 | 0.000000E+00 |
| 1191 | -318.585 | 9.12500 | 0.000000E+00 |
| 1192 | -313.726 | 9.12500 | 0.000000E+00 |
| 1193 | -308.867 | 9.12500 | 0.000000E+00 |
| 1194 | -304.008 | 9.12500 | 0.000000E+00 |
| 1195 | -299.149 | 9.12500 | 0.000000E+00 |
| 1196 | -294.290 | 9.12500 | 0.000000E+00 |
| 1197 | -289.431 | 9.12500 | 0.000000E+00 |
| 1198 | -284.572 | 9.12500 | 0.000000E+00 |
| 1199 | -279.713 | 9.12500 | 0.000000E+00 |
| 1200 | -269.996 | 9.12500 | 0.000000E+00 |
| 1201 | -265.138 | 9.12500 | 0.000000E+00 |
| 1202 | -260.280 | 9.12500 | 0.000000E+00 |
| 1203 | -255.422 | 9.12500 | 0.000000E+00 |
| 1204 | -250.564 | 9.12500 | 0.000000E+00 |
| 1205 | -245.706 | 9.12500 | 0.000000E+00 |
| 1206 | -240.848 | 9.12500 | 0.000000E+00 |
| 1207 | -235.990 | 9.12500 | 0.000000E+00 |
| 1208 | -231.132 | 9.12500 | 0.000000E+00 |
| 1209 | -221.417 | 9.12500 | 0.000000E+00 |
| 1210 | -216.560 | 9.12500 | 0.000000E+00 |
| 1211 | -211.703 | 9.12500 | 0.000000E+00 |
| 1212 | -206.846 | 9.12500 | 0.000000E+00 |
| 1213 | -201.989 | 9.12500 | 0.000000E+00 |
| 1214 | -197.132 | 9.12500 | 0.000000E+00 |
| 1215 | -192.275 | 9.12500 | 0.000000E+00 |
| 1216 | -187.418 | 9.12500 | 0.000000E+00 |
| 1217 | -182.561 | 9.12500 | 0.000000E+00 |
| 1218 | -172.849 | 9.12500 | 0.000000E+00 |
| 1219 | -167.994 | 9.12500 | 0.000000E+00 |
| 1220 | -163.139 | 9.12500 | 0.000000E+00 |
| 1221 | -158.284 | 9.12500 | 0.000000E+00 |
| 1222 | -153.429 | 9.12500 | 0.000000E+00 |
| 1223 | -148.574 | 9.12500 | 0.000000E+00 |
| 1224 | -143.719 | 9.12500 | 0.000000E+00 |
| 1225 | -138.864 | 9.12500 | 0.000000E+00 |
| 1226 | -134.009 | 9.12500 | 0.000000E+00 |
| 1227 | -124.301 | 9.12500 | 0.000000E+00 |
| 1228 | -119.448 | 9.12500 | 0.000000E+00 |
| 1229 | -114.595 | 9.12500 | 0.000000E+00 |
| 1230 | -109.742 | 9.12500 | 0.000000E+00 |
| 1231 | -104.889 | 9.12500 | 0.000000E+00 |
| 1232 | -100.036 | 9.12500 | 0.000000E+00 |
| 1233 | -95.1827 | 9.12500 | 0.000000E+00 |
| 1234 | -90.3297 | 9.12500 | 0.000000E+00 |
| 1235 | -85.4767 | 9.12500 | 0.000000E+00 |
| 1236 | -75.7727 | 9.12500 | 0.000000E+00 |
| 1237 | -70.9217 | 9.12500 | 0.000000E+00 |
| 1238 | -66.0707 | 9.12500 | 0.000000E+00 |
| 1239 | -61.2197 | 9.12500 | 0.000000E+00 |
| 1240 | -56.3687 | 9.12500 | 0.000000E+00 |
| 1241 | -51.5177 | 9.12500 | 0.000000E+00 |
| 1242 | -46.6667 | 9.12500 | 0.000000E+00 |
| 1243 | -41.8157 | 9.12500 | 0.000000E+00 |
| 1244 | -36.9647 | 9.12500 | 0.000000E+00 |
| 1245 | 40.7313 | 9.12500 | 0.000000E+00 |
| 1246 | 45.5823 | 9.12500 | 0.000000E+00 |
| 1247 | 50.4333 | 9.12500 | 0.000000E+00 |
| 1248 | 55.2843 | 9.12500 | 0.000000E+00 |
| 1249 | 60.1353 | 9.12500 | 0.000000E+00 |
| 1250 | 64.9863 | 9.12500 | 0.000000E+00 |
| 1251 | 69.8373 | 9.12500 | 0.000000E+00 |
| 1252 | 74.6883 | 9.12500 | 0.000000E+00 |
| 1253 | 79.5393 | 9.12500 | 0.000000E+00 |
| 1254 | 89.2433 | 9.12500 | 0.000000E+00 |
| 1255 | 94.0963 | 9.12500 | 0.000000E+00 |
| 1256 | 98.9493 | 9.12500 | 0.000000E+00 |
| 1257 | 103.802 | 9.12500 | 0.000000E+00 |
| 1258 | 108.655 | 9.12500 | 0.000000E+00 |
| 1259 | 113.508 | 9.12500 | 0.000000E+00 |
| 1260 | 118.361 | 9.12500 | 0.000000E+00 |
| 1261 | 123.214 | 9.12500 | 0.000000E+00 |
| 1262 | 128.067 | 9.12500 | 0.000000E+00 |
| 1263 | 137.775 | 9.12500 | 0.000000E+00 |
| 1264 | 142.630 | 9.12500 | 0.000000E+00 |
| 1265 | 147.485 | 9.12500 | 0.000000E+00 |
| 1266 | 152.340 | 9.12500 | 0.000000E+00 |
| 1267 | 157.195 | 9.12500 | 0.000000E+00 |
| 1268 | 162.050 | 9.12500 | 0.000000E+00 |
| 1269 | 166.905 | 9.12500 | 0.000000E+00 |
| 1270 | 171.760 | 9.12500 | 0.000000E+00 |
| 1271 | 176.615 | 9.12500 | 0.000000E+00 |
| 1272 | 186.327 | 9.12500 | 0.000000E+00 |
| 1273 | 191.184 | 9.12500 | 0.000000E+00 |
| 1274 | 196.041 | 9.12500 | 0.000000E+00 |
| 1275 | 200.898 | 9.12500 | 0.000000E+00 |
| 1276 | 205.755 | 9.12500 | 0.000000E+00 |
| 1277 | 210.612 | 9.12500 | 0.000000E+00 |
| 1278 | 215.469 | 9.12500 | 0.000000E+00 |
| 1279 | 220.326 | 9.12500 | 0.000000E+00 |
| 1280 | 225.183 | 9.12500 | 0.000000E+00 |
| 1281 | 234.898 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1282 | 239.756 | 9.12500 | 0.000000E+00 |
| 1283 | 244.614 | 9.12500 | 0.000000E+00 |
| 1284 | 249.472 | 9.12500 | 0.000000E+00 |
| 1285 | 254.330 | 9.12500 | 0.000000E+00 |
| 1286 | 259.188 | 9.12500 | 0.000000E+00 |
| 1287 | 264.046 | 9.12500 | 0.000000E+00 |
| 1288 | 268.904 | 9.12500 | 0.000000E+00 |
| 1289 | 273.762 | 9.12500 | 0.000000E+00 |
| 1290 | 283.479 | 9.12500 | 0.000000E+00 |
| 1291 | 288.338 | 9.12500 | 0.000000E+00 |
| 1292 | 293.197 | 9.12500 | 0.000000E+00 |
| 1293 | 298.056 | 9.12500 | 0.000000E+00 |
| 1294 | 302.915 | 9.12500 | 0.000000E+00 |
| 1295 | 307.774 | 9.12500 | 0.000000E+00 |
| 1296 | 312.633 | 9.12500 | 0.000000E+00 |
| 1297 | 317.492 | 9.12500 | 0.000000E+00 |
| 1298 | 322.351 | 9.12500 | 0.000000E+00 |
| 1299 | 332.080 | 9.12500 | 0.000000E+00 |
| 1300 | 336.951 | 9.12500 | 0.000000E+00 |
| 1301 | 341.821 | 9.12500 | 0.000000E+00 |
| 1302 | 346.691 | 9.12500 | 0.000000E+00 |
| 1303 | 351.561 | 9.12500 | 0.000000E+00 |
| 1304 | 356.431 | 9.12500 | 0.000000E+00 |
| 1305 | 361.301 | 9.12500 | 0.000000E+00 |
| 1306 | 366.171 | 9.12500 | 0.000000E+00 |
| 1307 | 371.041 | 9.12500 | 0.000000E+00 |
| 1308 | -323.444 | 9.12500 | 0.000000E+00 |
| 1309 | -274.854 | 9.12500 | 0.000000E+00 |
| 1310 | -226.274 | 9.12500 | 0.000000E+00 |
| 1311 | -177.704 | 9.12500 | 0.000000E+00 |
| 1312 | -129.154 | 9.12500 | 0.000000E+00 |
| 1313 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1314 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1315 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1316 | 2.83333 | 9.12500 | 0.000000E+00 |
| 1317 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1318 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1319 | 132.920 | 9.12500 | 0.000000E+00 |
| 1320 | 181.470 | 9.12500 | 0.000000E+00 |
| 1321 | 230.040 | 9.12500 | 0.000000E+00 |
| 1322 | -359.809 | 0.000000E+00 | 0.000000E+00 |
| 1323 | -358.809 | 2.12500 | 0.000000E+00 |
| 1324 | 276.287 | 0.000000E+00 | 0.000000E+00 |
| 1325 | 277.287 | 2.12500 | 0.000000E+00 |
| 1326 | 324.877 | 0.000000E+00 | 0.000000E+00 |
| 1327 | 325.877 | 2.12500 | 0.000000E+00 |
| 1328 | -354.947 | 0.000000E+00 | 0.000000E+00 |
| 1329 | -353.947 | 2.12500 | 0.000000E+00 |
| 1330 | -350.086 | 0.000000E+00 | 0.000000E+00 |
| 1331 | -349.086 | 2.12500 | 0.000000E+00 |
| 1332 | -345.224 | 0.000000E+00 | 0.000000E+00 |
| 1333 | -344.224 | 2.12500 | 0.000000E+00 |
| 1334 | -340.362 | 0.000000E+00 | 0.000000E+00 |
| 1335 | -339.362 | 2.12500 | 0.000000E+00 |
| 1336 | -335.500 | 0.000000E+00 | 0.000000E+00 |
| 1337 | -334.500 | 2.12500 | 0.000000E+00 |
| 1338 | -330.639 | 0.000000E+00 | 0.000000E+00 |
| 1339 | -329.639 | 2.12500 | 0.000000E+00 |
| 1340 | -29.7260 | 0.000000E+00 | 0.000000E+00 |
| 1341 | -28.7260 | 2.12500 | 0.000000E+00 |
| 1342 | -25.0050 | 0.000000E+00 | 0.000000E+00 |
| 1343 | -24.0050 | 2.12500 | 0.000000E+00 |
| 1344 | -20.2840 | 0.000000E+00 | 0.000000E+00 |
| 1345 | -19.2840 | 2.12500 | 0.000000E+00 |
| 1346 | -15.5630 | 0.000000E+00 | 0.000000E+00 |
| 1347 | -14.5630 | 2.12500 | 0.000000E+00 |
| 1348 | -10.8420 | 0.000000E+00 | 0.000000E+00 |
| 1349 | -9.84200 | 2.12500 | 0.000000E+00 |
| 1350 | -6.12100 | 0.000000E+00 | 0.000000E+00 |
| 1351 | -5.12100 | 2.12500 | 0.000000E+00 |
| 1352 | 5.22100 | 0.000000E+00 | 0.000000E+00 |
| 1353 | 6.22100 | 2.12500 | 0.000000E+00 |
| 1354 | 9.94200 | 0.000000E+00 | 0.000000E+00 |
| 1355 | 10.9420 | 2.12500 | 0.000000E+00 |
| 1356 | 14.6630 | 0.000000E+00 | 0.000000E+00 |
| 1357 | 15.6630 | 2.12500 | 0.000000E+00 |
| 1358 | 19.3840 | 0.000000E+00 | 0.000000E+00 |
| 1359 | 20.3840 | 2.12500 | 0.000000E+00 |
| 1360 | 24.1050 | 0.000000E+00 | 0.000000E+00 |
| 1361 | 25.1050 | 2.12500 | 0.000000E+00 |
| 1362 | 28.8260 | 0.000000E+00 | 0.000000E+00 |
| 1363 | 29.8260 | 2.12500 | 0.000000E+00 |
| 1364 | -320.918 | 0.000000E+00 | 0.000000E+00 |
| 1365 | -319.918 | 2.12500 | 0.000000E+00 |
| 1366 | -316.059 | 0.000000E+00 | 0.000000E+00 |
| 1367 | -315.059 | 2.12500 | 0.000000E+00 |
| 1368 | -311.200 | 0.000000E+00 | 0.000000E+00 |
| 1369 | -310.200 | 2.12500 | 0.000000E+00 |
| 1370 | -306.341 | 0.000000E+00 | 0.000000E+00 |
| 1371 | -305.341 | 2.12500 | 0.000000E+00 |
| 1372 | -301.482 | 0.000000E+00 | 0.000000E+00 |
| 1373 | -300.482 | 2.12500 | 0.000000E+00 |
| 1374 | -296.623 | 0.000000E+00 | 0.000000E+00 |
| 1375 | -295.623 | 2.12500 | 0.000000E+00 |
| 1376 | -291.764 | 0.000000E+00 | 0.000000E+00 |
| 1377 | -290.764 | 2.12500 | 0.000000E+00 |
| 1378 | -286.905 | 0.000000E+00 | 0.000000E+00 |
| 1379 | -285.905 | 2.12500 | 0.000000E+00 |
| 1380 | -282.046 | 0.000000E+00 | 0.000000E+00 |
| 1381 | -281.046 | 2.12500 | 0.000000E+00 |
| 1382 | -272.329 | 0.000000E+00 | 0.000000E+00 |
| 1383 | -271.329 | 2.12500 | 0.000000E+00 |
| 1384 | -267.471 | 0.000000E+00 | 0.000000E+00 |
| 1385 | -266.471 | 2.12500 | 0.000000E+00 |
| 1386 | -262.613 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1387 | -261.613 | 2.12500 | 0.000000E+00 |
| 1388 | -257.755 | 0.000000E+00 | 0.000000E+00 |
| 1389 | -256.755 | 2.12500 | 0.000000E+00 |
| 1390 | -252.897 | 0.000000E+00 | 0.000000E+00 |
| 1391 | -251.897 | 2.12500 | 0.000000E+00 |
| 1392 | -248.039 | 0.000000E+00 | 0.000000E+00 |
| 1393 | -247.039 | 2.12500 | 0.000000E+00 |
| 1394 | -243.181 | 0.000000E+00 | 0.000000E+00 |
| 1395 | -242.181 | 2.12500 | 0.000000E+00 |
| 1396 | -238.323 | 0.000000E+00 | 0.000000E+00 |
| 1397 | -237.323 | 2.12500 | 0.000000E+00 |
| 1398 | -233.465 | 0.000000E+00 | 0.000000E+00 |
| 1399 | -232.465 | 2.12500 | 0.000000E+00 |
| 1400 | -223.750 | 0.000000E+00 | 0.000000E+00 |
| 1401 | -222.750 | 2.12500 | 0.000000E+00 |
| 1402 | -218.893 | 0.000000E+00 | 0.000000E+00 |
| 1403 | -217.893 | 2.12500 | 0.000000E+00 |
| 1404 | -214.036 | 0.000000E+00 | 0.000000E+00 |
| 1405 | -213.036 | 2.12500 | 0.000000E+00 |
| 1406 | -209.179 | 0.000000E+00 | 0.000000E+00 |
| 1407 | -208.179 | 2.12500 | 0.000000E+00 |
| 1408 | -204.322 | 0.000000E+00 | 0.000000E+00 |
| 1409 | -203.322 | 2.12500 | 0.000000E+00 |
| 1410 | -199.465 | 0.000000E+00 | 0.000000E+00 |
| 1411 | -198.465 | 2.12500 | 0.000000E+00 |
| 1412 | -194.608 | 0.000000E+00 | 0.000000E+00 |
| 1413 | -193.608 | 2.12500 | 0.000000E+00 |
| 1414 | -189.751 | 0.000000E+00 | 0.000000E+00 |
| 1415 | -188.751 | 2.12500 | 0.000000E+00 |
| 1416 | -184.894 | 0.000000E+00 | 0.000000E+00 |
| 1417 | -183.894 | 2.12500 | 0.000000E+00 |
| 1418 | -175.182 | 0.000000E+00 | 0.000000E+00 |
| 1419 | -174.182 | 2.12500 | 0.000000E+00 |
| 1420 | -170.327 | 0.000000E+00 | 0.000000E+00 |
| 1421 | -169.327 | 2.12500 | 0.000000E+00 |
| 1422 | -165.472 | 0.000000E+00 | 0.000000E+00 |
| 1423 | -164.472 | 2.12500 | 0.000000E+00 |
| 1424 | -160.617 | 0.000000E+00 | 0.000000E+00 |
| 1425 | -159.617 | 2.12500 | 0.000000E+00 |
| 1426 | -155.762 | 0.000000E+00 | 0.000000E+00 |
| 1427 | -154.762 | 2.12500 | 0.000000E+00 |
| 1428 | -150.907 | 0.000000E+00 | 0.000000E+00 |
| 1429 | -149.907 | 2.12500 | 0.000000E+00 |
| 1430 | -146.052 | 0.000000E+00 | 0.000000E+00 |
| 1431 | -145.052 | 2.12500 | 0.000000E+00 |
| 1432 | -141.197 | 0.000000E+00 | 0.000000E+00 |
| 1433 | -140.197 | 2.12500 | 0.000000E+00 |
| 1434 | -136.342 | 0.000000E+00 | 0.000000E+00 |
| 1435 | -135.342 | 2.12500 | 0.000000E+00 |
| 1436 | -126.634 | 0.000000E+00 | 0.000000E+00 |
| 1437 | -125.634 | 2.12500 | 0.000000E+00 |
| 1438 | -121.781 | 0.000000E+00 | 0.000000E+00 |
| 1439 | -120.781 | 2.12500 | 0.000000E+00 |
| 1440 | -116.928 | 0.000000E+00 | 0.000000E+00 |
| 1441 | -115.928 | 2.12500 | 0.000000E+00 |
| 1442 | -112.075 | 0.000000E+00 | 0.000000E+00 |
| 1443 | -111.075 | 2.12500 | 0.000000E+00 |
| 1444 | -107.222 | 0.000000E+00 | 0.000000E+00 |
| 1445 | -106.222 | 2.12500 | 0.000000E+00 |
| 1446 | -102.369 | 0.000000E+00 | 0.000000E+00 |
| 1447 | -101.369 | 2.12500 | 0.000000E+00 |
| 1448 | -97.5160 | 0.000000E+00 | 0.000000E+00 |
| 1449 | -96.5160 | 2.12500 | 0.000000E+00 |
| 1450 | -92.6630 | 0.000000E+00 | 0.000000E+00 |
| 1451 | -91.6630 | 2.12500 | 0.000000E+00 |
| 1452 | -87.8100 | 0.000000E+00 | 0.000000E+00 |
| 1453 | -86.8100 | 2.12500 | 0.000000E+00 |
| 1454 | -78.1060 | 0.000000E+00 | 0.000000E+00 |
| 1455 | -77.1060 | 2.12500 | 0.000000E+00 |
| 1456 | -73.2550 | 0.000000E+00 | 0.000000E+00 |
| 1457 | -72.2550 | 2.12500 | 0.000000E+00 |
| 1458 | -68.4040 | 0.000000E+00 | 0.000000E+00 |
| 1459 | -67.4040 | 2.12500 | 0.000000E+00 |
| 1460 | -63.5530 | 0.000000E+00 | 0.000000E+00 |
| 1461 | -62.5530 | 2.12500 | 0.000000E+00 |
| 1462 | -58.7020 | 0.000000E+00 | 0.000000E+00 |
| 1463 | -57.7020 | 2.12500 | 0.000000E+00 |
| 1464 | -53.8510 | 0.000000E+00 | 0.000000E+00 |
| 1465 | -52.8510 | 2.12500 | 0.000000E+00 |
| 1466 | -49.0000 | 0.000000E+00 | 0.000000E+00 |
| 1467 | -48.0000 | 2.12500 | 0.000000E+00 |
| 1468 | -44.1490 | 0.000000E+00 | 0.000000E+00 |
| 1469 | -43.1490 | 2.12500 | 0.000000E+00 |
| 1470 | -39.2980 | 0.000000E+00 | 0.000000E+00 |
| 1471 | -38.2980 | 2.12500 | 0.000000E+00 |
| 1472 | 38.3980 | 0.000000E+00 | 0.000000E+00 |
| 1473 | 39.3980 | 2.12500 | 0.000000E+00 |
| 1474 | 43.2490 | 0.000000E+00 | 0.000000E+00 |
| 1475 | 44.2490 | 2.12500 | 0.000000E+00 |
| 1476 | 48.1000 | 0.000000E+00 | 0.000000E+00 |
| 1477 | 49.1000 | 2.12500 | 0.000000E+00 |
| 1478 | 52.9510 | 0.000000E+00 | 0.000000E+00 |
| 1479 | 53.9510 | 2.12500 | 0.000000E+00 |
| 1480 | 57.8020 | 0.000000E+00 | 0.000000E+00 |
| 1481 | 58.8020 | 2.12500 | 0.000000E+00 |
| 1482 | 62.6530 | 0.000000E+00 | 0.000000E+00 |
| 1483 | 63.6530 | 2.12500 | 0.000000E+00 |
| 1484 | 67.5040 | 0.000000E+00 | 0.000000E+00 |
| 1485 | 68.5040 | 2.12500 | 0.000000E+00 |
| 1486 | 72.3550 | 0.000000E+00 | 0.000000E+00 |
| 1487 | 73.3550 | 2.12500 | 0.000000E+00 |
| 1488 | 77.2060 | 0.000000E+00 | 0.000000E+00 |
| 1489 | 78.2060 | 2.12500 | 0.000000E+00 |
| 1490 | 86.9100 | 0.000000E+00 | 0.000000E+00 |
| 1491 | 87.9100 | 2.12500 | 0.000000E+00 |

| | | | |
|------|---------|--------------|--------------|
| 1492 | 91.7630 | 0.000000E+00 | 0.000000E+00 |
| 1493 | 92.7630 | 2.12500 | 0.000000E+00 |
| 1494 | 96.6160 | 0.000000E+00 | 0.000000E+00 |
| 1495 | 97.6160 | 2.12500 | 0.000000E+00 |
| 1496 | 101.469 | 0.000000E+00 | 0.000000E+00 |
| 1497 | 102.469 | 2.12500 | 0.000000E+00 |
| 1498 | 106.322 | 0.000000E+00 | 0.000000E+00 |
| 1499 | 107.322 | 2.12500 | 0.000000E+00 |
| 1500 | 111.175 | 0.000000E+00 | 0.000000E+00 |
| 1501 | 112.175 | 2.12500 | 0.000000E+00 |
| 1502 | 116.028 | 0.000000E+00 | 0.000000E+00 |
| 1503 | 117.028 | 2.12500 | 0.000000E+00 |
| 1504 | 120.881 | 0.000000E+00 | 0.000000E+00 |
| 1505 | 121.881 | 2.12500 | 0.000000E+00 |
| 1506 | 125.734 | 0.000000E+00 | 0.000000E+00 |
| 1507 | 126.734 | 2.12500 | 0.000000E+00 |
| 1508 | 135.442 | 0.000000E+00 | 0.000000E+00 |
| 1509 | 136.442 | 2.12500 | 0.000000E+00 |
| 1510 | 140.297 | 0.000000E+00 | 0.000000E+00 |
| 1511 | 141.297 | 2.12500 | 0.000000E+00 |
| 1512 | 145.152 | 0.000000E+00 | 0.000000E+00 |
| 1513 | 146.152 | 2.12500 | 0.000000E+00 |
| 1514 | 150.007 | 0.000000E+00 | 0.000000E+00 |
| 1515 | 151.007 | 2.12500 | 0.000000E+00 |
| 1516 | 154.862 | 0.000000E+00 | 0.000000E+00 |
| 1517 | 155.862 | 2.12500 | 0.000000E+00 |
| 1518 | 159.717 | 0.000000E+00 | 0.000000E+00 |
| 1519 | 160.717 | 2.12500 | 0.000000E+00 |
| 1520 | 164.572 | 0.000000E+00 | 0.000000E+00 |
| 1521 | 165.572 | 2.12500 | 0.000000E+00 |
| 1522 | 169.427 | 0.000000E+00 | 0.000000E+00 |
| 1523 | 170.427 | 2.12500 | 0.000000E+00 |
| 1524 | 174.282 | 0.000000E+00 | 0.000000E+00 |
| 1525 | 175.282 | 2.12500 | 0.000000E+00 |
| 1526 | 183.994 | 0.000000E+00 | 0.000000E+00 |
| 1527 | 184.994 | 2.12500 | 0.000000E+00 |
| 1528 | 188.851 | 0.000000E+00 | 0.000000E+00 |
| 1529 | 189.851 | 2.12500 | 0.000000E+00 |
| 1530 | 193.708 | 0.000000E+00 | 0.000000E+00 |
| 1531 | 194.708 | 2.12500 | 0.000000E+00 |
| 1532 | 198.565 | 0.000000E+00 | 0.000000E+00 |
| 1533 | 199.565 | 2.12500 | 0.000000E+00 |
| 1534 | 203.422 | 0.000000E+00 | 0.000000E+00 |
| 1535 | 204.422 | 2.12500 | 0.000000E+00 |
| 1536 | 208.279 | 0.000000E+00 | 0.000000E+00 |
| 1537 | 209.279 | 2.12500 | 0.000000E+00 |
| 1538 | 213.136 | 0.000000E+00 | 0.000000E+00 |
| 1539 | 214.136 | 2.12500 | 0.000000E+00 |
| 1540 | 217.993 | 0.000000E+00 | 0.000000E+00 |
| 1541 | 218.993 | 2.12500 | 0.000000E+00 |
| 1542 | 222.850 | 0.000000E+00 | 0.000000E+00 |
| 1543 | 223.850 | 2.12500 | 0.000000E+00 |
| 1544 | 232.565 | 0.000000E+00 | 0.000000E+00 |
| 1545 | 233.565 | 2.12500 | 0.000000E+00 |
| 1546 | 237.423 | 0.000000E+00 | 0.000000E+00 |
| 1547 | 238.423 | 2.12500 | 0.000000E+00 |
| 1548 | 242.281 | 0.000000E+00 | 0.000000E+00 |
| 1549 | 243.281 | 2.12500 | 0.000000E+00 |
| 1550 | 247.139 | 0.000000E+00 | 0.000000E+00 |
| 1551 | 248.139 | 2.12500 | 0.000000E+00 |
| 1552 | 251.997 | 0.000000E+00 | 0.000000E+00 |
| 1553 | 252.997 | 2.12500 | 0.000000E+00 |
| 1554 | 256.855 | 0.000000E+00 | 0.000000E+00 |
| 1555 | 257.855 | 2.12500 | 0.000000E+00 |
| 1556 | 261.713 | 0.000000E+00 | 0.000000E+00 |
| 1557 | 262.713 | 2.12500 | 0.000000E+00 |
| 1558 | 266.571 | 0.000000E+00 | 0.000000E+00 |
| 1559 | 267.571 | 2.12500 | 0.000000E+00 |
| 1560 | 271.429 | 0.000000E+00 | 0.000000E+00 |
| 1561 | 272.429 | 2.12500 | 0.000000E+00 |
| 1562 | 281.146 | 0.000000E+00 | 0.000000E+00 |
| 1563 | 282.146 | 2.12500 | 0.000000E+00 |
| 1564 | 286.005 | 0.000000E+00 | 0.000000E+00 |
| 1565 | 287.005 | 2.12500 | 0.000000E+00 |
| 1566 | 290.864 | 0.000000E+00 | 0.000000E+00 |
| 1567 | 291.864 | 2.12500 | 0.000000E+00 |
| 1568 | 295.723 | 0.000000E+00 | 0.000000E+00 |
| 1569 | 296.723 | 2.12500 | 0.000000E+00 |
| 1570 | 300.582 | 0.000000E+00 | 0.000000E+00 |
| 1571 | 301.582 | 2.12500 | 0.000000E+00 |
| 1572 | 305.441 | 0.000000E+00 | 0.000000E+00 |
| 1573 | 306.441 | 2.12500 | 0.000000E+00 |
| 1574 | 310.300 | 0.000000E+00 | 0.000000E+00 |
| 1575 | 311.300 | 2.12500 | 0.000000E+00 |
| 1576 | 315.159 | 0.000000E+00 | 0.000000E+00 |
| 1577 | 316.159 | 2.12500 | 0.000000E+00 |
| 1578 | 320.018 | 0.000000E+00 | 0.000000E+00 |
| 1579 | 321.018 | 2.12500 | 0.000000E+00 |
| 1580 | 329.747 | 0.000000E+00 | 0.000000E+00 |
| 1581 | 330.747 | 2.12500 | 0.000000E+00 |
| 1582 | 334.617 | 0.000000E+00 | 0.000000E+00 |
| 1583 | 335.617 | 2.12500 | 0.000000E+00 |
| 1584 | 339.487 | 0.000000E+00 | 0.000000E+00 |
| 1585 | 340.487 | 2.12500 | 0.000000E+00 |
| 1586 | 344.357 | 0.000000E+00 | 0.000000E+00 |
| 1587 | 345.357 | 2.12500 | 0.000000E+00 |
| 1588 | 349.227 | 0.000000E+00 | 0.000000E+00 |
| 1589 | 350.227 | 2.12500 | 0.000000E+00 |
| 1590 | 354.098 | 0.000000E+00 | 0.000000E+00 |
| 1591 | 355.098 | 2.12500 | 0.000000E+00 |
| 1592 | 358.968 | 0.000000E+00 | 0.000000E+00 |
| 1593 | 359.968 | 2.12500 | 0.000000E+00 |
| 1594 | 363.838 | 0.000000E+00 | 0.000000E+00 |
| 1595 | 364.838 | 2.12500 | 0.000000E+00 |
| 1596 | 368.708 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|-----------|--------------|--------------|
| 1597 | 369.708 | 2.12500 | 0.000000E+00 |
| 1598 | -325.777 | 0.000000E+00 | 0.000000E+00 |
| 1599 | -324.777 | 2.12500 | 0.000000E+00 |
| 1600 | -277.187 | 0.000000E+00 | 0.000000E+00 |
| 1601 | -276.187 | 2.12500 | 0.000000E+00 |
| 1602 | -228.607 | 0.000000E+00 | 0.000000E+00 |
| 1603 | -227.607 | 2.12500 | 0.000000E+00 |
| 1604 | -180.037 | 0.000000E+00 | 0.000000E+00 |
| 1605 | -179.037 | 2.12500 | 0.000000E+00 |
| 1606 | -131.487 | 0.000000E+00 | 0.000000E+00 |
| 1607 | -130.487 | 2.12500 | 0.000000E+00 |
| 1608 | -82.9570 | 0.000000E+00 | 0.000000E+00 |
| 1609 | -81.9570 | 2.12500 | 0.000000E+00 |
| 1610 | -34.4470 | 0.000000E+00 | 0.000000E+00 |
| 1611 | -33.4470 | 2.12500 | 0.000000E+00 |
| 1612 | -1.40000 | 0.000000E+00 | 0.000000E+00 |
| 1613 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1614 | 0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1615 | 1.50000 | 2.12500 | 0.000000E+00 |
| 1616 | 33.5470 | 0.000000E+00 | 0.000000E+00 |
| 1617 | 34.5470 | 2.12500 | 0.000000E+00 |
| 1618 | 82.0570 | 0.000000E+00 | 0.000000E+00 |
| 1619 | 83.0570 | 2.12500 | 0.000000E+00 |
| 1620 | 130.587 | 0.000000E+00 | 0.000000E+00 |
| 1621 | 131.587 | 2.12500 | 0.000000E+00 |
| 1622 | 179.137 | 0.000000E+00 | 0.000000E+00 |
| 1623 | 180.137 | 2.12500 | 0.000000E+00 |
| 1624 | 227.707 | 0.000000E+00 | 0.000000E+00 |
| 1625 | 228.707 | 2.12500 | 0.000000E+00 |
| 1626 | -0.500000 | 2.12500 | 0.000000E+00 |
| 1627 | -0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1628 | 0.500000 | 2.12500 | 0.000000E+00 |
| 1629 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1630 | -0.400000 | 0.000000E+00 | 0.000000E+00 |
| 1631 | 0.600000 | 2.12500 | 0.000000E+00 |
| 1632 | -360.409 | 2.12500 | 0.000000E+00 |
| 1633 | -360.409 | 0.000000E+00 | 0.000000E+00 |
| 1634 | -359.409 | 2.12500 | 0.000000E+00 |
| 1635 | 408.210 | 2.12500 | 0.000000E+00 |
| 1636 | 408.210 | -1.17000 | 0.000000E+00 |
| 1637 | 409.308 | 2.12500 | 0.000000E+00 |
| 1638 | -359.809 | 11.2500 | 0.000000E+00 |
| 1639 | -360.809 | 9.12500 | 0.000000E+00 |
| 1640 | 276.287 | 11.2500 | 0.000000E+00 |
| 1641 | 275.287 | 9.12500 | 0.000000E+00 |
| 1642 | 324.877 | 11.2500 | 0.000000E+00 |
| 1643 | 323.877 | 9.12500 | 0.000000E+00 |
| 1644 | -354.947 | 11.2500 | 0.000000E+00 |
| 1645 | -355.947 | 9.12500 | 0.000000E+00 |
| 1646 | -350.086 | 11.2500 | 0.000000E+00 |
| 1647 | -351.086 | 9.12500 | 0.000000E+00 |
| 1648 | -345.224 | 11.2500 | 0.000000E+00 |
| 1649 | -346.224 | 9.12500 | 0.000000E+00 |
| 1650 | -340.362 | 11.2500 | 0.000000E+00 |
| 1651 | -341.362 | 9.12500 | 0.000000E+00 |
| 1652 | -335.500 | 11.2500 | 0.000000E+00 |
| 1653 | -336.500 | 9.12500 | 0.000000E+00 |
| 1654 | -330.639 | 11.2500 | 0.000000E+00 |
| 1655 | -331.639 | 9.12500 | 0.000000E+00 |
| 1656 | -29.7260 | 11.2500 | 0.000000E+00 |
| 1657 | -30.7260 | 9.12500 | 0.000000E+00 |
| 1658 | -25.0050 | 11.2500 | 0.000000E+00 |
| 1659 | -26.0050 | 9.12500 | 0.000000E+00 |
| 1660 | -20.2840 | 11.2500 | 0.000000E+00 |
| 1661 | -21.2840 | 9.12500 | 0.000000E+00 |
| 1662 | -15.5630 | 11.2500 | 0.000000E+00 |
| 1663 | -16.5630 | 9.12500 | 0.000000E+00 |
| 1664 | -10.8420 | 11.2500 | 0.000000E+00 |
| 1665 | -11.8420 | 9.12500 | 0.000000E+00 |
| 1666 | -6.12100 | 11.2500 | 0.000000E+00 |
| 1667 | -7.12100 | 9.12500 | 0.000000E+00 |
| 1668 | 5.22100 | 11.2500 | 0.000000E+00 |
| 1669 | 4.22100 | 9.12500 | 0.000000E+00 |
| 1670 | 9.94200 | 11.2500 | 0.000000E+00 |
| 1671 | 8.94200 | 9.12500 | 0.000000E+00 |
| 1672 | 14.6630 | 11.2500 | 0.000000E+00 |
| 1673 | 13.6630 | 9.12500 | 0.000000E+00 |
| 1674 | 19.3840 | 11.2500 | 0.000000E+00 |
| 1675 | 18.3840 | 9.12500 | 0.000000E+00 |
| 1676 | 24.1050 | 11.2500 | 0.000000E+00 |
| 1677 | 23.1050 | 9.12500 | 0.000000E+00 |
| 1678 | 28.8260 | 11.2500 | 0.000000E+00 |
| 1679 | 27.8260 | 9.12500 | 0.000000E+00 |
| 1680 | -320.918 | 11.2500 | 0.000000E+00 |
| 1681 | -321.918 | 9.12500 | 0.000000E+00 |
| 1682 | -316.059 | 11.2500 | 0.000000E+00 |
| 1683 | -317.059 | 9.12500 | 0.000000E+00 |
| 1684 | -311.200 | 11.2500 | 0.000000E+00 |
| 1685 | -312.200 | 9.12500 | 0.000000E+00 |
| 1686 | -306.341 | 11.2500 | 0.000000E+00 |
| 1687 | -307.341 | 9.12500 | 0.000000E+00 |
| 1688 | -301.482 | 11.2500 | 0.000000E+00 |
| 1689 | -302.482 | 9.12500 | 0.000000E+00 |
| 1690 | -296.623 | 11.2500 | 0.000000E+00 |
| 1691 | -297.623 | 9.12500 | 0.000000E+00 |
| 1692 | -291.764 | 11.2500 | 0.000000E+00 |
| 1693 | -292.764 | 9.12500 | 0.000000E+00 |
| 1694 | -286.905 | 11.2500 | 0.000000E+00 |
| 1695 | -287.905 | 9.12500 | 0.000000E+00 |
| 1696 | -282.046 | 11.2500 | 0.000000E+00 |
| 1697 | -283.046 | 9.12500 | 0.000000E+00 |
| 1698 | -272.329 | 11.2500 | 0.000000E+00 |
| 1699 | -273.329 | 9.12500 | 0.000000E+00 |
| 1700 | -267.471 | 11.2500 | 0.000000E+00 |
| 1701 | -268.471 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1702 | -262.613 | 11.2500 | 0.000000E+00 |
| 1703 | -263.613 | 9.12500 | 0.000000E+00 |
| 1704 | -257.755 | 11.2500 | 0.000000E+00 |
| 1705 | -258.755 | 9.12500 | 0.000000E+00 |
| 1706 | -252.897 | 11.2500 | 0.000000E+00 |
| 1707 | -253.897 | 9.12500 | 0.000000E+00 |
| 1708 | -248.039 | 11.2500 | 0.000000E+00 |
| 1709 | -249.039 | 9.12500 | 0.000000E+00 |
| 1710 | -243.181 | 11.2500 | 0.000000E+00 |
| 1711 | -244.181 | 9.12500 | 0.000000E+00 |
| 1712 | -238.323 | 11.2500 | 0.000000E+00 |
| 1713 | -239.323 | 9.12500 | 0.000000E+00 |
| 1714 | -233.465 | 11.2500 | 0.000000E+00 |
| 1715 | -234.465 | 9.12500 | 0.000000E+00 |
| 1716 | -223.750 | 11.2500 | 0.000000E+00 |
| 1717 | -224.750 | 9.12500 | 0.000000E+00 |
| 1718 | -218.893 | 11.2500 | 0.000000E+00 |
| 1719 | -219.893 | 9.12500 | 0.000000E+00 |
| 1720 | -214.036 | 11.2500 | 0.000000E+00 |
| 1721 | -215.036 | 9.12500 | 0.000000E+00 |
| 1722 | -209.179 | 11.2500 | 0.000000E+00 |
| 1723 | -210.179 | 9.12500 | 0.000000E+00 |
| 1724 | -204.322 | 11.2500 | 0.000000E+00 |
| 1725 | -205.322 | 9.12500 | 0.000000E+00 |
| 1726 | -199.465 | 11.2500 | 0.000000E+00 |
| 1727 | -200.465 | 9.12500 | 0.000000E+00 |
| 1728 | -194.608 | 11.2500 | 0.000000E+00 |
| 1729 | -195.608 | 9.12500 | 0.000000E+00 |
| 1730 | -189.751 | 11.2500 | 0.000000E+00 |
| 1731 | -190.751 | 9.12500 | 0.000000E+00 |
| 1732 | -184.894 | 11.2500 | 0.000000E+00 |
| 1733 | -185.894 | 9.12500 | 0.000000E+00 |
| 1734 | -175.182 | 11.2500 | 0.000000E+00 |
| 1735 | -176.182 | 9.12500 | 0.000000E+00 |
| 1736 | -170.327 | 11.2500 | 0.000000E+00 |
| 1737 | -171.327 | 9.12500 | 0.000000E+00 |
| 1738 | -165.472 | 11.2500 | 0.000000E+00 |
| 1739 | -166.472 | 9.12500 | 0.000000E+00 |
| 1740 | -160.617 | 11.2500 | 0.000000E+00 |
| 1741 | -161.617 | 9.12500 | 0.000000E+00 |
| 1742 | -155.762 | 11.2500 | 0.000000E+00 |
| 1743 | -156.762 | 9.12500 | 0.000000E+00 |
| 1744 | -150.907 | 11.2500 | 0.000000E+00 |
| 1745 | -151.907 | 9.12500 | 0.000000E+00 |
| 1746 | -146.052 | 11.2500 | 0.000000E+00 |
| 1747 | -147.052 | 9.12500 | 0.000000E+00 |
| 1748 | -141.197 | 11.2500 | 0.000000E+00 |
| 1749 | -142.197 | 9.12500 | 0.000000E+00 |
| 1750 | -136.342 | 11.2500 | 0.000000E+00 |
| 1751 | -137.342 | 9.12500 | 0.000000E+00 |
| 1752 | -126.634 | 11.2500 | 0.000000E+00 |
| 1753 | -127.634 | 9.12500 | 0.000000E+00 |
| 1754 | -121.781 | 11.2500 | 0.000000E+00 |
| 1755 | -122.781 | 9.12500 | 0.000000E+00 |
| 1756 | -116.928 | 11.2500 | 0.000000E+00 |
| 1757 | -117.928 | 9.12500 | 0.000000E+00 |
| 1758 | -112.075 | 11.2500 | 0.000000E+00 |
| 1759 | -113.075 | 9.12500 | 0.000000E+00 |
| 1760 | -107.222 | 11.2500 | 0.000000E+00 |
| 1761 | -108.222 | 9.12500 | 0.000000E+00 |
| 1762 | -102.369 | 11.2500 | 0.000000E+00 |
| 1763 | -103.369 | 9.12500 | 0.000000E+00 |
| 1764 | -97.5160 | 11.2500 | 0.000000E+00 |
| 1765 | -98.5160 | 9.12500 | 0.000000E+00 |
| 1766 | -92.6630 | 11.2500 | 0.000000E+00 |
| 1767 | -93.6630 | 9.12500 | 0.000000E+00 |
| 1768 | -87.8100 | 11.2500 | 0.000000E+00 |
| 1769 | -88.8100 | 9.12500 | 0.000000E+00 |
| 1770 | -78.1060 | 11.2500 | 0.000000E+00 |
| 1771 | -79.1060 | 9.12500 | 0.000000E+00 |
| 1772 | -73.2550 | 11.2500 | 0.000000E+00 |
| 1773 | -74.2550 | 9.12500 | 0.000000E+00 |
| 1774 | -68.4040 | 11.2500 | 0.000000E+00 |
| 1775 | -69.4040 | 9.12500 | 0.000000E+00 |
| 1776 | -63.5530 | 11.2500 | 0.000000E+00 |
| 1777 | -64.5530 | 9.12500 | 0.000000E+00 |
| 1778 | -58.7020 | 11.2500 | 0.000000E+00 |
| 1779 | -59.7020 | 9.12500 | 0.000000E+00 |
| 1780 | -53.8510 | 11.2500 | 0.000000E+00 |
| 1781 | -54.8510 | 9.12500 | 0.000000E+00 |
| 1782 | -49.0000 | 11.2500 | 0.000000E+00 |
| 1783 | -50.0000 | 9.12500 | 0.000000E+00 |
| 1784 | -44.1490 | 11.2500 | 0.000000E+00 |
| 1785 | -45.1490 | 9.12500 | 0.000000E+00 |
| 1786 | -39.2980 | 11.2500 | 0.000000E+00 |
| 1787 | -40.2980 | 9.12500 | 0.000000E+00 |
| 1788 | 38.3980 | 11.2500 | 0.000000E+00 |
| 1789 | 37.3980 | 9.12500 | 0.000000E+00 |
| 1790 | 43.2490 | 11.2500 | 0.000000E+00 |
| 1791 | 42.2490 | 9.12500 | 0.000000E+00 |
| 1792 | 48.1000 | 11.2500 | 0.000000E+00 |
| 1793 | 47.1000 | 9.12500 | 0.000000E+00 |
| 1794 | 52.9510 | 11.2500 | 0.000000E+00 |
| 1795 | 51.9510 | 9.12500 | 0.000000E+00 |
| 1796 | 57.8020 | 11.2500 | 0.000000E+00 |
| 1797 | 56.8020 | 9.12500 | 0.000000E+00 |
| 1798 | 62.6530 | 11.2500 | 0.000000E+00 |
| 1799 | 61.6530 | 9.12500 | 0.000000E+00 |
| 1800 | 67.5040 | 11.2500 | 0.000000E+00 |
| 1801 | 66.5040 | 9.12500 | 0.000000E+00 |
| 1802 | 72.3550 | 11.2500 | 0.000000E+00 |
| 1803 | 71.3550 | 9.12500 | 0.000000E+00 |
| 1804 | 77.2060 | 11.2500 | 0.000000E+00 |
| 1805 | 76.2060 | 9.12500 | 0.000000E+00 |
| 1806 | 86.9100 | 11.2500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 1807 | 85.9100 | 9.12500 | 0.000000E+00 |
| 1808 | 91.7630 | 11.2500 | 0.000000E+00 |
| 1809 | 90.7630 | 9.12500 | 0.000000E+00 |
| 1810 | 96.6160 | 11.2500 | 0.000000E+00 |
| 1811 | 95.6160 | 9.12500 | 0.000000E+00 |
| 1812 | 101.469 | 11.2500 | 0.000000E+00 |
| 1813 | 100.469 | 9.12500 | 0.000000E+00 |
| 1814 | 106.322 | 11.2500 | 0.000000E+00 |
| 1815 | 105.322 | 9.12500 | 0.000000E+00 |
| 1816 | 111.175 | 11.2500 | 0.000000E+00 |
| 1817 | 110.175 | 9.12500 | 0.000000E+00 |
| 1818 | 116.028 | 11.2500 | 0.000000E+00 |
| 1819 | 115.028 | 9.12500 | 0.000000E+00 |
| 1820 | 120.881 | 11.2500 | 0.000000E+00 |
| 1821 | 119.881 | 9.12500 | 0.000000E+00 |
| 1822 | 125.734 | 11.2500 | 0.000000E+00 |
| 1823 | 124.734 | 9.12500 | 0.000000E+00 |
| 1824 | 135.442 | 11.2500 | 0.000000E+00 |
| 1825 | 134.442 | 9.12500 | 0.000000E+00 |
| 1826 | 140.297 | 11.2500 | 0.000000E+00 |
| 1827 | 139.297 | 9.12500 | 0.000000E+00 |
| 1828 | 145.152 | 11.2500 | 0.000000E+00 |
| 1829 | 144.152 | 9.12500 | 0.000000E+00 |
| 1830 | 150.007 | 11.2500 | 0.000000E+00 |
| 1831 | 149.007 | 9.12500 | 0.000000E+00 |
| 1832 | 154.862 | 11.2500 | 0.000000E+00 |
| 1833 | 153.862 | 9.12500 | 0.000000E+00 |
| 1834 | 159.717 | 11.2500 | 0.000000E+00 |
| 1835 | 158.717 | 9.12500 | 0.000000E+00 |
| 1836 | 164.572 | 11.2500 | 0.000000E+00 |
| 1837 | 163.572 | 9.12500 | 0.000000E+00 |
| 1838 | 169.427 | 11.2500 | 0.000000E+00 |
| 1839 | 168.427 | 9.12500 | 0.000000E+00 |
| 1840 | 174.282 | 11.2500 | 0.000000E+00 |
| 1841 | 173.282 | 9.12500 | 0.000000E+00 |
| 1842 | 183.994 | 11.2500 | 0.000000E+00 |
| 1843 | 182.994 | 9.12500 | 0.000000E+00 |
| 1844 | 188.851 | 11.2500 | 0.000000E+00 |
| 1845 | 187.851 | 9.12500 | 0.000000E+00 |
| 1846 | 193.708 | 11.2500 | 0.000000E+00 |
| 1847 | 192.708 | 9.12500 | 0.000000E+00 |
| 1848 | 198.565 | 11.2500 | 0.000000E+00 |
| 1849 | 197.565 | 9.12500 | 0.000000E+00 |
| 1850 | 203.422 | 11.2500 | 0.000000E+00 |
| 1851 | 202.422 | 9.12500 | 0.000000E+00 |
| 1852 | 208.279 | 11.2500 | 0.000000E+00 |
| 1853 | 207.279 | 9.12500 | 0.000000E+00 |
| 1854 | 213.136 | 11.2500 | 0.000000E+00 |
| 1855 | 212.136 | 9.12500 | 0.000000E+00 |
| 1856 | 217.993 | 11.2500 | 0.000000E+00 |
| 1857 | 216.993 | 9.12500 | 0.000000E+00 |
| 1858 | 222.850 | 11.2500 | 0.000000E+00 |
| 1859 | 221.850 | 9.12500 | 0.000000E+00 |
| 1860 | 232.565 | 11.2500 | 0.000000E+00 |
| 1861 | 231.565 | 9.12500 | 0.000000E+00 |
| 1862 | 237.423 | 11.2500 | 0.000000E+00 |
| 1863 | 236.423 | 9.12500 | 0.000000E+00 |
| 1864 | 242.281 | 11.2500 | 0.000000E+00 |
| 1865 | 241.281 | 9.12500 | 0.000000E+00 |
| 1866 | 247.139 | 11.2500 | 0.000000E+00 |
| 1867 | 246.139 | 9.12500 | 0.000000E+00 |
| 1868 | 251.997 | 11.2500 | 0.000000E+00 |
| 1869 | 250.997 | 9.12500 | 0.000000E+00 |
| 1870 | 256.855 | 11.2500 | 0.000000E+00 |
| 1871 | 255.855 | 9.12500 | 0.000000E+00 |
| 1872 | 261.713 | 11.2500 | 0.000000E+00 |
| 1873 | 260.713 | 9.12500 | 0.000000E+00 |
| 1874 | 266.571 | 11.2500 | 0.000000E+00 |
| 1875 | 265.571 | 9.12500 | 0.000000E+00 |
| 1876 | 271.429 | 11.2500 | 0.000000E+00 |
| 1877 | 270.429 | 9.12500 | 0.000000E+00 |
| 1878 | 281.146 | 11.2500 | 0.000000E+00 |
| 1879 | 280.146 | 9.12500 | 0.000000E+00 |
| 1880 | 286.005 | 11.2500 | 0.000000E+00 |
| 1881 | 285.005 | 9.12500 | 0.000000E+00 |
| 1882 | 290.864 | 11.2500 | 0.000000E+00 |
| 1883 | 289.864 | 9.12500 | 0.000000E+00 |
| 1884 | 295.723 | 11.2500 | 0.000000E+00 |
| 1885 | 294.723 | 9.12500 | 0.000000E+00 |
| 1886 | 300.582 | 11.2500 | 0.000000E+00 |
| 1887 | 299.582 | 9.12500 | 0.000000E+00 |
| 1888 | 305.441 | 11.2500 | 0.000000E+00 |
| 1889 | 304.441 | 9.12500 | 0.000000E+00 |
| 1890 | 310.300 | 11.2500 | 0.000000E+00 |
| 1891 | 309.300 | 9.12500 | 0.000000E+00 |
| 1892 | 315.159 | 11.2500 | 0.000000E+00 |
| 1893 | 314.159 | 9.12500 | 0.000000E+00 |
| 1894 | 320.018 | 11.2500 | 0.000000E+00 |
| 1895 | 319.018 | 9.12500 | 0.000000E+00 |
| 1896 | 329.747 | 11.2500 | 0.000000E+00 |
| 1897 | 328.747 | 9.12500 | 0.000000E+00 |
| 1898 | 334.617 | 11.2500 | 0.000000E+00 |
| 1899 | 333.617 | 9.12500 | 0.000000E+00 |
| 1900 | 339.487 | 11.2500 | 0.000000E+00 |
| 1901 | 338.487 | 9.12500 | 0.000000E+00 |
| 1902 | 344.357 | 11.2500 | 0.000000E+00 |
| 1903 | 343.357 | 9.12500 | 0.000000E+00 |
| 1904 | 349.227 | 11.2500 | 0.000000E+00 |
| 1905 | 348.227 | 9.12500 | 0.000000E+00 |
| 1906 | 354.098 | 11.2500 | 0.000000E+00 |
| 1907 | 353.098 | 9.12500 | 0.000000E+00 |
| 1908 | 358.968 | 11.2500 | 0.000000E+00 |
| 1909 | 357.968 | 9.12500 | 0.000000E+00 |
| 1910 | 363.838 | 11.2500 | 0.000000E+00 |
| 1911 | 362.838 | 9.12500 | 0.000000E+00 |

| | | | |
|------|-----------|-----------|--------------|
| 1912 | 368.708 | 11.2500 | 0.000000E+00 |
| 1913 | 367.708 | 9.12500 | 0.000000E+00 |
| 1914 | -325.777 | 11.2500 | 0.000000E+00 |
| 1915 | -326.777 | 9.12500 | 0.000000E+00 |
| 1916 | -277.187 | 11.2500 | 0.000000E+00 |
| 1917 | -278.187 | 9.12500 | 0.000000E+00 |
| 1918 | -228.607 | 11.2500 | 0.000000E+00 |
| 1919 | -229.607 | 9.12500 | 0.000000E+00 |
| 1920 | -180.037 | 11.2500 | 0.000000E+00 |
| 1921 | -181.037 | 9.12500 | 0.000000E+00 |
| 1922 | -131.487 | 11.2500 | 0.000000E+00 |
| 1923 | -132.487 | 9.12500 | 0.000000E+00 |
| 1924 | -82.9570 | 11.2500 | 0.000000E+00 |
| 1925 | -83.9570 | 9.12500 | 0.000000E+00 |
| 1926 | -34.4470 | 11.2500 | 0.000000E+00 |
| 1927 | -35.4470 | 9.12500 | 0.000000E+00 |
| 1928 | -1.40000 | 11.2500 | 0.000000E+00 |
| 1929 | -2.40000 | 9.12500 | 0.000000E+00 |
| 1930 | 0.500000 | 11.2500 | 0.000000E+00 |
| 1931 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1932 | 33.5470 | 11.2500 | 0.000000E+00 |
| 1933 | 32.5470 | 9.12500 | 0.000000E+00 |
| 1934 | 82.0570 | 11.2500 | 0.000000E+00 |
| 1935 | 81.0570 | 9.12500 | 0.000000E+00 |
| 1936 | 130.587 | 11.2500 | 0.000000E+00 |
| 1937 | 129.587 | 9.12500 | 0.000000E+00 |
| 1938 | 179.137 | 11.2500 | 0.000000E+00 |
| 1939 | 178.137 | 9.12500 | 0.000000E+00 |
| 1940 | 227.707 | 11.2500 | 0.000000E+00 |
| 1941 | 226.707 | 9.12500 | 0.000000E+00 |
| 1942 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1943 | -0.500000 | 11.2500 | 0.000000E+00 |
| 1944 | -1.50000 | 9.12500 | 0.000000E+00 |
| 1945 | -0.400000 | 9.12500 | 0.000000E+00 |
| 1946 | -0.400000 | 11.2500 | 0.000000E+00 |
| 1947 | -1.40000 | 9.12500 | 0.000000E+00 |
| 1948 | -360.409 | 9.12500 | 0.000000E+00 |
| 1949 | -360.409 | 11.2500 | 0.000000E+00 |
| 1950 | -361.409 | 9.12500 | 0.000000E+00 |
| 1951 | 408.210 | 9.12500 | 0.000000E+00 |
| 1952 | 408.210 | 12.4200 | 0.000000E+00 |
| 1953 | 407.112 | 9.12500 | 0.000000E+00 |
| 1954 | 373.578 | 11.3942 | 0.000000E+00 |
| 1955 | 372.578 | 9.12500 | 0.000000E+00 |
| 1956 | 378.440 | 11.5382 | 0.000000E+00 |
| 1957 | 377.440 | 9.12500 | 0.000000E+00 |
| 1958 | 383.301 | 11.6822 | 0.000000E+00 |
| 1959 | 382.301 | 9.12500 | 0.000000E+00 |
| 1960 | 409.943 | 9.12500 | 0.000000E+00 |
| 1961 | 388.163 | 11.8262 | 0.000000E+00 |
| 1962 | 387.163 | 9.12500 | 0.000000E+00 |
| 1963 | 393.025 | 11.9702 | 0.000000E+00 |
| 1964 | 392.025 | 9.12500 | 0.000000E+00 |
| 1965 | 397.887 | 12.1142 | 0.000000E+00 |
| 1966 | 396.887 | 9.12500 | 0.000000E+00 |
| 1967 | 402.748 | 12.2582 | 0.000000E+00 |
| 1968 | 401.704 | 9.12500 | 0.000000E+00 |
| 1969 | 407.610 | 12.4022 | 0.000000E+00 |
| 1970 | 406.518 | 9.12500 | 0.000000E+00 |
| 1971 | 373.578 | -0.144246 | 0.000000E+00 |
| 1972 | 374.578 | 2.12500 | 0.000000E+00 |
| 1973 | 378.440 | -0.288243 | 0.000000E+00 |
| 1974 | 379.440 | 2.12500 | 0.000000E+00 |
| 1975 | 383.301 | -0.432241 | 0.000000E+00 |
| 1976 | 384.301 | 2.12500 | 0.000000E+00 |
| 1977 | 388.163 | -0.576239 | 0.000000E+00 |
| 1978 | 389.163 | 2.12500 | 0.000000E+00 |
| 1979 | 393.025 | -0.720236 | 0.000000E+00 |
| 1980 | 394.025 | 2.12500 | 0.000000E+00 |
| 1981 | 397.887 | -0.864234 | 0.000000E+00 |
| 1982 | 398.887 | 2.12500 | 0.000000E+00 |
| 1983 | 402.748 | -1.00823 | 0.000000E+00 |
| 1984 | 403.793 | 2.12500 | 0.000000E+00 |
| 1985 | 407.610 | -1.15223 | 0.000000E+00 |
| 1986 | 408.702 | 2.12500 | 0.000000E+00 |
| 1987 | 399.602 | 2.12500 | 0.000000E+00 |
| 1988 | 399.602 | 3.17376 | 0.000000E+00 |
| 1989 | 402.748 | 3.74557 | 0.000000E+00 |
| 1990 | 389.593 | 2.12500 | 0.000000E+00 |
| 1991 | 389.593 | 3.26895 | 0.000000E+00 |
| 1992 | 397.887 | 3.12500 | 0.000000E+00 |
| 1993 | 393.025 | 3.74557 | 0.000000E+00 |
| 1994 | 379.584 | 2.12500 | 0.000000E+00 |
| 1995 | 379.584 | 3.36414 | 0.000000E+00 |
| 1996 | 388.163 | 3.12500 | 0.000000E+00 |
| 1997 | 383.301 | 3.74557 | 0.000000E+00 |
| 1998 | 373.578 | 3.74557 | 0.000000E+00 |
| 1999 | 378.440 | 3.12500 | 0.000000E+00 |
| 2000 | 367.574 | 2.12500 | 0.000000E+00 |
| 2001 | 367.574 | 3.12500 | 0.000000E+00 |
| 2002 | 368.708 | 3.74837 | 0.000000E+00 |
| 2003 | 355.186 | 2.12500 | 0.000000E+00 |
| 2004 | 355.186 | 3.38557 | 0.000000E+00 |
| 2005 | 363.838 | 3.37040 | 0.000000E+00 |
| 2006 | 358.968 | 3.74837 | 0.000000E+00 |
| 2007 | 343.163 | 2.12500 | 0.000000E+00 |
| 2008 | 343.163 | 3.12500 | 0.000000E+00 |
| 2009 | 354.098 | 3.12500 | 0.000000E+00 |
| 2010 | 349.227 | 3.74837 | 0.000000E+00 |
| 2011 | 344.357 | 3.74837 | 0.000000E+00 |
| 2012 | 330.890 | 2.12500 | 0.000000E+00 |
| 2013 | 330.890 | 3.36740 | 0.000000E+00 |
| 2014 | 339.487 | 3.35023 | 0.000000E+00 |
| 2015 | 334.617 | 3.74837 | 0.000000E+00 |
| 2016 | 324.877 | 3.74837 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 2017 | 329.747 | 3.12500 | 0.000000E+00 |
| 2018 | 318.866 | 2.12500 | 0.000000E+00 |
| 2019 | 318.866 | 3.12500 | 0.000000E+00 |
| 2020 | 320.018 | 3.74467 | 0.000000E+00 |
| 2021 | 306.593 | 2.12500 | 0.000000E+00 |
| 2022 | 306.593 | 3.36067 | 0.000000E+00 |
| 2023 | 315.159 | 3.36067 | 0.000000E+00 |
| 2024 | 310.300 | 3.74467 | 0.000000E+00 |
| 2025 | 294.571 | 2.12500 | 0.000000E+00 |
| 2026 | 294.571 | 3.12500 | 0.000000E+00 |
| 2027 | 305.441 | 3.12500 | 0.000000E+00 |
| 2028 | 300.582 | 3.74467 | 0.000000E+00 |
| 2029 | 295.723 | 3.74467 | 0.000000E+00 |
| 2030 | 282.298 | 2.12500 | 0.000000E+00 |
| 2031 | 282.298 | 3.36067 | 0.000000E+00 |
| 2032 | 290.864 | 3.36067 | 0.000000E+00 |
| 2033 | 286.005 | 3.74467 | 0.000000E+00 |
| 2034 | 276.287 | 3.74467 | 0.000000E+00 |
| 2035 | 281.146 | 3.12500 | 0.000000E+00 |
| 2036 | 270.278 | 2.12500 | 0.000000E+00 |
| 2037 | 270.278 | 3.12500 | 0.000000E+00 |
| 2038 | 271.429 | 3.74433 | 0.000000E+00 |
| 2039 | 258.007 | 2.12500 | 0.000000E+00 |
| 2040 | 258.007 | 3.36033 | 0.000000E+00 |
| 2041 | 266.571 | 3.36067 | 0.000000E+00 |
| 2042 | 261.713 | 3.74433 | 0.000000E+00 |
| 2043 | 245.987 | 2.12500 | 0.000000E+00 |
| 2044 | 245.987 | 3.12500 | 0.000000E+00 |
| 2045 | 256.855 | 3.12500 | 0.000000E+00 |
| 2046 | 251.997 | 3.74433 | 0.000000E+00 |
| 2047 | 247.139 | 3.74433 | 0.000000E+00 |
| 2048 | 233.716 | 2.12500 | 0.000000E+00 |
| 2049 | 233.716 | 3.36067 | 0.000000E+00 |
| 2050 | 242.281 | 3.36033 | 0.000000E+00 |
| 2051 | 237.423 | 3.74433 | 0.000000E+00 |
| 2052 | 227.707 | 3.74433 | 0.000000E+00 |
| 2053 | 232.565 | 3.12500 | 0.000000E+00 |
| 2054 | 221.697 | 2.12500 | 0.000000E+00 |
| 2055 | 221.697 | 3.12500 | 0.000000E+00 |
| 2056 | 222.850 | 3.74400 | 0.000000E+00 |
| 2057 | 209.430 | 2.12500 | 0.000000E+00 |
| 2058 | 209.430 | 3.36033 | 0.000000E+00 |
| 2059 | 217.993 | 3.35967 | 0.000000E+00 |
| 2060 | 213.136 | 3.74400 | 0.000000E+00 |
| 2061 | 197.414 | 2.12500 | 0.000000E+00 |
| 2062 | 197.414 | 3.12500 | 0.000000E+00 |
| 2063 | 208.279 | 3.12500 | 0.000000E+00 |
| 2064 | 203.422 | 3.74400 | 0.000000E+00 |
| 2065 | 198.565 | 3.74400 | 0.000000E+00 |
| 2066 | 185.147 | 2.12500 | 0.000000E+00 |
| 2067 | 185.147 | 3.35967 | 0.000000E+00 |
| 2068 | 193.708 | 3.36033 | 0.000000E+00 |
| 2069 | 188.851 | 3.74400 | 0.000000E+00 |
| 2070 | 179.137 | 3.74400 | 0.000000E+00 |
| 2071 | 183.994 | 3.12500 | 0.000000E+00 |
| 2072 | 173.130 | 2.12500 | 0.000000E+00 |
| 2073 | 173.130 | 3.12500 | 0.000000E+00 |
| 2074 | 174.282 | 3.74333 | 0.000000E+00 |
| 2075 | 160.868 | 2.12500 | 0.000000E+00 |
| 2076 | 160.868 | 3.35967 | 0.000000E+00 |
| 2077 | 169.427 | 3.35933 | 0.000000E+00 |
| 2078 | 164.572 | 3.74333 | 0.000000E+00 |
| 2079 | 148.856 | 2.12500 | 0.000000E+00 |
| 2080 | 148.856 | 3.12500 | 0.000000E+00 |
| 2081 | 159.717 | 3.12500 | 0.000000E+00 |
| 2082 | 154.862 | 3.74333 | 0.000000E+00 |
| 2083 | 150.007 | 3.74333 | 0.000000E+00 |
| 2084 | 136.594 | 2.12500 | 0.000000E+00 |
| 2085 | 136.594 | 3.35933 | 0.000000E+00 |
| 2086 | 145.152 | 3.35967 | 0.000000E+00 |
| 2087 | 140.297 | 3.74333 | 0.000000E+00 |
| 2088 | 130.587 | 3.74333 | 0.000000E+00 |
| 2089 | 135.442 | 3.12500 | 0.000000E+00 |
| 2090 | 124.582 | 2.12500 | 0.000000E+00 |
| 2091 | 124.582 | 3.12500 | 0.000000E+00 |
| 2092 | 125.734 | 3.74267 | 0.000000E+00 |
| 2093 | 112.325 | 2.12500 | 0.000000E+00 |
| 2094 | 112.325 | 3.35933 | 0.000000E+00 |
| 2095 | 120.881 | 3.35867 | 0.000000E+00 |
| 2096 | 116.028 | 3.74267 | 0.000000E+00 |
| 2097 | 100.318 | 2.12500 | 0.000000E+00 |
| 2098 | 100.318 | 3.12500 | 0.000000E+00 |
| 2099 | 111.175 | 3.12500 | 0.000000E+00 |
| 2100 | 106.322 | 3.74267 | 0.000000E+00 |
| 2101 | 101.469 | 3.74267 | 0.000000E+00 |
| 2102 | 88.0610 | 2.12500 | 0.000000E+00 |
| 2103 | 88.0610 | 3.35900 | 0.000000E+00 |
| 2104 | 96.6160 | 3.35900 | 0.000000E+00 |
| 2105 | 91.7630 | 3.74267 | 0.000000E+00 |
| 2106 | 82.0570 | 3.74267 | 0.000000E+00 |
| 2107 | 86.9100 | 3.12500 | 0.000000E+00 |
| 2108 | 76.0550 | 2.12500 | 0.000000E+00 |
| 2109 | 76.0550 | 3.12500 | 0.000000E+00 |
| 2110 | 77.2060 | 3.74200 | 0.000000E+00 |
| 2111 | 63.8030 | 2.12500 | 0.000000E+00 |
| 2112 | 63.8030 | 3.35867 | 0.000000E+00 |
| 2113 | 72.3550 | 3.35833 | 0.000000E+00 |
| 2114 | 67.5040 | 3.74200 | 0.000000E+00 |
| 2115 | 51.8010 | 2.12500 | 0.000000E+00 |
| 2116 | 51.8010 | 3.12500 | 0.000000E+00 |
| 2117 | 62.6530 | 3.12500 | 0.000000E+00 |
| 2118 | 57.8020 | 3.74200 | 0.000000E+00 |
| 2119 | 52.9510 | 3.74200 | 0.000000E+00 |
| 2120 | 39.5490 | 2.12500 | 0.000000E+00 |
| 2121 | 39.5490 | 3.35833 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2122 | 48.1000 | 3.35867 | 0.000000E+00 |
| 2123 | 43.2490 | 3.74200 | 0.000000E+00 |
| 2124 | 33.5470 | 3.74200 | 0.000000E+00 |
| 2125 | 38.3980 | 3.12500 | 0.000000E+00 |
| 2126 | 27.5470 | 2.12500 | 0.000000E+00 |
| 2127 | 27.5470 | 3.12500 | 0.000000E+00 |
| 2128 | 28.8260 | 3.69867 | 0.000000E+00 |
| 2129 | 17.5480 | 2.12500 | 0.000000E+00 |
| 2130 | 17.5480 | 3.12500 | 0.000000E+00 |
| 2131 | 24.1050 | 3.27233 | 0.000000E+00 |
| 2132 | 19.3840 | 3.69867 | 0.000000E+00 |
| 2133 | 7.54900 | 2.12500 | 0.000000E+00 |
| 2134 | 7.54900 | 3.12500 | 0.000000E+00 |
| 2135 | 14.6630 | 3.12500 | 0.000000E+00 |
| 2136 | 9.94200 | 3.69867 | 0.000000E+00 |
| 2137 | 0.500000 | 3.69867 | 0.000000E+00 |
| 2138 | 5.22100 | 3.12500 | 0.000000E+00 |
| 2139 | -8.44900 | 2.12500 | 0.000000E+00 |
| 2140 | -8.44900 | 3.12500 | 0.000000E+00 |
| 2141 | -6.12100 | 3.69867 | 0.000000E+00 |
| 2142 | -18.4480 | 2.12500 | 0.000000E+00 |
| 2143 | -18.4480 | 3.12500 | 0.000000E+00 |
| 2144 | -10.8420 | 3.12500 | 0.000000E+00 |
| 2145 | -15.5630 | 3.69867 | 0.000000E+00 |
| 2146 | -28.4470 | 2.12500 | 0.000000E+00 |
| 2147 | -28.4470 | 3.27233 | 0.000000E+00 |
| 2148 | -20.2840 | 3.12500 | 0.000000E+00 |
| 2149 | -25.0050 | 3.69867 | 0.000000E+00 |
| 2150 | -34.4470 | 3.69867 | 0.000000E+00 |
| 2151 | -29.7260 | 3.12500 | 0.000000E+00 |
| 2152 | -40.4490 | 2.12500 | 0.000000E+00 |
| 2153 | -40.4490 | 3.12500 | 0.000000E+00 |
| 2154 | -39.2980 | 3.74200 | 0.000000E+00 |
| 2155 | -52.7010 | 2.12500 | 0.000000E+00 |
| 2156 | -52.7010 | 3.35867 | 0.000000E+00 |
| 2157 | -44.1490 | 3.35833 | 0.000000E+00 |
| 2158 | -49.0000 | 3.74200 | 0.000000E+00 |
| 2159 | -64.7030 | 2.12500 | 0.000000E+00 |
| 2160 | -64.7030 | 3.12500 | 0.000000E+00 |
| 2161 | -53.8510 | 3.12500 | 0.000000E+00 |
| 2162 | -58.7020 | 3.74200 | 0.000000E+00 |
| 2163 | -63.5530 | 3.74200 | 0.000000E+00 |
| 2164 | -76.9550 | 2.12500 | 0.000000E+00 |
| 2165 | -76.9550 | 3.35833 | 0.000000E+00 |
| 2166 | -68.4040 | 3.35867 | 0.000000E+00 |
| 2167 | -73.2550 | 3.74200 | 0.000000E+00 |
| 2168 | -82.9570 | 3.74200 | 0.000000E+00 |
| 2169 | -78.1060 | 3.12500 | 0.000000E+00 |
| 2170 | -88.9610 | 2.12500 | 0.000000E+00 |
| 2171 | -88.9610 | 3.12500 | 0.000000E+00 |
| 2172 | -87.8100 | 3.74267 | 0.000000E+00 |
| 2173 | -101.218 | 2.12500 | 0.000000E+00 |
| 2174 | -101.218 | 3.35900 | 0.000000E+00 |
| 2175 | -92.6630 | 3.35900 | 0.000000E+00 |
| 2176 | -97.5160 | 3.74267 | 0.000000E+00 |
| 2177 | -113.225 | 2.12500 | 0.000000E+00 |
| 2178 | -113.225 | 3.12500 | 0.000000E+00 |
| 2179 | -102.369 | 3.12500 | 0.000000E+00 |
| 2180 | -107.222 | 3.74267 | 0.000000E+00 |
| 2181 | -112.075 | 3.74267 | 0.000000E+00 |
| 2182 | -125.482 | 2.12500 | 0.000000E+00 |
| 2183 | -125.482 | 3.35867 | 0.000000E+00 |
| 2184 | -116.928 | 3.35933 | 0.000000E+00 |
| 2185 | -121.781 | 3.74267 | 0.000000E+00 |
| 2186 | -131.487 | 3.74267 | 0.000000E+00 |
| 2187 | -126.634 | 3.12500 | 0.000000E+00 |
| 2188 | -137.494 | 2.12500 | 0.000000E+00 |
| 2189 | -137.494 | 3.12500 | 0.000000E+00 |
| 2190 | -136.342 | 3.74333 | 0.000000E+00 |
| 2191 | -149.756 | 2.12500 | 0.000000E+00 |
| 2192 | -149.756 | 3.35967 | 0.000000E+00 |
| 2193 | -141.197 | 3.35933 | 0.000000E+00 |
| 2194 | -146.052 | 3.74333 | 0.000000E+00 |
| 2195 | -161.768 | 2.12500 | 0.000000E+00 |
| 2196 | -161.768 | 3.12500 | 0.000000E+00 |
| 2197 | -150.907 | 3.12500 | 0.000000E+00 |
| 2198 | -155.762 | 3.74333 | 0.000000E+00 |
| 2199 | -160.617 | 3.74333 | 0.000000E+00 |
| 2200 | -174.030 | 2.12500 | 0.000000E+00 |
| 2201 | -174.030 | 3.35933 | 0.000000E+00 |
| 2202 | -165.472 | 3.35967 | 0.000000E+00 |
| 2203 | -170.327 | 3.74333 | 0.000000E+00 |
| 2204 | -180.037 | 3.74333 | 0.000000E+00 |
| 2205 | -175.182 | 3.12500 | 0.000000E+00 |
| 2206 | -186.047 | 2.12500 | 0.000000E+00 |
| 2207 | -186.047 | 3.12500 | 0.000000E+00 |
| 2208 | -184.894 | 3.74400 | 0.000000E+00 |
| 2209 | -198.314 | 2.12500 | 0.000000E+00 |
| 2210 | -198.314 | 3.36033 | 0.000000E+00 |
| 2211 | -189.751 | 3.35967 | 0.000000E+00 |
| 2212 | -194.608 | 3.74400 | 0.000000E+00 |
| 2213 | -210.330 | 2.12500 | 0.000000E+00 |
| 2214 | -210.330 | 3.12500 | 0.000000E+00 |
| 2215 | -199.465 | 3.12500 | 0.000000E+00 |
| 2216 | -204.322 | 3.74400 | 0.000000E+00 |
| 2217 | -209.179 | 3.74400 | 0.000000E+00 |
| 2218 | -222.597 | 2.12500 | 0.000000E+00 |
| 2219 | -222.597 | 3.35967 | 0.000000E+00 |
| 2220 | -214.036 | 3.36033 | 0.000000E+00 |
| 2221 | -218.893 | 3.74400 | 0.000000E+00 |
| 2222 | -228.607 | 3.74400 | 0.000000E+00 |
| 2223 | -223.750 | 3.12500 | 0.000000E+00 |
| 2224 | -234.616 | 2.12500 | 0.000000E+00 |
| 2225 | -234.616 | 3.12500 | 0.000000E+00 |
| 2226 | -233.465 | 3.74433 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2227 | -246.887 | 2.12500 | 0.000000E+00 |
| 2228 | -246.887 | 3.36033 | 0.000000E+00 |
| 2229 | -238.323 | 3.36067 | 0.000000E+00 |
| 2230 | -243.181 | 3.74433 | 0.000000E+00 |
| 2231 | -258.907 | 2.12500 | 0.000000E+00 |
| 2232 | -258.907 | 3.12500 | 0.000000E+00 |
| 2233 | -248.039 | 3.12500 | 0.000000E+00 |
| 2234 | -252.897 | 3.74433 | 0.000000E+00 |
| 2235 | -257.755 | 3.74433 | 0.000000E+00 |
| 2236 | -271.178 | 2.12500 | 0.000000E+00 |
| 2237 | -271.178 | 3.36067 | 0.000000E+00 |
| 2238 | -262.613 | 3.36033 | 0.000000E+00 |
| 2239 | -267.471 | 3.74433 | 0.000000E+00 |
| 2240 | -277.187 | 3.74433 | 0.000000E+00 |
| 2241 | -272.329 | 3.12500 | 0.000000E+00 |
| 2242 | -283.198 | 2.12500 | 0.000000E+00 |
| 2243 | -283.198 | 3.12500 | 0.000000E+00 |
| 2244 | -282.046 | 3.74467 | 0.000000E+00 |
| 2245 | -295.471 | 2.12500 | 0.000000E+00 |
| 2246 | -295.471 | 3.36067 | 0.000000E+00 |
| 2247 | -286.905 | 3.36067 | 0.000000E+00 |
| 2248 | -291.764 | 3.74467 | 0.000000E+00 |
| 2249 | -307.493 | 2.12500 | 0.000000E+00 |
| 2250 | -307.493 | 3.12500 | 0.000000E+00 |
| 2251 | -296.623 | 3.12500 | 0.000000E+00 |
| 2252 | -301.482 | 3.74467 | 0.000000E+00 |
| 2253 | -306.341 | 3.74467 | 0.000000E+00 |
| 2254 | -319.766 | 2.12500 | 0.000000E+00 |
| 2255 | -319.766 | 3.36067 | 0.000000E+00 |
| 2256 | -311.200 | 3.36067 | 0.000000E+00 |
| 2257 | -316.059 | 3.74467 | 0.000000E+00 |
| 2258 | -325.777 | 3.74467 | 0.000000E+00 |
| 2259 | -320.918 | 3.12500 | 0.000000E+00 |
| 2260 | -331.783 | 2.12500 | 0.000000E+00 |
| 2261 | -331.783 | 3.12500 | 0.000000E+00 |
| 2262 | -330.639 | 3.74557 | 0.000000E+00 |
| 2263 | -341.792 | 2.12500 | 0.000000E+00 |
| 2264 | -341.792 | 3.12500 | 0.000000E+00 |
| 2265 | -335.500 | 3.36414 | 0.000000E+00 |
| 2266 | -340.362 | 3.74557 | 0.000000E+00 |
| 2267 | -351.801 | 2.12500 | 0.000000E+00 |
| 2268 | -351.801 | 3.12500 | 0.000000E+00 |
| 2269 | -345.224 | 3.26895 | 0.000000E+00 |
| 2270 | -350.086 | 3.74557 | 0.000000E+00 |
| 2271 | -359.809 | 3.74557 | 0.000000E+00 |
| 2272 | -354.947 | 3.17376 | 0.000000E+00 |
| 2273 | -360.409 | 3.12500 | 0.000000E+00 |
| 2274 | -1.40000 | 3.12500 | 0.000000E+00 |
| 2275 | -0.400000 | 3.12500 | 0.000000E+00 |
| 2276 | 407.610 | 3.12500 | 0.000000E+00 |
| 2277 | 399.602 | 9.12500 | 0.000000E+00 |
| 2278 | 399.602 | 10.1738 | 0.000000E+00 |
| 2279 | 402.748 | 10.7456 | 0.000000E+00 |
| 2280 | 389.593 | 9.12500 | 0.000000E+00 |
| 2281 | 389.593 | 10.2690 | 0.000000E+00 |
| 2282 | 397.887 | 10.1250 | 0.000000E+00 |
| 2283 | 393.025 | 10.7456 | 0.000000E+00 |
| 2284 | 379.584 | 9.12500 | 0.000000E+00 |
| 2285 | 379.584 | 10.3641 | 0.000000E+00 |
| 2286 | 388.163 | 10.1250 | 0.000000E+00 |
| 2287 | 383.301 | 10.7456 | 0.000000E+00 |
| 2288 | 373.578 | 10.7456 | 0.000000E+00 |
| 2289 | 378.440 | 10.1250 | 0.000000E+00 |
| 2290 | 367.574 | 9.12500 | 0.000000E+00 |
| 2291 | 367.574 | 10.1250 | 0.000000E+00 |
| 2292 | 368.708 | 10.7484 | 0.000000E+00 |
| 2293 | 355.186 | 9.12500 | 0.000000E+00 |
| 2294 | 355.186 | 10.3856 | 0.000000E+00 |
| 2295 | 363.838 | 10.3704 | 0.000000E+00 |
| 2296 | 358.968 | 10.7484 | 0.000000E+00 |
| 2297 | 343.163 | 9.12500 | 0.000000E+00 |
| 2298 | 343.163 | 10.1250 | 0.000000E+00 |
| 2299 | 354.098 | 10.1250 | 0.000000E+00 |
| 2300 | 349.227 | 10.7484 | 0.000000E+00 |
| 2301 | 344.357 | 10.7484 | 0.000000E+00 |
| 2302 | 330.890 | 9.12500 | 0.000000E+00 |
| 2303 | 330.890 | 10.3674 | 0.000000E+00 |
| 2304 | 339.487 | 10.3502 | 0.000000E+00 |
| 2305 | 334.617 | 10.7484 | 0.000000E+00 |
| 2306 | 324.877 | 10.7484 | 0.000000E+00 |
| 2307 | 329.747 | 10.1250 | 0.000000E+00 |
| 2308 | 318.866 | 9.12500 | 0.000000E+00 |
| 2309 | 318.866 | 10.1250 | 0.000000E+00 |
| 2310 | 320.018 | 10.7447 | 0.000000E+00 |
| 2311 | 306.593 | 9.12500 | 0.000000E+00 |
| 2312 | 306.593 | 10.3607 | 0.000000E+00 |
| 2313 | 315.159 | 10.3607 | 0.000000E+00 |
| 2314 | 310.300 | 10.7447 | 0.000000E+00 |
| 2315 | 294.571 | 9.12500 | 0.000000E+00 |
| 2316 | 294.571 | 10.1250 | 0.000000E+00 |
| 2317 | 305.441 | 10.1250 | 0.000000E+00 |
| 2318 | 300.582 | 10.7447 | 0.000000E+00 |
| 2319 | 295.723 | 10.7447 | 0.000000E+00 |
| 2320 | 282.298 | 9.12500 | 0.000000E+00 |
| 2321 | 282.298 | 10.3607 | 0.000000E+00 |
| 2322 | 290.864 | 10.3607 | 0.000000E+00 |
| 2323 | 286.005 | 10.7447 | 0.000000E+00 |
| 2324 | 276.287 | 10.7447 | 0.000000E+00 |
| 2325 | 281.146 | 10.1250 | 0.000000E+00 |
| 2326 | 270.278 | 9.12500 | 0.000000E+00 |
| 2327 | 270.278 | 10.1250 | 0.000000E+00 |
| 2328 | 271.429 | 10.7443 | 0.000000E+00 |
| 2329 | 258.007 | 9.12500 | 0.000000E+00 |
| 2330 | 258.007 | 10.3603 | 0.000000E+00 |
| 2331 | 266.571 | 10.3607 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2332 | 261.713 | 10.7443 | 0.000000E+00 |
| 2333 | 245.987 | 9.12500 | 0.000000E+00 |
| 2334 | 245.987 | 10.1250 | 0.000000E+00 |
| 2335 | 256.855 | 10.1250 | 0.000000E+00 |
| 2336 | 251.997 | 10.7443 | 0.000000E+00 |
| 2337 | 247.139 | 10.7443 | 0.000000E+00 |
| 2338 | 233.716 | 9.12500 | 0.000000E+00 |
| 2339 | 233.716 | 10.3607 | 0.000000E+00 |
| 2340 | 242.281 | 10.3603 | 0.000000E+00 |
| 2341 | 237.423 | 10.7443 | 0.000000E+00 |
| 2342 | 227.707 | 10.7443 | 0.000000E+00 |
| 2343 | 232.565 | 10.1250 | 0.000000E+00 |
| 2344 | 221.697 | 9.12500 | 0.000000E+00 |
| 2345 | 221.697 | 10.1250 | 0.000000E+00 |
| 2346 | 222.850 | 10.7440 | 0.000000E+00 |
| 2347 | 209.430 | 9.12500 | 0.000000E+00 |
| 2348 | 209.430 | 10.3603 | 0.000000E+00 |
| 2349 | 217.993 | 10.3597 | 0.000000E+00 |
| 2350 | 213.136 | 10.7440 | 0.000000E+00 |
| 2351 | 197.414 | 9.12500 | 0.000000E+00 |
| 2352 | 197.414 | 10.1250 | 0.000000E+00 |
| 2353 | 208.279 | 10.1250 | 0.000000E+00 |
| 2354 | 203.422 | 10.7440 | 0.000000E+00 |
| 2355 | 198.565 | 10.7440 | 0.000000E+00 |
| 2356 | 185.147 | 9.12500 | 0.000000E+00 |
| 2357 | 185.147 | 10.3597 | 0.000000E+00 |
| 2358 | 193.708 | 10.3603 | 0.000000E+00 |
| 2359 | 188.851 | 10.7440 | 0.000000E+00 |
| 2360 | 179.137 | 10.7440 | 0.000000E+00 |
| 2361 | 183.994 | 10.1250 | 0.000000E+00 |
| 2362 | 173.130 | 9.12500 | 0.000000E+00 |
| 2363 | 173.130 | 10.1250 | 0.000000E+00 |
| 2364 | 174.282 | 10.7433 | 0.000000E+00 |
| 2365 | 160.868 | 9.12500 | 0.000000E+00 |
| 2366 | 160.868 | 10.3597 | 0.000000E+00 |
| 2367 | 169.427 | 10.3593 | 0.000000E+00 |
| 2368 | 164.572 | 10.7433 | 0.000000E+00 |
| 2369 | 148.856 | 9.12500 | 0.000000E+00 |
| 2370 | 148.856 | 10.1250 | 0.000000E+00 |
| 2371 | 159.717 | 10.1250 | 0.000000E+00 |
| 2372 | 154.862 | 10.7433 | 0.000000E+00 |
| 2373 | 150.007 | 10.7433 | 0.000000E+00 |
| 2374 | 136.594 | 9.12500 | 0.000000E+00 |
| 2375 | 136.594 | 10.3593 | 0.000000E+00 |
| 2376 | 145.152 | 10.3597 | 0.000000E+00 |
| 2377 | 140.297 | 10.7433 | 0.000000E+00 |
| 2378 | 130.587 | 10.7433 | 0.000000E+00 |
| 2379 | 135.442 | 10.1250 | 0.000000E+00 |
| 2380 | 124.582 | 9.12500 | 0.000000E+00 |
| 2381 | 124.582 | 10.1250 | 0.000000E+00 |
| 2382 | 125.734 | 10.7427 | 0.000000E+00 |
| 2383 | 112.325 | 9.12500 | 0.000000E+00 |
| 2384 | 112.325 | 10.3593 | 0.000000E+00 |
| 2385 | 120.881 | 10.3587 | 0.000000E+00 |
| 2386 | 116.028 | 10.7427 | 0.000000E+00 |
| 2387 | 100.318 | 9.12500 | 0.000000E+00 |
| 2388 | 100.318 | 10.1250 | 0.000000E+00 |
| 2389 | 111.175 | 10.1250 | 0.000000E+00 |
| 2390 | 106.322 | 10.7427 | 0.000000E+00 |
| 2391 | 101.469 | 10.7427 | 0.000000E+00 |
| 2392 | 88.0610 | 9.12500 | 0.000000E+00 |
| 2393 | 88.0610 | 10.3590 | 0.000000E+00 |
| 2394 | 96.6160 | 10.3590 | 0.000000E+00 |
| 2395 | 91.7630 | 10.7427 | 0.000000E+00 |
| 2396 | 82.0570 | 10.7427 | 0.000000E+00 |
| 2397 | 86.9100 | 10.1250 | 0.000000E+00 |
| 2398 | 76.0550 | 9.12500 | 0.000000E+00 |
| 2399 | 76.0550 | 10.1250 | 0.000000E+00 |
| 2400 | 77.2060 | 10.7420 | 0.000000E+00 |
| 2401 | 63.8030 | 9.12500 | 0.000000E+00 |
| 2402 | 63.8030 | 10.3587 | 0.000000E+00 |
| 2403 | 72.3550 | 10.3583 | 0.000000E+00 |
| 2404 | 67.5040 | 10.7420 | 0.000000E+00 |
| 2405 | 51.8010 | 9.12500 | 0.000000E+00 |
| 2406 | 51.8010 | 10.1250 | 0.000000E+00 |
| 2407 | 62.6530 | 10.1250 | 0.000000E+00 |
| 2408 | 57.8020 | 10.7420 | 0.000000E+00 |
| 2409 | 52.9510 | 10.7420 | 0.000000E+00 |
| 2410 | 39.5490 | 9.12500 | 0.000000E+00 |
| 2411 | 39.5490 | 10.3583 | 0.000000E+00 |
| 2412 | 48.1000 | 10.3587 | 0.000000E+00 |
| 2413 | 43.2490 | 10.7420 | 0.000000E+00 |
| 2414 | 33.5470 | 10.7420 | 0.000000E+00 |
| 2415 | 38.3980 | 10.1250 | 0.000000E+00 |
| 2416 | 27.5470 | 9.12500 | 0.000000E+00 |
| 2417 | 27.5470 | 10.1250 | 0.000000E+00 |
| 2418 | 28.8260 | 10.6987 | 0.000000E+00 |
| 2419 | 17.5480 | 9.12500 | 0.000000E+00 |
| 2420 | 17.5480 | 10.1250 | 0.000000E+00 |
| 2421 | 24.1050 | 10.2723 | 0.000000E+00 |
| 2422 | 19.3840 | 10.6987 | 0.000000E+00 |
| 2423 | 7.54900 | 9.12500 | 0.000000E+00 |
| 2424 | 7.54900 | 10.1250 | 0.000000E+00 |
| 2425 | 14.6630 | 10.1250 | 0.000000E+00 |
| 2426 | 9.94200 | 10.6987 | 0.000000E+00 |
| 2427 | 0.500000 | 10.6987 | 0.000000E+00 |
| 2428 | 5.22100 | 10.1250 | 0.000000E+00 |
| 2429 | -8.44900 | 9.12500 | 0.000000E+00 |
| 2430 | -8.44900 | 10.1250 | 0.000000E+00 |
| 2431 | -6.12100 | 10.6987 | 0.000000E+00 |
| 2432 | -18.4480 | 9.12500 | 0.000000E+00 |
| 2433 | -18.4480 | 10.1250 | 0.000000E+00 |
| 2434 | -10.8420 | 10.1250 | 0.000000E+00 |
| 2435 | -15.5630 | 10.6987 | 0.000000E+00 |
| 2436 | -28.4470 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2437 | -28.4470 | 10.2723 | 0.000000E+00 |
| 2438 | -20.2840 | 10.1250 | 0.000000E+00 |
| 2439 | -25.0050 | 10.6987 | 0.000000E+00 |
| 2440 | -34.4470 | 10.6987 | 0.000000E+00 |
| 2441 | -29.7260 | 10.1250 | 0.000000E+00 |
| 2442 | -40.4490 | 9.12500 | 0.000000E+00 |
| 2443 | -40.4490 | 10.1250 | 0.000000E+00 |
| 2444 | -39.2980 | 10.7420 | 0.000000E+00 |
| 2445 | -52.7010 | 9.12500 | 0.000000E+00 |
| 2446 | -52.7010 | 10.3587 | 0.000000E+00 |
| 2447 | -44.1490 | 10.3583 | 0.000000E+00 |
| 2448 | -49.0000 | 10.7420 | 0.000000E+00 |
| 2449 | -64.7030 | 9.12500 | 0.000000E+00 |
| 2450 | -64.7030 | 10.1250 | 0.000000E+00 |
| 2451 | -53.8510 | 10.1250 | 0.000000E+00 |
| 2452 | -58.7020 | 10.7420 | 0.000000E+00 |
| 2453 | -63.5530 | 10.7420 | 0.000000E+00 |
| 2454 | -76.9550 | 9.12500 | 0.000000E+00 |
| 2455 | -76.9550 | 10.3583 | 0.000000E+00 |
| 2456 | -68.4040 | 10.3587 | 0.000000E+00 |
| 2457 | -73.2550 | 10.7420 | 0.000000E+00 |
| 2458 | -82.9570 | 10.7420 | 0.000000E+00 |
| 2459 | -78.1060 | 10.1250 | 0.000000E+00 |
| 2460 | -88.9610 | 9.12500 | 0.000000E+00 |
| 2461 | -88.9610 | 10.1250 | 0.000000E+00 |
| 2462 | -87.8100 | 10.7427 | 0.000000E+00 |
| 2463 | -101.218 | 9.12500 | 0.000000E+00 |
| 2464 | -101.218 | 10.3590 | 0.000000E+00 |
| 2465 | -92.6630 | 10.3590 | 0.000000E+00 |
| 2466 | -97.5160 | 10.7427 | 0.000000E+00 |
| 2467 | -113.225 | 9.12500 | 0.000000E+00 |
| 2468 | -113.225 | 10.1250 | 0.000000E+00 |
| 2469 | -102.369 | 10.1250 | 0.000000E+00 |
| 2470 | -107.222 | 10.7427 | 0.000000E+00 |
| 2471 | -112.075 | 10.7427 | 0.000000E+00 |
| 2472 | -125.482 | 9.12500 | 0.000000E+00 |
| 2473 | -125.482 | 10.3587 | 0.000000E+00 |
| 2474 | -116.928 | 10.3593 | 0.000000E+00 |
| 2475 | -121.781 | 10.7427 | 0.000000E+00 |
| 2476 | -131.487 | 10.7427 | 0.000000E+00 |
| 2477 | -126.634 | 10.1250 | 0.000000E+00 |
| 2478 | -137.494 | 9.12500 | 0.000000E+00 |
| 2479 | -137.494 | 10.1250 | 0.000000E+00 |
| 2480 | -136.342 | 10.7433 | 0.000000E+00 |
| 2481 | -149.756 | 9.12500 | 0.000000E+00 |
| 2482 | -149.756 | 10.3597 | 0.000000E+00 |
| 2483 | -141.197 | 10.3593 | 0.000000E+00 |
| 2484 | -146.052 | 10.7433 | 0.000000E+00 |
| 2485 | -161.768 | 9.12500 | 0.000000E+00 |
| 2486 | -161.768 | 10.1250 | 0.000000E+00 |
| 2487 | -150.907 | 10.1250 | 0.000000E+00 |
| 2488 | -155.762 | 10.7433 | 0.000000E+00 |
| 2489 | -160.617 | 10.7433 | 0.000000E+00 |
| 2490 | -174.030 | 9.12500 | 0.000000E+00 |
| 2491 | -174.030 | 10.3593 | 0.000000E+00 |
| 2492 | -165.472 | 10.3597 | 0.000000E+00 |
| 2493 | -170.327 | 10.7433 | 0.000000E+00 |
| 2494 | -180.037 | 10.7433 | 0.000000E+00 |
| 2495 | -175.182 | 10.1250 | 0.000000E+00 |
| 2496 | -186.047 | 9.12500 | 0.000000E+00 |
| 2497 | -186.047 | 10.1250 | 0.000000E+00 |
| 2498 | -184.894 | 10.7440 | 0.000000E+00 |
| 2499 | -198.314 | 9.12500 | 0.000000E+00 |
| 2500 | -198.314 | 10.3603 | 0.000000E+00 |
| 2501 | -189.751 | 10.3597 | 0.000000E+00 |
| 2502 | -194.608 | 10.7440 | 0.000000E+00 |
| 2503 | -210.330 | 9.12500 | 0.000000E+00 |
| 2504 | -210.330 | 10.1250 | 0.000000E+00 |
| 2505 | -199.465 | 10.1250 | 0.000000E+00 |
| 2506 | -204.322 | 10.7440 | 0.000000E+00 |
| 2507 | -209.179 | 10.7440 | 0.000000E+00 |
| 2508 | -222.597 | 9.12500 | 0.000000E+00 |
| 2509 | -222.597 | 10.3597 | 0.000000E+00 |
| 2510 | -214.036 | 10.3603 | 0.000000E+00 |
| 2511 | -218.893 | 10.7440 | 0.000000E+00 |
| 2512 | -228.607 | 10.7440 | 0.000000E+00 |
| 2513 | -223.750 | 10.1250 | 0.000000E+00 |
| 2514 | -234.616 | 9.12500 | 0.000000E+00 |
| 2515 | -234.616 | 10.1250 | 0.000000E+00 |
| 2516 | -233.465 | 10.7443 | 0.000000E+00 |
| 2517 | -246.887 | 9.12500 | 0.000000E+00 |
| 2518 | -246.887 | 10.3603 | 0.000000E+00 |
| 2519 | -238.323 | 10.3607 | 0.000000E+00 |
| 2520 | -243.181 | 10.7443 | 0.000000E+00 |
| 2521 | -258.907 | 9.12500 | 0.000000E+00 |
| 2522 | -258.907 | 10.1250 | 0.000000E+00 |
| 2523 | -248.039 | 10.1250 | 0.000000E+00 |
| 2524 | -252.897 | 10.7443 | 0.000000E+00 |
| 2525 | -257.755 | 10.7443 | 0.000000E+00 |
| 2526 | -271.178 | 9.12500 | 0.000000E+00 |
| 2527 | -271.178 | 10.3607 | 0.000000E+00 |
| 2528 | -262.613 | 10.3603 | 0.000000E+00 |
| 2529 | -267.471 | 10.7443 | 0.000000E+00 |
| 2530 | -277.187 | 10.7443 | 0.000000E+00 |
| 2531 | -272.329 | 10.1250 | 0.000000E+00 |
| 2532 | -283.198 | 9.12500 | 0.000000E+00 |
| 2533 | -283.198 | 10.1250 | 0.000000E+00 |
| 2534 | -282.046 | 10.7447 | 0.000000E+00 |
| 2535 | -295.471 | 9.12500 | 0.000000E+00 |
| 2536 | -295.471 | 10.3607 | 0.000000E+00 |
| 2537 | -286.905 | 10.3607 | 0.000000E+00 |
| 2538 | -291.764 | 10.7447 | 0.000000E+00 |
| 2539 | -307.493 | 9.12500 | 0.000000E+00 |
| 2540 | -307.493 | 10.1250 | 0.000000E+00 |
| 2541 | -296.623 | 10.1250 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2542 | -301.482 | 10.7447 | 0.000000E+00 |
| 2543 | -306.341 | 10.7447 | 0.000000E+00 |
| 2544 | -319.766 | 9.12500 | 0.000000E+00 |
| 2545 | -319.766 | 10.3607 | 0.000000E+00 |
| 2546 | -311.200 | 10.3607 | 0.000000E+00 |
| 2547 | -316.059 | 10.7447 | 0.000000E+00 |
| 2548 | -325.777 | 10.7447 | 0.000000E+00 |
| 2549 | -320.918 | 10.1250 | 0.000000E+00 |
| 2550 | -331.783 | 9.12500 | 0.000000E+00 |
| 2551 | -331.783 | 10.1250 | 0.000000E+00 |
| 2552 | -330.639 | 10.7456 | 0.000000E+00 |
| 2553 | -341.792 | 9.12500 | 0.000000E+00 |
| 2554 | -341.792 | 10.1250 | 0.000000E+00 |
| 2555 | -335.500 | 10.3641 | 0.000000E+00 |
| 2556 | -340.362 | 10.7456 | 0.000000E+00 |
| 2557 | -351.801 | 9.12500 | 0.000000E+00 |
| 2558 | -351.801 | 10.1250 | 0.000000E+00 |
| 2559 | -345.224 | 10.2690 | 0.000000E+00 |
| 2560 | -350.086 | 10.7456 | 0.000000E+00 |
| 2561 | -359.809 | 10.7456 | 0.000000E+00 |
| 2562 | -354.947 | 10.1738 | 0.000000E+00 |
| 2563 | -360.409 | 10.1250 | 0.000000E+00 |
| 2564 | -1.40000 | 10.1250 | 0.000000E+00 |
| 2565 | -0.400000 | 10.1250 | 0.000000E+00 |
| 2566 | 407.610 | 10.1250 | 0.000000E+00 |
| 2567 | -360.409 | 5.62500 | 0.000000E+00 |
| 2568 | -359.242 | 9.12500 | 0.000000E+00 |
| 2569 | -359.242 | 5.62500 | 0.000000E+00 |
| 2570 | -0.500000 | 5.62500 | 0.000000E+00 |
| 2571 | 0.666667 | 9.12500 | 0.000000E+00 |
| 2572 | 0.666667 | 5.62500 | 0.000000E+00 |
| 2573 | -0.400000 | 5.62500 | 0.000000E+00 |
| 2574 | 0.766667 | 9.12500 | 0.000000E+00 |
| 2575 | 0.766667 | 5.62500 | 0.000000E+00 |
| 2576 | 408.210 | 5.62500 | 0.000000E+00 |
| 2577 | 409.377 | 9.12500 | 0.000000E+00 |
| 2578 | 409.377 | 5.62500 | 0.000000E+00 |
| 2579 | 407.610 | 9.12500 | -2.50000 |
| 2580 | 407.610 | 8.12500 | -2.50000 |
| 2581 | -359.809 | 2.12500 | -2.50000 |
| 2582 | -359.809 | 9.12500 | -2.50000 |
| 2583 | 407.610 | 2.12500 | -2.50000 |
| 2584 | 407.610 | 9.12500 | -2.50000 |
| 2585 | -361.409 | 5.62500 | 0.000000E+00 |
| 2586 | 409.210 | 5.62500 | 0.000000E+00 |
| 2587 | -359.809 | 5.62500 | -2.90000 |
| 2588 | -325.777 | 5.62500 | -8.80000 |
| 2589 | -277.187 | 5.62500 | -9.30000 |
| 2590 | -228.607 | 5.62500 | -9.80000 |
| 2591 | -180.037 | 5.62500 | -10.3000 |
| 2592 | -131.487 | 5.62500 | -10.5500 |
| 2593 | -82.9570 | 5.62500 | -11.3000 |
| 2594 | -34.4470 | 5.62500 | -11.5500 |
| 2595 | -0.447000 | 5.62500 | -12.3000 |
| 2596 | 33.5470 | 5.62500 | -11.8000 |
| 2597 | 82.0570 | 5.62500 | -11.3000 |
| 2598 | 130.587 | 5.62500 | -11.3000 |
| 2599 | 179.137 | 5.62500 | -11.0500 |
| 2600 | 227.707 | 5.62500 | -10.3000 |
| 2601 | 276.287 | 5.62500 | -10.3000 |
| 2602 | 324.877 | 5.62500 | -10.5500 |
| 2603 | 373.578 | 5.62500 | -10.5500 |
| 2604 | 407.610 | 5.62500 | -2.90000 |
| 2605 | -359.809 | 2.12500 | -2.50000 |
| 2606 | -359.809 | 9.12500 | -2.50000 |
| 2607 | 0.500000 | 2.12500 | -2.50000 |
| 2608 | 0.500000 | 9.12500 | -2.50000 |
| 2609 | 407.610 | 2.12500 | -2.50000 |
| 2610 | 407.610 | 9.12500 | -2.50000 |
| 2611 | -359.809 | 5.62500 | -2.90000 |
| 2612 | 407.610 | 5.62500 | -2.90000 |
| 2613 | -358.809 | 2.12500 | -2.50000 |
| 2614 | -359.809 | 3.12500 | -2.50000 |
| 2615 | -358.809 | 9.12500 | -2.50000 |
| 2616 | -359.809 | 10.1250 | -2.50000 |
| 2617 | -324.777 | 2.12500 | -2.50000 |
| 2618 | -325.777 | 3.12500 | -2.50000 |
| 2619 | -324.777 | 9.12500 | -2.50000 |
| 2620 | -325.777 | 10.1250 | -2.50000 |
| 2621 | -276.187 | 2.12500 | -2.50000 |
| 2622 | -277.187 | 3.12500 | -2.50000 |
| 2623 | -276.187 | 9.12500 | -2.50000 |
| 2624 | -277.187 | 10.1250 | -2.50000 |
| 2625 | -227.607 | 2.12500 | -2.50000 |
| 2626 | -228.607 | 3.12500 | -2.50000 |
| 2627 | -227.607 | 9.12500 | -2.50000 |
| 2628 | -228.607 | 10.1250 | -2.50000 |
| 2629 | -179.037 | 2.12500 | -2.50000 |
| 2630 | -180.037 | 3.12500 | -2.50000 |
| 2631 | -179.037 | 9.12500 | -2.50000 |
| 2632 | -180.037 | 10.1250 | -2.50000 |
| 2633 | -130.487 | 2.12500 | -2.50000 |
| 2634 | -131.487 | 3.12500 | -2.50000 |
| 2635 | -130.487 | 9.12500 | -2.50000 |
| 2636 | -131.487 | 10.1250 | -2.50000 |
| 2637 | -81.9570 | 2.12500 | -2.50000 |
| 2638 | -82.9570 | 3.12500 | -2.50000 |
| 2639 | -81.9570 | 9.12500 | -2.50000 |
| 2640 | -82.9570 | 10.1250 | -2.50000 |
| 2641 | -33.4470 | 2.12500 | -2.50000 |
| 2642 | -34.4470 | 3.12500 | -2.50000 |
| 2643 | -33.4470 | 9.12500 | -2.50000 |
| 2644 | -34.4470 | 10.1250 | -2.50000 |
| 2645 | -0.400000 | 2.12500 | -2.50000 |
| 2646 | -1.40000 | 3.12500 | -2.50000 |

| | | | |
|------|-----------|---------|--------------|
| 2647 | -0.400000 | 9.12500 | -2.50000 |
| 2648 | -1.40000 | 10.1250 | -2.50000 |
| 2649 | 1.50000 | 2.12500 | -2.50000 |
| 2650 | 0.500000 | 3.12500 | -2.50000 |
| 2651 | 1.50000 | 9.12500 | -2.50000 |
| 2652 | 0.500000 | 10.1250 | -2.50000 |
| 2653 | 34.5470 | 2.12500 | -2.50000 |
| 2654 | 33.5470 | 3.12500 | -2.50000 |
| 2655 | 34.5470 | 9.12500 | -2.50000 |
| 2656 | 33.5470 | 10.1250 | -2.50000 |
| 2657 | 83.0570 | 2.12500 | -2.50000 |
| 2658 | 82.0570 | 3.12500 | -2.50000 |
| 2659 | 83.0570 | 9.12500 | -2.50000 |
| 2660 | 82.0570 | 10.1250 | -2.50000 |
| 2661 | 131.587 | 2.12500 | -2.50000 |
| 2662 | 130.587 | 3.12500 | -2.50000 |
| 2663 | 131.587 | 9.12500 | -2.50000 |
| 2664 | 130.587 | 10.1250 | -2.50000 |
| 2665 | 180.137 | 2.12500 | -2.50000 |
| 2666 | 179.137 | 3.12500 | -2.50000 |
| 2667 | 180.137 | 9.12500 | -2.50000 |
| 2668 | 179.137 | 10.1250 | -2.50000 |
| 2669 | 228.707 | 2.12500 | -2.50000 |
| 2670 | 227.707 | 3.12500 | -2.50000 |
| 2671 | 228.707 | 9.12500 | -2.50000 |
| 2672 | 227.707 | 10.1250 | -2.50000 |
| 2673 | 277.287 | 2.12500 | -2.50000 |
| 2674 | 276.287 | 3.12500 | -2.50000 |
| 2675 | 277.287 | 9.12500 | -2.50000 |
| 2676 | 276.287 | 10.1250 | -2.50000 |
| 2677 | 325.877 | 2.12500 | -2.50000 |
| 2678 | 324.877 | 3.12500 | -2.50000 |
| 2679 | 325.877 | 9.12500 | -2.50000 |
| 2680 | 324.877 | 10.1250 | -2.50000 |
| 2681 | 374.578 | 2.12500 | -2.50000 |
| 2682 | 373.578 | 3.12500 | -2.50000 |
| 2683 | 374.578 | 9.12500 | -2.50000 |
| 2684 | 373.578 | 10.1250 | -2.50000 |
| 2685 | 406.610 | 2.12500 | -2.50000 |
| 2686 | 407.610 | 1.12500 | -2.50000 |
| 2687 | 406.610 | 9.12500 | -2.50000 |
| 2688 | 407.610 | 8.12500 | -2.50000 |
| 2689 | -360.409 | 5.62500 | 0.000000E+00 |
| 2690 | -361.409 | 6.62500 | 0.000000E+00 |
| 2691 | 0.500000 | 5.62500 | 0.000000E+00 |
| 2692 | -0.500000 | 6.62500 | 0.000000E+00 |
| 2693 | 408.210 | 5.62500 | 0.000000E+00 |
| 2694 | 409.210 | 4.62500 | 0.000000E+00 |
| 2695 | -358.809 | 5.62500 | -2.90000 |
| 2696 | -359.809 | 6.62500 | -2.90000 |
| 2697 | -324.777 | 5.62500 | -8.80000 |
| 2698 | -325.777 | 6.62500 | -8.80000 |
| 2699 | -276.187 | 5.62500 | -9.30000 |
| 2700 | -277.187 | 6.62500 | -9.30000 |
| 2701 | -227.607 | 5.62500 | -9.80000 |
| 2702 | -228.607 | 6.62500 | -9.80000 |
| 2703 | -179.037 | 5.62500 | -10.3000 |
| 2704 | -180.037 | 6.62500 | -10.3000 |
| 2705 | -130.487 | 5.62500 | -10.5500 |
| 2706 | -131.487 | 6.62500 | -10.5500 |
| 2707 | -81.9570 | 5.62500 | -11.3000 |
| 2708 | -82.9570 | 6.62500 | -11.3000 |
| 2709 | -33.4470 | 5.62500 | -11.5500 |
| 2710 | -34.4470 | 6.62500 | -11.5500 |
| 2711 | 0.553000 | 5.62500 | -12.3000 |
| 2712 | -0.447000 | 6.62500 | -12.3000 |
| 2713 | 34.5470 | 5.62500 | -11.8000 |
| 2714 | 33.5470 | 6.62500 | -11.8000 |
| 2715 | 83.0570 | 5.62500 | -11.3000 |
| 2716 | 82.0570 | 6.62500 | -11.3000 |
| 2717 | 131.587 | 5.62500 | -11.3000 |
| 2718 | 130.587 | 6.62500 | -11.3000 |
| 2719 | 180.137 | 5.62500 | -11.0500 |
| 2720 | 179.137 | 6.62500 | -11.0500 |
| 2721 | 228.707 | 5.62500 | -10.3000 |
| 2722 | 227.707 | 6.62500 | -10.3000 |
| 2723 | 277.287 | 5.62500 | -10.3000 |
| 2724 | 276.287 | 6.62500 | -10.3000 |
| 2725 | 325.877 | 5.62500 | -10.5500 |
| 2726 | 324.877 | 6.62500 | -10.5500 |
| 2727 | 374.578 | 5.62500 | -10.5500 |
| 2728 | 373.578 | 6.62500 | -10.5500 |
| 2729 | 408.610 | 5.62500 | -2.90000 |
| 2730 | 407.610 | 6.62500 | -2.90000 |
| 2731 | -358.809 | 2.12500 | -2.50000 |
| 2732 | -359.809 | 3.12500 | -2.50000 |
| 2733 | -358.809 | 9.12500 | -2.50000 |
| 2734 | -359.809 | 10.1250 | -2.50000 |
| 2735 | 1.50000 | 2.12500 | -2.50000 |
| 2736 | 0.500000 | 3.12500 | -2.50000 |
| 2737 | 1.50000 | 9.12500 | -2.50000 |
| 2738 | 0.500000 | 10.1250 | -2.50000 |
| 2739 | 406.610 | 2.12500 | -2.50000 |
| 2740 | 407.610 | 1.12500 | -2.50000 |
| 2741 | 406.610 | 9.12500 | -2.50000 |
| 2742 | 407.610 | 8.12500 | -2.50000 |

TOTAL NUMBER OF NODES = 2742
LARGEST NODE NUMBER = 2742

DATA STORAGE LOCATIONS USED = 19194

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

C1 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 1 | 1ST NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.1773E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C1 (Bridge deck - girder with top slab) with BDM_Phase2b
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 33 | 1ST NODE | AREA =3.803 | IYY =4.046 | IZZ =5.544 | KT =0.2573E-01 | ASZ =2.023 | | | |
| | | ASY =2.216 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =3.803 | IYY =4.046 | IZZ =5.544 | KT =0.2573E-01 | ASZ =2.023 | | | |
| | | ASY =2.216 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.0000E+00 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C2 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 2 | 1ST NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.2002E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C2 (Bridge deck - girder with top slab) with BDM_Phase2b
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 34 | 1ST NODE | AREA =4.130 | IYY =4.948 | IZZ =5.702 | KT =0.2622E-01 | ASZ =2.026 | | | |
| | | ASY =2.470 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =4.130 | IYY =4.948 | IZZ =5.702 | KT =0.2622E-01 | ASZ =2.026 | | | |
| | | ASY =2.470 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.0000E+00 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|----------------|----------|-------------|------------|------------|----------------|------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 3 | 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | |

| | | | | | |
|----------|-------------|----------------|----------------|-----------------|------------|
| 2ND NODE | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | ASZ =1.686 |
| | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase2b
PROPERTY

| | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|
| BMI21 ELEMENTS | | | | | |
| 35 1ST NODE | AREA =4.205 | IYY =5.011 | IZZ =5.693 | KT =0.2625E-01 | ASZ =2.093 |
| | ASY =2.471 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =4.205 | IYY =5.011 | IZZ =5.693 | KT =0.2625E-01 | ASZ =2.093 |
| | ASY =2.471 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.0000E+00 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C4_cracked (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|
| BMI21 ELEMENTS | | | | | |
| 4 1ST NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.4794E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C4_cracked (Bridge deck - girder with top slab) with BDM_Phase2b
PROPERTY

| | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|
| BMI21 ELEMENTS | | | | | |
| 36 1ST NODE | AREA =3.252 | IYY =4.250 | IZZ =2.345 | KT =0.2683E-01 | ASZ =2.161 |
| | ASY =2.661 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =3.252 | IYY =4.250 | IZZ =2.345 | KT =0.2683E-01 | ASZ =2.161 |
| | ASY =2.661 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.0000E+00 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|
| BMI21 ELEMENTS | | | | | |
| 5 1ST NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 |
| | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 |
| | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | | | | | | |
|-----|-------------|-----|---------|-----|---------|-----|---------|-----|---------|
| MF1 | =0.1951E-07 | MF2 | = 1.000 | MF3 | = 1.000 | MF4 | = 1.000 | MF5 | = 1.000 |
| MF6 | = 1.000 | MF7 | = 1.000 | MF8 | = 1.000 | MF9 | = 1.000 | | |

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase2b
PROPERTY

| | | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | | |
| 37 | 1ST NODE | AREA =4.054 | IYY =4.920 | IZZ =5.804 | KT =0.2615E-01 | ASZ =2.024 | | | | |
| | | ASY =2.412 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =4.054 | IYY =4.920 | IZZ =5.804 | KT =0.2615E-01 | ASZ =2.024 | | | | |
| | | ASY =2.412 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | | MF1 =0.0000E+00 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | |

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | | |
| 6 | 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | | MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | |

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase2b
PROPERTY

| | | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | | |
| 38 | 1ST NODE | AREA =4.205 | IYY =5.011 | IZZ =5.693 | KT =0.2625E-01 | ASZ =2.093 | | | | |
| | | ASY =2.471 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =4.205 | IYY =5.011 | IZZ =5.693 | KT =0.2625E-01 | ASZ =2.093 | | | | |
| | | ASY =2.471 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | | MF1 =0.0000E+00 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | |

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

el_soletta_riva (Sct5 (RSS D=0.3 B=4.72)) & modifier_Jz_soletta
PROPERTY

| | | | | | | | | | | |
|--|----------|-------------|-----------------|----------------|-----------------|-------------|--|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | | |
| 7 | 1ST NODE | AREA =1.416 | IYY =0.1062E-01 | IZZ =2.629 | KT =0.4078E-01 | ASZ =1.182 | | | | |
| | | ASY =1.180 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| | 2ND NODE | AREA =1.416 | IYY =0.1062E-01 | IZZ =2.629 | KT =0.4078E-01 | ASZ =1.182 | | | | |
| | | ASY =1.180 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 10.00 | SF4 = 1.000 | SF5 = 1.000 | | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | | |
| | | MF1 = 1.000 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | | |

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

el_soletta_interne (Sct7 (RSS D=0.3 B=4.86)) & modifier_Jz_soletta
PROPERTY

```
BMI21 ELEMENTS
8 1ST NODE AREA =1.458 IYY =0.1093E-01 IZZ =2.870 KT =0.4204E-01 ASZ =1.217
   ASY =1.215 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.458 IYY =0.1093E-01 IZZ =2.870 KT =0.4204E-01 ASZ =1.217
   ASY =1.215 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000
```

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

el_soletta_riva_terminali (Sct4 (RSS D=0.3 B=2.9)) & modifier_Jz_soletta
PROPERTY

```
BMI21 ELEMENTS
9 1ST NODE AREA =0.8700 IYY =0.6525E-02 IZZ =0.6097 KT =0.2440E-01 ASZ =0.7258
   ASY =0.7250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.8700 IYY =0.6525E-02 IZZ =0.6097 KT =0.2440E-01 ASZ =0.7258
   ASY =0.7250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000
```

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

el_soletta_riva_estremi (el_soletta_estremi (RSS D=0.3 B=0.05)) & modifier_Jz_soletta
PROPERTY

```
BMI21 ELEMENTS
10 1ST NODE AREA =0.1500E-01 IYY =0.1125E-03 IZZ =0.3125E-05 KT =0.1119E-04 ASZ =0.1250E-01
   ASY =0.1251E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1500E-01 IYY =0.1125E-03 IZZ =0.3125E-05 KT =0.1119E-04 ASZ =0.1250E-01
   ASY =0.1251E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000
```

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

traversi_appoggio (Sct1 (I D=1 B=0.3 tf=0.02 tw=0.018 r=0))
PROPERTY

```
BMI21 ELEMENTS
11 1ST NODE AREA =0.2928E-01 IYY =0.4209E-02 IZZ =0.9047E-04 KT =0.3477E-05 ASZ =0.1703E-01
   ASY =0.1027E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2928E-01 IYY =0.4209E-02 IZZ =0.9047E-04 KT =0.3477E-05 ASZ =0.1703E-01
   ASY =0.1027E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
```

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

traversi_intermedi (Sct2 (I D=1 B=0.3 tf=0.02 tw=0.015 r=0))
PROPERTY

```
BMI21 ELEMENTS
12 1ST NODE AREA =0.2640E-01 IYY =0.3988E-02 IZZ =0.9027E-04 KT =0.2665E-05 ASZ =0.1428E-01
   ASY =0.1017E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2640E-01 IYY =0.3988E-02 IZZ =0.9027E-04 KT =0.2665E-05 ASZ =0.1428E-01
   ASY =0.1017E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
```

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

Pulvino_pila_corrente (Pulvino_corrente (RSS D=2.5 B=1.8))
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|--|--|--|
| 13 | 1ST NODE | AREA =4.500 | IYY =2.344 | IZZ =1.215 | KT =2.710 | ASZ =3.750 | | | |
| | | ASY =3.751 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =4.500 | IYY =2.344 | IZZ =1.215 | KT =2.710 | ASZ =3.750 | | | |
| | | ASY =3.751 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |

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

rigid
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-----------------|----------------|----------------|-----------------|-----------------|--|--|--|
| 14 | 1ST NODE | AREA =10.00 | IYY =100.0 | IZZ =100.0 | KT =100.0 | ASZ =0.1000E+05 | | | |
| | | ASY =0.1000E+05 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =10.00 | IYY =100.0 | IZZ =100.0 | KT =100.0 | ASZ =0.1000E+05 | | | |
| | | ASY =0.1000E+05 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |

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

Pila Corrente (Fusto_pila_tipo)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|------------------|------------|--|--|--|
| 15 | 1ST NODE | AREA =6.927 | IYY =7.940 | IZZ =23.78 | KT =22.73 | ASZ =1.720 | | | |
| | | ASY =4.929 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =-0.2837E-13 | | | | |
| | 2ND NODE | AREA =6.927 | IYY =7.940 | IZZ =23.78 | KT =22.73 | ASZ =1.720 | | | |
| | | ASY =4.929 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =-0.2837E-13 | | | | |

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

Plinto_Pila_corrente (Plinto_corrente (RSS D=9.6 B=6) R90)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|--|--|--|
| 16 | 1ST NODE | AREA =57.60 | IYY =172.8 | IZZ =442.4 | KT =422.5 | ASZ =48.01 | | | |
| | | ASY =48.00 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =57.60 | IYY =172.8 | IZZ =442.4 | KT =422.5 | ASZ =48.01 | | | |
| | | ASY =48.00 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |

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

Pulvino_pila_P8 (Pulvino_P8 (RSS D=2.5 B=3.3))
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|--|--|--|
| 17 | 1ST NODE | AREA =8.250 | IYY =4.297 | IZZ =7.487 | KT =9.236 | ASZ =6.876 | | | |
| | | ASY =6.876 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =8.250 | IYY =4.297 | IZZ =7.487 | KT =9.236 | ASZ =6.876 | | | |
| | | ASY =6.876 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |

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

Plinto_Pila_P8 (Plinto_P8 (RSS D=9.6 B=9.6) R90)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|--|--|--|
| 18 | 1ST NODE | AREA =92.16 | IYY =707.8 | IZZ =707.8 | KT =1194. | ASZ =76.81 | | | |
| | | ASY =76.81 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =92.16 | IYY =707.8 | IZZ =707.8 | KT =1194. | ASZ =76.81 | | | |
| | | ASY =76.81 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |

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

PilaP8 (Fusto_P8)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|--|--|--|
| 19 | 1ST NODE | AREA =12.78 | IYY =32.10 | IZZ =42.31 | KT =62.60 | ASZ =3.264 | | | |
| | | ASY =9.320 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.2595E-13 | | | | |
| | 2ND NODE | AREA =12.78 | IYY =32.10 | IZZ =42.31 | KT =62.60 | ASZ =3.264 | | | |
| | | ASY =9.320 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.2595E-13 | | | | |

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

joints
PROPERTY

JSH4 ELEMENTS
20 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 2132

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

| FIRST ELEMENT | LAST ELEMENT | DIFF- ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|------------------|-----------------|-----------------|------------------|------------------|
| 1 | 4 | 1 | 14 | 32 |
| 5 | 8 | 1 | 13 | 31 |
| 9 | 0 | 0 | 14 | 32 |
| 10 | 17 | 1 | 15 | 33 |
| 18 | 19 | 1 | 14 | 32 |
| 20 | 23 | 1 | 13 | 31 |
| 24 | 0 | 0 | 14 | 32 |
| 25 | 32 | 1 | 15 | 33 |
| 33 | 34 | 1 | 14 | 32 |
| 35 | 36 | 1 | 16 | 34 |
| 37 | 38 | 1 | 14 | 32 |
| 39 | 42 | 1 | 13 | 31 |
| 43 | 0 | 0 | 14 | 32 |
| 44 | 51 | 1 | 15 | 33 |
| 52 | 0 | 0 | 16 | 34 |
| 53 | 56 | 1 | 14 | 32 |
| 57 | 60 | 1 | 13 | 31 |
| 61 | 0 | 0 | 14 | 32 |
| 62 | 69 | 1 | 15 | 33 |
| 70 | 0 | 0 | 16 | 34 |
| 71 | 74 | 1 | 14 | 32 |
| 75 | 78 | 1 | 13 | 31 |
| 79 | 0 | 0 | 14 | 32 |
| 80 | 87 | 1 | 15 | 33 |
| 88 | 0 | 0 | 16 | 34 |
| 89 | 92 | 1 | 14 | 32 |
| 93 | 96 | 1 | 13 | 31 |
| 97 | 0 | 0 | 14 | 32 |
| 98 | 105 | 1 | 15 | 33 |
| 106 | 0 | 0 | 16 | 34 |
| 107 | 110 | 1 | 14 | 32 |
| 111 | 114 | 1 | 13 | 31 |
| 115 | 0 | 0 | 14 | 32 |
| 116 | 123 | 1 | 15 | 33 |
| 124 | 0 | 0 | 16 | 34 |
| 125 | 128 | 1 | 14 | 32 |
| 129 | 132 | 1 | 13 | 31 |
| 133 | 0 | 0 | 14 | 32 |
| 134 | 141 | 1 | 15 | 33 |
| 142 | 0 | 0 | 16 | 34 |
| 143 | 146 | 1 | 14 | 32 |
| 147 | 150 | 1 | 13 | 31 |
| 151 | 0 | 0 | 14 | 32 |
| 152 | 159 | 1 | 15 | 33 |
| 160 | 0 | 0 | 16 | 34 |
| 161 | 164 | 1 | 14 | 32 |
| 165 | 168 | 1 | 13 | 31 |
| 169 | 0 | 0 | 14 | 32 |
| 170 | 177 | 1 | 15 | 33 |
| 178 | 0 | 0 | 16 | 34 |
| 179 | 182 | 1 | 14 | 32 |
| 183 | 186 | 1 | 13 | 31 |
| 187 | 0 | 0 | 14 | 32 |
| 188 | 195 | 1 | 15 | 33 |
| 196 | 0 | 0 | 16 | 34 |
| 197 | 200 | 1 | 14 | 32 |
| 201 | 204 | 1 | 13 | 31 |
| 205 | 0 | 0 | 14 | 32 |
| 206 | 213 | 1 | 15 | 33 |
| 214 | 0 | 0 | 16 | 34 |
| 215 | 218 | 1 | 14 | 32 |
| 219 | 222 | 1 | 13 | 31 |
| 223 | 0 | 0 | 14 | 32 |
| 224 | 231 | 1 | 15 | 33 |
| 232 | 0 | 0 | 16 | 34 |
| 233 | 236 | 1 | 14 | 32 |
| 237 | 240 | 1 | 13 | 31 |
| 241 | 0 | 0 | 14 | 32 |
| 242 | 249 | 1 | 15 | 33 |
| 250 | 0 | 0 | 16 | 34 |
| 251 | 254 | 1 | 14 | 32 |
| 255 | 258 | 1 | 13 | 31 |
| 259 | 0 | 0 | 14 | 32 |
| 260 | 267 | 1 | 15 | 33 |
| 268 | 0 | 0 | 16 | 34 |
| 269 | 270 | 1 | 14 | 32 |
| 271 | 274 | 1 | 17 | 35 |
| 275 | 0 | 0 | 14 | 32 |
| 276 | 283 | 1 | 19 | 37 |

| | | | | |
|------|------|---|----|----|
| 284 | 0 | 0 | 18 | 36 |
| 285 | 333 | 1 | 14 | 32 |
| 334 | 338 | 1 | 11 | 27 |
| 339 | 479 | 1 | 12 | 28 |
| 480 | 493 | 1 | 11 | 27 |
| 494 | 0 | 0 | 9 | 17 |
| 495 | 496 | 1 | 8 | 16 |
| 497 | 521 | 1 | 7 | 15 |
| 522 | 629 | 1 | 8 | 16 |
| 630 | 638 | 1 | 7 | 15 |
| 639 | 645 | 1 | 8 | 16 |
| 646 | 647 | 1 | 9 | 17 |
| 648 | 652 | 1 | 8 | 16 |
| 653 | 0 | 0 | 9 | 17 |
| 654 | 655 | 1 | 8 | 16 |
| 656 | 673 | 1 | 7 | 15 |
| 674 | 781 | 1 | 8 | 16 |
| 782 | 790 | 1 | 7 | 15 |
| 791 | 797 | 1 | 8 | 16 |
| 798 | 799 | 1 | 9 | 17 |
| 800 | 804 | 1 | 8 | 16 |
| 805 | 808 | 1 | 10 | 18 |
| 809 | 0 | 0 | 9 | 17 |
| 810 | 811 | 1 | 8 | 16 |
| 812 | 829 | 1 | 7 | 15 |
| 830 | 937 | 1 | 8 | 16 |
| 938 | 946 | 1 | 7 | 15 |
| 947 | 953 | 1 | 8 | 16 |
| 954 | 955 | 1 | 9 | 17 |
| 956 | 960 | 1 | 8 | 16 |
| 961 | 964 | 1 | 10 | 18 |
| 965 | 967 | 1 | 7 | 15 |
| 968 | 0 | 0 | 9 | 17 |
| 969 | 972 | 1 | 7 | 15 |
| 973 | 0 | 0 | 9 | 17 |
| 974 | 980 | 1 | 7 | 15 |
| 981 | 0 | 0 | 9 | 17 |
| 982 | 983 | 1 | 33 | 1 |
| 984 | 986 | 1 | 37 | 11 |
| 987 | 989 | 1 | 38 | 13 |
| 990 | 993 | 1 | 36 | 10 |
| 994 | 996 | 1 | 35 | 7 |
| 997 | 1000 | 1 | 34 | 3 |
| 1001 | 1003 | 1 | 35 | 7 |
| 1004 | 1007 | 1 | 36 | 10 |
| 1008 | 1010 | 1 | 35 | 7 |
| 1011 | 1014 | 1 | 34 | 3 |
| 1015 | 1017 | 1 | 35 | 7 |
| 1018 | 1021 | 1 | 36 | 10 |
| 1022 | 1024 | 1 | 35 | 7 |
| 1025 | 1028 | 1 | 34 | 3 |
| 1029 | 1031 | 1 | 35 | 7 |
| 1032 | 1035 | 1 | 36 | 10 |
| 1036 | 1038 | 1 | 35 | 7 |
| 1039 | 1042 | 1 | 34 | 3 |
| 1043 | 1045 | 1 | 35 | 7 |
| 1046 | 1049 | 1 | 36 | 10 |
| 1050 | 1052 | 1 | 35 | 7 |
| 1053 | 1056 | 1 | 34 | 3 |
| 1057 | 1059 | 1 | 35 | 7 |
| 1060 | 1063 | 1 | 36 | 10 |
| 1064 | 1066 | 1 | 35 | 7 |
| 1067 | 1070 | 1 | 34 | 3 |
| 1071 | 1073 | 1 | 35 | 7 |
| 1074 | 1077 | 1 | 36 | 10 |
| 1078 | 1080 | 1 | 35 | 7 |
| 1081 | 1084 | 1 | 34 | 3 |
| 1085 | 1087 | 1 | 35 | 7 |
| 1088 | 1091 | 1 | 36 | 10 |
| 1092 | 1094 | 1 | 38 | 13 |
| 1095 | 1097 | 1 | 37 | 11 |
| 1098 | 1101 | 1 | 33 | 1 |
| 1102 | 1104 | 1 | 37 | 11 |
| 1105 | 1107 | 1 | 38 | 13 |
| 1108 | 1111 | 1 | 36 | 10 |
| 1112 | 1114 | 1 | 35 | 7 |
| 1115 | 1118 | 1 | 34 | 3 |
| 1119 | 1121 | 1 | 35 | 7 |
| 1122 | 1125 | 1 | 36 | 10 |
| 1126 | 1128 | 1 | 35 | 7 |
| 1129 | 1132 | 1 | 34 | 3 |
| 1133 | 1135 | 1 | 35 | 7 |
| 1136 | 1139 | 1 | 36 | 10 |
| 1140 | 1142 | 1 | 35 | 7 |
| 1143 | 1146 | 1 | 34 | 3 |
| 1147 | 1149 | 1 | 35 | 7 |
| 1150 | 1153 | 1 | 36 | 10 |
| 1154 | 1156 | 1 | 35 | 7 |
| 1157 | 1160 | 1 | 34 | 3 |
| 1161 | 1163 | 1 | 35 | 7 |
| 1164 | 1167 | 1 | 36 | 10 |
| 1168 | 1170 | 1 | 35 | 7 |
| 1171 | 1174 | 1 | 34 | 3 |
| 1175 | 1177 | 1 | 35 | 7 |
| 1178 | 1181 | 1 | 36 | 10 |
| 1182 | 1184 | 1 | 35 | 7 |
| 1185 | 1188 | 1 | 34 | 3 |
| 1189 | 1191 | 1 | 35 | 7 |
| 1192 | 1195 | 1 | 36 | 10 |
| 1196 | 1198 | 1 | 35 | 7 |
| 1199 | 1201 | 1 | 37 | 11 |
| 1202 | 1209 | 1 | 33 | 1 |
| 1210 | 1212 | 1 | 37 | 11 |
| 1213 | 1215 | 1 | 38 | 13 |
| 1216 | 1219 | 1 | 36 | 10 |

| | | | | |
|------|------|---|----|----|
| 1220 | 1222 | 1 | 35 | 7 |
| 1223 | 1226 | 1 | 34 | 3 |
| 1227 | 1229 | 1 | 35 | 7 |
| 1230 | 1233 | 1 | 36 | 10 |
| 1234 | 1236 | 1 | 35 | 7 |
| 1237 | 1240 | 1 | 34 | 3 |
| 1241 | 1243 | 1 | 35 | 7 |
| 1244 | 1247 | 1 | 36 | 10 |
| 1248 | 1250 | 1 | 35 | 7 |
| 1251 | 1254 | 1 | 34 | 3 |
| 1255 | 1257 | 1 | 35 | 7 |
| 1258 | 1261 | 1 | 36 | 10 |
| 1262 | 1264 | 1 | 35 | 7 |
| 1265 | 1268 | 1 | 34 | 3 |
| 1269 | 1271 | 1 | 35 | 7 |
| 1272 | 1275 | 1 | 36 | 10 |
| 1276 | 1278 | 1 | 35 | 7 |
| 1279 | 1282 | 1 | 34 | 3 |
| 1283 | 1285 | 1 | 35 | 7 |
| 1286 | 1289 | 1 | 36 | 10 |
| 1290 | 1292 | 1 | 35 | 7 |
| 1293 | 1296 | 1 | 34 | 3 |
| 1297 | 1299 | 1 | 35 | 7 |
| 1300 | 1303 | 1 | 36 | 10 |
| 1304 | 1306 | 1 | 35 | 7 |
| 1307 | 1310 | 1 | 34 | 3 |
| 1311 | 1313 | 1 | 35 | 7 |
| 1314 | 1317 | 1 | 36 | 10 |
| 1318 | 1320 | 1 | 38 | 13 |
| 1321 | 1323 | 1 | 37 | 11 |
| 1324 | 1327 | 1 | 33 | 1 |
| 1328 | 1330 | 1 | 37 | 11 |
| 1331 | 1333 | 1 | 38 | 13 |
| 1334 | 1337 | 1 | 36 | 10 |
| 1338 | 1340 | 1 | 35 | 7 |
| 1341 | 1344 | 1 | 34 | 3 |
| 1345 | 1347 | 1 | 35 | 7 |
| 1348 | 1351 | 1 | 36 | 10 |
| 1352 | 1354 | 1 | 35 | 7 |
| 1355 | 1358 | 1 | 34 | 3 |
| 1359 | 1361 | 1 | 35 | 7 |
| 1362 | 1365 | 1 | 36 | 10 |
| 1366 | 1368 | 1 | 35 | 7 |
| 1369 | 1372 | 1 | 34 | 3 |
| 1373 | 1375 | 1 | 35 | 7 |
| 1376 | 1379 | 1 | 36 | 10 |
| 1380 | 1382 | 1 | 35 | 7 |
| 1383 | 1386 | 1 | 34 | 3 |
| 1387 | 1389 | 1 | 35 | 7 |
| 1390 | 1393 | 1 | 36 | 10 |
| 1394 | 1396 | 1 | 35 | 7 |
| 1397 | 1400 | 1 | 34 | 3 |
| 1401 | 1403 | 1 | 35 | 7 |
| 1404 | 1407 | 1 | 36 | 10 |
| 1408 | 1410 | 1 | 35 | 7 |
| 1411 | 1414 | 1 | 34 | 3 |
| 1415 | 1417 | 1 | 35 | 7 |
| 1418 | 1421 | 1 | 36 | 10 |
| 1422 | 1424 | 1 | 35 | 7 |
| 1425 | 1427 | 1 | 37 | 11 |
| 1428 | 1433 | 1 | 33 | 1 |
| 1434 | 1441 | 1 | 10 | 18 |
| 1442 | 0 | 0 | 14 | 32 |
| 1443 | 1507 | 1 | 20 | 4 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 248
 TOTAL NUMBER OF ELEMENTS = 1507
 LARGEST ELEMENT NUMBER = 1507
 LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 38
 DATA STORAGE LOCATIONS USED = 4521

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

MATERIAL

giunti
 7 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

Incastro
 8 KX = 0.1000E+13 KY = 0.1000E+13 KZ = 0.1000E+13 KTX = 0.1000E+13 KTY = 0.1000E+13 KTZ = 0.1000E+13

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

MATERIAL

HDRB2
9 KX = 0.3530E+07 KY = 0.3530E+07 KZ = 0.2331E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB1
10 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

UL
11 KX = 1.000 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

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

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

MATERIAL

rigido (elastic)
3 E = 0.1000E+13 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_long_term_Phase2b (elastic) - compound BDM_Phase2b
18 E = 0.1359E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3 (elastic) - compound BDM_Phase3
1 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

rigid_cls_pulvini (elastic)
4 E = 0.2100E+15 NU = 0.3000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_sottostrutture (elastic)
 5 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL =
 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

Concrete_long_term_Phase2b_el_sol (elastic)
 17 E = 0.1359E+11 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL =
 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_el_sol (elastic)
 6 E = 0.3335E+11 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL =
 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 542

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

| SHRINKAGE SET | FIRST RO ELEMENT SET | LAST SMEARED REINFORCEMENT ELEMENT SET | DIFF-REINFORCEMENT ERENCE | MATERIAL SET | NSET | STRESS POTENTIAL/ PLASTIC DATA SET | CREEP SET | DAMAGE SET | LusasM ID NO. | VISCOELASTIC SET | TWO PHASE MATERIAL SET |
|---------------|----------------------|--|---------------------------|--------------|------|---------------------------------------|-----------|------------|---------------|------------------|------------------------|
| 0 | 0 | 1 | 4 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 5 | 8 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 10 | 17 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 18 | 0 | 19 | 1 | 3 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 20 | 23 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 24 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 25 | 32 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 33 | 0 | 34 | 1 | 3 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 35 | 36 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 37 | 38 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 39 | 42 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 43 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 44 | 52 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 53 | 56 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 57 | 60 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 61 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 62 | 70 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 71 | 74 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 75 | 78 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 79 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 80 | 88 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 89 | 92 | 1 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 93 | 96 | 1 | 4 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 97 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 98 | 106 | 1 | 5 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 107 | 0 | 110 | 1 | 3 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 111 | 0 | 114 | 1 | 4 | 0 | 0 | 21 | 0 | 0 |

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 80

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

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

C O N S T R A I N T E Q U A T I O N S

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 THX 1.00000
2611 0 0 THX -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 THY 1.00000
2611 0 0 THY -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 THZ 1.00000
2611 0 0 THZ -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2582 0 0 THX 1.00000
2611 0 0 THX -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2582 0 0 THY 1.00000
2611 0 0 THY -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2582 0 0 THZ 1.00000
2611 0 0 THZ -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 V 1.00000
2611 0 0 V -1.00000
2611 0 0 THX 0.400000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2581 0 0 W 0.285714
2611 0 0 W -0.285714
2611 0 0 THX 1.00000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2582 0 0 V 1.00000
2611 0 0 V -1.00000
2611 0 0 THX 0.400000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2582 | 0 | 0 | W | 0.285714 |
| 2611 | 0 | 0 | W | -0.285714 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2581 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2582 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2584 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2584 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2584 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 24
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
 LARGEST NODE NUMBER ENCOUNTERED = 2612
 DATA STORAGE LOCATIONS USED = 227

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

F = FREE
 R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
 S = SPRING
 P1 = VISCOUS TRANSMITTING (PRESSURE WAVE): EXPLICIT DEFINITION
 P2 = VISCOUS TRANSMITTING (PRESSURE WAVE): AUTOMATIC CALCULATION
 Z1 = VISCOUS TRANSMITTING (SHEAR WAVE): EXPLICIT DEFINITION
 Z2 = VISCOUS TRANSMITTING (SHEAR WAVE): AUTOMATIC CALCULATION

| FIRST SUPPORT NODE | LAST SUPPORT NODE | DIFF RNCE | SUPPORT CONDITION | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT |
|--------------------|-------------------|-----------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 2585 | 2604 | 1 | R R R R R R R | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

TOTAL NUMBER OF SUPPORT NODES = 20
 LARGEST NODE NUMBER = 2604
 DATA STORAGE LOCATIONS USED = 210

L O A D C A S E 4

Gsh

TMPE LOAD INPUT

NUMBER OF VALUES = 8 START LOCATION = 1

| ELEMENT | NODE | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 | VALUE 7 |
|---------|------|---------|---------|---------|---------|---------|---------|---------|
|---------|------|---------|---------|---------|---------|---------|---------|---------|

| | | | | | | | | |
|------|-----|--------------------------|--------------|--------------|----------|--------------|--------------|--------------|
| 1413 | ALL | -11.0209 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.27774 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1414 | ALL | -11.0209 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.27774 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1415 | ALL | -10.8259 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.28362 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1416 | ALL | -10.8259 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.28362 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1417 | ALL | -10.8259 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.28362 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1422 | ALL | -10.8259 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.28362 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1423 | ALL | -10.8259 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.28362 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1424 | ALL | -10.8259 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.28362 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1425 | ALL | -11.2265 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.42465 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1426 | ALL | -11.2265 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.42465 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1427 | ALL | -11.2265 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.42465 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1428 | ALL | -11.9644 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.68746 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1429 | ALL | -11.9644 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.68746 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1430 | ALL | -11.9644 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.68746 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1431 | ALL | -11.9644 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.68746 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1432 | ALL | -11.9644 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.68746 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1433 | ALL | -11.9644 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -7.68746 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 332
LARGEST NODE OR ELEMENT NUMBER = 1433

L O A D C A S E 5

Gsettl_P8

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|---------|---------|---------------|---------|---------|---------|
| 2595 | 0 | 0 | -*- | -*- | -0.680000E-02 | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 1
LARGEST NODE OR ELEMENT NUMBER = 2595

L O A D C A S E 6

Gsettl_P9

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|---------|---------|---------------|---------|---------|---------|
| 2596 | 0 | 0 | -*- | -*- | -0.830000E-02 | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 1
LARGEST NODE OR ELEMENT NUMBER = 2596

L O A D C A S E 11

Gsettl_P10

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------------------------------|-----------|------|---------|---------|---------------|---------|---------|---------|
| 2597 | 0 | 0 | -- | -- | -0.970000E-02 | -- | -- | -- |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 1 | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2597 | | | |

L O A D C A S E 12

Gsettl_P11

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------------------------------|-----------|------|---------|---------|---------------|---------|---------|---------|
| 2598 | 0 | 0 | -- | -- | -0.970000E-02 | -- | -- | -- |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 1 | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2598 | | | |

L O A D C A S E 13

Gsettl_P12

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------------------------------|-----------|------|---------|---------|---------------|---------|---------|---------|
| 2599 | 0 | 0 | -- | -- | -0.970000E-02 | -- | -- | -- |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 1 | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2599 | | | |

L O A D C A S E 14

Gsettl_P13

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------------------------------|-----------|------|---------|---------|---------------|---------|---------|---------|
| 2600 | 0 | 0 | -- | -- | -0.970000E-02 | -- | -- | -- |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 1 | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2600 | | | |

L O A D C A S E 15

Gsettl_P14

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------------------------------|--------------|------|---------|---------|---------------|---------|---------|---------|
| 2601 | 0 | 0 | -- | -- | -0.970000E-02 | -- | -- | -- |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 1 | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2601 | | | |

L O A D C A S E 16

Gsettl_P15

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------------------------------|--------------|------|---------|---------|---------------|---------|---------|---------|
| 2602 | 0 | 0 | -- | -- | -0.970000E-02 | -- | -- | -- |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 1 | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2602 | | | |

L O A D C A S E 17

Gsettl_P16

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------------------------------|--------------|------|---------|---------|---------------|---------|---------|---------|
| 2603 | 0 | 0 | -- | -- | -0.830000E-02 | -- | -- | -- |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 1 | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2603 | | | |

L O A D C A S E 18

Gsettl_S2

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---------------|--------------|------|---------|---------|---------------|---------|---------|---------|
| 2604 | 0 | 0 | -- | -- | -0.680000E-02 | -- | -- | -- |

NUMBER OF LOADED NODES OR ELEMENTS = 1
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 19

Gsettl_s1

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---------------|--------------|------|---------|---------|---------------|---------|---------|---------|
| 2587 | 0 | 0 | -*- | -*- | -0.680000E-02 | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 1
LARGEST NODE OR ELEMENT NUMBER = 2587

L O A D C A S E 20

Gsettl_P1

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---------------|--------------|------|---------|---------|---------------|---------|---------|---------|
| 2588 | 0 | 0 | -*- | -*- | -0.830000E-02 | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 1
LARGEST NODE OR ELEMENT NUMBER = 2588

L O A D C A S E 25

Gsettl_P2

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---------------|--------------|------|---------|---------|---------------|---------|---------|---------|
| 2589 | 0 | 0 | -*- | -*- | -0.970000E-02 | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 1
LARGEST NODE OR ELEMENT NUMBER = 2589

L O A D C A S E 44

Gsettl_P3

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------------------------------|-----------|------|---------|---------|---------------|---------|---------|---------|
| 2590 | 0 | 0 | -*- | -*- | -0.970000E-02 | -*- | -*- | -*- |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 1 | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2590 | | | |

L O A D C A S E 45

Gsettl_P4

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------------------------------|-----------|------|---------|---------|---------------|---------|---------|---------|
| 2591 | 0 | 0 | -*- | -*- | -0.970000E-02 | -*- | -*- | -*- |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 1 | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2591 | | | |

L O A D C A S E 46

Gsettl_P5

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------------------------------|-----------|------|---------|---------|---------------|---------|---------|---------|
| 2592 | 0 | 0 | -*- | -*- | -0.970000E-02 | -*- | -*- | -*- |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 1 | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2592 | | | |

L O A D C A S E 47

Gsettl_P6

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------------------------------|-----------|------|---------|---------|---------------|---------|---------|---------|
| 2593 | 0 | 0 | -*- | -*- | -0.970000E-02 | -*- | -*- | -*- |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 1 | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2593 | | | |

L O A D C A S E 48

Gsettl_P7

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------------------------------|-----------|------|---------|---------|---------------|---------|---------|---------|
| 2594 | 0 | 0 | -- | -- | -0.830000E-02 | -- | -- | -- |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 1 | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2594 | | | |

DATA STORAGE LOCATIONS USED = 4241

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

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT | LAST ELT | DIFF RNCE | OUTPUT CONTROL | AVERAGED NODAL VALUES GROUP | NODAL FORCE OUTPUT GROUP | HISTORY CONTROL | PLOT FILE CONTROL |
|---------------------------------------|----------|-----------|----------------|-----------------------------|--------------------------|-----------------|-------------------|
| 1 | 1507 | 1 | 0 | 0 | 0 | 0 | 0 |
| TOTAL NUMBER OF ELEMENT OUTPUT SETS | | | | = | 1 | | |
| TOTAL NUMBER OF ELEMENTS OUTPUT | | | | = | 1507 | | |
| LARGEST ELEMENT NUMBER INPUT | | | | = | 1507 | | |
| LARGEST ELEMENT OUTPUT CONTROL NUMBER | | | | = | 0 | | |

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFF RNCE | OUTPUT CONTROL | HISTORY CONTROL | |
|-------------------------------------|-----------|-----------|----------------|-----------------|------|
| 1 | 2742 | 1 | 0 | 0 | |
| TOTAL NUMBER OF NODE OUTPUT SETS | | | | = | 1 |
| TOTAL NUMBER OF NODES OUTPUT | | | | = | 0 |
| LARGEST NODE NUMBER INPUT | | | | = | 2742 |
| LARGEST NODE OUTPUT CONTROL NUMBER | | | | = | 0 |
| LARGEST NODE HISTORY CONTROL NUMBER | | | | = | 0 |

DATA STORAGE LOCATIONS USED = 0

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

| | | |
|---------------------------------------|---|----------------------------------|
| TOTAL NUMBER OF ELEMENTS | = | 1507 |
| TOTAL NUMBER OF CONSTRAINTS | = | 24 |
| TOTAL NUMBER OF NODES | = | 2742 |
| TOTAL NUMBER OF SUPPORT NODES | = | 20 |
| TOTAL NUMBER OF LOADING CASES | = | 19 |
| LOCATIONS USED DURING DATA PROCESSING | = | 157328849 |
| LOCATIONS AVAILABLE | = | 196608000 |
| TIME USED TO PROCESS INPUT DATA | = | 0.26100 SEC. |
| TIME AT CENTRAL PROCESSOR | = | 8:36:42 ON 22/06/23 (DAY/MTH/YR) |

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1507
 INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 0

WARNING THE FAST PARALLEL SOLVER WILL BE USED AS DEFAULT IF CONSTRAINT EQUATIONS ARE PRESENT - EXPLICITLY SPECIFYING THE SOLVER TYPE WILL OVERRIDE (SOLTYP PROCESSOR)

WARNING NODES 2585 AND 2567 FOR ELEMENT NUMBER 1481 ARE NOT COINCIDENT THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

WARNING NODES 2570 AND 2573 FOR ELEMENT NUMBER 1482 ARE NOT COINCIDENT THE DISTANCE BETWEEN THEM IS 0.1000 (BMTJNT PROCESSOR)

WARNING NODES 2586 AND 2576 FOR ELEMENT NUMBER 1483 ARE NOT COINCIDENT THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

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

| | | | | | | |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| LOAD CASE | 14 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE | 15 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE | 16 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE | 17 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE | 18 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE | 19 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE | 20 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE | 25 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE | 44 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE | 45 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE | 46 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE | 47 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE | 48 | | | | | |
| TOTALS FOR | | | | | | |
| STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2155

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.500000E-02 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 72010

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 13015587
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7020
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7020
TOTAL NO. OF EQUATIONS = 7044
TOTAL NO. OF ACTIVE NODES = 1170

NUMBER OF ELEMENT GROUPS = 2
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1442

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 2652135
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 7481248
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 2410598
TOTAL SIZE OF ELEMENT DATA RECORDS = 2751008
TOTAL SIZE OF ELEMENT RESULT RECORDS = 7596328
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 40912
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 248833

TIME FOR PRE-SOLUTION PROCESS = 0.360000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 8:36:42 ON 22/06/23 (DAY/MTH/YR)

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

=====

Solving symmetric indefinite matrix
Minimum degree equation re-ordering algorithm used
Number of nonzeros in L and U = 106311
Number of iterative refinement steps = 4
Number of positive eigenvalues = 6900
Number of negative eigenvalues = 24
Peak memory used during analysis and symbolic factorisation (MB) = 4.45
Total peak memory used during solve (MB) = 7.80
In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.87771E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.84928E-20
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.15475E-20

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.94256E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 = 0.10438E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 6 = 0.31321E-22
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 7 = 0.13782E-22
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 8 = 0.49066E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 9 = 0.41785E-24
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 10 = 0.36992E-24
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 11 = 0.15967E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 12 = 0.15948E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 13 = 0.37561E-24
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 14 = 0.14141E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 15 = 0.31821E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 16 = 0.87427E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 17 = 0.45516E-22
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 18 = 0.10799E-21
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 19 = 0.43205E-21

TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 13208896
 LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1347
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.71500 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 1.0130 SEC.

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

TIME AT CENTRAL PROCESSOR = 8:36:43 ON 22/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

| Disk Unit Name | Disk Page Size (Bytes) | Calls to I/O Routines | Buffered Transfers | Disk Accesses | Page Table Swaps | Peak File Size (Mbytes) |
|----------------|------------------------|-----------------------|--------------------|---------------|------------------|-------------------------|
| PROBLEM | 16384 | 180 | 6832 | 5675 | 0 | 71.79688 |
| FRONTAL | 16384 | 0 | 0 | 0 | 0 | 0.1562500E-01 |
| SHAPES | 16384 | 6 | 582 | 581 | 0 | 4.156250 |
| PLOT | 16384 | 28707 | 34625 | 5834 | 0 | 93.39062 |
| RESTART | 0 | 0 | 0 | 0 | 0 | 0.0000000E+00 |

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 8:36:29 ON 22/06/23 (DAY/MTH/YR)

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

VBNMAME VALUE
NLPZ 196608000
NPGS 960

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

Build Information : MODELLER04 - Dec 23 2022 12:33:43

Kit Version : 20.0-2
Solver Version : 20.0.1617.7496 (32-bit)

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

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

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

KeyID 15062 licensed on PC processor. Expires 1-07-2024
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\LUSAS200\Programs (x86)\Lusas_S.exe
Input file :
D:\SynologyDrive\01_lavoro\48_037_09_23_632_418_Due_Viadotti_Trevalli_Esec_Sintagma_LF\03_calcoli\VI02_molino_vecchio\LUSASFiles
32\Molino_Vecchio_Sottostrutture_15_g\Molino_Vecchio_Sottostrutture_15_g~04_Fase3.dat

Number of processors available : 20
Maximum number of threads available : 20

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 8:36:30 ON 22/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|----------------|----------------------|------|------|------|
| | JSH4 | | | |
| | ELEMENTS | | | |
| 1443 | 2581 | 2605 | 2613 | 2614 |
| 1444 | 2582 | 2606 | 2615 | 2616 |
| 1445 | 1 | 613 | 2617 | 2618 |
| 1446 | 4 | 670 | 2619 | 2620 |
| 1447 | 67 | 616 | 2621 | 2622 |
| 1448 | 69 | 673 | 2623 | 2624 |
| 1449 | 110 | 619 | 2625 | 2626 |
| 1450 | 108 | 676 | 2627 | 2628 |
| 1451 | 147 | 622 | 2629 | 2630 |
| 1452 | 145 | 679 | 2631 | 2632 |
| 1453 | 184 | 625 | 2633 | 2634 |
| 1454 | 182 | 682 | 2635 | 2636 |
| 1455 | 221 | 628 | 2637 | 2638 |
| 1456 | 219 | 685 | 2639 | 2640 |
| 1457 | 258 | 631 | 2641 | 2642 |
| 1458 | 256 | 688 | 2643 | 2644 |
| 1459 | 597 | 634 | 2645 | 2646 |
| 1460 | 605 | 691 | 2647 | 2648 |
| 1461 | 593 | 2607 | 2649 | 2650 |
| 1462 | 601 | 2608 | 2651 | 2652 |
| 1463 | 295 | 640 | 2653 | 2654 |
| 1464 | 293 | 697 | 2655 | 2656 |
| 1465 | 332 | 643 | 2657 | 2658 |
| 1466 | 330 | 700 | 2659 | 2660 |
| 1467 | 369 | 646 | 2661 | 2662 |
| 1468 | 367 | 703 | 2663 | 2664 |
| 1469 | 406 | 649 | 2665 | 2666 |
| 1470 | 404 | 706 | 2667 | 2668 |
| 1471 | 443 | 652 | 2669 | 2670 |
| 1472 | 441 | 709 | 2671 | 2672 |
| 1473 | 480 | 655 | 2673 | 2674 |
| 1474 | 478 | 712 | 2675 | 2676 |
| 1475 | 517 | 658 | 2677 | 2678 |
| 1476 | 515 | 715 | 2679 | 2680 |
| 1477 | 554 | 661 | 2681 | 2682 |
| 1478 | 552 | 718 | 2683 | 2684 |
| 1479 | 2583 | 2609 | 2685 | 2686 |
| 1480 | 2584 | 2610 | 2687 | 2688 |
| 1481 | 2585 | 2567 | 2689 | 2690 |
| 1482 | 2570 | 2573 | 2691 | 2692 |
| 1483 | 2586 | 2576 | 2693 | 2694 |
| 1484 | 2587 | 2611 | 2695 | 2696 |
| 1485 | 2588 | 71 | 2697 | 2698 |
| 1486 | 2589 | 73 | 2699 | 2700 |
| 1487 | 2590 | 106 | 2701 | 2702 |
| 1488 | 2591 | 143 | 2703 | 2704 |
| 1489 | 2592 | 180 | 2705 | 2706 |
| 1490 | 2593 | 217 | 2707 | 2708 |
| 1491 | 2594 | 254 | 2709 | 2710 |
| 1492 | 2595 | 583 | 2711 | 2712 |
| 1493 | 2596 | 291 | 2713 | 2714 |
| 1494 | 2597 | 328 | 2715 | 2716 |
| 1495 | 2598 | 365 | 2717 | 2718 |
| 1496 | 2599 | 402 | 2719 | 2720 |
| 1497 | 2600 | 439 | 2721 | 2722 |
| 1498 | 2601 | 476 | 2723 | 2724 |
| 1499 | 2602 | 513 | 2725 | 2726 |
| 1500 | 2603 | 550 | 2727 | 2728 |
| 1501 | 2604 | 2612 | 2729 | 2730 |
| 1502 | 2605 | 610 | 2731 | 2732 |
| 1503 | 2606 | 667 | 2733 | 2734 |
| 1504 | 2607 | 637 | 2735 | 2736 |
| 1505 | 2608 | 694 | 2737 | 2738 |
| 1506 | 2609 | 664 | 2739 | 2740 |
| 1507 | 2610 | 2579 | 2741 | 2742 |

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED) |
|----------------|----------------------|---|
| | BMI21 | |
| | ELEMENTS | |
| 1 | 1 2 3 | |
| 2 | 4 5 6 | |
| 3 | 2 7 8 | |
| 4 | 5 9 10 | |
| 5 | 7 11 12 | |
| 6 | 11 9 13 | |
| 7 | 9 14 15 | |
| 8 | 16 7 17 | |
| 9 | 11 18 19 | |
| 10 | 18 21 28 | |
| 11 | 21 22 29 | |
| 12 | 22 23 30 | |

| | | | |
|-----|-----|-----|-----|
| 13 | 23 | 24 | 31 |
| 14 | 24 | 25 | 32 |
| 15 | 25 | 26 | 33 |
| 16 | 26 | 27 | 34 |
| 17 | 27 | 20 | 35 |
| 18 | 36 | 37 | 38 |
| 19 | 39 | 40 | 41 |
| 20 | 37 | 42 | 43 |
| 21 | 42 | 40 | 44 |
| 22 | 40 | 45 | 46 |
| 23 | 47 | 37 | 48 |
| 24 | 42 | 49 | 50 |
| 25 | 49 | 52 | 59 |
| 26 | 52 | 53 | 60 |
| 27 | 53 | 54 | 61 |
| 28 | 54 | 55 | 62 |
| 29 | 55 | 56 | 63 |
| 30 | 56 | 57 | 64 |
| 31 | 57 | 58 | 65 |
| 32 | 58 | 51 | 66 |
| 33 | 67 | 36 | 68 |
| 34 | 69 | 39 | 70 |
| 35 | 20 | 71 | 72 |
| 36 | 51 | 73 | 74 |
| 37 | 75 | 76 | 77 |
| 38 | 78 | 79 | 80 |
| 39 | 76 | 81 | 82 |
| 40 | 81 | 79 | 83 |
| 41 | 79 | 84 | 85 |
| 42 | 86 | 76 | 87 |
| 43 | 81 | 88 | 89 |
| 44 | 88 | 91 | 98 |
| 45 | 91 | 92 | 99 |
| 46 | 92 | 93 | 100 |
| 47 | 93 | 94 | 101 |
| 48 | 94 | 95 | 102 |
| 49 | 95 | 96 | 103 |
| 50 | 96 | 97 | 104 |
| 51 | 97 | 90 | 105 |
| 52 | 90 | 106 | 107 |
| 53 | 108 | 78 | 109 |
| 54 | 110 | 75 | 111 |
| 55 | 112 | 113 | 114 |
| 56 | 115 | 116 | 117 |
| 57 | 113 | 118 | 119 |
| 58 | 118 | 116 | 120 |
| 59 | 116 | 121 | 122 |
| 60 | 123 | 113 | 124 |
| 61 | 118 | 125 | 126 |
| 62 | 125 | 128 | 135 |
| 63 | 128 | 129 | 136 |
| 64 | 129 | 130 | 137 |
| 65 | 130 | 131 | 138 |
| 66 | 131 | 132 | 139 |
| 67 | 132 | 133 | 140 |
| 68 | 133 | 134 | 141 |
| 69 | 134 | 127 | 142 |
| 70 | 127 | 143 | 144 |
| 71 | 145 | 115 | 146 |
| 72 | 147 | 112 | 148 |
| 73 | 149 | 150 | 151 |
| 74 | 152 | 153 | 154 |
| 75 | 150 | 155 | 156 |
| 76 | 155 | 153 | 157 |
| 77 | 153 | 158 | 159 |
| 78 | 160 | 150 | 161 |
| 79 | 155 | 162 | 163 |
| 80 | 162 | 165 | 172 |
| 81 | 165 | 166 | 173 |
| 82 | 166 | 167 | 174 |
| 83 | 167 | 168 | 175 |
| 84 | 168 | 169 | 176 |
| 85 | 169 | 170 | 177 |
| 86 | 170 | 171 | 178 |
| 87 | 171 | 164 | 179 |
| 88 | 164 | 180 | 181 |
| 89 | 182 | 152 | 183 |
| 90 | 184 | 149 | 185 |
| 91 | 186 | 187 | 188 |
| 92 | 189 | 190 | 191 |
| 93 | 187 | 192 | 193 |
| 94 | 192 | 190 | 194 |
| 95 | 190 | 195 | 196 |
| 96 | 197 | 187 | 198 |
| 97 | 192 | 199 | 200 |
| 98 | 199 | 202 | 209 |
| 99 | 202 | 203 | 210 |
| 100 | 203 | 204 | 211 |
| 101 | 204 | 205 | 212 |
| 102 | 205 | 206 | 213 |
| 103 | 206 | 207 | 214 |
| 104 | 207 | 208 | 215 |
| 105 | 208 | 201 | 216 |
| 106 | 201 | 217 | 218 |
| 107 | 219 | 189 | 220 |
| 108 | 221 | 186 | 222 |
| 109 | 223 | 224 | 225 |
| 110 | 226 | 227 | 228 |
| 111 | 224 | 229 | 230 |
| 112 | 229 | 227 | 231 |
| 113 | 227 | 232 | 233 |
| 114 | 234 | 224 | 235 |
| 115 | 229 | 236 | 237 |
| 116 | 236 | 239 | 246 |
| 117 | 239 | 240 | 247 |

| | | | |
|-----|-----|-----|-----|
| 118 | 240 | 241 | 248 |
| 119 | 241 | 242 | 249 |
| 120 | 242 | 243 | 250 |
| 121 | 243 | 244 | 251 |
| 122 | 244 | 245 | 252 |
| 123 | 245 | 238 | 253 |
| 124 | 238 | 254 | 255 |
| 125 | 256 | 226 | 257 |
| 126 | 258 | 223 | 259 |
| 127 | 260 | 261 | 262 |
| 128 | 263 | 264 | 265 |
| 129 | 261 | 266 | 267 |
| 130 | 266 | 264 | 268 |
| 131 | 264 | 269 | 270 |
| 132 | 271 | 261 | 272 |
| 133 | 266 | 273 | 274 |
| 134 | 273 | 276 | 283 |
| 135 | 276 | 277 | 284 |
| 136 | 277 | 278 | 285 |
| 137 | 278 | 279 | 286 |
| 138 | 279 | 280 | 287 |
| 139 | 280 | 281 | 288 |
| 140 | 281 | 282 | 289 |
| 141 | 282 | 275 | 290 |
| 142 | 275 | 291 | 292 |
| 143 | 293 | 263 | 294 |
| 144 | 295 | 260 | 296 |
| 145 | 297 | 298 | 299 |
| 146 | 300 | 301 | 302 |
| 147 | 298 | 303 | 304 |
| 148 | 303 | 301 | 305 |
| 149 | 301 | 306 | 307 |
| 150 | 308 | 298 | 309 |
| 151 | 303 | 310 | 311 |
| 152 | 310 | 313 | 320 |
| 153 | 313 | 314 | 321 |
| 154 | 314 | 315 | 322 |
| 155 | 315 | 316 | 323 |
| 156 | 316 | 317 | 324 |
| 157 | 317 | 318 | 325 |
| 158 | 318 | 319 | 326 |
| 159 | 319 | 312 | 327 |
| 160 | 312 | 328 | 329 |
| 161 | 330 | 300 | 331 |
| 162 | 332 | 297 | 333 |
| 163 | 334 | 335 | 336 |
| 164 | 337 | 338 | 339 |
| 165 | 335 | 340 | 341 |
| 166 | 340 | 338 | 342 |
| 167 | 338 | 343 | 344 |
| 168 | 345 | 335 | 346 |
| 169 | 340 | 347 | 348 |
| 170 | 347 | 350 | 357 |
| 171 | 350 | 351 | 358 |
| 172 | 351 | 352 | 359 |
| 173 | 352 | 353 | 360 |
| 174 | 353 | 354 | 361 |
| 175 | 354 | 355 | 362 |
| 176 | 355 | 356 | 363 |
| 177 | 356 | 349 | 364 |
| 178 | 349 | 365 | 366 |
| 179 | 367 | 337 | 368 |
| 180 | 369 | 334 | 370 |
| 181 | 371 | 372 | 373 |
| 182 | 374 | 375 | 376 |
| 183 | 372 | 377 | 378 |
| 184 | 377 | 375 | 379 |
| 185 | 375 | 380 | 381 |
| 186 | 382 | 372 | 383 |
| 187 | 377 | 384 | 385 |
| 188 | 384 | 387 | 394 |
| 189 | 387 | 388 | 395 |
| 190 | 388 | 389 | 396 |
| 191 | 389 | 390 | 397 |
| 192 | 390 | 391 | 398 |
| 193 | 391 | 392 | 399 |
| 194 | 392 | 393 | 400 |
| 195 | 393 | 386 | 401 |
| 196 | 386 | 402 | 403 |
| 197 | 404 | 374 | 405 |
| 198 | 406 | 371 | 407 |
| 199 | 408 | 409 | 410 |
| 200 | 411 | 412 | 413 |
| 201 | 409 | 414 | 415 |
| 202 | 414 | 412 | 416 |
| 203 | 412 | 417 | 418 |
| 204 | 419 | 409 | 420 |
| 205 | 414 | 421 | 422 |
| 206 | 421 | 424 | 431 |
| 207 | 424 | 425 | 432 |
| 208 | 425 | 426 | 433 |
| 209 | 426 | 427 | 434 |
| 210 | 427 | 428 | 435 |
| 211 | 428 | 429 | 436 |
| 212 | 429 | 430 | 437 |
| 213 | 430 | 423 | 438 |
| 214 | 423 | 439 | 440 |
| 215 | 441 | 411 | 442 |
| 216 | 443 | 408 | 444 |
| 217 | 445 | 446 | 447 |
| 218 | 448 | 449 | 450 |
| 219 | 446 | 451 | 452 |
| 220 | 451 | 449 | 453 |
| 221 | 449 | 454 | 455 |
| 222 | 456 | 446 | 457 |

| | | | |
|-----|-----|-----|-----|
| 223 | 451 | 458 | 459 |
| 224 | 458 | 461 | 468 |
| 225 | 461 | 462 | 469 |
| 226 | 462 | 463 | 470 |
| 227 | 463 | 464 | 471 |
| 228 | 464 | 465 | 472 |
| 229 | 465 | 466 | 473 |
| 230 | 466 | 467 | 474 |
| 231 | 467 | 460 | 475 |
| 232 | 460 | 476 | 477 |
| 233 | 478 | 448 | 479 |
| 234 | 480 | 445 | 481 |
| 235 | 482 | 483 | 484 |
| 236 | 485 | 486 | 487 |
| 237 | 483 | 488 | 489 |
| 238 | 488 | 486 | 490 |
| 239 | 486 | 491 | 492 |
| 240 | 493 | 483 | 494 |
| 241 | 488 | 495 | 496 |
| 242 | 495 | 498 | 505 |
| 243 | 498 | 499 | 506 |
| 244 | 499 | 500 | 507 |
| 245 | 500 | 501 | 508 |
| 246 | 501 | 502 | 509 |
| 247 | 502 | 503 | 510 |
| 248 | 503 | 504 | 511 |
| 249 | 504 | 497 | 512 |
| 250 | 497 | 513 | 514 |
| 251 | 515 | 485 | 516 |
| 252 | 517 | 482 | 518 |
| 253 | 519 | 520 | 521 |
| 254 | 522 | 523 | 524 |
| 255 | 520 | 525 | 526 |
| 256 | 525 | 523 | 527 |
| 257 | 523 | 528 | 529 |
| 258 | 530 | 520 | 531 |
| 259 | 525 | 532 | 533 |
| 260 | 532 | 535 | 542 |
| 261 | 535 | 536 | 543 |
| 262 | 536 | 537 | 544 |
| 263 | 537 | 538 | 545 |
| 264 | 538 | 539 | 546 |
| 265 | 539 | 540 | 547 |
| 266 | 540 | 541 | 548 |
| 267 | 541 | 534 | 549 |
| 268 | 534 | 550 | 551 |
| 269 | 552 | 522 | 553 |
| 270 | 554 | 519 | 555 |
| 271 | 556 | 557 | 558 |
| 272 | 557 | 559 | 560 |
| 273 | 559 | 561 | 562 |
| 274 | 563 | 556 | 564 |
| 275 | 557 | 565 | 566 |
| 276 | 565 | 568 | 575 |
| 277 | 568 | 569 | 576 |
| 278 | 569 | 570 | 577 |
| 279 | 570 | 571 | 578 |
| 280 | 571 | 572 | 579 |
| 281 | 572 | 573 | 580 |
| 282 | 573 | 574 | 581 |
| 283 | 574 | 567 | 582 |
| 284 | 567 | 583 | 584 |
| 285 | 585 | 559 | 586 |
| 286 | 559 | 587 | 588 |
| 287 | 589 | 556 | 590 |
| 288 | 556 | 591 | 592 |
| 289 | 593 | 594 | 595 |
| 290 | 594 | 591 | 596 |
| 291 | 597 | 598 | 599 |
| 292 | 598 | 589 | 600 |
| 293 | 601 | 602 | 603 |
| 294 | 602 | 587 | 604 |
| 295 | 605 | 606 | 607 |
| 296 | 606 | 585 | 608 |
| 297 | 609 | 610 | 611 |
| 298 | 612 | 613 | 614 |
| 299 | 615 | 616 | 617 |
| 300 | 618 | 619 | 620 |
| 301 | 621 | 622 | 623 |
| 302 | 624 | 625 | 626 |
| 303 | 627 | 628 | 629 |
| 304 | 630 | 631 | 632 |
| 305 | 633 | 634 | 635 |
| 306 | 636 | 637 | 638 |
| 307 | 639 | 640 | 641 |
| 308 | 642 | 643 | 644 |
| 309 | 645 | 646 | 647 |
| 310 | 648 | 649 | 650 |
| 311 | 651 | 652 | 653 |
| 312 | 654 | 655 | 656 |
| 313 | 657 | 658 | 659 |
| 314 | 660 | 661 | 662 |
| 315 | 663 | 664 | 665 |
| 316 | 666 | 667 | 668 |
| 317 | 669 | 670 | 671 |
| 318 | 672 | 673 | 674 |
| 319 | 675 | 676 | 677 |
| 320 | 678 | 679 | 680 |
| 321 | 681 | 682 | 683 |
| 322 | 684 | 685 | 686 |
| 323 | 687 | 688 | 689 |
| 324 | 690 | 691 | 692 |
| 325 | 693 | 694 | 695 |
| 326 | 696 | 697 | 698 |
| 327 | 699 | 700 | 701 |

| | | | |
|-----|------|------|------|
| 328 | 702 | 703 | 704 |
| 329 | 705 | 706 | 707 |
| 330 | 708 | 709 | 710 |
| 331 | 711 | 712 | 713 |
| 332 | 714 | 715 | 716 |
| 333 | 717 | 718 | 719 |
| 334 | 666 | 609 | 720 |
| 335 | 711 | 654 | 721 |
| 336 | 714 | 657 | 722 |
| 337 | 717 | 660 | 723 |
| 338 | 724 | 663 | 725 |
| 339 | 726 | 727 | 728 |
| 340 | 729 | 730 | 731 |
| 341 | 732 | 733 | 734 |
| 342 | 735 | 736 | 737 |
| 343 | 738 | 739 | 740 |
| 344 | 741 | 742 | 743 |
| 345 | 744 | 745 | 746 |
| 346 | 747 | 748 | 749 |
| 347 | 750 | 751 | 752 |
| 348 | 753 | 754 | 755 |
| 349 | 756 | 757 | 758 |
| 350 | 759 | 760 | 761 |
| 351 | 762 | 763 | 764 |
| 352 | 765 | 766 | 767 |
| 353 | 768 | 769 | 770 |
| 354 | 771 | 772 | 773 |
| 355 | 774 | 775 | 776 |
| 356 | 777 | 778 | 779 |
| 357 | 780 | 781 | 782 |
| 358 | 783 | 784 | 785 |
| 359 | 786 | 787 | 788 |
| 360 | 789 | 790 | 791 |
| 361 | 792 | 793 | 794 |
| 362 | 795 | 796 | 797 |
| 363 | 798 | 799 | 800 |
| 364 | 801 | 802 | 803 |
| 365 | 804 | 805 | 806 |
| 366 | 807 | 808 | 809 |
| 367 | 810 | 811 | 812 |
| 368 | 813 | 814 | 815 |
| 369 | 816 | 817 | 818 |
| 370 | 819 | 820 | 821 |
| 371 | 822 | 823 | 824 |
| 372 | 825 | 826 | 827 |
| 373 | 828 | 829 | 830 |
| 374 | 831 | 832 | 833 |
| 375 | 834 | 835 | 836 |
| 376 | 837 | 838 | 839 |
| 377 | 840 | 841 | 842 |
| 378 | 843 | 844 | 845 |
| 379 | 846 | 847 | 848 |
| 380 | 849 | 850 | 851 |
| 381 | 852 | 853 | 854 |
| 382 | 855 | 856 | 857 |
| 383 | 858 | 859 | 860 |
| 384 | 861 | 862 | 863 |
| 385 | 864 | 865 | 866 |
| 386 | 867 | 868 | 869 |
| 387 | 870 | 871 | 872 |
| 388 | 873 | 874 | 875 |
| 389 | 876 | 877 | 878 |
| 390 | 879 | 880 | 881 |
| 391 | 882 | 883 | 884 |
| 392 | 885 | 886 | 887 |
| 393 | 888 | 889 | 890 |
| 394 | 891 | 892 | 893 |
| 395 | 894 | 895 | 896 |
| 396 | 897 | 898 | 899 |
| 397 | 900 | 901 | 902 |
| 398 | 903 | 904 | 905 |
| 399 | 906 | 907 | 908 |
| 400 | 909 | 910 | 911 |
| 401 | 912 | 913 | 914 |
| 402 | 915 | 916 | 917 |
| 403 | 918 | 919 | 920 |
| 404 | 921 | 922 | 923 |
| 405 | 924 | 925 | 926 |
| 406 | 927 | 928 | 929 |
| 407 | 930 | 931 | 932 |
| 408 | 933 | 934 | 935 |
| 409 | 936 | 937 | 938 |
| 410 | 939 | 940 | 941 |
| 411 | 942 | 943 | 944 |
| 412 | 945 | 946 | 947 |
| 413 | 948 | 949 | 950 |
| 414 | 951 | 952 | 953 |
| 415 | 954 | 955 | 956 |
| 416 | 957 | 958 | 959 |
| 417 | 960 | 961 | 962 |
| 418 | 963 | 964 | 965 |
| 419 | 966 | 967 | 968 |
| 420 | 969 | 970 | 971 |
| 421 | 972 | 973 | 974 |
| 422 | 975 | 976 | 977 |
| 423 | 978 | 979 | 980 |
| 424 | 981 | 982 | 983 |
| 425 | 984 | 985 | 986 |
| 426 | 987 | 988 | 989 |
| 427 | 990 | 991 | 992 |
| 428 | 993 | 994 | 995 |
| 429 | 996 | 997 | 998 |
| 430 | 999 | 1000 | 1001 |
| 431 | 1002 | 1003 | 1004 |
| 432 | 1005 | 1006 | 1007 |

| | | | |
|-----|------|------|------|
| 433 | 1008 | 1009 | 1010 |
| 434 | 1011 | 1012 | 1013 |
| 435 | 1014 | 1015 | 1016 |
| 436 | 1017 | 1018 | 1019 |
| 437 | 1020 | 1021 | 1022 |
| 438 | 1023 | 1024 | 1025 |
| 439 | 1026 | 1027 | 1028 |
| 440 | 1029 | 1030 | 1031 |
| 441 | 1032 | 1033 | 1034 |
| 442 | 1035 | 1036 | 1037 |
| 443 | 1038 | 1039 | 1040 |
| 444 | 1041 | 1042 | 1043 |
| 445 | 1044 | 1045 | 1046 |
| 446 | 1047 | 1048 | 1049 |
| 447 | 1050 | 1051 | 1052 |
| 448 | 1053 | 1054 | 1055 |
| 449 | 1056 | 1057 | 1058 |
| 450 | 1059 | 1060 | 1061 |
| 451 | 1062 | 1063 | 1064 |
| 452 | 1065 | 1066 | 1067 |
| 453 | 1068 | 1069 | 1070 |
| 454 | 1071 | 1072 | 1073 |
| 455 | 1074 | 1075 | 1076 |
| 456 | 1077 | 1078 | 1079 |
| 457 | 1080 | 1081 | 1082 |
| 458 | 1083 | 1084 | 1085 |
| 459 | 1086 | 1087 | 1088 |
| 460 | 1089 | 1090 | 1091 |
| 461 | 1092 | 1093 | 1094 |
| 462 | 1095 | 1096 | 1097 |
| 463 | 1098 | 1099 | 1100 |
| 464 | 1101 | 1102 | 1103 |
| 465 | 1104 | 1105 | 1106 |
| 466 | 1107 | 1108 | 1109 |
| 467 | 1110 | 1111 | 1112 |
| 468 | 1113 | 1114 | 1115 |
| 469 | 1116 | 1117 | 1118 |
| 470 | 1119 | 1120 | 1121 |
| 471 | 1122 | 1123 | 1124 |
| 472 | 1125 | 1126 | 1127 |
| 473 | 1128 | 1129 | 1130 |
| 474 | 1131 | 1132 | 1133 |
| 475 | 1134 | 1135 | 1136 |
| 476 | 1137 | 1138 | 1139 |
| 477 | 1140 | 1141 | 1142 |
| 478 | 1143 | 1144 | 1145 |
| 479 | 1146 | 1147 | 1148 |
| 480 | 669 | 612 | 1149 |
| 481 | 672 | 615 | 1150 |
| 482 | 675 | 618 | 1151 |
| 483 | 678 | 621 | 1152 |
| 484 | 681 | 624 | 1153 |
| 485 | 684 | 627 | 1154 |
| 486 | 687 | 630 | 1155 |
| 487 | 690 | 633 | 1156 |
| 488 | 693 | 636 | 1157 |
| 489 | 696 | 639 | 1158 |
| 490 | 699 | 642 | 1159 |
| 491 | 702 | 645 | 1160 |
| 492 | 705 | 648 | 1161 |
| 493 | 708 | 651 | 1162 |
| 494 | 666 | 609 | 1163 |
| 495 | 711 | 654 | 1164 |
| 496 | 714 | 657 | 1165 |
| 497 | 717 | 660 | 1166 |
| 498 | 726 | 727 | 1167 |
| 499 | 729 | 730 | 1168 |
| 500 | 732 | 733 | 1169 |
| 501 | 735 | 736 | 1170 |
| 502 | 738 | 739 | 1171 |
| 503 | 741 | 742 | 1172 |
| 504 | 744 | 745 | 1173 |
| 505 | 747 | 748 | 1174 |
| 506 | 750 | 751 | 1175 |
| 507 | 753 | 754 | 1176 |
| 508 | 756 | 757 | 1177 |
| 509 | 759 | 760 | 1178 |
| 510 | 762 | 763 | 1179 |
| 511 | 765 | 766 | 1180 |
| 512 | 768 | 769 | 1181 |
| 513 | 771 | 772 | 1182 |
| 514 | 774 | 775 | 1183 |
| 515 | 777 | 778 | 1184 |
| 516 | 780 | 781 | 1185 |
| 517 | 783 | 784 | 1186 |
| 518 | 786 | 787 | 1187 |
| 519 | 789 | 790 | 1188 |
| 520 | 792 | 793 | 1189 |
| 521 | 795 | 796 | 1190 |
| 522 | 798 | 799 | 1191 |
| 523 | 801 | 802 | 1192 |
| 524 | 804 | 805 | 1193 |
| 525 | 807 | 808 | 1194 |
| 526 | 810 | 811 | 1195 |
| 527 | 813 | 814 | 1196 |
| 528 | 816 | 817 | 1197 |
| 529 | 819 | 820 | 1198 |
| 530 | 822 | 823 | 1199 |
| 531 | 825 | 826 | 1200 |
| 532 | 828 | 829 | 1201 |
| 533 | 831 | 832 | 1202 |
| 534 | 834 | 835 | 1203 |
| 535 | 837 | 838 | 1204 |
| 536 | 840 | 841 | 1205 |
| 537 | 843 | 844 | 1206 |

| | | | |
|-----|------|------|------|
| 538 | 846 | 847 | 1207 |
| 539 | 849 | 850 | 1208 |
| 540 | 852 | 853 | 1209 |
| 541 | 855 | 856 | 1210 |
| 542 | 858 | 859 | 1211 |
| 543 | 861 | 862 | 1212 |
| 544 | 864 | 865 | 1213 |
| 545 | 867 | 868 | 1214 |
| 546 | 870 | 871 | 1215 |
| 547 | 873 | 874 | 1216 |
| 548 | 876 | 877 | 1217 |
| 549 | 879 | 880 | 1218 |
| 550 | 882 | 883 | 1219 |
| 551 | 885 | 886 | 1220 |
| 552 | 888 | 889 | 1221 |
| 553 | 891 | 892 | 1222 |
| 554 | 894 | 895 | 1223 |
| 555 | 897 | 898 | 1224 |
| 556 | 900 | 901 | 1225 |
| 557 | 903 | 904 | 1226 |
| 558 | 906 | 907 | 1227 |
| 559 | 909 | 910 | 1228 |
| 560 | 912 | 913 | 1229 |
| 561 | 915 | 916 | 1230 |
| 562 | 918 | 919 | 1231 |
| 563 | 921 | 922 | 1232 |
| 564 | 924 | 925 | 1233 |
| 565 | 927 | 928 | 1234 |
| 566 | 930 | 931 | 1235 |
| 567 | 933 | 934 | 1236 |
| 568 | 936 | 937 | 1237 |
| 569 | 939 | 940 | 1238 |
| 570 | 942 | 943 | 1239 |
| 571 | 945 | 946 | 1240 |
| 572 | 948 | 949 | 1241 |
| 573 | 951 | 952 | 1242 |
| 574 | 954 | 955 | 1243 |
| 575 | 957 | 958 | 1244 |
| 576 | 960 | 961 | 1245 |
| 577 | 963 | 964 | 1246 |
| 578 | 966 | 967 | 1247 |
| 579 | 969 | 970 | 1248 |
| 580 | 972 | 973 | 1249 |
| 581 | 975 | 976 | 1250 |
| 582 | 978 | 979 | 1251 |
| 583 | 981 | 982 | 1252 |
| 584 | 984 | 985 | 1253 |
| 585 | 987 | 988 | 1254 |
| 586 | 990 | 991 | 1255 |
| 587 | 993 | 994 | 1256 |
| 588 | 996 | 997 | 1257 |
| 589 | 999 | 1000 | 1258 |
| 590 | 1002 | 1003 | 1259 |
| 591 | 1005 | 1006 | 1260 |
| 592 | 1008 | 1009 | 1261 |
| 593 | 1011 | 1012 | 1262 |
| 594 | 1014 | 1015 | 1263 |
| 595 | 1017 | 1018 | 1264 |
| 596 | 1020 | 1021 | 1265 |
| 597 | 1023 | 1024 | 1266 |
| 598 | 1026 | 1027 | 1267 |
| 599 | 1029 | 1030 | 1268 |
| 600 | 1032 | 1033 | 1269 |
| 601 | 1035 | 1036 | 1270 |
| 602 | 1038 | 1039 | 1271 |
| 603 | 1041 | 1042 | 1272 |
| 604 | 1044 | 1045 | 1273 |
| 605 | 1047 | 1048 | 1274 |
| 606 | 1050 | 1051 | 1275 |
| 607 | 1053 | 1054 | 1276 |
| 608 | 1056 | 1057 | 1277 |
| 609 | 1059 | 1060 | 1278 |
| 610 | 1062 | 1063 | 1279 |
| 611 | 1065 | 1066 | 1280 |
| 612 | 1068 | 1069 | 1281 |
| 613 | 1071 | 1072 | 1282 |
| 614 | 1074 | 1075 | 1283 |
| 615 | 1077 | 1078 | 1284 |
| 616 | 1080 | 1081 | 1285 |
| 617 | 1083 | 1084 | 1286 |
| 618 | 1086 | 1087 | 1287 |
| 619 | 1089 | 1090 | 1288 |
| 620 | 1092 | 1093 | 1289 |
| 621 | 1095 | 1096 | 1290 |
| 622 | 1098 | 1099 | 1291 |
| 623 | 1101 | 1102 | 1292 |
| 624 | 1104 | 1105 | 1293 |
| 625 | 1107 | 1108 | 1294 |
| 626 | 1110 | 1111 | 1295 |
| 627 | 1113 | 1114 | 1296 |
| 628 | 1116 | 1117 | 1297 |
| 629 | 1119 | 1120 | 1298 |
| 630 | 1122 | 1123 | 1299 |
| 631 | 1125 | 1126 | 1300 |
| 632 | 1128 | 1129 | 1301 |
| 633 | 1131 | 1132 | 1302 |
| 634 | 1134 | 1135 | 1303 |
| 635 | 1137 | 1138 | 1304 |
| 636 | 1140 | 1141 | 1305 |
| 637 | 1143 | 1144 | 1306 |
| 638 | 1146 | 1147 | 1307 |
| 639 | 669 | 612 | 1308 |
| 640 | 672 | 615 | 1309 |
| 641 | 675 | 618 | 1310 |
| 642 | 678 | 621 | 1311 |

| | | | |
|-----|------|------|------|
| 643 | 681 | 624 | 1312 |
| 644 | 684 | 627 | 1313 |
| 645 | 687 | 630 | 1314 |
| 646 | 690 | 633 | 1315 |
| 647 | 693 | 636 | 1316 |
| 648 | 696 | 639 | 1317 |
| 649 | 699 | 642 | 1318 |
| 650 | 702 | 645 | 1319 |
| 651 | 705 | 648 | 1320 |
| 652 | 708 | 651 | 1321 |
| 653 | 609 | 1322 | 1323 |
| 654 | 654 | 1324 | 1325 |
| 655 | 657 | 1326 | 1327 |
| 656 | 727 | 1328 | 1329 |
| 657 | 730 | 1330 | 1331 |
| 658 | 733 | 1332 | 1333 |
| 659 | 736 | 1334 | 1335 |
| 660 | 739 | 1336 | 1337 |
| 661 | 742 | 1338 | 1339 |
| 662 | 745 | 1340 | 1341 |
| 663 | 748 | 1342 | 1343 |
| 664 | 751 | 1344 | 1345 |
| 665 | 754 | 1346 | 1347 |
| 666 | 757 | 1348 | 1349 |
| 667 | 760 | 1350 | 1351 |
| 668 | 763 | 1352 | 1353 |
| 669 | 766 | 1354 | 1355 |
| 670 | 769 | 1356 | 1357 |
| 671 | 772 | 1358 | 1359 |
| 672 | 775 | 1360 | 1361 |
| 673 | 778 | 1362 | 1363 |
| 674 | 799 | 1364 | 1365 |
| 675 | 802 | 1366 | 1367 |
| 676 | 805 | 1368 | 1369 |
| 677 | 808 | 1370 | 1371 |
| 678 | 811 | 1372 | 1373 |
| 679 | 814 | 1374 | 1375 |
| 680 | 817 | 1376 | 1377 |
| 681 | 820 | 1378 | 1379 |
| 682 | 823 | 1380 | 1381 |
| 683 | 826 | 1382 | 1383 |
| 684 | 829 | 1384 | 1385 |
| 685 | 832 | 1386 | 1387 |
| 686 | 835 | 1388 | 1389 |
| 687 | 838 | 1390 | 1391 |
| 688 | 841 | 1392 | 1393 |
| 689 | 844 | 1394 | 1395 |
| 690 | 847 | 1396 | 1397 |
| 691 | 850 | 1398 | 1399 |
| 692 | 853 | 1400 | 1401 |
| 693 | 856 | 1402 | 1403 |
| 694 | 859 | 1404 | 1405 |
| 695 | 862 | 1406 | 1407 |
| 696 | 865 | 1408 | 1409 |
| 697 | 868 | 1410 | 1411 |
| 698 | 871 | 1412 | 1413 |
| 699 | 874 | 1414 | 1415 |
| 700 | 877 | 1416 | 1417 |
| 701 | 880 | 1418 | 1419 |
| 702 | 883 | 1420 | 1421 |
| 703 | 886 | 1422 | 1423 |
| 704 | 889 | 1424 | 1425 |
| 705 | 892 | 1426 | 1427 |
| 706 | 895 | 1428 | 1429 |
| 707 | 898 | 1430 | 1431 |
| 708 | 901 | 1432 | 1433 |
| 709 | 904 | 1434 | 1435 |
| 710 | 907 | 1436 | 1437 |
| 711 | 910 | 1438 | 1439 |
| 712 | 913 | 1440 | 1441 |
| 713 | 916 | 1442 | 1443 |
| 714 | 919 | 1444 | 1445 |
| 715 | 922 | 1446 | 1447 |
| 716 | 925 | 1448 | 1449 |
| 717 | 928 | 1450 | 1451 |
| 718 | 931 | 1452 | 1453 |
| 719 | 934 | 1454 | 1455 |
| 720 | 937 | 1456 | 1457 |
| 721 | 940 | 1458 | 1459 |
| 722 | 943 | 1460 | 1461 |
| 723 | 946 | 1462 | 1463 |
| 724 | 949 | 1464 | 1465 |
| 725 | 952 | 1466 | 1467 |
| 726 | 955 | 1468 | 1469 |
| 727 | 958 | 1470 | 1471 |
| 728 | 961 | 1472 | 1473 |
| 729 | 964 | 1474 | 1475 |
| 730 | 967 | 1476 | 1477 |
| 731 | 970 | 1478 | 1479 |
| 732 | 973 | 1480 | 1481 |
| 733 | 976 | 1482 | 1483 |
| 734 | 979 | 1484 | 1485 |
| 735 | 982 | 1486 | 1487 |
| 736 | 985 | 1488 | 1489 |
| 737 | 988 | 1490 | 1491 |
| 738 | 991 | 1492 | 1493 |
| 739 | 994 | 1494 | 1495 |
| 740 | 997 | 1496 | 1497 |
| 741 | 1000 | 1498 | 1499 |
| 742 | 1003 | 1500 | 1501 |
| 743 | 1006 | 1502 | 1503 |
| 744 | 1009 | 1504 | 1505 |
| 745 | 1012 | 1506 | 1507 |
| 746 | 1015 | 1508 | 1509 |
| 747 | 1018 | 1510 | 1511 |

| | | | |
|-----|------|------|------|
| 748 | 1021 | 1512 | 1513 |
| 749 | 1024 | 1514 | 1515 |
| 750 | 1027 | 1516 | 1517 |
| 751 | 1030 | 1518 | 1519 |
| 752 | 1033 | 1520 | 1521 |
| 753 | 1036 | 1522 | 1523 |
| 754 | 1039 | 1524 | 1525 |
| 755 | 1042 | 1526 | 1527 |
| 756 | 1045 | 1528 | 1529 |
| 757 | 1048 | 1530 | 1531 |
| 758 | 1051 | 1532 | 1533 |
| 759 | 1054 | 1534 | 1535 |
| 760 | 1057 | 1536 | 1537 |
| 761 | 1060 | 1538 | 1539 |
| 762 | 1063 | 1540 | 1541 |
| 763 | 1066 | 1542 | 1543 |
| 764 | 1069 | 1544 | 1545 |
| 765 | 1072 | 1546 | 1547 |
| 766 | 1075 | 1548 | 1549 |
| 767 | 1078 | 1550 | 1551 |
| 768 | 1081 | 1552 | 1553 |
| 769 | 1084 | 1554 | 1555 |
| 770 | 1087 | 1556 | 1557 |
| 771 | 1090 | 1558 | 1559 |
| 772 | 1093 | 1560 | 1561 |
| 773 | 1096 | 1562 | 1563 |
| 774 | 1099 | 1564 | 1565 |
| 775 | 1102 | 1566 | 1567 |
| 776 | 1105 | 1568 | 1569 |
| 777 | 1108 | 1570 | 1571 |
| 778 | 1111 | 1572 | 1573 |
| 779 | 1114 | 1574 | 1575 |
| 780 | 1117 | 1576 | 1577 |
| 781 | 1120 | 1578 | 1579 |
| 782 | 1123 | 1580 | 1581 |
| 783 | 1126 | 1582 | 1583 |
| 784 | 1129 | 1584 | 1585 |
| 785 | 1132 | 1586 | 1587 |
| 786 | 1135 | 1588 | 1589 |
| 787 | 1138 | 1590 | 1591 |
| 788 | 1141 | 1592 | 1593 |
| 789 | 1144 | 1594 | 1595 |
| 790 | 1147 | 1596 | 1597 |
| 791 | 612 | 1598 | 1599 |
| 792 | 615 | 1600 | 1601 |
| 793 | 618 | 1602 | 1603 |
| 794 | 621 | 1604 | 1605 |
| 795 | 624 | 1606 | 1607 |
| 796 | 627 | 1608 | 1609 |
| 797 | 630 | 1610 | 1611 |
| 798 | 633 | 1612 | 1613 |
| 799 | 636 | 1614 | 1615 |
| 800 | 639 | 1616 | 1617 |
| 801 | 642 | 1618 | 1619 |
| 802 | 645 | 1620 | 1621 |
| 803 | 648 | 1622 | 1623 |
| 804 | 651 | 1624 | 1625 |
| 805 | 1626 | 1627 | 1628 |
| 806 | 1629 | 1630 | 1631 |
| 807 | 1632 | 1633 | 1634 |
| 808 | 1635 | 1636 | 1637 |
| 809 | 666 | 1638 | 1639 |
| 810 | 711 | 1640 | 1641 |
| 811 | 714 | 1642 | 1643 |
| 812 | 726 | 1644 | 1645 |
| 813 | 729 | 1646 | 1647 |
| 814 | 732 | 1648 | 1649 |
| 815 | 735 | 1650 | 1651 |
| 816 | 738 | 1652 | 1653 |
| 817 | 741 | 1654 | 1655 |
| 818 | 744 | 1656 | 1657 |
| 819 | 747 | 1658 | 1659 |
| 820 | 750 | 1660 | 1661 |
| 821 | 753 | 1662 | 1663 |
| 822 | 756 | 1664 | 1665 |
| 823 | 759 | 1666 | 1667 |
| 824 | 762 | 1668 | 1669 |
| 825 | 765 | 1670 | 1671 |
| 826 | 768 | 1672 | 1673 |
| 827 | 771 | 1674 | 1675 |
| 828 | 774 | 1676 | 1677 |
| 829 | 777 | 1678 | 1679 |
| 830 | 798 | 1680 | 1681 |
| 831 | 801 | 1682 | 1683 |
| 832 | 804 | 1684 | 1685 |
| 833 | 807 | 1686 | 1687 |
| 834 | 810 | 1688 | 1689 |
| 835 | 813 | 1690 | 1691 |
| 836 | 816 | 1692 | 1693 |
| 837 | 819 | 1694 | 1695 |
| 838 | 822 | 1696 | 1697 |
| 839 | 825 | 1698 | 1699 |
| 840 | 828 | 1700 | 1701 |
| 841 | 831 | 1702 | 1703 |
| 842 | 834 | 1704 | 1705 |
| 843 | 837 | 1706 | 1707 |
| 844 | 840 | 1708 | 1709 |
| 845 | 843 | 1710 | 1711 |
| 846 | 846 | 1712 | 1713 |
| 847 | 849 | 1714 | 1715 |
| 848 | 852 | 1716 | 1717 |
| 849 | 855 | 1718 | 1719 |
| 850 | 858 | 1720 | 1721 |
| 851 | 861 | 1722 | 1723 |
| 852 | 864 | 1724 | 1725 |

| | | | |
|-----|------|------|------|
| 853 | 867 | 1726 | 1727 |
| 854 | 870 | 1728 | 1729 |
| 855 | 873 | 1730 | 1731 |
| 856 | 876 | 1732 | 1733 |
| 857 | 879 | 1734 | 1735 |
| 858 | 882 | 1736 | 1737 |
| 859 | 885 | 1738 | 1739 |
| 860 | 888 | 1740 | 1741 |
| 861 | 891 | 1742 | 1743 |
| 862 | 894 | 1744 | 1745 |
| 863 | 897 | 1746 | 1747 |
| 864 | 900 | 1748 | 1749 |
| 865 | 903 | 1750 | 1751 |
| 866 | 906 | 1752 | 1753 |
| 867 | 909 | 1754 | 1755 |
| 868 | 912 | 1756 | 1757 |
| 869 | 915 | 1758 | 1759 |
| 870 | 918 | 1760 | 1761 |
| 871 | 921 | 1762 | 1763 |
| 872 | 924 | 1764 | 1765 |
| 873 | 927 | 1766 | 1767 |
| 874 | 930 | 1768 | 1769 |
| 875 | 933 | 1770 | 1771 |
| 876 | 936 | 1772 | 1773 |
| 877 | 939 | 1774 | 1775 |
| 878 | 942 | 1776 | 1777 |
| 879 | 945 | 1778 | 1779 |
| 880 | 948 | 1780 | 1781 |
| 881 | 951 | 1782 | 1783 |
| 882 | 954 | 1784 | 1785 |
| 883 | 957 | 1786 | 1787 |
| 884 | 960 | 1788 | 1789 |
| 885 | 963 | 1790 | 1791 |
| 886 | 966 | 1792 | 1793 |
| 887 | 969 | 1794 | 1795 |
| 888 | 972 | 1796 | 1797 |
| 889 | 975 | 1798 | 1799 |
| 890 | 978 | 1800 | 1801 |
| 891 | 981 | 1802 | 1803 |
| 892 | 984 | 1804 | 1805 |
| 893 | 987 | 1806 | 1807 |
| 894 | 990 | 1808 | 1809 |
| 895 | 993 | 1810 | 1811 |
| 896 | 996 | 1812 | 1813 |
| 897 | 999 | 1814 | 1815 |
| 898 | 1002 | 1816 | 1817 |
| 899 | 1005 | 1818 | 1819 |
| 900 | 1008 | 1820 | 1821 |
| 901 | 1011 | 1822 | 1823 |
| 902 | 1014 | 1824 | 1825 |
| 903 | 1017 | 1826 | 1827 |
| 904 | 1020 | 1828 | 1829 |
| 905 | 1023 | 1830 | 1831 |
| 906 | 1026 | 1832 | 1833 |
| 907 | 1029 | 1834 | 1835 |
| 908 | 1032 | 1836 | 1837 |
| 909 | 1035 | 1838 | 1839 |
| 910 | 1038 | 1840 | 1841 |
| 911 | 1041 | 1842 | 1843 |
| 912 | 1044 | 1844 | 1845 |
| 913 | 1047 | 1846 | 1847 |
| 914 | 1050 | 1848 | 1849 |
| 915 | 1053 | 1850 | 1851 |
| 916 | 1056 | 1852 | 1853 |
| 917 | 1059 | 1854 | 1855 |
| 918 | 1062 | 1856 | 1857 |
| 919 | 1065 | 1858 | 1859 |
| 920 | 1068 | 1860 | 1861 |
| 921 | 1071 | 1862 | 1863 |
| 922 | 1074 | 1864 | 1865 |
| 923 | 1077 | 1866 | 1867 |
| 924 | 1080 | 1868 | 1869 |
| 925 | 1083 | 1870 | 1871 |
| 926 | 1086 | 1872 | 1873 |
| 927 | 1089 | 1874 | 1875 |
| 928 | 1092 | 1876 | 1877 |
| 929 | 1095 | 1878 | 1879 |
| 930 | 1098 | 1880 | 1881 |
| 931 | 1101 | 1882 | 1883 |
| 932 | 1104 | 1884 | 1885 |
| 933 | 1107 | 1886 | 1887 |
| 934 | 1110 | 1888 | 1889 |
| 935 | 1113 | 1890 | 1891 |
| 936 | 1116 | 1892 | 1893 |
| 937 | 1119 | 1894 | 1895 |
| 938 | 1122 | 1896 | 1897 |
| 939 | 1125 | 1898 | 1899 |
| 940 | 1128 | 1900 | 1901 |
| 941 | 1131 | 1902 | 1903 |
| 942 | 1134 | 1904 | 1905 |
| 943 | 1137 | 1906 | 1907 |
| 944 | 1140 | 1908 | 1909 |
| 945 | 1143 | 1910 | 1911 |
| 946 | 1146 | 1912 | 1913 |
| 947 | 669 | 1914 | 1915 |
| 948 | 672 | 1916 | 1917 |
| 949 | 675 | 1918 | 1919 |
| 950 | 678 | 1920 | 1921 |
| 951 | 681 | 1922 | 1923 |
| 952 | 684 | 1924 | 1925 |
| 953 | 687 | 1926 | 1927 |
| 954 | 690 | 1928 | 1929 |
| 955 | 693 | 1930 | 1931 |
| 956 | 696 | 1932 | 1933 |
| 957 | 699 | 1934 | 1935 |

| | | | |
|------|------|------|------|
| 958 | 702 | 1936 | 1937 |
| 959 | 705 | 1938 | 1939 |
| 960 | 708 | 1940 | 1941 |
| 961 | 1942 | 1943 | 1944 |
| 962 | 1945 | 1946 | 1947 |
| 963 | 1948 | 1949 | 1950 |
| 964 | 1951 | 1952 | 1953 |
| 965 | 717 | 1954 | 1955 |
| 966 | 780 | 1956 | 1957 |
| 967 | 783 | 1958 | 1959 |
| 968 | 724 | 663 | 1960 |
| 969 | 786 | 1961 | 1962 |
| 970 | 789 | 1963 | 1964 |
| 971 | 792 | 1965 | 1966 |
| 972 | 795 | 1967 | 1968 |
| 973 | 724 | 1969 | 1970 |
| 974 | 660 | 1971 | 1972 |
| 975 | 781 | 1973 | 1974 |
| 976 | 784 | 1975 | 1976 |
| 977 | 787 | 1977 | 1978 |
| 978 | 790 | 1979 | 1980 |
| 979 | 793 | 1981 | 1982 |
| 980 | 796 | 1983 | 1984 |
| 981 | 663 | 1985 | 1986 |
| 982 | 1987 | 796 | 1988 |
| 983 | 796 | 663 | 1989 |
| 984 | 1990 | 790 | 1991 |
| 985 | 793 | 1987 | 1992 |
| 986 | 790 | 793 | 1993 |
| 987 | 1994 | 784 | 1995 |
| 988 | 787 | 1990 | 1996 |
| 989 | 784 | 787 | 1997 |
| 990 | 660 | 781 | 1998 |
| 991 | 781 | 1994 | 1999 |
| 992 | 2000 | 1147 | 2001 |
| 993 | 1147 | 660 | 2002 |
| 994 | 2003 | 1141 | 2004 |
| 995 | 1144 | 2000 | 2005 |
| 996 | 1141 | 1144 | 2006 |
| 997 | 2007 | 1132 | 2008 |
| 998 | 1138 | 2003 | 2009 |
| 999 | 1135 | 1138 | 2010 |
| 1000 | 1132 | 1135 | 2011 |
| 1001 | 2012 | 1126 | 2013 |
| 1002 | 1129 | 2007 | 2014 |
| 1003 | 1126 | 1129 | 2015 |
| 1004 | 657 | 1123 | 2016 |
| 1005 | 1123 | 2012 | 2017 |
| 1006 | 2018 | 1120 | 2019 |
| 1007 | 1120 | 657 | 2020 |
| 1008 | 2021 | 1114 | 2022 |
| 1009 | 1117 | 2018 | 2023 |
| 1010 | 1114 | 1117 | 2024 |
| 1011 | 2025 | 1105 | 2026 |
| 1012 | 1111 | 2021 | 2027 |
| 1013 | 1108 | 1111 | 2028 |
| 1014 | 1105 | 1108 | 2029 |
| 1015 | 2030 | 1099 | 2031 |
| 1016 | 1102 | 2025 | 2032 |
| 1017 | 1099 | 1102 | 2033 |
| 1018 | 654 | 1096 | 2034 |
| 1019 | 1096 | 2030 | 2035 |
| 1020 | 2036 | 1093 | 2037 |
| 1021 | 1093 | 654 | 2038 |
| 1022 | 2039 | 1087 | 2040 |
| 1023 | 1090 | 2036 | 2041 |
| 1024 | 1087 | 1090 | 2042 |
| 1025 | 2043 | 1078 | 2044 |
| 1026 | 1084 | 2039 | 2045 |
| 1027 | 1081 | 1084 | 2046 |
| 1028 | 1078 | 1081 | 2047 |
| 1029 | 2048 | 1072 | 2049 |
| 1030 | 1075 | 2043 | 2050 |
| 1031 | 1072 | 1075 | 2051 |
| 1032 | 651 | 1069 | 2052 |
| 1033 | 1069 | 2048 | 2053 |
| 1034 | 2054 | 1066 | 2055 |
| 1035 | 1066 | 651 | 2056 |
| 1036 | 2057 | 1060 | 2058 |
| 1037 | 1063 | 2054 | 2059 |
| 1038 | 1060 | 1063 | 2060 |
| 1039 | 2061 | 1051 | 2062 |
| 1040 | 1057 | 2057 | 2063 |
| 1041 | 1054 | 1057 | 2064 |
| 1042 | 1051 | 1054 | 2065 |
| 1043 | 2066 | 1045 | 2067 |
| 1044 | 1048 | 2061 | 2068 |
| 1045 | 1045 | 1048 | 2069 |
| 1046 | 648 | 1042 | 2070 |
| 1047 | 1042 | 2066 | 2071 |
| 1048 | 2072 | 1039 | 2073 |
| 1049 | 1039 | 648 | 2074 |
| 1050 | 2075 | 1033 | 2076 |
| 1051 | 1036 | 2072 | 2077 |
| 1052 | 1033 | 1036 | 2078 |
| 1053 | 2079 | 1024 | 2080 |
| 1054 | 1030 | 2075 | 2081 |
| 1055 | 1027 | 1030 | 2082 |
| 1056 | 1024 | 1027 | 2083 |
| 1057 | 2084 | 1018 | 2085 |
| 1058 | 1021 | 2079 | 2086 |
| 1059 | 1018 | 1021 | 2087 |
| 1060 | 645 | 1015 | 2088 |
| 1061 | 1015 | 2084 | 2089 |
| 1062 | 2090 | 1012 | 2091 |

| | | | |
|------|------|------|------|
| 1063 | 1012 | 645 | 2092 |
| 1064 | 2093 | 1006 | 2094 |
| 1065 | 1009 | 2090 | 2095 |
| 1066 | 1006 | 1009 | 2096 |
| 1067 | 2097 | 997 | 2098 |
| 1068 | 1003 | 2093 | 2099 |
| 1069 | 1000 | 1003 | 2100 |
| 1070 | 997 | 1000 | 2101 |
| 1071 | 2102 | 991 | 2103 |
| 1072 | 994 | 2097 | 2104 |
| 1073 | 991 | 994 | 2105 |
| 1074 | 642 | 988 | 2106 |
| 1075 | 988 | 2102 | 2107 |
| 1076 | 2108 | 985 | 2109 |
| 1077 | 985 | 642 | 2110 |
| 1078 | 2111 | 979 | 2112 |
| 1079 | 982 | 2108 | 2113 |
| 1080 | 979 | 982 | 2114 |
| 1081 | 2115 | 970 | 2116 |
| 1082 | 976 | 2111 | 2117 |
| 1083 | 973 | 976 | 2118 |
| 1084 | 970 | 973 | 2119 |
| 1085 | 2120 | 964 | 2121 |
| 1086 | 967 | 2115 | 2122 |
| 1087 | 964 | 967 | 2123 |
| 1088 | 639 | 961 | 2124 |
| 1089 | 961 | 2120 | 2125 |
| 1090 | 2126 | 778 | 2127 |
| 1091 | 778 | 639 | 2128 |
| 1092 | 2129 | 772 | 2130 |
| 1093 | 775 | 2126 | 2131 |
| 1094 | 772 | 775 | 2132 |
| 1095 | 2133 | 766 | 2134 |
| 1096 | 769 | 2129 | 2135 |
| 1097 | 766 | 769 | 2136 |
| 1098 | 636 | 763 | 2137 |
| 1099 | 763 | 2133 | 2138 |
| 1100 | 2139 | 760 | 2140 |
| 1101 | 760 | 633 | 2141 |
| 1102 | 2142 | 754 | 2143 |
| 1103 | 757 | 2139 | 2144 |
| 1104 | 754 | 757 | 2145 |
| 1105 | 2146 | 748 | 2147 |
| 1106 | 751 | 2142 | 2148 |
| 1107 | 748 | 751 | 2149 |
| 1108 | 630 | 745 | 2150 |
| 1109 | 745 | 2146 | 2151 |
| 1110 | 2152 | 958 | 2153 |
| 1111 | 958 | 630 | 2154 |
| 1112 | 2155 | 952 | 2156 |
| 1113 | 955 | 2152 | 2157 |
| 1114 | 952 | 955 | 2158 |
| 1115 | 2159 | 943 | 2160 |
| 1116 | 949 | 2155 | 2161 |
| 1117 | 946 | 949 | 2162 |
| 1118 | 943 | 946 | 2163 |
| 1119 | 2164 | 937 | 2165 |
| 1120 | 940 | 2159 | 2166 |
| 1121 | 937 | 940 | 2167 |
| 1122 | 627 | 934 | 2168 |
| 1123 | 934 | 2164 | 2169 |
| 1124 | 2170 | 931 | 2171 |
| 1125 | 931 | 627 | 2172 |
| 1126 | 2173 | 925 | 2174 |
| 1127 | 928 | 2170 | 2175 |
| 1128 | 925 | 928 | 2176 |
| 1129 | 2177 | 916 | 2178 |
| 1130 | 922 | 2173 | 2179 |
| 1131 | 919 | 922 | 2180 |
| 1132 | 916 | 919 | 2181 |
| 1133 | 2182 | 910 | 2183 |
| 1134 | 913 | 2177 | 2184 |
| 1135 | 910 | 913 | 2185 |
| 1136 | 624 | 907 | 2186 |
| 1137 | 907 | 2182 | 2187 |
| 1138 | 2188 | 904 | 2189 |
| 1139 | 904 | 624 | 2190 |
| 1140 | 2191 | 898 | 2192 |
| 1141 | 901 | 2188 | 2193 |
| 1142 | 898 | 901 | 2194 |
| 1143 | 2195 | 889 | 2196 |
| 1144 | 895 | 2191 | 2197 |
| 1145 | 892 | 895 | 2198 |
| 1146 | 889 | 892 | 2199 |
| 1147 | 2200 | 883 | 2201 |
| 1148 | 886 | 2195 | 2202 |
| 1149 | 883 | 886 | 2203 |
| 1150 | 621 | 880 | 2204 |
| 1151 | 880 | 2200 | 2205 |
| 1152 | 2206 | 877 | 2207 |
| 1153 | 877 | 621 | 2208 |
| 1154 | 2209 | 871 | 2210 |
| 1155 | 874 | 2206 | 2211 |
| 1156 | 871 | 874 | 2212 |
| 1157 | 2213 | 862 | 2214 |
| 1158 | 868 | 2209 | 2215 |
| 1159 | 865 | 868 | 2216 |
| 1160 | 862 | 865 | 2217 |
| 1161 | 2218 | 856 | 2219 |
| 1162 | 859 | 2213 | 2220 |
| 1163 | 856 | 859 | 2221 |
| 1164 | 618 | 853 | 2222 |
| 1165 | 853 | 2218 | 2223 |
| 1166 | 2224 | 850 | 2225 |
| 1167 | 850 | 618 | 2226 |

| | | | |
|------|------|------|------|
| 1168 | 2227 | 844 | 2228 |
| 1169 | 847 | 2224 | 2229 |
| 1170 | 844 | 847 | 2230 |
| 1171 | 2231 | 835 | 2232 |
| 1172 | 841 | 2227 | 2233 |
| 1173 | 838 | 841 | 2234 |
| 1174 | 835 | 838 | 2235 |
| 1175 | 2236 | 829 | 2237 |
| 1176 | 832 | 2231 | 2238 |
| 1177 | 829 | 832 | 2239 |
| 1178 | 615 | 826 | 2240 |
| 1179 | 826 | 2236 | 2241 |
| 1180 | 2242 | 823 | 2243 |
| 1181 | 823 | 615 | 2244 |
| 1182 | 2245 | 817 | 2246 |
| 1183 | 820 | 2242 | 2247 |
| 1184 | 817 | 820 | 2248 |
| 1185 | 2249 | 808 | 2250 |
| 1186 | 814 | 2245 | 2251 |
| 1187 | 811 | 814 | 2252 |
| 1188 | 808 | 811 | 2253 |
| 1189 | 2254 | 802 | 2255 |
| 1190 | 805 | 2249 | 2256 |
| 1191 | 802 | 805 | 2257 |
| 1192 | 612 | 799 | 2258 |
| 1193 | 799 | 2254 | 2259 |
| 1194 | 2260 | 742 | 2261 |
| 1195 | 742 | 612 | 2262 |
| 1196 | 2263 | 736 | 2264 |
| 1197 | 739 | 2260 | 2265 |
| 1198 | 736 | 739 | 2266 |
| 1199 | 2267 | 730 | 2268 |
| 1200 | 733 | 2263 | 2269 |
| 1201 | 730 | 733 | 2270 |
| 1202 | 609 | 727 | 2271 |
| 1203 | 727 | 2267 | 2272 |
| 1204 | 1632 | 609 | 2273 |
| 1205 | 633 | 1626 | 2274 |
| 1206 | 1629 | 636 | 2275 |
| 1207 | 663 | 1635 | 2276 |
| 1208 | 2277 | 795 | 2278 |
| 1209 | 795 | 724 | 2279 |
| 1210 | 2280 | 789 | 2281 |
| 1211 | 792 | 2277 | 2282 |
| 1212 | 789 | 792 | 2283 |
| 1213 | 2284 | 783 | 2285 |
| 1214 | 786 | 2280 | 2286 |
| 1215 | 783 | 786 | 2287 |
| 1216 | 717 | 780 | 2288 |
| 1217 | 780 | 2284 | 2289 |
| 1218 | 2290 | 1146 | 2291 |
| 1219 | 1146 | 717 | 2292 |
| 1220 | 2293 | 1140 | 2294 |
| 1221 | 1143 | 2290 | 2295 |
| 1222 | 1140 | 1143 | 2296 |
| 1223 | 2297 | 1131 | 2298 |
| 1224 | 1137 | 2293 | 2299 |
| 1225 | 1134 | 1137 | 2300 |
| 1226 | 1131 | 1134 | 2301 |
| 1227 | 2302 | 1125 | 2303 |
| 1228 | 1128 | 2297 | 2304 |
| 1229 | 1125 | 1128 | 2305 |
| 1230 | 714 | 1122 | 2306 |
| 1231 | 1122 | 2302 | 2307 |
| 1232 | 2308 | 1119 | 2309 |
| 1233 | 1119 | 714 | 2310 |
| 1234 | 2311 | 1113 | 2312 |
| 1235 | 1116 | 2308 | 2313 |
| 1236 | 1113 | 1116 | 2314 |
| 1237 | 2315 | 1104 | 2316 |
| 1238 | 1110 | 2311 | 2317 |
| 1239 | 1107 | 1110 | 2318 |
| 1240 | 1104 | 1107 | 2319 |
| 1241 | 2320 | 1098 | 2321 |
| 1242 | 1101 | 2315 | 2322 |
| 1243 | 1098 | 1101 | 2323 |
| 1244 | 711 | 1095 | 2324 |
| 1245 | 1095 | 2320 | 2325 |
| 1246 | 2326 | 1092 | 2327 |
| 1247 | 1092 | 711 | 2328 |
| 1248 | 2329 | 1086 | 2330 |
| 1249 | 1089 | 2326 | 2331 |
| 1250 | 1086 | 1089 | 2332 |
| 1251 | 2333 | 1077 | 2334 |
| 1252 | 1083 | 2329 | 2335 |
| 1253 | 1080 | 1083 | 2336 |
| 1254 | 1077 | 1080 | 2337 |
| 1255 | 2338 | 1071 | 2339 |
| 1256 | 1074 | 2333 | 2340 |
| 1257 | 1071 | 1074 | 2341 |
| 1258 | 708 | 1068 | 2342 |
| 1259 | 1068 | 2338 | 2343 |
| 1260 | 2344 | 1065 | 2345 |
| 1261 | 1065 | 708 | 2346 |
| 1262 | 2347 | 1059 | 2348 |
| 1263 | 1062 | 2344 | 2349 |
| 1264 | 1059 | 1062 | 2350 |
| 1265 | 2351 | 1050 | 2352 |
| 1266 | 1056 | 2347 | 2353 |
| 1267 | 1053 | 1056 | 2354 |
| 1268 | 1050 | 1053 | 2355 |
| 1269 | 2356 | 1044 | 2357 |
| 1270 | 1047 | 2351 | 2358 |
| 1271 | 1044 | 1047 | 2359 |
| 1272 | 705 | 1041 | 2360 |

| | | | |
|------|------|------|------|
| 1273 | 1041 | 2356 | 2361 |
| 1274 | 2362 | 1038 | 2363 |
| 1275 | 1038 | 705 | 2364 |
| 1276 | 2365 | 1032 | 2366 |
| 1277 | 1035 | 2362 | 2367 |
| 1278 | 1032 | 1035 | 2368 |
| 1279 | 2369 | 1023 | 2370 |
| 1280 | 1029 | 2365 | 2371 |
| 1281 | 1026 | 1029 | 2372 |
| 1282 | 1023 | 1026 | 2373 |
| 1283 | 2374 | 1017 | 2375 |
| 1284 | 1020 | 2369 | 2376 |
| 1285 | 1017 | 1020 | 2377 |
| 1286 | 702 | 1014 | 2378 |
| 1287 | 1014 | 2374 | 2379 |
| 1288 | 2380 | 1011 | 2381 |
| 1289 | 1011 | 702 | 2382 |
| 1290 | 2383 | 1005 | 2384 |
| 1291 | 1008 | 2380 | 2385 |
| 1292 | 1005 | 1008 | 2386 |
| 1293 | 2387 | 996 | 2388 |
| 1294 | 1002 | 2383 | 2389 |
| 1295 | 999 | 1002 | 2390 |
| 1296 | 996 | 999 | 2391 |
| 1297 | 2392 | 990 | 2393 |
| 1298 | 993 | 2387 | 2394 |
| 1299 | 990 | 993 | 2395 |
| 1300 | 699 | 987 | 2396 |
| 1301 | 987 | 2392 | 2397 |
| 1302 | 2398 | 984 | 2399 |
| 1303 | 984 | 699 | 2400 |
| 1304 | 2401 | 978 | 2402 |
| 1305 | 981 | 2398 | 2403 |
| 1306 | 978 | 981 | 2404 |
| 1307 | 2405 | 969 | 2406 |
| 1308 | 975 | 2401 | 2407 |
| 1309 | 972 | 975 | 2408 |
| 1310 | 969 | 972 | 2409 |
| 1311 | 2410 | 963 | 2411 |
| 1312 | 966 | 2405 | 2412 |
| 1313 | 963 | 966 | 2413 |
| 1314 | 696 | 960 | 2414 |
| 1315 | 960 | 2410 | 2415 |
| 1316 | 2416 | 777 | 2417 |
| 1317 | 777 | 696 | 2418 |
| 1318 | 2419 | 771 | 2420 |
| 1319 | 774 | 2416 | 2421 |
| 1320 | 771 | 774 | 2422 |
| 1321 | 2423 | 765 | 2424 |
| 1322 | 768 | 2419 | 2425 |
| 1323 | 765 | 768 | 2426 |
| 1324 | 693 | 762 | 2427 |
| 1325 | 762 | 2423 | 2428 |
| 1326 | 2429 | 759 | 2430 |
| 1327 | 759 | 690 | 2431 |
| 1328 | 2432 | 753 | 2433 |
| 1329 | 756 | 2429 | 2434 |
| 1330 | 753 | 756 | 2435 |
| 1331 | 2436 | 747 | 2437 |
| 1332 | 750 | 2432 | 2438 |
| 1333 | 747 | 750 | 2439 |
| 1334 | 687 | 744 | 2440 |
| 1335 | 744 | 2436 | 2441 |
| 1336 | 2442 | 957 | 2443 |
| 1337 | 957 | 687 | 2444 |
| 1338 | 2445 | 951 | 2446 |
| 1339 | 954 | 2442 | 2447 |
| 1340 | 951 | 954 | 2448 |
| 1341 | 2449 | 942 | 2450 |
| 1342 | 948 | 2445 | 2451 |
| 1343 | 945 | 948 | 2452 |
| 1344 | 942 | 945 | 2453 |
| 1345 | 2454 | 936 | 2455 |
| 1346 | 939 | 2449 | 2456 |
| 1347 | 936 | 939 | 2457 |
| 1348 | 684 | 933 | 2458 |
| 1349 | 933 | 2454 | 2459 |
| 1350 | 2460 | 930 | 2461 |
| 1351 | 930 | 684 | 2462 |
| 1352 | 2463 | 924 | 2464 |
| 1353 | 927 | 2460 | 2465 |
| 1354 | 924 | 927 | 2466 |
| 1355 | 2467 | 915 | 2468 |
| 1356 | 921 | 2463 | 2469 |
| 1357 | 918 | 921 | 2470 |
| 1358 | 915 | 918 | 2471 |
| 1359 | 2472 | 909 | 2473 |
| 1360 | 912 | 2467 | 2474 |
| 1361 | 909 | 912 | 2475 |
| 1362 | 681 | 906 | 2476 |
| 1363 | 906 | 2472 | 2477 |
| 1364 | 2478 | 903 | 2479 |
| 1365 | 903 | 681 | 2480 |
| 1366 | 2481 | 897 | 2482 |
| 1367 | 900 | 2478 | 2483 |
| 1368 | 897 | 900 | 2484 |
| 1369 | 2485 | 888 | 2486 |
| 1370 | 894 | 2481 | 2487 |
| 1371 | 891 | 894 | 2488 |
| 1372 | 888 | 891 | 2489 |
| 1373 | 2490 | 882 | 2491 |
| 1374 | 885 | 2485 | 2492 |
| 1375 | 882 | 885 | 2493 |
| 1376 | 678 | 879 | 2494 |
| 1377 | 879 | 2490 | 2495 |

| | | | |
|------|------|------|------|
| 1378 | 2496 | 876 | 2497 |
| 1379 | 876 | 678 | 2498 |
| 1380 | 2499 | 870 | 2500 |
| 1381 | 873 | 2496 | 2501 |
| 1382 | 870 | 873 | 2502 |
| 1383 | 2503 | 861 | 2504 |
| 1384 | 867 | 2499 | 2505 |
| 1385 | 864 | 867 | 2506 |
| 1386 | 861 | 864 | 2507 |
| 1387 | 2508 | 855 | 2509 |
| 1388 | 858 | 2503 | 2510 |
| 1389 | 855 | 858 | 2511 |
| 1390 | 675 | 852 | 2512 |
| 1391 | 852 | 2508 | 2513 |
| 1392 | 2514 | 849 | 2515 |
| 1393 | 849 | 675 | 2516 |
| 1394 | 2517 | 843 | 2518 |
| 1395 | 846 | 2514 | 2519 |
| 1396 | 843 | 846 | 2520 |
| 1397 | 2521 | 834 | 2522 |
| 1398 | 840 | 2517 | 2523 |
| 1399 | 837 | 840 | 2524 |
| 1400 | 834 | 837 | 2525 |
| 1401 | 2526 | 828 | 2527 |
| 1402 | 831 | 2521 | 2528 |
| 1403 | 828 | 831 | 2529 |
| 1404 | 672 | 825 | 2530 |
| 1405 | 825 | 2526 | 2531 |
| 1406 | 2532 | 822 | 2533 |
| 1407 | 822 | 672 | 2534 |
| 1408 | 2535 | 816 | 2536 |
| 1409 | 819 | 2532 | 2537 |
| 1410 | 816 | 819 | 2538 |
| 1411 | 2539 | 807 | 2540 |
| 1412 | 813 | 2535 | 2541 |
| 1413 | 810 | 813 | 2542 |
| 1414 | 807 | 810 | 2543 |
| 1415 | 2544 | 801 | 2545 |
| 1416 | 804 | 2539 | 2546 |
| 1417 | 801 | 804 | 2547 |
| 1418 | 669 | 798 | 2548 |
| 1419 | 798 | 2544 | 2549 |
| 1420 | 2550 | 741 | 2551 |
| 1421 | 741 | 669 | 2552 |
| 1422 | 2553 | 735 | 2554 |
| 1423 | 738 | 2550 | 2555 |
| 1424 | 735 | 738 | 2556 |
| 1425 | 2557 | 729 | 2558 |
| 1426 | 732 | 2553 | 2559 |
| 1427 | 729 | 732 | 2560 |
| 1428 | 666 | 726 | 2561 |
| 1429 | 726 | 2557 | 2562 |
| 1430 | 1948 | 666 | 2563 |
| 1431 | 690 | 1942 | 2564 |
| 1432 | 1945 | 693 | 2565 |
| 1433 | 724 | 1951 | 2566 |
| 1434 | 1948 | 2567 | 2568 |
| 1435 | 2567 | 1632 | 2569 |
| 1436 | 1942 | 2570 | 2571 |
| 1437 | 2570 | 1626 | 2572 |
| 1438 | 1945 | 2573 | 2574 |
| 1439 | 2573 | 1629 | 2575 |
| 1440 | 1951 | 2576 | 2577 |
| 1441 | 2576 | 1635 | 2578 |
| 1442 | 2579 | 724 | 2580 |

TOTAL NUMBER OF ELEMENTS = 1507
LARGEST ELEMENT NUMBER = 1507
LARGEST NODE NUMBER = 2742

DEFAULT SOLVER CHOSEN

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

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | -325.777 | 2.12500 | -2.50000 |
| 2 | -325.777 | 2.12500 | -3.00000 |
| 3 | -325.777 | 3.12500 | -2.50000 |
| 4 | -325.777 | 9.12500 | -2.50000 |
| 5 | -325.777 | 9.12500 | -3.00000 |
| 6 | -325.777 | 10.1250 | -2.50000 |
| 7 | -325.777 | 2.12500 | -4.25000 |
| 8 | -325.777 | 3.12500 | -3.00000 |
| 9 | -325.777 | 9.12500 | -4.25000 |
| 10 | -325.777 | 10.1250 | -3.00000 |
| 11 | -325.777 | 5.62500 | -4.25000 |
| 12 | -326.944 | 2.12500 | -4.25000 |
| 13 | -326.944 | 5.62500 | -4.25000 |
| 14 | -325.777 | 10.2050 | -4.25000 |
| 15 | -326.777 | 9.12500 | -4.25000 |
| 16 | -325.777 | 1.04500 | -4.25000 |
| 17 | -326.777 | 1.04500 | -4.25000 |
| 18 | -325.777 | 5.62500 | -5.50000 |
| 19 | -325.777 | 6.62500 | -4.25000 |
| 20 | -325.777 | 5.62500 | -7.00000 |
| 21 | -325.777 | 5.62500 | -5.68750 |

| | | | |
|-----|----------|---------|----------|
| 22 | -325.777 | 5.62500 | -5.87500 |
| 23 | -325.777 | 5.62500 | -6.06250 |
| 24 | -325.777 | 5.62500 | -6.25000 |
| 25 | -325.777 | 5.62500 | -6.43750 |
| 26 | -325.777 | 5.62500 | -6.62500 |
| 27 | -325.777 | 5.62500 | -6.81250 |
| 28 | -325.777 | 6.62500 | -5.50000 |
| 29 | -325.777 | 6.62500 | -5.68750 |
| 30 | -325.777 | 6.62500 | -5.87500 |
| 31 | -325.777 | 6.62500 | -6.06250 |
| 32 | -325.777 | 6.62500 | -6.25000 |
| 33 | -325.777 | 6.62500 | -6.43750 |
| 34 | -325.777 | 6.62500 | -6.62500 |
| 35 | -325.777 | 6.62500 | -6.81250 |
| 36 | -277.187 | 2.12500 | -3.00000 |
| 37 | -277.187 | 2.12500 | -4.25000 |
| 38 | -277.187 | 3.12500 | -3.00000 |
| 39 | -277.187 | 9.12500 | -3.00000 |
| 40 | -277.187 | 9.12500 | -4.25000 |
| 41 | -277.187 | 10.1250 | -3.00000 |
| 42 | -277.187 | 5.62500 | -4.25000 |
| 43 | -278.354 | 2.12500 | -4.25000 |
| 44 | -278.354 | 5.62500 | -4.25000 |
| 45 | -277.187 | 10.2050 | -4.25000 |
| 46 | -278.187 | 9.12500 | -4.25000 |
| 47 | -277.187 | 1.04500 | -4.25000 |
| 48 | -278.187 | 1.04500 | -4.25000 |
| 49 | -277.187 | 5.62500 | -5.50000 |
| 50 | -277.187 | 6.62500 | -4.25000 |
| 51 | -277.187 | 5.62500 | -7.50000 |
| 52 | -277.187 | 5.62500 | -5.75000 |
| 53 | -277.187 | 5.62500 | -6.00000 |
| 54 | -277.187 | 5.62500 | -6.25000 |
| 55 | -277.187 | 5.62500 | -6.50000 |
| 56 | -277.187 | 5.62500 | -6.75000 |
| 57 | -277.187 | 5.62500 | -7.00000 |
| 58 | -277.187 | 5.62500 | -7.25000 |
| 59 | -277.187 | 6.62500 | -5.50000 |
| 60 | -277.187 | 6.62500 | -5.75000 |
| 61 | -277.187 | 6.62500 | -6.00000 |
| 62 | -277.187 | 6.62500 | -6.25000 |
| 63 | -277.187 | 6.62500 | -6.50000 |
| 64 | -277.187 | 6.62500 | -6.75000 |
| 65 | -277.187 | 6.62500 | -7.00000 |
| 66 | -277.187 | 6.62500 | -7.25000 |
| 67 | -277.187 | 2.12500 | -2.50000 |
| 68 | -277.187 | 3.12500 | -2.50000 |
| 69 | -277.187 | 9.12500 | -2.50000 |
| 70 | -277.187 | 10.1250 | -2.50000 |
| 71 | -325.777 | 5.62500 | -8.80000 |
| 72 | -325.777 | 6.62500 | -7.00000 |
| 73 | -277.187 | 5.62500 | -9.30000 |
| 74 | -277.187 | 6.62500 | -7.50000 |
| 75 | -228.607 | 2.12500 | -3.00000 |
| 76 | -228.607 | 2.12500 | -4.25000 |
| 77 | -228.607 | 3.12500 | -3.00000 |
| 78 | -228.607 | 9.12500 | -3.00000 |
| 79 | -228.607 | 9.12500 | -4.25000 |
| 80 | -228.607 | 10.1250 | -3.00000 |
| 81 | -228.607 | 5.62500 | -4.25000 |
| 82 | -229.774 | 2.12500 | -4.25000 |
| 83 | -229.774 | 5.62500 | -4.25000 |
| 84 | -228.607 | 10.2050 | -4.25000 |
| 85 | -229.607 | 9.12500 | -4.25000 |
| 86 | -228.607 | 1.04500 | -4.25000 |
| 87 | -229.607 | 1.04500 | -4.25000 |
| 88 | -228.607 | 5.62500 | -5.50000 |
| 89 | -228.607 | 6.62500 | -4.25000 |
| 90 | -228.607 | 5.62500 | -8.00000 |
| 91 | -228.607 | 5.62500 | -5.81250 |
| 92 | -228.607 | 5.62500 | -6.12500 |
| 93 | -228.607 | 5.62500 | -6.43750 |
| 94 | -228.607 | 5.62500 | -6.75000 |
| 95 | -228.607 | 5.62500 | -7.06250 |
| 96 | -228.607 | 5.62500 | -7.37500 |
| 97 | -228.607 | 5.62500 | -7.68750 |
| 98 | -228.607 | 6.62500 | -5.50000 |
| 99 | -228.607 | 6.62500 | -5.81250 |
| 100 | -228.607 | 6.62500 | -6.12500 |
| 101 | -228.607 | 6.62500 | -6.43750 |
| 102 | -228.607 | 6.62500 | -6.75000 |
| 103 | -228.607 | 6.62500 | -7.06250 |
| 104 | -228.607 | 6.62500 | -7.37500 |
| 105 | -228.607 | 6.62500 | -7.68750 |
| 106 | -228.607 | 5.62500 | -9.80000 |
| 107 | -228.607 | 6.62500 | -8.00000 |
| 108 | -228.607 | 9.12500 | -2.50000 |
| 109 | -228.607 | 10.1250 | -2.50000 |
| 110 | -228.607 | 2.12500 | -2.50000 |
| 111 | -228.607 | 3.12500 | -2.50000 |
| 112 | -180.037 | 2.12500 | -3.00000 |
| 113 | -180.037 | 2.12500 | -4.25000 |
| 114 | -180.037 | 3.12500 | -3.00000 |
| 115 | -180.037 | 9.12500 | -3.00000 |
| 116 | -180.037 | 9.12500 | -4.25000 |
| 117 | -180.037 | 10.1250 | -3.00000 |
| 118 | -180.037 | 5.62500 | -4.25000 |
| 119 | -181.204 | 2.12500 | -4.25000 |
| 120 | -181.204 | 5.62500 | -4.25000 |
| 121 | -180.037 | 10.2050 | -4.25000 |
| 122 | -181.037 | 9.12500 | -4.25000 |
| 123 | -180.037 | 1.04500 | -4.25000 |
| 124 | -181.037 | 1.04500 | -4.25000 |
| 125 | -180.037 | 5.62500 | -5.50000 |
| 126 | -180.037 | 6.62500 | -4.25000 |

| | | | |
|-----|----------|---------|----------|
| 127 | -180.037 | 5.62500 | -8.50000 |
| 128 | -180.037 | 5.62500 | -5.87500 |
| 129 | -180.037 | 5.62500 | -6.25000 |
| 130 | -180.037 | 5.62500 | -6.62500 |
| 131 | -180.037 | 5.62500 | -7.00000 |
| 132 | -180.037 | 5.62500 | -7.37500 |
| 133 | -180.037 | 5.62500 | -7.75000 |
| 134 | -180.037 | 5.62500 | -8.12500 |
| 135 | -180.037 | 6.62500 | -5.50000 |
| 136 | -180.037 | 6.62500 | -5.87500 |
| 137 | -180.037 | 6.62500 | -6.25000 |
| 138 | -180.037 | 6.62500 | -6.62500 |
| 139 | -180.037 | 6.62500 | -7.00000 |
| 140 | -180.037 | 6.62500 | -7.37500 |
| 141 | -180.037 | 6.62500 | -7.75000 |
| 142 | -180.037 | 6.62500 | -8.12500 |
| 143 | -180.037 | 5.62500 | -10.3000 |
| 144 | -180.037 | 6.62500 | -8.50000 |
| 145 | -180.037 | 9.12500 | -2.50000 |
| 146 | -180.037 | 10.1250 | -2.50000 |
| 147 | -180.037 | 2.12500 | -2.50000 |
| 148 | -180.037 | 3.12500 | -2.50000 |
| 149 | -131.487 | 2.12500 | -3.00000 |
| 150 | -131.487 | 2.12500 | -4.25000 |
| 151 | -131.487 | 3.12500 | -3.00000 |
| 152 | -131.487 | 9.12500 | -3.00000 |
| 153 | -131.487 | 9.12500 | -4.25000 |
| 154 | -131.487 | 10.1250 | -3.00000 |
| 155 | -131.487 | 5.62500 | -4.25000 |
| 156 | -132.654 | 2.12500 | -4.25000 |
| 157 | -132.654 | 5.62500 | -4.25000 |
| 158 | -131.487 | 10.2050 | -4.25000 |
| 159 | -132.487 | 9.12500 | -4.25000 |
| 160 | -131.487 | 1.04500 | -4.25000 |
| 161 | -132.487 | 1.04500 | -4.25000 |
| 162 | -131.487 | 5.62500 | -5.50000 |
| 163 | -131.487 | 6.62500 | -4.25000 |
| 164 | -131.487 | 5.62500 | -8.75000 |
| 165 | -131.487 | 5.62500 | -5.90625 |
| 166 | -131.487 | 5.62500 | -6.31250 |
| 167 | -131.487 | 5.62500 | -6.71875 |
| 168 | -131.487 | 5.62500 | -7.12500 |
| 169 | -131.487 | 5.62500 | -7.53125 |
| 170 | -131.487 | 5.62500 | -7.93750 |
| 171 | -131.487 | 5.62500 | -8.34375 |
| 172 | -131.487 | 6.62500 | -5.50000 |
| 173 | -131.487 | 6.62500 | -5.90625 |
| 174 | -131.487 | 6.62500 | -6.31250 |
| 175 | -131.487 | 6.62500 | -6.71875 |
| 176 | -131.487 | 6.62500 | -7.12500 |
| 177 | -131.487 | 6.62500 | -7.53125 |
| 178 | -131.487 | 6.62500 | -7.93750 |
| 179 | -131.487 | 6.62500 | -8.34375 |
| 180 | -131.487 | 5.62500 | -10.5500 |
| 181 | -131.487 | 6.62500 | -8.75000 |
| 182 | -131.487 | 9.12500 | -2.50000 |
| 183 | -131.487 | 10.1250 | -2.50000 |
| 184 | -131.487 | 2.12500 | -2.50000 |
| 185 | -131.487 | 3.12500 | -2.50000 |
| 186 | -82.9570 | 2.12500 | -3.00000 |
| 187 | -82.9570 | 2.12500 | -4.25000 |
| 188 | -82.9570 | 3.12500 | -3.00000 |
| 189 | -82.9570 | 9.12500 | -3.00000 |
| 190 | -82.9570 | 9.12500 | -4.25000 |
| 191 | -82.9570 | 10.1250 | -3.00000 |
| 192 | -82.9570 | 5.62500 | -4.25000 |
| 193 | -84.1237 | 2.12500 | -4.25000 |
| 194 | -84.1237 | 5.62500 | -4.25000 |
| 195 | -82.9570 | 10.2050 | -4.25000 |
| 196 | -83.9570 | 9.12500 | -4.25000 |
| 197 | -82.9570 | 1.04500 | -4.25000 |
| 198 | -83.9570 | 1.04500 | -4.25000 |
| 199 | -82.9570 | 5.62500 | -5.50000 |
| 200 | -82.9570 | 6.62500 | -4.25000 |
| 201 | -82.9570 | 5.62500 | -9.50000 |
| 202 | -82.9570 | 5.62500 | -6.00000 |
| 203 | -82.9570 | 5.62500 | -6.50000 |
| 204 | -82.9570 | 5.62500 | -7.00000 |
| 205 | -82.9570 | 5.62500 | -7.50000 |
| 206 | -82.9570 | 5.62500 | -8.00000 |
| 207 | -82.9570 | 5.62500 | -8.50000 |
| 208 | -82.9570 | 5.62500 | -9.00000 |
| 209 | -82.9570 | 6.62500 | -5.50000 |
| 210 | -82.9570 | 6.62500 | -6.00000 |
| 211 | -82.9570 | 6.62500 | -6.50000 |
| 212 | -82.9570 | 6.62500 | -7.00000 |
| 213 | -82.9570 | 6.62500 | -7.50000 |
| 214 | -82.9570 | 6.62500 | -8.00000 |
| 215 | -82.9570 | 6.62500 | -8.50000 |
| 216 | -82.9570 | 6.62500 | -9.00000 |
| 217 | -82.9570 | 5.62500 | -11.3000 |
| 218 | -82.9570 | 6.62500 | -9.50000 |
| 219 | -82.9570 | 9.12500 | -2.50000 |
| 220 | -82.9570 | 10.1250 | -2.50000 |
| 221 | -82.9570 | 2.12500 | -2.50000 |
| 222 | -82.9570 | 3.12500 | -2.50000 |
| 223 | -34.4470 | 2.12500 | -3.00000 |
| 224 | -34.4470 | 2.12500 | -4.25000 |
| 225 | -34.4470 | 3.12500 | -3.00000 |
| 226 | -34.4470 | 9.12500 | -3.00000 |
| 227 | -34.4470 | 9.12500 | -4.25000 |
| 228 | -34.4470 | 10.1250 | -3.00000 |
| 229 | -34.4470 | 5.62500 | -4.25000 |
| 230 | -35.6137 | 2.12500 | -4.25000 |
| 231 | -35.6137 | 5.62500 | -4.25000 |

| | | | |
|-----|----------|----------|-----------|
| 232 | -34.4470 | 10.2050 | -4.25000 |
| 233 | -35.4470 | 9.12500 | -4.25000 |
| 234 | -34.4470 | 1.04500 | -4.25000 |
| 235 | -35.4470 | 1.04500 | -4.25000 |
| 236 | -34.4470 | 5.62500 | -5.50000 |
| 237 | -34.4470 | 6.62500 | -4.25000 |
| 238 | -34.4470 | 5.62500 | -9.75000 |
| 239 | -34.4470 | 5.62500 | -6.03125 |
| 240 | -34.4470 | 5.62500 | -6.56250 |
| 241 | -34.4470 | 5.62500 | -7.09375 |
| 242 | -34.4470 | 5.62500 | -7.62500 |
| 243 | -34.4470 | 5.62500 | -8.15625 |
| 244 | -34.4470 | 5.62500 | -8.68750 |
| 245 | -34.4470 | 5.62500 | -9.21875 |
| 246 | -34.4470 | 6.62500 | -5.50000 |
| 247 | -34.4470 | 6.62500 | -6.03125 |
| 248 | -34.4470 | 6.62500 | -6.56250 |
| 249 | -34.4470 | 6.62500 | -7.09375 |
| 250 | -34.4470 | 6.62500 | -7.62500 |
| 251 | -34.4470 | 6.62500 | -8.15625 |
| 252 | -34.4470 | 6.62500 | -8.68750 |
| 253 | -34.4470 | 6.62500 | -9.21875 |
| 254 | -34.4470 | 5.62500 | -11.55000 |
| 255 | -34.4470 | 6.62500 | -9.75000 |
| 256 | -34.4470 | 9.12500 | -2.50000 |
| 257 | -34.4470 | 10.12500 | -2.50000 |
| 258 | -34.4470 | 2.12500 | -2.50000 |
| 259 | -34.4470 | 3.12500 | -2.50000 |
| 260 | 33.5470 | 2.12500 | -3.00000 |
| 261 | 33.5470 | 2.12500 | -4.25000 |
| 262 | 33.5470 | 3.12500 | -3.00000 |
| 263 | 33.5470 | 9.12500 | -3.00000 |
| 264 | 33.5470 | 9.12500 | -4.25000 |
| 265 | 33.5470 | 10.12500 | -3.00000 |
| 266 | 33.5470 | 5.62500 | -4.25000 |
| 267 | 32.3803 | 2.12500 | -4.25000 |
| 268 | 32.3803 | 5.62500 | -4.25000 |
| 269 | 33.5470 | 10.20500 | -4.25000 |
| 270 | 32.5470 | 9.12500 | -4.25000 |
| 271 | 33.5470 | 1.04500 | -4.25000 |
| 272 | 32.5470 | 1.04500 | -4.25000 |
| 273 | 33.5470 | 5.62500 | -5.50000 |
| 274 | 33.5470 | 6.62500 | -4.25000 |
| 275 | 33.5470 | 5.62500 | -10.00000 |
| 276 | 33.5470 | 5.62500 | -6.06250 |
| 277 | 33.5470 | 5.62500 | -6.62500 |
| 278 | 33.5470 | 5.62500 | -7.18750 |
| 279 | 33.5470 | 5.62500 | -7.75000 |
| 280 | 33.5470 | 5.62500 | -8.31250 |
| 281 | 33.5470 | 5.62500 | -8.87500 |
| 282 | 33.5470 | 5.62500 | -9.43750 |
| 283 | 33.5470 | 6.62500 | -5.50000 |
| 284 | 33.5470 | 6.62500 | -6.06250 |
| 285 | 33.5470 | 6.62500 | -6.62500 |
| 286 | 33.5470 | 6.62500 | -7.18750 |
| 287 | 33.5470 | 6.62500 | -7.75000 |
| 288 | 33.5470 | 6.62500 | -8.31250 |
| 289 | 33.5470 | 6.62500 | -8.87500 |
| 290 | 33.5470 | 6.62500 | -9.43750 |
| 291 | 33.5470 | 5.62500 | -11.80000 |
| 292 | 33.5470 | 6.62500 | -10.00000 |
| 293 | 33.5470 | 9.12500 | -2.50000 |
| 294 | 33.5470 | 10.12500 | -2.50000 |
| 295 | 33.5470 | 2.12500 | -2.50000 |
| 296 | 33.5470 | 3.12500 | -2.50000 |
| 297 | 82.0570 | 2.12500 | -3.00000 |
| 298 | 82.0570 | 2.12500 | -4.25000 |
| 299 | 82.0570 | 3.12500 | -3.00000 |
| 300 | 82.0570 | 9.12500 | -3.00000 |
| 301 | 82.0570 | 9.12500 | -4.25000 |
| 302 | 82.0570 | 10.12500 | -3.00000 |
| 303 | 82.0570 | 5.62500 | -4.25000 |
| 304 | 80.8903 | 2.12500 | -4.25000 |
| 305 | 80.8903 | 5.62500 | -4.25000 |
| 306 | 82.0570 | 10.20500 | -4.25000 |
| 307 | 81.0570 | 9.12500 | -4.25000 |
| 308 | 82.0570 | 1.04500 | -4.25000 |
| 309 | 81.0570 | 1.04500 | -4.25000 |
| 310 | 82.0570 | 5.62500 | -5.50000 |
| 311 | 82.0570 | 6.62500 | -4.25000 |
| 312 | 82.0570 | 5.62500 | -9.50000 |
| 313 | 82.0570 | 5.62500 | -6.00000 |
| 314 | 82.0570 | 5.62500 | -6.50000 |
| 315 | 82.0570 | 5.62500 | -7.00000 |
| 316 | 82.0570 | 5.62500 | -7.50000 |
| 317 | 82.0570 | 5.62500 | -8.00000 |
| 318 | 82.0570 | 5.62500 | -8.50000 |
| 319 | 82.0570 | 5.62500 | -9.00000 |
| 320 | 82.0570 | 6.62500 | -5.50000 |
| 321 | 82.0570 | 6.62500 | -6.00000 |
| 322 | 82.0570 | 6.62500 | -6.50000 |
| 323 | 82.0570 | 6.62500 | -7.00000 |
| 324 | 82.0570 | 6.62500 | -7.50000 |
| 325 | 82.0570 | 6.62500 | -8.00000 |
| 326 | 82.0570 | 6.62500 | -8.50000 |
| 327 | 82.0570 | 6.62500 | -9.00000 |
| 328 | 82.0570 | 5.62500 | -11.30000 |
| 329 | 82.0570 | 6.62500 | -9.50000 |
| 330 | 82.0570 | 9.12500 | -2.50000 |
| 331 | 82.0570 | 10.12500 | -2.50000 |
| 332 | 82.0570 | 2.12500 | -2.50000 |
| 333 | 82.0570 | 3.12500 | -2.50000 |
| 334 | 130.587 | 2.12500 | -3.00000 |
| 335 | 130.587 | 2.12500 | -4.25000 |
| 336 | 130.587 | 3.12500 | -3.00000 |

| | | | |
|-----|---------|---------|----------|
| 337 | 130.587 | 9.12500 | -3.00000 |
| 338 | 130.587 | 9.12500 | -4.25000 |
| 339 | 130.587 | 10.1250 | -3.00000 |
| 340 | 130.587 | 5.62500 | -4.25000 |
| 341 | 129.420 | 2.12500 | -4.25000 |
| 342 | 129.420 | 5.62500 | -4.25000 |
| 343 | 130.587 | 10.2050 | -4.25000 |
| 344 | 129.587 | 9.12500 | -4.25000 |
| 345 | 130.587 | 1.04500 | -4.25000 |
| 346 | 129.587 | 1.04500 | -4.25000 |
| 347 | 130.587 | 5.62500 | -5.50000 |
| 348 | 130.587 | 6.62500 | -4.25000 |
| 349 | 130.587 | 5.62500 | -9.50000 |
| 350 | 130.587 | 5.62500 | -6.00000 |
| 351 | 130.587 | 5.62500 | -6.50000 |
| 352 | 130.587 | 5.62500 | -7.00000 |
| 353 | 130.587 | 5.62500 | -7.50000 |
| 354 | 130.587 | 5.62500 | -8.00000 |
| 355 | 130.587 | 5.62500 | -8.50000 |
| 356 | 130.587 | 5.62500 | -9.00000 |
| 357 | 130.587 | 6.62500 | -5.50000 |
| 358 | 130.587 | 6.62500 | -6.00000 |
| 359 | 130.587 | 6.62500 | -6.50000 |
| 360 | 130.587 | 6.62500 | -7.00000 |
| 361 | 130.587 | 6.62500 | -7.50000 |
| 362 | 130.587 | 6.62500 | -8.00000 |
| 363 | 130.587 | 6.62500 | -8.50000 |
| 364 | 130.587 | 6.62500 | -9.00000 |
| 365 | 130.587 | 5.62500 | -11.3000 |
| 366 | 130.587 | 6.62500 | -9.50000 |
| 367 | 130.587 | 9.12500 | -2.50000 |
| 368 | 130.587 | 10.1250 | -2.50000 |
| 369 | 130.587 | 2.12500 | -2.50000 |
| 370 | 130.587 | 3.12500 | -2.50000 |
| 371 | 179.137 | 2.12500 | -3.00000 |
| 372 | 179.137 | 2.12500 | -4.25000 |
| 373 | 179.137 | 3.12500 | -3.00000 |
| 374 | 179.137 | 9.12500 | -3.00000 |
| 375 | 179.137 | 9.12500 | -4.25000 |
| 376 | 179.137 | 10.1250 | -3.00000 |
| 377 | 179.137 | 5.62500 | -4.25000 |
| 378 | 177.970 | 2.12500 | -4.25000 |
| 379 | 177.970 | 5.62500 | -4.25000 |
| 380 | 179.137 | 10.2050 | -4.25000 |
| 381 | 178.137 | 9.12500 | -4.25000 |
| 382 | 179.137 | 1.04500 | -4.25000 |
| 383 | 178.137 | 1.04500 | -4.25000 |
| 384 | 179.137 | 5.62500 | -5.50000 |
| 385 | 179.137 | 6.62500 | -4.25000 |
| 386 | 179.137 | 5.62500 | -9.25000 |
| 387 | 179.137 | 5.62500 | -5.96875 |
| 388 | 179.137 | 5.62500 | -6.43750 |
| 389 | 179.137 | 5.62500 | -6.90625 |
| 390 | 179.137 | 5.62500 | -7.37500 |
| 391 | 179.137 | 5.62500 | -7.84375 |
| 392 | 179.137 | 5.62500 | -8.31250 |
| 393 | 179.137 | 5.62500 | -8.78125 |
| 394 | 179.137 | 6.62500 | -5.50000 |
| 395 | 179.137 | 6.62500 | -5.96875 |
| 396 | 179.137 | 6.62500 | -6.43750 |
| 397 | 179.137 | 6.62500 | -6.90625 |
| 398 | 179.137 | 6.62500 | -7.37500 |
| 399 | 179.137 | 6.62500 | -7.84375 |
| 400 | 179.137 | 6.62500 | -8.31250 |
| 401 | 179.137 | 6.62500 | -8.78125 |
| 402 | 179.137 | 5.62500 | -11.0500 |
| 403 | 179.137 | 6.62500 | -9.25000 |
| 404 | 179.137 | 9.12500 | -2.50000 |
| 405 | 179.137 | 10.1250 | -2.50000 |
| 406 | 179.137 | 2.12500 | -2.50000 |
| 407 | 179.137 | 3.12500 | -2.50000 |
| 408 | 227.707 | 2.12500 | -3.00000 |
| 409 | 227.707 | 2.12500 | -4.25000 |
| 410 | 227.707 | 3.12500 | -3.00000 |
| 411 | 227.707 | 9.12500 | -3.00000 |
| 412 | 227.707 | 9.12500 | -4.25000 |
| 413 | 227.707 | 10.1250 | -3.00000 |
| 414 | 227.707 | 5.62500 | -4.25000 |
| 415 | 226.540 | 2.12500 | -4.25000 |
| 416 | 226.540 | 5.62500 | -4.25000 |
| 417 | 227.707 | 10.2050 | -4.25000 |
| 418 | 226.707 | 9.12500 | -4.25000 |
| 419 | 227.707 | 1.04500 | -4.25000 |
| 420 | 226.707 | 1.04500 | -4.25000 |
| 421 | 227.707 | 5.62500 | -5.50000 |
| 422 | 227.707 | 6.62500 | -4.25000 |
| 423 | 227.707 | 5.62500 | -8.50000 |
| 424 | 227.707 | 5.62500 | -5.87500 |
| 425 | 227.707 | 5.62500 | -6.25000 |
| 426 | 227.707 | 5.62500 | -6.62500 |
| 427 | 227.707 | 5.62500 | -7.00000 |
| 428 | 227.707 | 5.62500 | -7.37500 |
| 429 | 227.707 | 5.62500 | -7.75000 |
| 430 | 227.707 | 5.62500 | -8.12500 |
| 431 | 227.707 | 6.62500 | -5.50000 |
| 432 | 227.707 | 6.62500 | -5.87500 |
| 433 | 227.707 | 6.62500 | -6.25000 |
| 434 | 227.707 | 6.62500 | -6.62500 |
| 435 | 227.707 | 6.62500 | -7.00000 |
| 436 | 227.707 | 6.62500 | -7.37500 |
| 437 | 227.707 | 6.62500 | -7.75000 |
| 438 | 227.707 | 6.62500 | -8.12500 |
| 439 | 227.707 | 5.62500 | -10.3000 |
| 440 | 227.707 | 6.62500 | -8.50000 |
| 441 | 227.707 | 9.12500 | -2.50000 |

| | | | |
|-----|---------|---------|----------|
| 442 | 227.707 | 10.1250 | -2.50000 |
| 443 | 227.707 | 2.12500 | -2.50000 |
| 444 | 227.707 | 3.12500 | -2.50000 |
| 445 | 276.287 | 2.12500 | -3.00000 |
| 446 | 276.287 | 2.12500 | -4.25000 |
| 447 | 276.287 | 3.12500 | -3.00000 |
| 448 | 276.287 | 9.12500 | -3.00000 |
| 449 | 276.287 | 9.12500 | -4.25000 |
| 450 | 276.287 | 10.1250 | -3.00000 |
| 451 | 276.287 | 5.62500 | -4.25000 |
| 452 | 275.120 | 2.12500 | -4.25000 |
| 453 | 275.120 | 5.62500 | -4.25000 |
| 454 | 276.287 | 10.2050 | -4.25000 |
| 455 | 275.287 | 9.12500 | -4.25000 |
| 456 | 276.287 | 1.04500 | -4.25000 |
| 457 | 275.287 | 1.04500 | -4.25000 |
| 458 | 276.287 | 5.62500 | -5.50000 |
| 459 | 276.287 | 6.62500 | -4.25000 |
| 460 | 276.287 | 5.62500 | -8.50000 |
| 461 | 276.287 | 5.62500 | -5.87500 |
| 462 | 276.287 | 5.62500 | -6.25000 |
| 463 | 276.287 | 5.62500 | -6.62500 |
| 464 | 276.287 | 5.62500 | -7.00000 |
| 465 | 276.287 | 5.62500 | -7.37500 |
| 466 | 276.287 | 5.62500 | -7.75000 |
| 467 | 276.287 | 5.62500 | -8.12500 |
| 468 | 276.287 | 6.62500 | -5.50000 |
| 469 | 276.287 | 6.62500 | -5.87500 |
| 470 | 276.287 | 6.62500 | -6.25000 |
| 471 | 276.287 | 6.62500 | -6.62500 |
| 472 | 276.287 | 6.62500 | -7.00000 |
| 473 | 276.287 | 6.62500 | -7.37500 |
| 474 | 276.287 | 6.62500 | -7.75000 |
| 475 | 276.287 | 6.62500 | -8.12500 |
| 476 | 276.287 | 5.62500 | -10.3000 |
| 477 | 276.287 | 6.62500 | -8.50000 |
| 478 | 276.287 | 9.12500 | -2.50000 |
| 479 | 276.287 | 10.1250 | -2.50000 |
| 480 | 276.287 | 2.12500 | -2.50000 |
| 481 | 276.287 | 3.12500 | -2.50000 |
| 482 | 324.877 | 2.12500 | -3.00000 |
| 483 | 324.877 | 2.12500 | -4.25000 |
| 484 | 324.877 | 3.12500 | -3.00000 |
| 485 | 324.877 | 9.12500 | -3.00000 |
| 486 | 324.877 | 9.12500 | -4.25000 |
| 487 | 324.877 | 10.1250 | -3.00000 |
| 488 | 324.877 | 5.62500 | -4.25000 |
| 489 | 323.710 | 2.12500 | -4.25000 |
| 490 | 323.710 | 5.62500 | -4.25000 |
| 491 | 324.877 | 10.2050 | -4.25000 |
| 492 | 323.877 | 9.12500 | -4.25000 |
| 493 | 324.877 | 1.04500 | -4.25000 |
| 494 | 323.877 | 1.04500 | -4.25000 |
| 495 | 324.877 | 5.62500 | -5.50000 |
| 496 | 324.877 | 6.62500 | -4.25000 |
| 497 | 324.877 | 5.62500 | -8.75000 |
| 498 | 324.877 | 5.62500 | -5.90625 |
| 499 | 324.877 | 5.62500 | -6.31250 |
| 500 | 324.877 | 5.62500 | -6.71875 |
| 501 | 324.877 | 5.62500 | -7.12500 |
| 502 | 324.877 | 5.62500 | -7.53125 |
| 503 | 324.877 | 5.62500 | -7.93750 |
| 504 | 324.877 | 5.62500 | -8.34375 |
| 505 | 324.877 | 6.62500 | -5.50000 |
| 506 | 324.877 | 6.62500 | -5.90625 |
| 507 | 324.877 | 6.62500 | -6.31250 |
| 508 | 324.877 | 6.62500 | -6.71875 |
| 509 | 324.877 | 6.62500 | -7.12500 |
| 510 | 324.877 | 6.62500 | -7.53125 |
| 511 | 324.877 | 6.62500 | -7.93750 |
| 512 | 324.877 | 6.62500 | -8.34375 |
| 513 | 324.877 | 5.62500 | -10.5500 |
| 514 | 324.877 | 6.62500 | -8.75000 |
| 515 | 324.877 | 9.12500 | -2.50000 |
| 516 | 324.877 | 10.1250 | -2.50000 |
| 517 | 324.877 | 2.12500 | -2.50000 |
| 518 | 324.877 | 3.12500 | -2.50000 |
| 519 | 373.578 | 2.12500 | -3.00000 |
| 520 | 373.578 | 2.12500 | -4.25000 |
| 521 | 373.578 | 3.12500 | -3.00000 |
| 522 | 373.578 | 9.12500 | -3.00000 |
| 523 | 373.578 | 9.12500 | -4.25000 |
| 524 | 373.578 | 10.1250 | -3.00000 |
| 525 | 373.578 | 5.62500 | -4.25000 |
| 526 | 372.411 | 2.12500 | -4.25000 |
| 527 | 372.411 | 5.62500 | -4.25000 |
| 528 | 373.578 | 10.2050 | -4.25000 |
| 529 | 372.578 | 9.12500 | -4.25000 |
| 530 | 373.578 | 1.04500 | -4.25000 |
| 531 | 372.578 | 1.04500 | -4.25000 |
| 532 | 373.578 | 5.62500 | -5.50000 |
| 533 | 373.578 | 6.62500 | -4.25000 |
| 534 | 373.578 | 5.62500 | -8.75000 |
| 535 | 373.578 | 5.62500 | -5.90625 |
| 536 | 373.578 | 5.62500 | -6.31250 |
| 537 | 373.578 | 5.62500 | -6.71875 |
| 538 | 373.578 | 5.62500 | -7.12500 |
| 539 | 373.578 | 5.62500 | -7.53125 |
| 540 | 373.578 | 5.62500 | -7.93750 |
| 541 | 373.578 | 5.62500 | -8.34375 |
| 542 | 373.578 | 6.62500 | -5.50000 |
| 543 | 373.578 | 6.62500 | -5.90625 |
| 544 | 373.578 | 6.62500 | -6.31250 |
| 545 | 373.578 | 6.62500 | -6.71875 |
| 546 | 373.578 | 6.62500 | -7.12500 |

| | | | |
|-----|-----------|---------|--------------|
| 547 | 373.578 | 6.62500 | -7.53125 |
| 548 | 373.578 | 6.62500 | -7.93750 |
| 549 | 373.578 | 6.62500 | -8.34375 |
| 550 | 373.578 | 5.62500 | -10.5500 |
| 551 | 373.578 | 6.62500 | -8.75000 |
| 552 | 373.578 | 9.12500 | -2.50000 |
| 553 | 373.578 | 10.1250 | -2.50000 |
| 554 | 373.578 | 2.12500 | -2.50000 |
| 555 | 373.578 | 3.12500 | -2.50000 |
| 556 | -0.447000 | 2.12500 | -4.25000 |
| 557 | -0.447000 | 5.62500 | -4.25000 |
| 558 | -1.61367 | 2.12500 | -4.25000 |
| 559 | -0.447000 | 9.12500 | -4.25000 |
| 560 | -1.61367 | 5.62500 | -4.25000 |
| 561 | -0.447000 | 10.2050 | -4.25000 |
| 562 | -1.44700 | 9.12500 | -4.25000 |
| 563 | -0.447000 | 1.04500 | -4.25000 |
| 564 | -1.44700 | 1.04500 | -4.25000 |
| 565 | -0.447000 | 5.62500 | -5.50000 |
| 566 | -0.447000 | 6.62500 | -4.25000 |
| 567 | -0.447000 | 5.62500 | -10.3000 |
| 568 | -0.447000 | 5.62500 | -6.10000 |
| 569 | -0.447000 | 5.62500 | -6.70000 |
| 570 | -0.447000 | 5.62500 | -7.30000 |
| 571 | -0.447000 | 5.62500 | -7.90000 |
| 572 | -0.447000 | 5.62500 | -8.50000 |
| 573 | -0.447000 | 5.62500 | -9.10000 |
| 574 | -0.447000 | 5.62500 | -9.70000 |
| 575 | -0.447000 | 6.62500 | -5.50000 |
| 576 | -0.447000 | 6.62500 | -6.10000 |
| 577 | -0.447000 | 6.62500 | -6.70000 |
| 578 | -0.447000 | 6.62500 | -7.30000 |
| 579 | -0.447000 | 6.62500 | -7.90000 |
| 580 | -0.447000 | 6.62500 | -8.50000 |
| 581 | -0.447000 | 6.62500 | -9.10000 |
| 582 | -0.447000 | 6.62500 | -9.70000 |
| 583 | -0.447000 | 5.62500 | -12.3000 |
| 584 | -0.447000 | 6.62500 | -10.3000 |
| 585 | -1.40000 | 9.12500 | -4.25000 |
| 586 | -1.40000 | 10.1250 | -4.25000 |
| 587 | 0.500000 | 9.12500 | -4.25000 |
| 588 | -0.447000 | 10.1250 | -4.25000 |
| 589 | -1.40000 | 2.12500 | -4.25000 |
| 590 | -1.40000 | 3.12500 | -4.25000 |
| 591 | 0.500000 | 2.12500 | -4.25000 |
| 592 | -0.447000 | 3.12500 | -4.25000 |
| 593 | 0.500000 | 2.12500 | -2.50000 |
| 594 | 0.500000 | 2.12500 | -3.00000 |
| 595 | 0.500000 | 3.12500 | -2.50000 |
| 596 | 0.500000 | 3.12500 | -3.00000 |
| 597 | -1.40000 | 2.12500 | -2.50000 |
| 598 | -1.40000 | 2.12500 | -3.00000 |
| 599 | -1.40000 | 3.12500 | -2.50000 |
| 600 | -1.40000 | 3.12500 | -3.00000 |
| 601 | 0.500000 | 9.12500 | -2.50000 |
| 602 | 0.500000 | 9.12500 | -3.00000 |
| 603 | 0.500000 | 10.1250 | -2.50000 |
| 604 | 0.500000 | 10.1250 | -3.00000 |
| 605 | -1.40000 | 9.12500 | -2.50000 |
| 606 | -1.40000 | 9.12500 | -3.00000 |
| 607 | -1.40000 | 10.1250 | -2.50000 |
| 608 | -1.40000 | 10.1250 | -3.00000 |
| 609 | -359.809 | 2.12500 | 0.000000E+00 |
| 610 | -359.809 | 2.12500 | -2.50000 |
| 611 | -359.809 | 3.12500 | 0.000000E+00 |
| 612 | -325.777 | 2.12500 | 0.000000E+00 |
| 613 | -325.777 | 2.12500 | -2.50000 |
| 614 | -325.777 | 3.12500 | 0.000000E+00 |
| 615 | -277.187 | 2.12500 | 0.000000E+00 |
| 616 | -277.187 | 2.12500 | -2.50000 |
| 617 | -277.187 | 3.12500 | 0.000000E+00 |
| 618 | -228.607 | 2.12500 | 0.000000E+00 |
| 619 | -228.607 | 2.12500 | -2.50000 |
| 620 | -228.607 | 3.12500 | 0.000000E+00 |
| 621 | -180.037 | 2.12500 | 0.000000E+00 |
| 622 | -180.037 | 2.12500 | -2.50000 |
| 623 | -180.037 | 3.12500 | 0.000000E+00 |
| 624 | -131.487 | 2.12500 | 0.000000E+00 |
| 625 | -131.487 | 2.12500 | -2.50000 |
| 626 | -131.487 | 3.12500 | 0.000000E+00 |
| 627 | -82.9570 | 2.12500 | 0.000000E+00 |
| 628 | -82.9570 | 2.12500 | -2.50000 |
| 629 | -82.9570 | 3.12500 | 0.000000E+00 |
| 630 | -34.4470 | 2.12500 | 0.000000E+00 |
| 631 | -34.4470 | 2.12500 | -2.50000 |
| 632 | -34.4470 | 3.12500 | 0.000000E+00 |
| 633 | -1.40000 | 2.12500 | 0.000000E+00 |
| 634 | -1.40000 | 2.12500 | -2.50000 |
| 635 | -1.40000 | 3.12500 | 0.000000E+00 |
| 636 | 0.500000 | 2.12500 | 0.000000E+00 |
| 637 | 0.500000 | 2.12500 | -2.50000 |
| 638 | 0.500000 | 3.12500 | 0.000000E+00 |
| 639 | 33.5470 | 2.12500 | 0.000000E+00 |
| 640 | 33.5470 | 2.12500 | -2.50000 |
| 641 | 33.5470 | 3.12500 | 0.000000E+00 |
| 642 | 82.0570 | 2.12500 | 0.000000E+00 |
| 643 | 82.0570 | 2.12500 | -2.50000 |
| 644 | 82.0570 | 3.12500 | 0.000000E+00 |
| 645 | 130.587 | 2.12500 | 0.000000E+00 |
| 646 | 130.587 | 2.12500 | -2.50000 |
| 647 | 130.587 | 3.12500 | 0.000000E+00 |
| 648 | 179.137 | 2.12500 | 0.000000E+00 |
| 649 | 179.137 | 2.12500 | -2.50000 |
| 650 | 179.137 | 3.12500 | 0.000000E+00 |
| 651 | 227.707 | 2.12500 | 0.000000E+00 |

| | | | |
|-----|----------|----------|--------------|
| 652 | 227.707 | 2.12500 | -2.50000 |
| 653 | 227.707 | 3.12500 | 0.000000E+00 |
| 654 | 276.287 | 2.12500 | 0.000000E+00 |
| 655 | 276.287 | 2.12500 | -2.50000 |
| 656 | 276.287 | 3.12500 | 0.000000E+00 |
| 657 | 324.877 | 2.12500 | 0.000000E+00 |
| 658 | 324.877 | 2.12500 | -2.50000 |
| 659 | 324.877 | 3.12500 | 0.000000E+00 |
| 660 | 373.578 | 2.12500 | 0.000000E+00 |
| 661 | 373.578 | 2.12500 | -2.50000 |
| 662 | 373.578 | 3.12500 | 0.000000E+00 |
| 663 | 407.610 | 2.12500 | 0.000000E+00 |
| 664 | 407.610 | 2.12500 | -2.50000 |
| 665 | 407.610 | 3.12500 | 0.000000E+00 |
| 666 | -359.809 | 9.12500 | 0.000000E+00 |
| 667 | -359.809 | 9.12500 | -2.50000 |
| 668 | -359.809 | 10.12500 | 0.000000E+00 |
| 669 | -325.777 | 9.12500 | 0.000000E+00 |
| 670 | -325.777 | 9.12500 | -2.50000 |
| 671 | -325.777 | 10.12500 | 0.000000E+00 |
| 672 | -277.187 | 9.12500 | 0.000000E+00 |
| 673 | -277.187 | 9.12500 | -2.50000 |
| 674 | -277.187 | 10.12500 | 0.000000E+00 |
| 675 | -228.607 | 9.12500 | 0.000000E+00 |
| 676 | -228.607 | 9.12500 | -2.50000 |
| 677 | -228.607 | 10.12500 | 0.000000E+00 |
| 678 | -180.037 | 9.12500 | 0.000000E+00 |
| 679 | -180.037 | 9.12500 | -2.50000 |
| 680 | -180.037 | 10.12500 | 0.000000E+00 |
| 681 | -131.487 | 9.12500 | 0.000000E+00 |
| 682 | -131.487 | 9.12500 | -2.50000 |
| 683 | -131.487 | 10.12500 | 0.000000E+00 |
| 684 | -82.9570 | 9.12500 | 0.000000E+00 |
| 685 | -82.9570 | 9.12500 | -2.50000 |
| 686 | -82.9570 | 10.12500 | 0.000000E+00 |
| 687 | -34.4470 | 9.12500 | 0.000000E+00 |
| 688 | -34.4470 | 9.12500 | -2.50000 |
| 689 | -34.4470 | 10.12500 | 0.000000E+00 |
| 690 | -1.40000 | 9.12500 | 0.000000E+00 |
| 691 | -1.40000 | 9.12500 | -2.50000 |
| 692 | -1.40000 | 10.12500 | 0.000000E+00 |
| 693 | 0.500000 | 9.12500 | 0.000000E+00 |
| 694 | 0.500000 | 9.12500 | -2.50000 |
| 695 | 0.500000 | 10.12500 | 0.000000E+00 |
| 696 | 33.5470 | 9.12500 | 0.000000E+00 |
| 697 | 33.5470 | 9.12500 | -2.50000 |
| 698 | 33.5470 | 10.12500 | 0.000000E+00 |
| 699 | 82.0570 | 9.12500 | 0.000000E+00 |
| 700 | 82.0570 | 9.12500 | -2.50000 |
| 701 | 82.0570 | 10.12500 | 0.000000E+00 |
| 702 | 130.587 | 9.12500 | 0.000000E+00 |
| 703 | 130.587 | 9.12500 | -2.50000 |
| 704 | 130.587 | 10.12500 | 0.000000E+00 |
| 705 | 179.137 | 9.12500 | 0.000000E+00 |
| 706 | 179.137 | 9.12500 | -2.50000 |
| 707 | 179.137 | 10.12500 | 0.000000E+00 |
| 708 | 227.707 | 9.12500 | 0.000000E+00 |
| 709 | 227.707 | 9.12500 | -2.50000 |
| 710 | 227.707 | 10.12500 | 0.000000E+00 |
| 711 | 276.287 | 9.12500 | 0.000000E+00 |
| 712 | 276.287 | 9.12500 | -2.50000 |
| 713 | 276.287 | 10.12500 | 0.000000E+00 |
| 714 | 324.877 | 9.12500 | 0.000000E+00 |
| 715 | 324.877 | 9.12500 | -2.50000 |
| 716 | 324.877 | 10.12500 | 0.000000E+00 |
| 717 | 373.578 | 9.12500 | 0.000000E+00 |
| 718 | 373.578 | 9.12500 | -2.50000 |
| 719 | 373.578 | 10.12500 | 0.000000E+00 |
| 720 | -357.476 | 9.12500 | 0.000000E+00 |
| 721 | 278.620 | 9.12500 | 0.000000E+00 |
| 722 | 327.210 | 9.12500 | 0.000000E+00 |
| 723 | 375.911 | 9.12500 | 0.000000E+00 |
| 724 | 407.610 | 9.12500 | 0.000000E+00 |
| 725 | 409.943 | 9.12500 | 0.000000E+00 |
| 726 | -354.947 | 9.12500 | 0.000000E+00 |
| 727 | -354.947 | 2.12500 | 0.000000E+00 |
| 728 | -352.614 | 9.12500 | 0.000000E+00 |
| 729 | -350.086 | 9.12500 | 0.000000E+00 |
| 730 | -350.086 | 2.12500 | 0.000000E+00 |
| 731 | -347.752 | 9.12500 | 0.000000E+00 |
| 732 | -345.224 | 9.12500 | 0.000000E+00 |
| 733 | -345.224 | 2.12500 | 0.000000E+00 |
| 734 | -342.891 | 9.12500 | 0.000000E+00 |
| 735 | -340.362 | 9.12500 | 0.000000E+00 |
| 736 | -340.362 | 2.12500 | 0.000000E+00 |
| 737 | -338.029 | 9.12500 | 0.000000E+00 |
| 738 | -335.500 | 9.12500 | 0.000000E+00 |
| 739 | -335.500 | 2.12500 | 0.000000E+00 |
| 740 | -333.167 | 9.12500 | 0.000000E+00 |
| 741 | -330.639 | 9.12500 | 0.000000E+00 |
| 742 | -330.639 | 2.12500 | 0.000000E+00 |
| 743 | -328.305 | 9.12500 | 0.000000E+00 |
| 744 | -29.7260 | 9.12500 | 0.000000E+00 |
| 745 | -29.7260 | 2.12500 | 0.000000E+00 |
| 746 | -27.3927 | 9.12500 | 0.000000E+00 |
| 747 | -25.0050 | 9.12500 | 0.000000E+00 |
| 748 | -25.0050 | 2.12500 | 0.000000E+00 |
| 749 | -22.6717 | 9.12500 | 0.000000E+00 |
| 750 | -20.2840 | 9.12500 | 0.000000E+00 |
| 751 | -20.2840 | 2.12500 | 0.000000E+00 |
| 752 | -17.9507 | 9.12500 | 0.000000E+00 |
| 753 | -15.5630 | 9.12500 | 0.000000E+00 |
| 754 | -15.5630 | 2.12500 | 0.000000E+00 |
| 755 | -13.2297 | 9.12500 | 0.000000E+00 |
| 756 | -10.8420 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 757 | -10.8420 | 2.12500 | 0.000000E+00 |
| 758 | -8.50867 | 9.12500 | 0.000000E+00 |
| 759 | -6.12100 | 9.12500 | 0.000000E+00 |
| 760 | -6.12100 | 2.12500 | 0.000000E+00 |
| 761 | -3.78767 | 9.12500 | 0.000000E+00 |
| 762 | 5.22100 | 9.12500 | 0.000000E+00 |
| 763 | 5.22100 | 2.12500 | 0.000000E+00 |
| 764 | 7.55433 | 9.12500 | 0.000000E+00 |
| 765 | 9.94200 | 9.12500 | 0.000000E+00 |
| 766 | 9.94200 | 2.12500 | 0.000000E+00 |
| 767 | 12.2753 | 9.12500 | 0.000000E+00 |
| 768 | 14.6630 | 9.12500 | 0.000000E+00 |
| 769 | 14.6630 | 2.12500 | 0.000000E+00 |
| 770 | 16.9963 | 9.12500 | 0.000000E+00 |
| 771 | 19.3840 | 9.12500 | 0.000000E+00 |
| 772 | 19.3840 | 2.12500 | 0.000000E+00 |
| 773 | 21.7173 | 9.12500 | 0.000000E+00 |
| 774 | 24.1050 | 9.12500 | 0.000000E+00 |
| 775 | 24.1050 | 2.12500 | 0.000000E+00 |
| 776 | 26.4383 | 9.12500 | 0.000000E+00 |
| 777 | 28.8260 | 9.12500 | 0.000000E+00 |
| 778 | 28.8260 | 2.12500 | 0.000000E+00 |
| 779 | 31.1593 | 9.12500 | 0.000000E+00 |
| 780 | 378.440 | 9.12500 | 0.000000E+00 |
| 781 | 378.440 | 2.12500 | 0.000000E+00 |
| 782 | 380.773 | 9.12500 | 0.000000E+00 |
| 783 | 383.301 | 9.12500 | 0.000000E+00 |
| 784 | 383.301 | 2.12500 | 0.000000E+00 |
| 785 | 385.635 | 9.12500 | 0.000000E+00 |
| 786 | 388.163 | 9.12500 | 0.000000E+00 |
| 787 | 388.163 | 2.12500 | 0.000000E+00 |
| 788 | 390.496 | 9.12500 | 0.000000E+00 |
| 789 | 393.025 | 9.12500 | 0.000000E+00 |
| 790 | 393.025 | 2.12500 | 0.000000E+00 |
| 791 | 395.358 | 9.12500 | 0.000000E+00 |
| 792 | 397.887 | 9.12500 | 0.000000E+00 |
| 793 | 397.887 | 2.12500 | 0.000000E+00 |
| 794 | 400.220 | 9.12500 | 0.000000E+00 |
| 795 | 402.748 | 9.12500 | 0.000000E+00 |
| 796 | 402.748 | 2.12500 | 0.000000E+00 |
| 797 | 405.082 | 9.12500 | 0.000000E+00 |
| 798 | -320.918 | 9.12500 | 0.000000E+00 |
| 799 | -320.918 | 2.12500 | 0.000000E+00 |
| 800 | -318.585 | 9.12500 | 0.000000E+00 |
| 801 | -316.059 | 9.12500 | 0.000000E+00 |
| 802 | -316.059 | 2.12500 | 0.000000E+00 |
| 803 | -313.726 | 9.12500 | 0.000000E+00 |
| 804 | -311.200 | 9.12500 | 0.000000E+00 |
| 805 | -311.200 | 2.12500 | 0.000000E+00 |
| 806 | -308.867 | 9.12500 | 0.000000E+00 |
| 807 | -306.341 | 9.12500 | 0.000000E+00 |
| 808 | -306.341 | 2.12500 | 0.000000E+00 |
| 809 | -304.008 | 9.12500 | 0.000000E+00 |
| 810 | -301.482 | 9.12500 | 0.000000E+00 |
| 811 | -301.482 | 2.12500 | 0.000000E+00 |
| 812 | -299.149 | 9.12500 | 0.000000E+00 |
| 813 | -296.623 | 9.12500 | 0.000000E+00 |
| 814 | -296.623 | 2.12500 | 0.000000E+00 |
| 815 | -294.290 | 9.12500 | 0.000000E+00 |
| 816 | -291.764 | 9.12500 | 0.000000E+00 |
| 817 | -291.764 | 2.12500 | 0.000000E+00 |
| 818 | -289.431 | 9.12500 | 0.000000E+00 |
| 819 | -286.905 | 9.12500 | 0.000000E+00 |
| 820 | -286.905 | 2.12500 | 0.000000E+00 |
| 821 | -284.572 | 9.12500 | 0.000000E+00 |
| 822 | -282.046 | 9.12500 | 0.000000E+00 |
| 823 | -282.046 | 2.12500 | 0.000000E+00 |
| 824 | -279.713 | 9.12500 | 0.000000E+00 |
| 825 | -272.329 | 9.12500 | 0.000000E+00 |
| 826 | -272.329 | 2.12500 | 0.000000E+00 |
| 827 | -269.996 | 9.12500 | 0.000000E+00 |
| 828 | -267.471 | 9.12500 | 0.000000E+00 |
| 829 | -267.471 | 2.12500 | 0.000000E+00 |
| 830 | -265.138 | 9.12500 | 0.000000E+00 |
| 831 | -262.613 | 9.12500 | 0.000000E+00 |
| 832 | -262.613 | 2.12500 | 0.000000E+00 |
| 833 | -260.280 | 9.12500 | 0.000000E+00 |
| 834 | -257.755 | 9.12500 | 0.000000E+00 |
| 835 | -257.755 | 2.12500 | 0.000000E+00 |
| 836 | -255.422 | 9.12500 | 0.000000E+00 |
| 837 | -252.897 | 9.12500 | 0.000000E+00 |
| 838 | -252.897 | 2.12500 | 0.000000E+00 |
| 839 | -250.564 | 9.12500 | 0.000000E+00 |
| 840 | -248.039 | 9.12500 | 0.000000E+00 |
| 841 | -248.039 | 2.12500 | 0.000000E+00 |
| 842 | -245.706 | 9.12500 | 0.000000E+00 |
| 843 | -243.181 | 9.12500 | 0.000000E+00 |
| 844 | -243.181 | 2.12500 | 0.000000E+00 |
| 845 | -240.848 | 9.12500 | 0.000000E+00 |
| 846 | -238.323 | 9.12500 | 0.000000E+00 |
| 847 | -238.323 | 2.12500 | 0.000000E+00 |
| 848 | -235.990 | 9.12500 | 0.000000E+00 |
| 849 | -233.465 | 9.12500 | 0.000000E+00 |
| 850 | -233.465 | 2.12500 | 0.000000E+00 |
| 851 | -231.132 | 9.12500 | 0.000000E+00 |
| 852 | -223.750 | 9.12500 | 0.000000E+00 |
| 853 | -223.750 | 2.12500 | 0.000000E+00 |
| 854 | -221.417 | 9.12500 | 0.000000E+00 |
| 855 | -218.893 | 9.12500 | 0.000000E+00 |
| 856 | -218.893 | 2.12500 | 0.000000E+00 |
| 857 | -216.560 | 9.12500 | 0.000000E+00 |
| 858 | -214.036 | 9.12500 | 0.000000E+00 |
| 859 | -214.036 | 2.12500 | 0.000000E+00 |
| 860 | -211.703 | 9.12500 | 0.000000E+00 |
| 861 | -209.179 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 862 | -209.179 | 2.12500 | 0.000000E+00 |
| 863 | -206.846 | 9.12500 | 0.000000E+00 |
| 864 | -204.322 | 9.12500 | 0.000000E+00 |
| 865 | -204.322 | 2.12500 | 0.000000E+00 |
| 866 | -201.989 | 9.12500 | 0.000000E+00 |
| 867 | -199.465 | 9.12500 | 0.000000E+00 |
| 868 | -199.465 | 2.12500 | 0.000000E+00 |
| 869 | -197.132 | 9.12500 | 0.000000E+00 |
| 870 | -194.608 | 9.12500 | 0.000000E+00 |
| 871 | -194.608 | 2.12500 | 0.000000E+00 |
| 872 | -192.275 | 9.12500 | 0.000000E+00 |
| 873 | -189.751 | 9.12500 | 0.000000E+00 |
| 874 | -189.751 | 2.12500 | 0.000000E+00 |
| 875 | -187.418 | 9.12500 | 0.000000E+00 |
| 876 | -184.894 | 9.12500 | 0.000000E+00 |
| 877 | -184.894 | 2.12500 | 0.000000E+00 |
| 878 | -182.561 | 9.12500 | 0.000000E+00 |
| 879 | -175.182 | 9.12500 | 0.000000E+00 |
| 880 | -175.182 | 2.12500 | 0.000000E+00 |
| 881 | -172.849 | 9.12500 | 0.000000E+00 |
| 882 | -170.327 | 9.12500 | 0.000000E+00 |
| 883 | -170.327 | 2.12500 | 0.000000E+00 |
| 884 | -167.994 | 9.12500 | 0.000000E+00 |
| 885 | -165.472 | 9.12500 | 0.000000E+00 |
| 886 | -165.472 | 2.12500 | 0.000000E+00 |
| 887 | -163.139 | 9.12500 | 0.000000E+00 |
| 888 | -160.617 | 9.12500 | 0.000000E+00 |
| 889 | -160.617 | 2.12500 | 0.000000E+00 |
| 890 | -158.284 | 9.12500 | 0.000000E+00 |
| 891 | -155.762 | 9.12500 | 0.000000E+00 |
| 892 | -155.762 | 2.12500 | 0.000000E+00 |
| 893 | -153.429 | 9.12500 | 0.000000E+00 |
| 894 | -150.907 | 9.12500 | 0.000000E+00 |
| 895 | -150.907 | 2.12500 | 0.000000E+00 |
| 896 | -148.574 | 9.12500 | 0.000000E+00 |
| 897 | -146.052 | 9.12500 | 0.000000E+00 |
| 898 | -146.052 | 2.12500 | 0.000000E+00 |
| 899 | -143.719 | 9.12500 | 0.000000E+00 |
| 900 | -141.197 | 9.12500 | 0.000000E+00 |
| 901 | -141.197 | 2.12500 | 0.000000E+00 |
| 902 | -138.864 | 9.12500 | 0.000000E+00 |
| 903 | -136.342 | 9.12500 | 0.000000E+00 |
| 904 | -136.342 | 2.12500 | 0.000000E+00 |
| 905 | -134.009 | 9.12500 | 0.000000E+00 |
| 906 | -126.634 | 9.12500 | 0.000000E+00 |
| 907 | -126.634 | 2.12500 | 0.000000E+00 |
| 908 | -124.301 | 9.12500 | 0.000000E+00 |
| 909 | -121.781 | 9.12500 | 0.000000E+00 |
| 910 | -121.781 | 2.12500 | 0.000000E+00 |
| 911 | -119.448 | 9.12500 | 0.000000E+00 |
| 912 | -116.928 | 9.12500 | 0.000000E+00 |
| 913 | -116.928 | 2.12500 | 0.000000E+00 |
| 914 | -114.595 | 9.12500 | 0.000000E+00 |
| 915 | -112.075 | 9.12500 | 0.000000E+00 |
| 916 | -112.075 | 2.12500 | 0.000000E+00 |
| 917 | -109.742 | 9.12500 | 0.000000E+00 |
| 918 | -107.222 | 9.12500 | 0.000000E+00 |
| 919 | -107.222 | 2.12500 | 0.000000E+00 |
| 920 | -104.889 | 9.12500 | 0.000000E+00 |
| 921 | -102.369 | 9.12500 | 0.000000E+00 |
| 922 | -102.369 | 2.12500 | 0.000000E+00 |
| 923 | -100.036 | 9.12500 | 0.000000E+00 |
| 924 | -97.5160 | 9.12500 | 0.000000E+00 |
| 925 | -97.5160 | 2.12500 | 0.000000E+00 |
| 926 | -95.1827 | 9.12500 | 0.000000E+00 |
| 927 | -92.6630 | 9.12500 | 0.000000E+00 |
| 928 | -92.6630 | 2.12500 | 0.000000E+00 |
| 929 | -90.3297 | 9.12500 | 0.000000E+00 |
| 930 | -87.8100 | 9.12500 | 0.000000E+00 |
| 931 | -87.8100 | 2.12500 | 0.000000E+00 |
| 932 | -85.4767 | 9.12500 | 0.000000E+00 |
| 933 | -78.1060 | 9.12500 | 0.000000E+00 |
| 934 | -78.1060 | 2.12500 | 0.000000E+00 |
| 935 | -75.7727 | 9.12500 | 0.000000E+00 |
| 936 | -73.2550 | 9.12500 | 0.000000E+00 |
| 937 | -73.2550 | 2.12500 | 0.000000E+00 |
| 938 | -70.9217 | 9.12500 | 0.000000E+00 |
| 939 | -68.4040 | 9.12500 | 0.000000E+00 |
| 940 | -68.4040 | 2.12500 | 0.000000E+00 |
| 941 | -66.0707 | 9.12500 | 0.000000E+00 |
| 942 | -63.5530 | 9.12500 | 0.000000E+00 |
| 943 | -63.5530 | 2.12500 | 0.000000E+00 |
| 944 | -61.2197 | 9.12500 | 0.000000E+00 |
| 945 | -58.7020 | 9.12500 | 0.000000E+00 |
| 946 | -58.7020 | 2.12500 | 0.000000E+00 |
| 947 | -56.3687 | 9.12500 | 0.000000E+00 |
| 948 | -53.8510 | 9.12500 | 0.000000E+00 |
| 949 | -53.8510 | 2.12500 | 0.000000E+00 |
| 950 | -51.5177 | 9.12500 | 0.000000E+00 |
| 951 | -49.0000 | 9.12500 | 0.000000E+00 |
| 952 | -49.0000 | 2.12500 | 0.000000E+00 |
| 953 | -46.6667 | 9.12500 | 0.000000E+00 |
| 954 | -44.1490 | 9.12500 | 0.000000E+00 |
| 955 | -44.1490 | 2.12500 | 0.000000E+00 |
| 956 | -41.8157 | 9.12500 | 0.000000E+00 |
| 957 | -39.2980 | 9.12500 | 0.000000E+00 |
| 958 | -39.2980 | 2.12500 | 0.000000E+00 |
| 959 | -36.9647 | 9.12500 | 0.000000E+00 |
| 960 | 38.3980 | 9.12500 | 0.000000E+00 |
| 961 | 38.3980 | 2.12500 | 0.000000E+00 |
| 962 | 40.7313 | 9.12500 | 0.000000E+00 |
| 963 | 43.2490 | 9.12500 | 0.000000E+00 |
| 964 | 43.2490 | 2.12500 | 0.000000E+00 |
| 965 | 45.5823 | 9.12500 | 0.000000E+00 |
| 966 | 48.1000 | 9.12500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 967 | 48.1000 | 2.12500 | 0.000000E+00 |
| 968 | 50.4333 | 9.12500 | 0.000000E+00 |
| 969 | 52.9510 | 9.12500 | 0.000000E+00 |
| 970 | 52.9510 | 2.12500 | 0.000000E+00 |
| 971 | 55.2843 | 9.12500 | 0.000000E+00 |
| 972 | 57.8020 | 9.12500 | 0.000000E+00 |
| 973 | 57.8020 | 2.12500 | 0.000000E+00 |
| 974 | 60.1353 | 9.12500 | 0.000000E+00 |
| 975 | 62.6530 | 9.12500 | 0.000000E+00 |
| 976 | 62.6530 | 2.12500 | 0.000000E+00 |
| 977 | 64.9863 | 9.12500 | 0.000000E+00 |
| 978 | 67.5040 | 9.12500 | 0.000000E+00 |
| 979 | 67.5040 | 2.12500 | 0.000000E+00 |
| 980 | 69.8373 | 9.12500 | 0.000000E+00 |
| 981 | 72.3550 | 9.12500 | 0.000000E+00 |
| 982 | 72.3550 | 2.12500 | 0.000000E+00 |
| 983 | 74.6883 | 9.12500 | 0.000000E+00 |
| 984 | 77.2060 | 9.12500 | 0.000000E+00 |
| 985 | 77.2060 | 2.12500 | 0.000000E+00 |
| 986 | 79.5393 | 9.12500 | 0.000000E+00 |
| 987 | 86.9100 | 9.12500 | 0.000000E+00 |
| 988 | 86.9100 | 2.12500 | 0.000000E+00 |
| 989 | 89.2433 | 9.12500 | 0.000000E+00 |
| 990 | 91.7630 | 9.12500 | 0.000000E+00 |
| 991 | 91.7630 | 2.12500 | 0.000000E+00 |
| 992 | 94.0963 | 9.12500 | 0.000000E+00 |
| 993 | 96.6160 | 9.12500 | 0.000000E+00 |
| 994 | 96.6160 | 2.12500 | 0.000000E+00 |
| 995 | 98.9493 | 9.12500 | 0.000000E+00 |
| 996 | 101.469 | 9.12500 | 0.000000E+00 |
| 997 | 101.469 | 2.12500 | 0.000000E+00 |
| 998 | 103.802 | 9.12500 | 0.000000E+00 |
| 999 | 106.322 | 9.12500 | 0.000000E+00 |
| 1000 | 106.322 | 2.12500 | 0.000000E+00 |
| 1001 | 108.655 | 9.12500 | 0.000000E+00 |
| 1002 | 111.175 | 9.12500 | 0.000000E+00 |
| 1003 | 111.175 | 2.12500 | 0.000000E+00 |
| 1004 | 113.508 | 9.12500 | 0.000000E+00 |
| 1005 | 116.028 | 9.12500 | 0.000000E+00 |
| 1006 | 116.028 | 2.12500 | 0.000000E+00 |
| 1007 | 118.361 | 9.12500 | 0.000000E+00 |
| 1008 | 120.881 | 9.12500 | 0.000000E+00 |
| 1009 | 120.881 | 2.12500 | 0.000000E+00 |
| 1010 | 123.214 | 9.12500 | 0.000000E+00 |
| 1011 | 125.734 | 9.12500 | 0.000000E+00 |
| 1012 | 125.734 | 2.12500 | 0.000000E+00 |
| 1013 | 128.067 | 9.12500 | 0.000000E+00 |
| 1014 | 135.442 | 9.12500 | 0.000000E+00 |
| 1015 | 135.442 | 2.12500 | 0.000000E+00 |
| 1016 | 137.775 | 9.12500 | 0.000000E+00 |
| 1017 | 140.297 | 9.12500 | 0.000000E+00 |
| 1018 | 140.297 | 2.12500 | 0.000000E+00 |
| 1019 | 142.630 | 9.12500 | 0.000000E+00 |
| 1020 | 145.152 | 9.12500 | 0.000000E+00 |
| 1021 | 145.152 | 2.12500 | 0.000000E+00 |
| 1022 | 147.485 | 9.12500 | 0.000000E+00 |
| 1023 | 150.007 | 9.12500 | 0.000000E+00 |
| 1024 | 150.007 | 2.12500 | 0.000000E+00 |
| 1025 | 152.340 | 9.12500 | 0.000000E+00 |
| 1026 | 154.862 | 9.12500 | 0.000000E+00 |
| 1027 | 154.862 | 2.12500 | 0.000000E+00 |
| 1028 | 157.195 | 9.12500 | 0.000000E+00 |
| 1029 | 159.717 | 9.12500 | 0.000000E+00 |
| 1030 | 159.717 | 2.12500 | 0.000000E+00 |
| 1031 | 162.050 | 9.12500 | 0.000000E+00 |
| 1032 | 164.572 | 9.12500 | 0.000000E+00 |
| 1033 | 164.572 | 2.12500 | 0.000000E+00 |
| 1034 | 166.905 | 9.12500 | 0.000000E+00 |
| 1035 | 169.427 | 9.12500 | 0.000000E+00 |
| 1036 | 169.427 | 2.12500 | 0.000000E+00 |
| 1037 | 171.760 | 9.12500 | 0.000000E+00 |
| 1038 | 174.282 | 9.12500 | 0.000000E+00 |
| 1039 | 174.282 | 2.12500 | 0.000000E+00 |
| 1040 | 176.615 | 9.12500 | 0.000000E+00 |
| 1041 | 183.994 | 9.12500 | 0.000000E+00 |
| 1042 | 183.994 | 2.12500 | 0.000000E+00 |
| 1043 | 186.327 | 9.12500 | 0.000000E+00 |
| 1044 | 188.851 | 9.12500 | 0.000000E+00 |
| 1045 | 188.851 | 2.12500 | 0.000000E+00 |
| 1046 | 191.184 | 9.12500 | 0.000000E+00 |
| 1047 | 193.708 | 9.12500 | 0.000000E+00 |
| 1048 | 193.708 | 2.12500 | 0.000000E+00 |
| 1049 | 196.041 | 9.12500 | 0.000000E+00 |
| 1050 | 198.565 | 9.12500 | 0.000000E+00 |
| 1051 | 198.565 | 2.12500 | 0.000000E+00 |
| 1052 | 200.898 | 9.12500 | 0.000000E+00 |
| 1053 | 203.422 | 9.12500 | 0.000000E+00 |
| 1054 | 203.422 | 2.12500 | 0.000000E+00 |
| 1055 | 205.755 | 9.12500 | 0.000000E+00 |
| 1056 | 208.279 | 9.12500 | 0.000000E+00 |
| 1057 | 208.279 | 2.12500 | 0.000000E+00 |
| 1058 | 210.612 | 9.12500 | 0.000000E+00 |
| 1059 | 213.136 | 9.12500 | 0.000000E+00 |
| 1060 | 213.136 | 2.12500 | 0.000000E+00 |
| 1061 | 215.469 | 9.12500 | 0.000000E+00 |
| 1062 | 217.993 | 9.12500 | 0.000000E+00 |
| 1063 | 217.993 | 2.12500 | 0.000000E+00 |
| 1064 | 220.326 | 9.12500 | 0.000000E+00 |
| 1065 | 222.850 | 9.12500 | 0.000000E+00 |
| 1066 | 222.850 | 2.12500 | 0.000000E+00 |
| 1067 | 225.183 | 9.12500 | 0.000000E+00 |
| 1068 | 232.565 | 9.12500 | 0.000000E+00 |
| 1069 | 232.565 | 2.12500 | 0.000000E+00 |
| 1070 | 234.898 | 9.12500 | 0.000000E+00 |
| 1071 | 237.423 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1072 | 237.423 | 2.12500 | 0.000000E+00 |
| 1073 | 239.756 | 9.12500 | 0.000000E+00 |
| 1074 | 242.281 | 9.12500 | 0.000000E+00 |
| 1075 | 242.281 | 2.12500 | 0.000000E+00 |
| 1076 | 244.614 | 9.12500 | 0.000000E+00 |
| 1077 | 247.139 | 9.12500 | 0.000000E+00 |
| 1078 | 247.139 | 2.12500 | 0.000000E+00 |
| 1079 | 249.472 | 9.12500 | 0.000000E+00 |
| 1080 | 251.997 | 9.12500 | 0.000000E+00 |
| 1081 | 251.997 | 2.12500 | 0.000000E+00 |
| 1082 | 254.330 | 9.12500 | 0.000000E+00 |
| 1083 | 256.855 | 9.12500 | 0.000000E+00 |
| 1084 | 256.855 | 2.12500 | 0.000000E+00 |
| 1085 | 259.188 | 9.12500 | 0.000000E+00 |
| 1086 | 261.713 | 9.12500 | 0.000000E+00 |
| 1087 | 261.713 | 2.12500 | 0.000000E+00 |
| 1088 | 264.046 | 9.12500 | 0.000000E+00 |
| 1089 | 266.571 | 9.12500 | 0.000000E+00 |
| 1090 | 266.571 | 2.12500 | 0.000000E+00 |
| 1091 | 268.904 | 9.12500 | 0.000000E+00 |
| 1092 | 271.429 | 9.12500 | 0.000000E+00 |
| 1093 | 271.429 | 2.12500 | 0.000000E+00 |
| 1094 | 273.762 | 9.12500 | 0.000000E+00 |
| 1095 | 281.146 | 9.12500 | 0.000000E+00 |
| 1096 | 281.146 | 2.12500 | 0.000000E+00 |
| 1097 | 283.479 | 9.12500 | 0.000000E+00 |
| 1098 | 286.005 | 9.12500 | 0.000000E+00 |
| 1099 | 286.005 | 2.12500 | 0.000000E+00 |
| 1100 | 288.338 | 9.12500 | 0.000000E+00 |
| 1101 | 290.864 | 9.12500 | 0.000000E+00 |
| 1102 | 290.864 | 2.12500 | 0.000000E+00 |
| 1103 | 293.197 | 9.12500 | 0.000000E+00 |
| 1104 | 295.723 | 9.12500 | 0.000000E+00 |
| 1105 | 295.723 | 2.12500 | 0.000000E+00 |
| 1106 | 298.056 | 9.12500 | 0.000000E+00 |
| 1107 | 300.582 | 9.12500 | 0.000000E+00 |
| 1108 | 300.582 | 2.12500 | 0.000000E+00 |
| 1109 | 302.915 | 9.12500 | 0.000000E+00 |
| 1110 | 305.441 | 9.12500 | 0.000000E+00 |
| 1111 | 305.441 | 2.12500 | 0.000000E+00 |
| 1112 | 307.774 | 9.12500 | 0.000000E+00 |
| 1113 | 310.300 | 9.12500 | 0.000000E+00 |
| 1114 | 310.300 | 2.12500 | 0.000000E+00 |
| 1115 | 312.633 | 9.12500 | 0.000000E+00 |
| 1116 | 315.159 | 9.12500 | 0.000000E+00 |
| 1117 | 315.159 | 2.12500 | 0.000000E+00 |
| 1118 | 317.492 | 9.12500 | 0.000000E+00 |
| 1119 | 320.018 | 9.12500 | 0.000000E+00 |
| 1120 | 320.018 | 2.12500 | 0.000000E+00 |
| 1121 | 322.351 | 9.12500 | 0.000000E+00 |
| 1122 | 329.747 | 9.12500 | 0.000000E+00 |
| 1123 | 329.747 | 2.12500 | 0.000000E+00 |
| 1124 | 332.080 | 9.12500 | 0.000000E+00 |
| 1125 | 334.617 | 9.12500 | 0.000000E+00 |
| 1126 | 334.617 | 2.12500 | 0.000000E+00 |
| 1127 | 336.951 | 9.12500 | 0.000000E+00 |
| 1128 | 339.487 | 9.12500 | 0.000000E+00 |
| 1129 | 339.487 | 2.12500 | 0.000000E+00 |
| 1130 | 341.821 | 9.12500 | 0.000000E+00 |
| 1131 | 344.357 | 9.12500 | 0.000000E+00 |
| 1132 | 344.357 | 2.12500 | 0.000000E+00 |
| 1133 | 346.691 | 9.12500 | 0.000000E+00 |
| 1134 | 349.227 | 9.12500 | 0.000000E+00 |
| 1135 | 349.227 | 2.12500 | 0.000000E+00 |
| 1136 | 351.561 | 9.12500 | 0.000000E+00 |
| 1137 | 354.098 | 9.12500 | 0.000000E+00 |
| 1138 | 354.098 | 2.12500 | 0.000000E+00 |
| 1139 | 356.431 | 9.12500 | 0.000000E+00 |
| 1140 | 358.968 | 9.12500 | 0.000000E+00 |
| 1141 | 358.968 | 2.12500 | 0.000000E+00 |
| 1142 | 361.301 | 9.12500 | 0.000000E+00 |
| 1143 | 363.838 | 9.12500 | 0.000000E+00 |
| 1144 | 363.838 | 2.12500 | 0.000000E+00 |
| 1145 | 366.171 | 9.12500 | 0.000000E+00 |
| 1146 | 368.708 | 9.12500 | 0.000000E+00 |
| 1147 | 368.708 | 2.12500 | 0.000000E+00 |
| 1148 | 371.041 | 9.12500 | 0.000000E+00 |
| 1149 | -323.444 | 9.12500 | 0.000000E+00 |
| 1150 | -274.854 | 9.12500 | 0.000000E+00 |
| 1151 | -226.274 | 9.12500 | 0.000000E+00 |
| 1152 | -177.704 | 9.12500 | 0.000000E+00 |
| 1153 | -129.154 | 9.12500 | 0.000000E+00 |
| 1154 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1155 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1156 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1157 | 2.833333 | 9.12500 | 0.000000E+00 |
| 1158 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1159 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1160 | 132.920 | 9.12500 | 0.000000E+00 |
| 1161 | 181.470 | 9.12500 | 0.000000E+00 |
| 1162 | 230.040 | 9.12500 | 0.000000E+00 |
| 1163 | -357.476 | 9.12500 | 0.000000E+00 |
| 1164 | 278.620 | 9.12500 | 0.000000E+00 |
| 1165 | 327.210 | 9.12500 | 0.000000E+00 |
| 1166 | 375.911 | 9.12500 | 0.000000E+00 |
| 1167 | -352.614 | 9.12500 | 0.000000E+00 |
| 1168 | -347.752 | 9.12500 | 0.000000E+00 |
| 1169 | -342.891 | 9.12500 | 0.000000E+00 |
| 1170 | -338.029 | 9.12500 | 0.000000E+00 |
| 1171 | -333.167 | 9.12500 | 0.000000E+00 |
| 1172 | -328.305 | 9.12500 | 0.000000E+00 |
| 1173 | -27.3927 | 9.12500 | 0.000000E+00 |
| 1174 | -22.6717 | 9.12500 | 0.000000E+00 |
| 1175 | -17.9507 | 9.12500 | 0.000000E+00 |
| 1176 | -13.2297 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1177 | -8.50867 | 9.12500 | 0.000000E+00 |
| 1178 | -3.78767 | 9.12500 | 0.000000E+00 |
| 1179 | 7.55433 | 9.12500 | 0.000000E+00 |
| 1180 | 12.2753 | 9.12500 | 0.000000E+00 |
| 1181 | 16.9963 | 9.12500 | 0.000000E+00 |
| 1182 | 21.7173 | 9.12500 | 0.000000E+00 |
| 1183 | 26.4383 | 9.12500 | 0.000000E+00 |
| 1184 | 31.1593 | 9.12500 | 0.000000E+00 |
| 1185 | 380.773 | 9.12500 | 0.000000E+00 |
| 1186 | 385.635 | 9.12500 | 0.000000E+00 |
| 1187 | 390.496 | 9.12500 | 0.000000E+00 |
| 1188 | 395.358 | 9.12500 | 0.000000E+00 |
| 1189 | 400.220 | 9.12500 | 0.000000E+00 |
| 1190 | 405.082 | 9.12500 | 0.000000E+00 |
| 1191 | -318.585 | 9.12500 | 0.000000E+00 |
| 1192 | -313.726 | 9.12500 | 0.000000E+00 |
| 1193 | -308.867 | 9.12500 | 0.000000E+00 |
| 1194 | -304.008 | 9.12500 | 0.000000E+00 |
| 1195 | -299.149 | 9.12500 | 0.000000E+00 |
| 1196 | -294.290 | 9.12500 | 0.000000E+00 |
| 1197 | -289.431 | 9.12500 | 0.000000E+00 |
| 1198 | -284.572 | 9.12500 | 0.000000E+00 |
| 1199 | -279.713 | 9.12500 | 0.000000E+00 |
| 1200 | -269.996 | 9.12500 | 0.000000E+00 |
| 1201 | -265.138 | 9.12500 | 0.000000E+00 |
| 1202 | -260.280 | 9.12500 | 0.000000E+00 |
| 1203 | -255.422 | 9.12500 | 0.000000E+00 |
| 1204 | -250.564 | 9.12500 | 0.000000E+00 |
| 1205 | -245.706 | 9.12500 | 0.000000E+00 |
| 1206 | -240.848 | 9.12500 | 0.000000E+00 |
| 1207 | -235.990 | 9.12500 | 0.000000E+00 |
| 1208 | -231.132 | 9.12500 | 0.000000E+00 |
| 1209 | -221.417 | 9.12500 | 0.000000E+00 |
| 1210 | -216.560 | 9.12500 | 0.000000E+00 |
| 1211 | -211.703 | 9.12500 | 0.000000E+00 |
| 1212 | -206.846 | 9.12500 | 0.000000E+00 |
| 1213 | -201.989 | 9.12500 | 0.000000E+00 |
| 1214 | -197.132 | 9.12500 | 0.000000E+00 |
| 1215 | -192.275 | 9.12500 | 0.000000E+00 |
| 1216 | -187.418 | 9.12500 | 0.000000E+00 |
| 1217 | -182.561 | 9.12500 | 0.000000E+00 |
| 1218 | -172.849 | 9.12500 | 0.000000E+00 |
| 1219 | -167.994 | 9.12500 | 0.000000E+00 |
| 1220 | -163.139 | 9.12500 | 0.000000E+00 |
| 1221 | -158.284 | 9.12500 | 0.000000E+00 |
| 1222 | -153.429 | 9.12500 | 0.000000E+00 |
| 1223 | -148.574 | 9.12500 | 0.000000E+00 |
| 1224 | -143.719 | 9.12500 | 0.000000E+00 |
| 1225 | -138.864 | 9.12500 | 0.000000E+00 |
| 1226 | -134.009 | 9.12500 | 0.000000E+00 |
| 1227 | -124.301 | 9.12500 | 0.000000E+00 |
| 1228 | -119.448 | 9.12500 | 0.000000E+00 |
| 1229 | -114.595 | 9.12500 | 0.000000E+00 |
| 1230 | -109.742 | 9.12500 | 0.000000E+00 |
| 1231 | -104.889 | 9.12500 | 0.000000E+00 |
| 1232 | -100.036 | 9.12500 | 0.000000E+00 |
| 1233 | -95.1827 | 9.12500 | 0.000000E+00 |
| 1234 | -90.3297 | 9.12500 | 0.000000E+00 |
| 1235 | -85.4767 | 9.12500 | 0.000000E+00 |
| 1236 | -75.7727 | 9.12500 | 0.000000E+00 |
| 1237 | -70.9217 | 9.12500 | 0.000000E+00 |
| 1238 | -66.0707 | 9.12500 | 0.000000E+00 |
| 1239 | -61.2197 | 9.12500 | 0.000000E+00 |
| 1240 | -56.3687 | 9.12500 | 0.000000E+00 |
| 1241 | -51.5177 | 9.12500 | 0.000000E+00 |
| 1242 | -46.6667 | 9.12500 | 0.000000E+00 |
| 1243 | -41.8157 | 9.12500 | 0.000000E+00 |
| 1244 | -36.9647 | 9.12500 | 0.000000E+00 |
| 1245 | 40.7313 | 9.12500 | 0.000000E+00 |
| 1246 | 45.5823 | 9.12500 | 0.000000E+00 |
| 1247 | 50.4333 | 9.12500 | 0.000000E+00 |
| 1248 | 55.2843 | 9.12500 | 0.000000E+00 |
| 1249 | 60.1353 | 9.12500 | 0.000000E+00 |
| 1250 | 64.9863 | 9.12500 | 0.000000E+00 |
| 1251 | 69.8373 | 9.12500 | 0.000000E+00 |
| 1252 | 74.6883 | 9.12500 | 0.000000E+00 |
| 1253 | 79.5393 | 9.12500 | 0.000000E+00 |
| 1254 | 89.2433 | 9.12500 | 0.000000E+00 |
| 1255 | 94.0963 | 9.12500 | 0.000000E+00 |
| 1256 | 98.9493 | 9.12500 | 0.000000E+00 |
| 1257 | 103.802 | 9.12500 | 0.000000E+00 |
| 1258 | 108.655 | 9.12500 | 0.000000E+00 |
| 1259 | 113.508 | 9.12500 | 0.000000E+00 |
| 1260 | 118.361 | 9.12500 | 0.000000E+00 |
| 1261 | 123.214 | 9.12500 | 0.000000E+00 |
| 1262 | 128.067 | 9.12500 | 0.000000E+00 |
| 1263 | 137.775 | 9.12500 | 0.000000E+00 |
| 1264 | 142.630 | 9.12500 | 0.000000E+00 |
| 1265 | 147.485 | 9.12500 | 0.000000E+00 |
| 1266 | 152.340 | 9.12500 | 0.000000E+00 |
| 1267 | 157.195 | 9.12500 | 0.000000E+00 |
| 1268 | 162.050 | 9.12500 | 0.000000E+00 |
| 1269 | 166.905 | 9.12500 | 0.000000E+00 |
| 1270 | 171.760 | 9.12500 | 0.000000E+00 |
| 1271 | 176.615 | 9.12500 | 0.000000E+00 |
| 1272 | 186.327 | 9.12500 | 0.000000E+00 |
| 1273 | 191.184 | 9.12500 | 0.000000E+00 |
| 1274 | 196.041 | 9.12500 | 0.000000E+00 |
| 1275 | 200.898 | 9.12500 | 0.000000E+00 |
| 1276 | 205.755 | 9.12500 | 0.000000E+00 |
| 1277 | 210.612 | 9.12500 | 0.000000E+00 |
| 1278 | 215.469 | 9.12500 | 0.000000E+00 |
| 1279 | 220.326 | 9.12500 | 0.000000E+00 |
| 1280 | 225.183 | 9.12500 | 0.000000E+00 |
| 1281 | 234.898 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1282 | 239.756 | 9.12500 | 0.000000E+00 |
| 1283 | 244.614 | 9.12500 | 0.000000E+00 |
| 1284 | 249.472 | 9.12500 | 0.000000E+00 |
| 1285 | 254.330 | 9.12500 | 0.000000E+00 |
| 1286 | 259.188 | 9.12500 | 0.000000E+00 |
| 1287 | 264.046 | 9.12500 | 0.000000E+00 |
| 1288 | 268.904 | 9.12500 | 0.000000E+00 |
| 1289 | 273.762 | 9.12500 | 0.000000E+00 |
| 1290 | 283.479 | 9.12500 | 0.000000E+00 |
| 1291 | 288.338 | 9.12500 | 0.000000E+00 |
| 1292 | 293.197 | 9.12500 | 0.000000E+00 |
| 1293 | 298.056 | 9.12500 | 0.000000E+00 |
| 1294 | 302.915 | 9.12500 | 0.000000E+00 |
| 1295 | 307.774 | 9.12500 | 0.000000E+00 |
| 1296 | 312.633 | 9.12500 | 0.000000E+00 |
| 1297 | 317.492 | 9.12500 | 0.000000E+00 |
| 1298 | 322.351 | 9.12500 | 0.000000E+00 |
| 1299 | 332.080 | 9.12500 | 0.000000E+00 |
| 1300 | 336.951 | 9.12500 | 0.000000E+00 |
| 1301 | 341.821 | 9.12500 | 0.000000E+00 |
| 1302 | 346.691 | 9.12500 | 0.000000E+00 |
| 1303 | 351.561 | 9.12500 | 0.000000E+00 |
| 1304 | 356.431 | 9.12500 | 0.000000E+00 |
| 1305 | 361.301 | 9.12500 | 0.000000E+00 |
| 1306 | 366.171 | 9.12500 | 0.000000E+00 |
| 1307 | 371.041 | 9.12500 | 0.000000E+00 |
| 1308 | -323.444 | 9.12500 | 0.000000E+00 |
| 1309 | -274.854 | 9.12500 | 0.000000E+00 |
| 1310 | -226.274 | 9.12500 | 0.000000E+00 |
| 1311 | -177.704 | 9.12500 | 0.000000E+00 |
| 1312 | -129.154 | 9.12500 | 0.000000E+00 |
| 1313 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1314 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1315 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1316 | 2.83333 | 9.12500 | 0.000000E+00 |
| 1317 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1318 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1319 | 132.920 | 9.12500 | 0.000000E+00 |
| 1320 | 181.470 | 9.12500 | 0.000000E+00 |
| 1321 | 230.040 | 9.12500 | 0.000000E+00 |
| 1322 | -359.809 | 0.000000E+00 | 0.000000E+00 |
| 1323 | -358.809 | 2.12500 | 0.000000E+00 |
| 1324 | 276.287 | 0.000000E+00 | 0.000000E+00 |
| 1325 | 277.287 | 2.12500 | 0.000000E+00 |
| 1326 | 324.877 | 0.000000E+00 | 0.000000E+00 |
| 1327 | 325.877 | 2.12500 | 0.000000E+00 |
| 1328 | -354.947 | 0.000000E+00 | 0.000000E+00 |
| 1329 | -353.947 | 2.12500 | 0.000000E+00 |
| 1330 | -350.086 | 0.000000E+00 | 0.000000E+00 |
| 1331 | -349.086 | 2.12500 | 0.000000E+00 |
| 1332 | -345.224 | 0.000000E+00 | 0.000000E+00 |
| 1333 | -344.224 | 2.12500 | 0.000000E+00 |
| 1334 | -340.362 | 0.000000E+00 | 0.000000E+00 |
| 1335 | -339.362 | 2.12500 | 0.000000E+00 |
| 1336 | -335.500 | 0.000000E+00 | 0.000000E+00 |
| 1337 | -334.500 | 2.12500 | 0.000000E+00 |
| 1338 | -330.639 | 0.000000E+00 | 0.000000E+00 |
| 1339 | -329.639 | 2.12500 | 0.000000E+00 |
| 1340 | -29.7260 | 0.000000E+00 | 0.000000E+00 |
| 1341 | -28.7260 | 2.12500 | 0.000000E+00 |
| 1342 | -25.0050 | 0.000000E+00 | 0.000000E+00 |
| 1343 | -24.0050 | 2.12500 | 0.000000E+00 |
| 1344 | -20.2840 | 0.000000E+00 | 0.000000E+00 |
| 1345 | -19.2840 | 2.12500 | 0.000000E+00 |
| 1346 | -15.5630 | 0.000000E+00 | 0.000000E+00 |
| 1347 | -14.5630 | 2.12500 | 0.000000E+00 |
| 1348 | -10.8420 | 0.000000E+00 | 0.000000E+00 |
| 1349 | -9.84200 | 2.12500 | 0.000000E+00 |
| 1350 | -6.12100 | 0.000000E+00 | 0.000000E+00 |
| 1351 | -5.12100 | 2.12500 | 0.000000E+00 |
| 1352 | 5.22100 | 0.000000E+00 | 0.000000E+00 |
| 1353 | 6.22100 | 2.12500 | 0.000000E+00 |
| 1354 | 9.94200 | 0.000000E+00 | 0.000000E+00 |
| 1355 | 10.9420 | 2.12500 | 0.000000E+00 |
| 1356 | 14.6630 | 0.000000E+00 | 0.000000E+00 |
| 1357 | 15.6630 | 2.12500 | 0.000000E+00 |
| 1358 | 19.3840 | 0.000000E+00 | 0.000000E+00 |
| 1359 | 20.3840 | 2.12500 | 0.000000E+00 |
| 1360 | 24.1050 | 0.000000E+00 | 0.000000E+00 |
| 1361 | 25.1050 | 2.12500 | 0.000000E+00 |
| 1362 | 28.8260 | 0.000000E+00 | 0.000000E+00 |
| 1363 | 29.8260 | 2.12500 | 0.000000E+00 |
| 1364 | -320.918 | 0.000000E+00 | 0.000000E+00 |
| 1365 | -319.918 | 2.12500 | 0.000000E+00 |
| 1366 | -316.059 | 0.000000E+00 | 0.000000E+00 |
| 1367 | -315.059 | 2.12500 | 0.000000E+00 |
| 1368 | -311.200 | 0.000000E+00 | 0.000000E+00 |
| 1369 | -310.200 | 2.12500 | 0.000000E+00 |
| 1370 | -306.341 | 0.000000E+00 | 0.000000E+00 |
| 1371 | -305.341 | 2.12500 | 0.000000E+00 |
| 1372 | -301.482 | 0.000000E+00 | 0.000000E+00 |
| 1373 | -300.482 | 2.12500 | 0.000000E+00 |
| 1374 | -296.623 | 0.000000E+00 | 0.000000E+00 |
| 1375 | -295.623 | 2.12500 | 0.000000E+00 |
| 1376 | -291.764 | 0.000000E+00 | 0.000000E+00 |
| 1377 | -290.764 | 2.12500 | 0.000000E+00 |
| 1378 | -286.905 | 0.000000E+00 | 0.000000E+00 |
| 1379 | -285.905 | 2.12500 | 0.000000E+00 |
| 1380 | -282.046 | 0.000000E+00 | 0.000000E+00 |
| 1381 | -281.046 | 2.12500 | 0.000000E+00 |
| 1382 | -272.329 | 0.000000E+00 | 0.000000E+00 |
| 1383 | -271.329 | 2.12500 | 0.000000E+00 |
| 1384 | -267.471 | 0.000000E+00 | 0.000000E+00 |
| 1385 | -266.471 | 2.12500 | 0.000000E+00 |
| 1386 | -262.613 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1387 | -261.613 | 2.12500 | 0.000000E+00 |
| 1388 | -257.755 | 0.000000E+00 | 0.000000E+00 |
| 1389 | -256.755 | 2.12500 | 0.000000E+00 |
| 1390 | -252.897 | 0.000000E+00 | 0.000000E+00 |
| 1391 | -251.897 | 2.12500 | 0.000000E+00 |
| 1392 | -248.039 | 0.000000E+00 | 0.000000E+00 |
| 1393 | -247.039 | 2.12500 | 0.000000E+00 |
| 1394 | -243.181 | 0.000000E+00 | 0.000000E+00 |
| 1395 | -242.181 | 2.12500 | 0.000000E+00 |
| 1396 | -238.323 | 0.000000E+00 | 0.000000E+00 |
| 1397 | -237.323 | 2.12500 | 0.000000E+00 |
| 1398 | -233.465 | 0.000000E+00 | 0.000000E+00 |
| 1399 | -232.465 | 2.12500 | 0.000000E+00 |
| 1400 | -223.750 | 0.000000E+00 | 0.000000E+00 |
| 1401 | -222.750 | 2.12500 | 0.000000E+00 |
| 1402 | -218.893 | 0.000000E+00 | 0.000000E+00 |
| 1403 | -217.893 | 2.12500 | 0.000000E+00 |
| 1404 | -214.036 | 0.000000E+00 | 0.000000E+00 |
| 1405 | -213.036 | 2.12500 | 0.000000E+00 |
| 1406 | -209.179 | 0.000000E+00 | 0.000000E+00 |
| 1407 | -208.179 | 2.12500 | 0.000000E+00 |
| 1408 | -204.322 | 0.000000E+00 | 0.000000E+00 |
| 1409 | -203.322 | 2.12500 | 0.000000E+00 |
| 1410 | -199.465 | 0.000000E+00 | 0.000000E+00 |
| 1411 | -198.465 | 2.12500 | 0.000000E+00 |
| 1412 | -194.608 | 0.000000E+00 | 0.000000E+00 |
| 1413 | -193.608 | 2.12500 | 0.000000E+00 |
| 1414 | -189.751 | 0.000000E+00 | 0.000000E+00 |
| 1415 | -188.751 | 2.12500 | 0.000000E+00 |
| 1416 | -184.894 | 0.000000E+00 | 0.000000E+00 |
| 1417 | -183.894 | 2.12500 | 0.000000E+00 |
| 1418 | -175.182 | 0.000000E+00 | 0.000000E+00 |
| 1419 | -174.182 | 2.12500 | 0.000000E+00 |
| 1420 | -170.327 | 0.000000E+00 | 0.000000E+00 |
| 1421 | -169.327 | 2.12500 | 0.000000E+00 |
| 1422 | -165.472 | 0.000000E+00 | 0.000000E+00 |
| 1423 | -164.472 | 2.12500 | 0.000000E+00 |
| 1424 | -160.617 | 0.000000E+00 | 0.000000E+00 |
| 1425 | -159.617 | 2.12500 | 0.000000E+00 |
| 1426 | -155.762 | 0.000000E+00 | 0.000000E+00 |
| 1427 | -154.762 | 2.12500 | 0.000000E+00 |
| 1428 | -150.907 | 0.000000E+00 | 0.000000E+00 |
| 1429 | -149.907 | 2.12500 | 0.000000E+00 |
| 1430 | -146.052 | 0.000000E+00 | 0.000000E+00 |
| 1431 | -145.052 | 2.12500 | 0.000000E+00 |
| 1432 | -141.197 | 0.000000E+00 | 0.000000E+00 |
| 1433 | -140.197 | 2.12500 | 0.000000E+00 |
| 1434 | -136.342 | 0.000000E+00 | 0.000000E+00 |
| 1435 | -135.342 | 2.12500 | 0.000000E+00 |
| 1436 | -126.634 | 0.000000E+00 | 0.000000E+00 |
| 1437 | -125.634 | 2.12500 | 0.000000E+00 |
| 1438 | -121.781 | 0.000000E+00 | 0.000000E+00 |
| 1439 | -120.781 | 2.12500 | 0.000000E+00 |
| 1440 | -116.928 | 0.000000E+00 | 0.000000E+00 |
| 1441 | -115.928 | 2.12500 | 0.000000E+00 |
| 1442 | -112.075 | 0.000000E+00 | 0.000000E+00 |
| 1443 | -111.075 | 2.12500 | 0.000000E+00 |
| 1444 | -107.222 | 0.000000E+00 | 0.000000E+00 |
| 1445 | -106.222 | 2.12500 | 0.000000E+00 |
| 1446 | -102.369 | 0.000000E+00 | 0.000000E+00 |
| 1447 | -101.369 | 2.12500 | 0.000000E+00 |
| 1448 | -97.5160 | 0.000000E+00 | 0.000000E+00 |
| 1449 | -96.5160 | 2.12500 | 0.000000E+00 |
| 1450 | -92.6630 | 0.000000E+00 | 0.000000E+00 |
| 1451 | -91.6630 | 2.12500 | 0.000000E+00 |
| 1452 | -87.8100 | 0.000000E+00 | 0.000000E+00 |
| 1453 | -86.8100 | 2.12500 | 0.000000E+00 |
| 1454 | -78.1060 | 0.000000E+00 | 0.000000E+00 |
| 1455 | -77.1060 | 2.12500 | 0.000000E+00 |
| 1456 | -73.2550 | 0.000000E+00 | 0.000000E+00 |
| 1457 | -72.2550 | 2.12500 | 0.000000E+00 |
| 1458 | -68.4040 | 0.000000E+00 | 0.000000E+00 |
| 1459 | -67.4040 | 2.12500 | 0.000000E+00 |
| 1460 | -63.5530 | 0.000000E+00 | 0.000000E+00 |
| 1461 | -62.5530 | 2.12500 | 0.000000E+00 |
| 1462 | -58.7020 | 0.000000E+00 | 0.000000E+00 |
| 1463 | -57.7020 | 2.12500 | 0.000000E+00 |
| 1464 | -53.8510 | 0.000000E+00 | 0.000000E+00 |
| 1465 | -52.8510 | 2.12500 | 0.000000E+00 |
| 1466 | -49.0000 | 0.000000E+00 | 0.000000E+00 |
| 1467 | -48.0000 | 2.12500 | 0.000000E+00 |
| 1468 | -44.1490 | 0.000000E+00 | 0.000000E+00 |
| 1469 | -43.1490 | 2.12500 | 0.000000E+00 |
| 1470 | -39.2980 | 0.000000E+00 | 0.000000E+00 |
| 1471 | -38.2980 | 2.12500 | 0.000000E+00 |
| 1472 | 38.3980 | 0.000000E+00 | 0.000000E+00 |
| 1473 | 39.3980 | 2.12500 | 0.000000E+00 |
| 1474 | 43.2490 | 0.000000E+00 | 0.000000E+00 |
| 1475 | 44.2490 | 2.12500 | 0.000000E+00 |
| 1476 | 48.1000 | 0.000000E+00 | 0.000000E+00 |
| 1477 | 49.1000 | 2.12500 | 0.000000E+00 |
| 1478 | 52.9510 | 0.000000E+00 | 0.000000E+00 |
| 1479 | 53.9510 | 2.12500 | 0.000000E+00 |
| 1480 | 57.8020 | 0.000000E+00 | 0.000000E+00 |
| 1481 | 58.8020 | 2.12500 | 0.000000E+00 |
| 1482 | 62.6530 | 0.000000E+00 | 0.000000E+00 |
| 1483 | 63.6530 | 2.12500 | 0.000000E+00 |
| 1484 | 67.5040 | 0.000000E+00 | 0.000000E+00 |
| 1485 | 68.5040 | 2.12500 | 0.000000E+00 |
| 1486 | 72.3550 | 0.000000E+00 | 0.000000E+00 |
| 1487 | 73.3550 | 2.12500 | 0.000000E+00 |
| 1488 | 77.2060 | 0.000000E+00 | 0.000000E+00 |
| 1489 | 78.2060 | 2.12500 | 0.000000E+00 |
| 1490 | 86.9100 | 0.000000E+00 | 0.000000E+00 |
| 1491 | 87.9100 | 2.12500 | 0.000000E+00 |

| | | | |
|------|---------|--------------|--------------|
| 1492 | 91.7630 | 0.000000E+00 | 0.000000E+00 |
| 1493 | 92.7630 | 2.12500 | 0.000000E+00 |
| 1494 | 96.6160 | 0.000000E+00 | 0.000000E+00 |
| 1495 | 97.6160 | 2.12500 | 0.000000E+00 |
| 1496 | 101.469 | 0.000000E+00 | 0.000000E+00 |
| 1497 | 102.469 | 2.12500 | 0.000000E+00 |
| 1498 | 106.322 | 0.000000E+00 | 0.000000E+00 |
| 1499 | 107.322 | 2.12500 | 0.000000E+00 |
| 1500 | 111.175 | 0.000000E+00 | 0.000000E+00 |
| 1501 | 112.175 | 2.12500 | 0.000000E+00 |
| 1502 | 116.028 | 0.000000E+00 | 0.000000E+00 |
| 1503 | 117.028 | 2.12500 | 0.000000E+00 |
| 1504 | 120.881 | 0.000000E+00 | 0.000000E+00 |
| 1505 | 121.881 | 2.12500 | 0.000000E+00 |
| 1506 | 125.734 | 0.000000E+00 | 0.000000E+00 |
| 1507 | 126.734 | 2.12500 | 0.000000E+00 |
| 1508 | 135.442 | 0.000000E+00 | 0.000000E+00 |
| 1509 | 136.442 | 2.12500 | 0.000000E+00 |
| 1510 | 140.297 | 0.000000E+00 | 0.000000E+00 |
| 1511 | 141.297 | 2.12500 | 0.000000E+00 |
| 1512 | 145.152 | 0.000000E+00 | 0.000000E+00 |
| 1513 | 146.152 | 2.12500 | 0.000000E+00 |
| 1514 | 150.007 | 0.000000E+00 | 0.000000E+00 |
| 1515 | 151.007 | 2.12500 | 0.000000E+00 |
| 1516 | 154.862 | 0.000000E+00 | 0.000000E+00 |
| 1517 | 155.862 | 2.12500 | 0.000000E+00 |
| 1518 | 159.717 | 0.000000E+00 | 0.000000E+00 |
| 1519 | 160.717 | 2.12500 | 0.000000E+00 |
| 1520 | 164.572 | 0.000000E+00 | 0.000000E+00 |
| 1521 | 165.572 | 2.12500 | 0.000000E+00 |
| 1522 | 169.427 | 0.000000E+00 | 0.000000E+00 |
| 1523 | 170.427 | 2.12500 | 0.000000E+00 |
| 1524 | 174.282 | 0.000000E+00 | 0.000000E+00 |
| 1525 | 175.282 | 2.12500 | 0.000000E+00 |
| 1526 | 183.994 | 0.000000E+00 | 0.000000E+00 |
| 1527 | 184.994 | 2.12500 | 0.000000E+00 |
| 1528 | 188.851 | 0.000000E+00 | 0.000000E+00 |
| 1529 | 189.851 | 2.12500 | 0.000000E+00 |
| 1530 | 193.708 | 0.000000E+00 | 0.000000E+00 |
| 1531 | 194.708 | 2.12500 | 0.000000E+00 |
| 1532 | 198.565 | 0.000000E+00 | 0.000000E+00 |
| 1533 | 199.565 | 2.12500 | 0.000000E+00 |
| 1534 | 203.422 | 0.000000E+00 | 0.000000E+00 |
| 1535 | 204.422 | 2.12500 | 0.000000E+00 |
| 1536 | 208.279 | 0.000000E+00 | 0.000000E+00 |
| 1537 | 209.279 | 2.12500 | 0.000000E+00 |
| 1538 | 213.136 | 0.000000E+00 | 0.000000E+00 |
| 1539 | 214.136 | 2.12500 | 0.000000E+00 |
| 1540 | 217.993 | 0.000000E+00 | 0.000000E+00 |
| 1541 | 218.993 | 2.12500 | 0.000000E+00 |
| 1542 | 222.850 | 0.000000E+00 | 0.000000E+00 |
| 1543 | 223.850 | 2.12500 | 0.000000E+00 |
| 1544 | 232.565 | 0.000000E+00 | 0.000000E+00 |
| 1545 | 233.565 | 2.12500 | 0.000000E+00 |
| 1546 | 237.423 | 0.000000E+00 | 0.000000E+00 |
| 1547 | 238.423 | 2.12500 | 0.000000E+00 |
| 1548 | 242.281 | 0.000000E+00 | 0.000000E+00 |
| 1549 | 243.281 | 2.12500 | 0.000000E+00 |
| 1550 | 247.139 | 0.000000E+00 | 0.000000E+00 |
| 1551 | 248.139 | 2.12500 | 0.000000E+00 |
| 1552 | 251.997 | 0.000000E+00 | 0.000000E+00 |
| 1553 | 252.997 | 2.12500 | 0.000000E+00 |
| 1554 | 256.855 | 0.000000E+00 | 0.000000E+00 |
| 1555 | 257.855 | 2.12500 | 0.000000E+00 |
| 1556 | 261.713 | 0.000000E+00 | 0.000000E+00 |
| 1557 | 262.713 | 2.12500 | 0.000000E+00 |
| 1558 | 266.571 | 0.000000E+00 | 0.000000E+00 |
| 1559 | 267.571 | 2.12500 | 0.000000E+00 |
| 1560 | 271.429 | 0.000000E+00 | 0.000000E+00 |
| 1561 | 272.429 | 2.12500 | 0.000000E+00 |
| 1562 | 281.146 | 0.000000E+00 | 0.000000E+00 |
| 1563 | 282.146 | 2.12500 | 0.000000E+00 |
| 1564 | 286.005 | 0.000000E+00 | 0.000000E+00 |
| 1565 | 287.005 | 2.12500 | 0.000000E+00 |
| 1566 | 290.864 | 0.000000E+00 | 0.000000E+00 |
| 1567 | 291.864 | 2.12500 | 0.000000E+00 |
| 1568 | 295.723 | 0.000000E+00 | 0.000000E+00 |
| 1569 | 296.723 | 2.12500 | 0.000000E+00 |
| 1570 | 300.582 | 0.000000E+00 | 0.000000E+00 |
| 1571 | 301.582 | 2.12500 | 0.000000E+00 |
| 1572 | 305.441 | 0.000000E+00 | 0.000000E+00 |
| 1573 | 306.441 | 2.12500 | 0.000000E+00 |
| 1574 | 310.300 | 0.000000E+00 | 0.000000E+00 |
| 1575 | 311.300 | 2.12500 | 0.000000E+00 |
| 1576 | 315.159 | 0.000000E+00 | 0.000000E+00 |
| 1577 | 316.159 | 2.12500 | 0.000000E+00 |
| 1578 | 320.018 | 0.000000E+00 | 0.000000E+00 |
| 1579 | 321.018 | 2.12500 | 0.000000E+00 |
| 1580 | 329.747 | 0.000000E+00 | 0.000000E+00 |
| 1581 | 330.747 | 2.12500 | 0.000000E+00 |
| 1582 | 334.617 | 0.000000E+00 | 0.000000E+00 |
| 1583 | 335.617 | 2.12500 | 0.000000E+00 |
| 1584 | 339.487 | 0.000000E+00 | 0.000000E+00 |
| 1585 | 340.487 | 2.12500 | 0.000000E+00 |
| 1586 | 344.357 | 0.000000E+00 | 0.000000E+00 |
| 1587 | 345.357 | 2.12500 | 0.000000E+00 |
| 1588 | 349.227 | 0.000000E+00 | 0.000000E+00 |
| 1589 | 350.227 | 2.12500 | 0.000000E+00 |
| 1590 | 354.098 | 0.000000E+00 | 0.000000E+00 |
| 1591 | 355.098 | 2.12500 | 0.000000E+00 |
| 1592 | 358.968 | 0.000000E+00 | 0.000000E+00 |
| 1593 | 359.968 | 2.12500 | 0.000000E+00 |
| 1594 | 363.838 | 0.000000E+00 | 0.000000E+00 |
| 1595 | 364.838 | 2.12500 | 0.000000E+00 |
| 1596 | 368.708 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|-----------|--------------|--------------|
| 1597 | 369.708 | 2.12500 | 0.000000E+00 |
| 1598 | -325.777 | 0.000000E+00 | 0.000000E+00 |
| 1599 | -324.777 | 2.12500 | 0.000000E+00 |
| 1600 | -277.187 | 0.000000E+00 | 0.000000E+00 |
| 1601 | -276.187 | 2.12500 | 0.000000E+00 |
| 1602 | -228.607 | 0.000000E+00 | 0.000000E+00 |
| 1603 | -227.607 | 2.12500 | 0.000000E+00 |
| 1604 | -180.037 | 0.000000E+00 | 0.000000E+00 |
| 1605 | -179.037 | 2.12500 | 0.000000E+00 |
| 1606 | -131.487 | 0.000000E+00 | 0.000000E+00 |
| 1607 | -130.487 | 2.12500 | 0.000000E+00 |
| 1608 | -82.9570 | 0.000000E+00 | 0.000000E+00 |
| 1609 | -81.9570 | 2.12500 | 0.000000E+00 |
| 1610 | -34.4470 | 0.000000E+00 | 0.000000E+00 |
| 1611 | -33.4470 | 2.12500 | 0.000000E+00 |
| 1612 | -1.40000 | 0.000000E+00 | 0.000000E+00 |
| 1613 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1614 | 0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1615 | 1.50000 | 2.12500 | 0.000000E+00 |
| 1616 | 33.5470 | 0.000000E+00 | 0.000000E+00 |
| 1617 | 34.5470 | 2.12500 | 0.000000E+00 |
| 1618 | 82.0570 | 0.000000E+00 | 0.000000E+00 |
| 1619 | 83.0570 | 2.12500 | 0.000000E+00 |
| 1620 | 130.587 | 0.000000E+00 | 0.000000E+00 |
| 1621 | 131.587 | 2.12500 | 0.000000E+00 |
| 1622 | 179.137 | 0.000000E+00 | 0.000000E+00 |
| 1623 | 180.137 | 2.12500 | 0.000000E+00 |
| 1624 | 227.707 | 0.000000E+00 | 0.000000E+00 |
| 1625 | 228.707 | 2.12500 | 0.000000E+00 |
| 1626 | -0.500000 | 2.12500 | 0.000000E+00 |
| 1627 | -0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1628 | 0.500000 | 2.12500 | 0.000000E+00 |
| 1629 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1630 | -0.400000 | 0.000000E+00 | 0.000000E+00 |
| 1631 | 0.600000 | 2.12500 | 0.000000E+00 |
| 1632 | -360.409 | 2.12500 | 0.000000E+00 |
| 1633 | -360.409 | 0.000000E+00 | 0.000000E+00 |
| 1634 | -359.409 | 2.12500 | 0.000000E+00 |
| 1635 | 408.210 | 2.12500 | 0.000000E+00 |
| 1636 | 408.210 | -1.17000 | 0.000000E+00 |
| 1637 | 409.308 | 2.12500 | 0.000000E+00 |
| 1638 | -359.809 | 11.2500 | 0.000000E+00 |
| 1639 | -360.809 | 9.12500 | 0.000000E+00 |
| 1640 | 276.287 | 11.2500 | 0.000000E+00 |
| 1641 | 275.287 | 9.12500 | 0.000000E+00 |
| 1642 | 324.877 | 11.2500 | 0.000000E+00 |
| 1643 | 323.877 | 9.12500 | 0.000000E+00 |
| 1644 | -354.947 | 11.2500 | 0.000000E+00 |
| 1645 | -355.947 | 9.12500 | 0.000000E+00 |
| 1646 | -350.086 | 11.2500 | 0.000000E+00 |
| 1647 | -351.086 | 9.12500 | 0.000000E+00 |
| 1648 | -345.224 | 11.2500 | 0.000000E+00 |
| 1649 | -346.224 | 9.12500 | 0.000000E+00 |
| 1650 | -340.362 | 11.2500 | 0.000000E+00 |
| 1651 | -341.362 | 9.12500 | 0.000000E+00 |
| 1652 | -335.500 | 11.2500 | 0.000000E+00 |
| 1653 | -336.500 | 9.12500 | 0.000000E+00 |
| 1654 | -330.639 | 11.2500 | 0.000000E+00 |
| 1655 | -331.639 | 9.12500 | 0.000000E+00 |
| 1656 | -29.7260 | 11.2500 | 0.000000E+00 |
| 1657 | -30.7260 | 9.12500 | 0.000000E+00 |
| 1658 | -25.0050 | 11.2500 | 0.000000E+00 |
| 1659 | -26.0050 | 9.12500 | 0.000000E+00 |
| 1660 | -20.2840 | 11.2500 | 0.000000E+00 |
| 1661 | -21.2840 | 9.12500 | 0.000000E+00 |
| 1662 | -15.5630 | 11.2500 | 0.000000E+00 |
| 1663 | -16.5630 | 9.12500 | 0.000000E+00 |
| 1664 | -10.8420 | 11.2500 | 0.000000E+00 |
| 1665 | -11.8420 | 9.12500 | 0.000000E+00 |
| 1666 | -6.12100 | 11.2500 | 0.000000E+00 |
| 1667 | -7.12100 | 9.12500 | 0.000000E+00 |
| 1668 | 5.22100 | 11.2500 | 0.000000E+00 |
| 1669 | 4.22100 | 9.12500 | 0.000000E+00 |
| 1670 | 9.94200 | 11.2500 | 0.000000E+00 |
| 1671 | 8.94200 | 9.12500 | 0.000000E+00 |
| 1672 | 14.6630 | 11.2500 | 0.000000E+00 |
| 1673 | 13.6630 | 9.12500 | 0.000000E+00 |
| 1674 | 19.3840 | 11.2500 | 0.000000E+00 |
| 1675 | 18.3840 | 9.12500 | 0.000000E+00 |
| 1676 | 24.1050 | 11.2500 | 0.000000E+00 |
| 1677 | 23.1050 | 9.12500 | 0.000000E+00 |
| 1678 | 28.8260 | 11.2500 | 0.000000E+00 |
| 1679 | 27.8260 | 9.12500 | 0.000000E+00 |
| 1680 | -320.918 | 11.2500 | 0.000000E+00 |
| 1681 | -321.918 | 9.12500 | 0.000000E+00 |
| 1682 | -316.059 | 11.2500 | 0.000000E+00 |
| 1683 | -317.059 | 9.12500 | 0.000000E+00 |
| 1684 | -311.200 | 11.2500 | 0.000000E+00 |
| 1685 | -312.200 | 9.12500 | 0.000000E+00 |
| 1686 | -306.341 | 11.2500 | 0.000000E+00 |
| 1687 | -307.341 | 9.12500 | 0.000000E+00 |
| 1688 | -301.482 | 11.2500 | 0.000000E+00 |
| 1689 | -302.482 | 9.12500 | 0.000000E+00 |
| 1690 | -296.623 | 11.2500 | 0.000000E+00 |
| 1691 | -297.623 | 9.12500 | 0.000000E+00 |
| 1692 | -291.764 | 11.2500 | 0.000000E+00 |
| 1693 | -292.764 | 9.12500 | 0.000000E+00 |
| 1694 | -286.905 | 11.2500 | 0.000000E+00 |
| 1695 | -287.905 | 9.12500 | 0.000000E+00 |
| 1696 | -282.046 | 11.2500 | 0.000000E+00 |
| 1697 | -283.046 | 9.12500 | 0.000000E+00 |
| 1698 | -272.329 | 11.2500 | 0.000000E+00 |
| 1699 | -273.329 | 9.12500 | 0.000000E+00 |
| 1700 | -267.471 | 11.2500 | 0.000000E+00 |
| 1701 | -268.471 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1702 | -262.613 | 11.2500 | 0.000000E+00 |
| 1703 | -263.613 | 9.12500 | 0.000000E+00 |
| 1704 | -257.755 | 11.2500 | 0.000000E+00 |
| 1705 | -258.755 | 9.12500 | 0.000000E+00 |
| 1706 | -252.897 | 11.2500 | 0.000000E+00 |
| 1707 | -253.897 | 9.12500 | 0.000000E+00 |
| 1708 | -248.039 | 11.2500 | 0.000000E+00 |
| 1709 | -249.039 | 9.12500 | 0.000000E+00 |
| 1710 | -243.181 | 11.2500 | 0.000000E+00 |
| 1711 | -244.181 | 9.12500 | 0.000000E+00 |
| 1712 | -238.323 | 11.2500 | 0.000000E+00 |
| 1713 | -239.323 | 9.12500 | 0.000000E+00 |
| 1714 | -233.465 | 11.2500 | 0.000000E+00 |
| 1715 | -234.465 | 9.12500 | 0.000000E+00 |
| 1716 | -223.750 | 11.2500 | 0.000000E+00 |
| 1717 | -224.750 | 9.12500 | 0.000000E+00 |
| 1718 | -218.893 | 11.2500 | 0.000000E+00 |
| 1719 | -219.893 | 9.12500 | 0.000000E+00 |
| 1720 | -214.036 | 11.2500 | 0.000000E+00 |
| 1721 | -215.036 | 9.12500 | 0.000000E+00 |
| 1722 | -209.179 | 11.2500 | 0.000000E+00 |
| 1723 | -210.179 | 9.12500 | 0.000000E+00 |
| 1724 | -204.322 | 11.2500 | 0.000000E+00 |
| 1725 | -205.322 | 9.12500 | 0.000000E+00 |
| 1726 | -199.465 | 11.2500 | 0.000000E+00 |
| 1727 | -200.465 | 9.12500 | 0.000000E+00 |
| 1728 | -194.608 | 11.2500 | 0.000000E+00 |
| 1729 | -195.608 | 9.12500 | 0.000000E+00 |
| 1730 | -189.751 | 11.2500 | 0.000000E+00 |
| 1731 | -190.751 | 9.12500 | 0.000000E+00 |
| 1732 | -184.894 | 11.2500 | 0.000000E+00 |
| 1733 | -185.894 | 9.12500 | 0.000000E+00 |
| 1734 | -175.182 | 11.2500 | 0.000000E+00 |
| 1735 | -176.182 | 9.12500 | 0.000000E+00 |
| 1736 | -170.327 | 11.2500 | 0.000000E+00 |
| 1737 | -171.327 | 9.12500 | 0.000000E+00 |
| 1738 | -165.472 | 11.2500 | 0.000000E+00 |
| 1739 | -166.472 | 9.12500 | 0.000000E+00 |
| 1740 | -160.617 | 11.2500 | 0.000000E+00 |
| 1741 | -161.617 | 9.12500 | 0.000000E+00 |
| 1742 | -155.762 | 11.2500 | 0.000000E+00 |
| 1743 | -156.762 | 9.12500 | 0.000000E+00 |
| 1744 | -150.907 | 11.2500 | 0.000000E+00 |
| 1745 | -151.907 | 9.12500 | 0.000000E+00 |
| 1746 | -146.052 | 11.2500 | 0.000000E+00 |
| 1747 | -147.052 | 9.12500 | 0.000000E+00 |
| 1748 | -141.197 | 11.2500 | 0.000000E+00 |
| 1749 | -142.197 | 9.12500 | 0.000000E+00 |
| 1750 | -136.342 | 11.2500 | 0.000000E+00 |
| 1751 | -137.342 | 9.12500 | 0.000000E+00 |
| 1752 | -126.634 | 11.2500 | 0.000000E+00 |
| 1753 | -127.634 | 9.12500 | 0.000000E+00 |
| 1754 | -121.781 | 11.2500 | 0.000000E+00 |
| 1755 | -122.781 | 9.12500 | 0.000000E+00 |
| 1756 | -116.928 | 11.2500 | 0.000000E+00 |
| 1757 | -117.928 | 9.12500 | 0.000000E+00 |
| 1758 | -112.075 | 11.2500 | 0.000000E+00 |
| 1759 | -113.075 | 9.12500 | 0.000000E+00 |
| 1760 | -107.222 | 11.2500 | 0.000000E+00 |
| 1761 | -108.222 | 9.12500 | 0.000000E+00 |
| 1762 | -102.369 | 11.2500 | 0.000000E+00 |
| 1763 | -103.369 | 9.12500 | 0.000000E+00 |
| 1764 | -97.5160 | 11.2500 | 0.000000E+00 |
| 1765 | -98.5160 | 9.12500 | 0.000000E+00 |
| 1766 | -92.6630 | 11.2500 | 0.000000E+00 |
| 1767 | -93.6630 | 9.12500 | 0.000000E+00 |
| 1768 | -87.8100 | 11.2500 | 0.000000E+00 |
| 1769 | -88.8100 | 9.12500 | 0.000000E+00 |
| 1770 | -78.1060 | 11.2500 | 0.000000E+00 |
| 1771 | -79.1060 | 9.12500 | 0.000000E+00 |
| 1772 | -73.2550 | 11.2500 | 0.000000E+00 |
| 1773 | -74.2550 | 9.12500 | 0.000000E+00 |
| 1774 | -68.4040 | 11.2500 | 0.000000E+00 |
| 1775 | -69.4040 | 9.12500 | 0.000000E+00 |
| 1776 | -63.5530 | 11.2500 | 0.000000E+00 |
| 1777 | -64.5530 | 9.12500 | 0.000000E+00 |
| 1778 | -58.7020 | 11.2500 | 0.000000E+00 |
| 1779 | -59.7020 | 9.12500 | 0.000000E+00 |
| 1780 | -53.8510 | 11.2500 | 0.000000E+00 |
| 1781 | -54.8510 | 9.12500 | 0.000000E+00 |
| 1782 | -49.0000 | 11.2500 | 0.000000E+00 |
| 1783 | -50.0000 | 9.12500 | 0.000000E+00 |
| 1784 | -44.1490 | 11.2500 | 0.000000E+00 |
| 1785 | -45.1490 | 9.12500 | 0.000000E+00 |
| 1786 | -39.2980 | 11.2500 | 0.000000E+00 |
| 1787 | -40.2980 | 9.12500 | 0.000000E+00 |
| 1788 | 38.3980 | 11.2500 | 0.000000E+00 |
| 1789 | 37.3980 | 9.12500 | 0.000000E+00 |
| 1790 | 43.2490 | 11.2500 | 0.000000E+00 |
| 1791 | 42.2490 | 9.12500 | 0.000000E+00 |
| 1792 | 48.1000 | 11.2500 | 0.000000E+00 |
| 1793 | 47.1000 | 9.12500 | 0.000000E+00 |
| 1794 | 52.9510 | 11.2500 | 0.000000E+00 |
| 1795 | 51.9510 | 9.12500 | 0.000000E+00 |
| 1796 | 57.8020 | 11.2500 | 0.000000E+00 |
| 1797 | 56.8020 | 9.12500 | 0.000000E+00 |
| 1798 | 62.6530 | 11.2500 | 0.000000E+00 |
| 1799 | 61.6530 | 9.12500 | 0.000000E+00 |
| 1800 | 67.5040 | 11.2500 | 0.000000E+00 |
| 1801 | 66.5040 | 9.12500 | 0.000000E+00 |
| 1802 | 72.3550 | 11.2500 | 0.000000E+00 |
| 1803 | 71.3550 | 9.12500 | 0.000000E+00 |
| 1804 | 77.2060 | 11.2500 | 0.000000E+00 |
| 1805 | 76.2060 | 9.12500 | 0.000000E+00 |
| 1806 | 86.9100 | 11.2500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 1807 | 85.9100 | 9.12500 | 0.000000E+00 |
| 1808 | 91.7630 | 11.2500 | 0.000000E+00 |
| 1809 | 90.7630 | 9.12500 | 0.000000E+00 |
| 1810 | 96.6160 | 11.2500 | 0.000000E+00 |
| 1811 | 95.6160 | 9.12500 | 0.000000E+00 |
| 1812 | 101.469 | 11.2500 | 0.000000E+00 |
| 1813 | 100.469 | 9.12500 | 0.000000E+00 |
| 1814 | 106.322 | 11.2500 | 0.000000E+00 |
| 1815 | 105.322 | 9.12500 | 0.000000E+00 |
| 1816 | 111.175 | 11.2500 | 0.000000E+00 |
| 1817 | 110.175 | 9.12500 | 0.000000E+00 |
| 1818 | 116.028 | 11.2500 | 0.000000E+00 |
| 1819 | 115.028 | 9.12500 | 0.000000E+00 |
| 1820 | 120.881 | 11.2500 | 0.000000E+00 |
| 1821 | 119.881 | 9.12500 | 0.000000E+00 |
| 1822 | 125.734 | 11.2500 | 0.000000E+00 |
| 1823 | 124.734 | 9.12500 | 0.000000E+00 |
| 1824 | 135.442 | 11.2500 | 0.000000E+00 |
| 1825 | 134.442 | 9.12500 | 0.000000E+00 |
| 1826 | 140.297 | 11.2500 | 0.000000E+00 |
| 1827 | 139.297 | 9.12500 | 0.000000E+00 |
| 1828 | 145.152 | 11.2500 | 0.000000E+00 |
| 1829 | 144.152 | 9.12500 | 0.000000E+00 |
| 1830 | 150.007 | 11.2500 | 0.000000E+00 |
| 1831 | 149.007 | 9.12500 | 0.000000E+00 |
| 1832 | 154.862 | 11.2500 | 0.000000E+00 |
| 1833 | 153.862 | 9.12500 | 0.000000E+00 |
| 1834 | 159.717 | 11.2500 | 0.000000E+00 |
| 1835 | 158.717 | 9.12500 | 0.000000E+00 |
| 1836 | 164.572 | 11.2500 | 0.000000E+00 |
| 1837 | 163.572 | 9.12500 | 0.000000E+00 |
| 1838 | 169.427 | 11.2500 | 0.000000E+00 |
| 1839 | 168.427 | 9.12500 | 0.000000E+00 |
| 1840 | 174.282 | 11.2500 | 0.000000E+00 |
| 1841 | 173.282 | 9.12500 | 0.000000E+00 |
| 1842 | 183.994 | 11.2500 | 0.000000E+00 |
| 1843 | 182.994 | 9.12500 | 0.000000E+00 |
| 1844 | 188.851 | 11.2500 | 0.000000E+00 |
| 1845 | 187.851 | 9.12500 | 0.000000E+00 |
| 1846 | 193.708 | 11.2500 | 0.000000E+00 |
| 1847 | 192.708 | 9.12500 | 0.000000E+00 |
| 1848 | 198.565 | 11.2500 | 0.000000E+00 |
| 1849 | 197.565 | 9.12500 | 0.000000E+00 |
| 1850 | 203.422 | 11.2500 | 0.000000E+00 |
| 1851 | 202.422 | 9.12500 | 0.000000E+00 |
| 1852 | 208.279 | 11.2500 | 0.000000E+00 |
| 1853 | 207.279 | 9.12500 | 0.000000E+00 |
| 1854 | 213.136 | 11.2500 | 0.000000E+00 |
| 1855 | 212.136 | 9.12500 | 0.000000E+00 |
| 1856 | 217.993 | 11.2500 | 0.000000E+00 |
| 1857 | 216.993 | 9.12500 | 0.000000E+00 |
| 1858 | 222.850 | 11.2500 | 0.000000E+00 |
| 1859 | 221.850 | 9.12500 | 0.000000E+00 |
| 1860 | 232.565 | 11.2500 | 0.000000E+00 |
| 1861 | 231.565 | 9.12500 | 0.000000E+00 |
| 1862 | 237.423 | 11.2500 | 0.000000E+00 |
| 1863 | 236.423 | 9.12500 | 0.000000E+00 |
| 1864 | 242.281 | 11.2500 | 0.000000E+00 |
| 1865 | 241.281 | 9.12500 | 0.000000E+00 |
| 1866 | 247.139 | 11.2500 | 0.000000E+00 |
| 1867 | 246.139 | 9.12500 | 0.000000E+00 |
| 1868 | 251.997 | 11.2500 | 0.000000E+00 |
| 1869 | 250.997 | 9.12500 | 0.000000E+00 |
| 1870 | 256.855 | 11.2500 | 0.000000E+00 |
| 1871 | 255.855 | 9.12500 | 0.000000E+00 |
| 1872 | 261.713 | 11.2500 | 0.000000E+00 |
| 1873 | 260.713 | 9.12500 | 0.000000E+00 |
| 1874 | 266.571 | 11.2500 | 0.000000E+00 |
| 1875 | 265.571 | 9.12500 | 0.000000E+00 |
| 1876 | 271.429 | 11.2500 | 0.000000E+00 |
| 1877 | 270.429 | 9.12500 | 0.000000E+00 |
| 1878 | 281.146 | 11.2500 | 0.000000E+00 |
| 1879 | 280.146 | 9.12500 | 0.000000E+00 |
| 1880 | 286.005 | 11.2500 | 0.000000E+00 |
| 1881 | 285.005 | 9.12500 | 0.000000E+00 |
| 1882 | 290.864 | 11.2500 | 0.000000E+00 |
| 1883 | 289.864 | 9.12500 | 0.000000E+00 |
| 1884 | 295.723 | 11.2500 | 0.000000E+00 |
| 1885 | 294.723 | 9.12500 | 0.000000E+00 |
| 1886 | 300.582 | 11.2500 | 0.000000E+00 |
| 1887 | 299.582 | 9.12500 | 0.000000E+00 |
| 1888 | 305.441 | 11.2500 | 0.000000E+00 |
| 1889 | 304.441 | 9.12500 | 0.000000E+00 |
| 1890 | 310.300 | 11.2500 | 0.000000E+00 |
| 1891 | 309.300 | 9.12500 | 0.000000E+00 |
| 1892 | 315.159 | 11.2500 | 0.000000E+00 |
| 1893 | 314.159 | 9.12500 | 0.000000E+00 |
| 1894 | 320.018 | 11.2500 | 0.000000E+00 |
| 1895 | 319.018 | 9.12500 | 0.000000E+00 |
| 1896 | 329.747 | 11.2500 | 0.000000E+00 |
| 1897 | 328.747 | 9.12500 | 0.000000E+00 |
| 1898 | 334.617 | 11.2500 | 0.000000E+00 |
| 1899 | 333.617 | 9.12500 | 0.000000E+00 |
| 1900 | 339.487 | 11.2500 | 0.000000E+00 |
| 1901 | 338.487 | 9.12500 | 0.000000E+00 |
| 1902 | 344.357 | 11.2500 | 0.000000E+00 |
| 1903 | 343.357 | 9.12500 | 0.000000E+00 |
| 1904 | 349.227 | 11.2500 | 0.000000E+00 |
| 1905 | 348.227 | 9.12500 | 0.000000E+00 |
| 1906 | 354.098 | 11.2500 | 0.000000E+00 |
| 1907 | 353.098 | 9.12500 | 0.000000E+00 |
| 1908 | 358.968 | 11.2500 | 0.000000E+00 |
| 1909 | 357.968 | 9.12500 | 0.000000E+00 |
| 1910 | 363.838 | 11.2500 | 0.000000E+00 |
| 1911 | 362.838 | 9.12500 | 0.000000E+00 |

| | | | |
|------|-----------|-----------|--------------|
| 1912 | 368.708 | 11.2500 | 0.000000E+00 |
| 1913 | 367.708 | 9.12500 | 0.000000E+00 |
| 1914 | -325.777 | 11.2500 | 0.000000E+00 |
| 1915 | -326.777 | 9.12500 | 0.000000E+00 |
| 1916 | -277.187 | 11.2500 | 0.000000E+00 |
| 1917 | -278.187 | 9.12500 | 0.000000E+00 |
| 1918 | -228.607 | 11.2500 | 0.000000E+00 |
| 1919 | -229.607 | 9.12500 | 0.000000E+00 |
| 1920 | -180.037 | 11.2500 | 0.000000E+00 |
| 1921 | -181.037 | 9.12500 | 0.000000E+00 |
| 1922 | -131.487 | 11.2500 | 0.000000E+00 |
| 1923 | -132.487 | 9.12500 | 0.000000E+00 |
| 1924 | -82.9570 | 11.2500 | 0.000000E+00 |
| 1925 | -83.9570 | 9.12500 | 0.000000E+00 |
| 1926 | -34.4470 | 11.2500 | 0.000000E+00 |
| 1927 | -35.4470 | 9.12500 | 0.000000E+00 |
| 1928 | -1.40000 | 11.2500 | 0.000000E+00 |
| 1929 | -2.40000 | 9.12500 | 0.000000E+00 |
| 1930 | 0.500000 | 11.2500 | 0.000000E+00 |
| 1931 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1932 | 33.5470 | 11.2500 | 0.000000E+00 |
| 1933 | 32.5470 | 9.12500 | 0.000000E+00 |
| 1934 | 82.0570 | 11.2500 | 0.000000E+00 |
| 1935 | 81.0570 | 9.12500 | 0.000000E+00 |
| 1936 | 130.587 | 11.2500 | 0.000000E+00 |
| 1937 | 129.587 | 9.12500 | 0.000000E+00 |
| 1938 | 179.137 | 11.2500 | 0.000000E+00 |
| 1939 | 178.137 | 9.12500 | 0.000000E+00 |
| 1940 | 227.707 | 11.2500 | 0.000000E+00 |
| 1941 | 226.707 | 9.12500 | 0.000000E+00 |
| 1942 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1943 | -0.500000 | 11.2500 | 0.000000E+00 |
| 1944 | -1.50000 | 9.12500 | 0.000000E+00 |
| 1945 | -0.400000 | 9.12500 | 0.000000E+00 |
| 1946 | -0.400000 | 11.2500 | 0.000000E+00 |
| 1947 | -1.40000 | 9.12500 | 0.000000E+00 |
| 1948 | -360.409 | 9.12500 | 0.000000E+00 |
| 1949 | -360.409 | 11.2500 | 0.000000E+00 |
| 1950 | -361.409 | 9.12500 | 0.000000E+00 |
| 1951 | 408.210 | 9.12500 | 0.000000E+00 |
| 1952 | 408.210 | 12.4200 | 0.000000E+00 |
| 1953 | 407.112 | 9.12500 | 0.000000E+00 |
| 1954 | 373.578 | 11.3942 | 0.000000E+00 |
| 1955 | 372.578 | 9.12500 | 0.000000E+00 |
| 1956 | 378.440 | 11.5382 | 0.000000E+00 |
| 1957 | 377.440 | 9.12500 | 0.000000E+00 |
| 1958 | 383.301 | 11.6822 | 0.000000E+00 |
| 1959 | 382.301 | 9.12500 | 0.000000E+00 |
| 1960 | 409.943 | 9.12500 | 0.000000E+00 |
| 1961 | 388.163 | 11.8262 | 0.000000E+00 |
| 1962 | 387.163 | 9.12500 | 0.000000E+00 |
| 1963 | 393.025 | 11.9702 | 0.000000E+00 |
| 1964 | 392.025 | 9.12500 | 0.000000E+00 |
| 1965 | 397.887 | 12.1142 | 0.000000E+00 |
| 1966 | 396.887 | 9.12500 | 0.000000E+00 |
| 1967 | 402.748 | 12.2582 | 0.000000E+00 |
| 1968 | 401.704 | 9.12500 | 0.000000E+00 |
| 1969 | 407.610 | 12.4022 | 0.000000E+00 |
| 1970 | 406.518 | 9.12500 | 0.000000E+00 |
| 1971 | 373.578 | -0.144246 | 0.000000E+00 |
| 1972 | 374.578 | 2.12500 | 0.000000E+00 |
| 1973 | 378.440 | -0.288243 | 0.000000E+00 |
| 1974 | 379.440 | 2.12500 | 0.000000E+00 |
| 1975 | 383.301 | -0.432241 | 0.000000E+00 |
| 1976 | 384.301 | 2.12500 | 0.000000E+00 |
| 1977 | 388.163 | -0.576239 | 0.000000E+00 |
| 1978 | 389.163 | 2.12500 | 0.000000E+00 |
| 1979 | 393.025 | -0.720236 | 0.000000E+00 |
| 1980 | 394.025 | 2.12500 | 0.000000E+00 |
| 1981 | 397.887 | -0.864234 | 0.000000E+00 |
| 1982 | 398.887 | 2.12500 | 0.000000E+00 |
| 1983 | 402.748 | -1.00823 | 0.000000E+00 |
| 1984 | 403.793 | 2.12500 | 0.000000E+00 |
| 1985 | 407.610 | -1.15223 | 0.000000E+00 |
| 1986 | 408.702 | 2.12500 | 0.000000E+00 |
| 1987 | 399.602 | 2.12500 | 0.000000E+00 |
| 1988 | 399.602 | 3.17376 | 0.000000E+00 |
| 1989 | 402.748 | 3.74557 | 0.000000E+00 |
| 1990 | 389.593 | 2.12500 | 0.000000E+00 |
| 1991 | 389.593 | 3.26895 | 0.000000E+00 |
| 1992 | 397.887 | 3.12500 | 0.000000E+00 |
| 1993 | 393.025 | 3.74557 | 0.000000E+00 |
| 1994 | 379.584 | 2.12500 | 0.000000E+00 |
| 1995 | 379.584 | 3.36414 | 0.000000E+00 |
| 1996 | 388.163 | 3.12500 | 0.000000E+00 |
| 1997 | 383.301 | 3.74557 | 0.000000E+00 |
| 1998 | 373.578 | 3.74557 | 0.000000E+00 |
| 1999 | 378.440 | 3.12500 | 0.000000E+00 |
| 2000 | 367.574 | 2.12500 | 0.000000E+00 |
| 2001 | 367.574 | 3.12500 | 0.000000E+00 |
| 2002 | 368.708 | 3.74837 | 0.000000E+00 |
| 2003 | 355.186 | 2.12500 | 0.000000E+00 |
| 2004 | 355.186 | 3.38557 | 0.000000E+00 |
| 2005 | 363.838 | 3.37040 | 0.000000E+00 |
| 2006 | 358.968 | 3.74837 | 0.000000E+00 |
| 2007 | 343.163 | 2.12500 | 0.000000E+00 |
| 2008 | 343.163 | 3.12500 | 0.000000E+00 |
| 2009 | 354.098 | 3.12500 | 0.000000E+00 |
| 2010 | 349.227 | 3.74837 | 0.000000E+00 |
| 2011 | 344.357 | 3.74837 | 0.000000E+00 |
| 2012 | 330.890 | 2.12500 | 0.000000E+00 |
| 2013 | 330.890 | 3.36740 | 0.000000E+00 |
| 2014 | 339.487 | 3.35023 | 0.000000E+00 |
| 2015 | 334.617 | 3.74837 | 0.000000E+00 |
| 2016 | 324.877 | 3.74837 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 2017 | 329.747 | 3.12500 | 0.000000E+00 |
| 2018 | 318.866 | 2.12500 | 0.000000E+00 |
| 2019 | 318.866 | 3.12500 | 0.000000E+00 |
| 2020 | 320.018 | 3.74467 | 0.000000E+00 |
| 2021 | 306.593 | 2.12500 | 0.000000E+00 |
| 2022 | 306.593 | 3.36067 | 0.000000E+00 |
| 2023 | 315.159 | 3.36067 | 0.000000E+00 |
| 2024 | 310.300 | 3.74467 | 0.000000E+00 |
| 2025 | 294.571 | 2.12500 | 0.000000E+00 |
| 2026 | 294.571 | 3.12500 | 0.000000E+00 |
| 2027 | 305.441 | 3.12500 | 0.000000E+00 |
| 2028 | 300.582 | 3.74467 | 0.000000E+00 |
| 2029 | 295.723 | 3.74467 | 0.000000E+00 |
| 2030 | 282.298 | 2.12500 | 0.000000E+00 |
| 2031 | 282.298 | 3.36067 | 0.000000E+00 |
| 2032 | 290.864 | 3.36067 | 0.000000E+00 |
| 2033 | 286.005 | 3.74467 | 0.000000E+00 |
| 2034 | 276.287 | 3.74467 | 0.000000E+00 |
| 2035 | 281.146 | 3.12500 | 0.000000E+00 |
| 2036 | 270.278 | 2.12500 | 0.000000E+00 |
| 2037 | 270.278 | 3.12500 | 0.000000E+00 |
| 2038 | 271.429 | 3.74433 | 0.000000E+00 |
| 2039 | 258.007 | 2.12500 | 0.000000E+00 |
| 2040 | 258.007 | 3.36033 | 0.000000E+00 |
| 2041 | 266.571 | 3.36067 | 0.000000E+00 |
| 2042 | 261.713 | 3.74433 | 0.000000E+00 |
| 2043 | 245.987 | 2.12500 | 0.000000E+00 |
| 2044 | 245.987 | 3.12500 | 0.000000E+00 |
| 2045 | 256.855 | 3.12500 | 0.000000E+00 |
| 2046 | 251.997 | 3.74433 | 0.000000E+00 |
| 2047 | 247.139 | 3.74433 | 0.000000E+00 |
| 2048 | 233.716 | 2.12500 | 0.000000E+00 |
| 2049 | 233.716 | 3.36067 | 0.000000E+00 |
| 2050 | 242.281 | 3.36033 | 0.000000E+00 |
| 2051 | 237.423 | 3.74433 | 0.000000E+00 |
| 2052 | 227.707 | 3.74433 | 0.000000E+00 |
| 2053 | 232.565 | 3.12500 | 0.000000E+00 |
| 2054 | 221.697 | 2.12500 | 0.000000E+00 |
| 2055 | 221.697 | 3.12500 | 0.000000E+00 |
| 2056 | 222.850 | 3.74400 | 0.000000E+00 |
| 2057 | 209.430 | 2.12500 | 0.000000E+00 |
| 2058 | 209.430 | 3.36033 | 0.000000E+00 |
| 2059 | 217.993 | 3.35967 | 0.000000E+00 |
| 2060 | 213.136 | 3.74400 | 0.000000E+00 |
| 2061 | 197.414 | 2.12500 | 0.000000E+00 |
| 2062 | 197.414 | 3.12500 | 0.000000E+00 |
| 2063 | 208.279 | 3.12500 | 0.000000E+00 |
| 2064 | 203.422 | 3.74400 | 0.000000E+00 |
| 2065 | 198.565 | 3.74400 | 0.000000E+00 |
| 2066 | 185.147 | 2.12500 | 0.000000E+00 |
| 2067 | 185.147 | 3.35967 | 0.000000E+00 |
| 2068 | 193.708 | 3.36033 | 0.000000E+00 |
| 2069 | 188.851 | 3.74400 | 0.000000E+00 |
| 2070 | 179.137 | 3.74400 | 0.000000E+00 |
| 2071 | 183.994 | 3.12500 | 0.000000E+00 |
| 2072 | 173.130 | 2.12500 | 0.000000E+00 |
| 2073 | 173.130 | 3.12500 | 0.000000E+00 |
| 2074 | 174.282 | 3.74333 | 0.000000E+00 |
| 2075 | 160.868 | 2.12500 | 0.000000E+00 |
| 2076 | 160.868 | 3.35967 | 0.000000E+00 |
| 2077 | 169.427 | 3.35933 | 0.000000E+00 |
| 2078 | 164.572 | 3.74333 | 0.000000E+00 |
| 2079 | 148.856 | 2.12500 | 0.000000E+00 |
| 2080 | 148.856 | 3.12500 | 0.000000E+00 |
| 2081 | 159.717 | 3.12500 | 0.000000E+00 |
| 2082 | 154.862 | 3.74333 | 0.000000E+00 |
| 2083 | 150.007 | 3.74333 | 0.000000E+00 |
| 2084 | 136.594 | 2.12500 | 0.000000E+00 |
| 2085 | 136.594 | 3.35933 | 0.000000E+00 |
| 2086 | 145.152 | 3.35967 | 0.000000E+00 |
| 2087 | 140.297 | 3.74333 | 0.000000E+00 |
| 2088 | 130.587 | 3.74333 | 0.000000E+00 |
| 2089 | 135.442 | 3.12500 | 0.000000E+00 |
| 2090 | 124.582 | 2.12500 | 0.000000E+00 |
| 2091 | 124.582 | 3.12500 | 0.000000E+00 |
| 2092 | 125.734 | 3.74267 | 0.000000E+00 |
| 2093 | 112.325 | 2.12500 | 0.000000E+00 |
| 2094 | 112.325 | 3.35933 | 0.000000E+00 |
| 2095 | 120.881 | 3.35867 | 0.000000E+00 |
| 2096 | 116.028 | 3.74267 | 0.000000E+00 |
| 2097 | 100.318 | 2.12500 | 0.000000E+00 |
| 2098 | 100.318 | 3.12500 | 0.000000E+00 |
| 2099 | 111.175 | 3.12500 | 0.000000E+00 |
| 2100 | 106.322 | 3.74267 | 0.000000E+00 |
| 2101 | 101.469 | 3.74267 | 0.000000E+00 |
| 2102 | 88.0610 | 2.12500 | 0.000000E+00 |
| 2103 | 88.0610 | 3.35900 | 0.000000E+00 |
| 2104 | 96.6160 | 3.35900 | 0.000000E+00 |
| 2105 | 91.7630 | 3.74267 | 0.000000E+00 |
| 2106 | 82.0570 | 3.74267 | 0.000000E+00 |
| 2107 | 86.9100 | 3.12500 | 0.000000E+00 |
| 2108 | 76.0550 | 2.12500 | 0.000000E+00 |
| 2109 | 76.0550 | 3.12500 | 0.000000E+00 |
| 2110 | 77.2060 | 3.74200 | 0.000000E+00 |
| 2111 | 63.8030 | 2.12500 | 0.000000E+00 |
| 2112 | 63.8030 | 3.35867 | 0.000000E+00 |
| 2113 | 72.3550 | 3.35833 | 0.000000E+00 |
| 2114 | 67.5040 | 3.74200 | 0.000000E+00 |
| 2115 | 51.8010 | 2.12500 | 0.000000E+00 |
| 2116 | 51.8010 | 3.12500 | 0.000000E+00 |
| 2117 | 62.6530 | 3.12500 | 0.000000E+00 |
| 2118 | 57.8020 | 3.74200 | 0.000000E+00 |
| 2119 | 52.9510 | 3.74200 | 0.000000E+00 |
| 2120 | 39.5490 | 2.12500 | 0.000000E+00 |
| 2121 | 39.5490 | 3.35833 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2122 | 48.1000 | 3.35867 | 0.000000E+00 |
| 2123 | 43.2490 | 3.74200 | 0.000000E+00 |
| 2124 | 33.5470 | 3.74200 | 0.000000E+00 |
| 2125 | 38.3980 | 3.12500 | 0.000000E+00 |
| 2126 | 27.5470 | 2.12500 | 0.000000E+00 |
| 2127 | 27.5470 | 3.12500 | 0.000000E+00 |
| 2128 | 28.8260 | 3.69867 | 0.000000E+00 |
| 2129 | 17.5480 | 2.12500 | 0.000000E+00 |
| 2130 | 17.5480 | 3.12500 | 0.000000E+00 |
| 2131 | 24.1050 | 3.27233 | 0.000000E+00 |
| 2132 | 19.3840 | 3.69867 | 0.000000E+00 |
| 2133 | 7.54900 | 2.12500 | 0.000000E+00 |
| 2134 | 7.54900 | 3.12500 | 0.000000E+00 |
| 2135 | 14.6630 | 3.12500 | 0.000000E+00 |
| 2136 | 9.94200 | 3.69867 | 0.000000E+00 |
| 2137 | 0.500000 | 3.69867 | 0.000000E+00 |
| 2138 | 5.22100 | 3.12500 | 0.000000E+00 |
| 2139 | -8.44900 | 2.12500 | 0.000000E+00 |
| 2140 | -8.44900 | 3.12500 | 0.000000E+00 |
| 2141 | -6.12100 | 3.69867 | 0.000000E+00 |
| 2142 | -18.4480 | 2.12500 | 0.000000E+00 |
| 2143 | -18.4480 | 3.12500 | 0.000000E+00 |
| 2144 | -10.8420 | 3.12500 | 0.000000E+00 |
| 2145 | -15.5630 | 3.69867 | 0.000000E+00 |
| 2146 | -28.4470 | 2.12500 | 0.000000E+00 |
| 2147 | -28.4470 | 3.27233 | 0.000000E+00 |
| 2148 | -20.2840 | 3.12500 | 0.000000E+00 |
| 2149 | -25.0050 | 3.69867 | 0.000000E+00 |
| 2150 | -34.4470 | 3.69867 | 0.000000E+00 |
| 2151 | -29.7260 | 3.12500 | 0.000000E+00 |
| 2152 | -40.4490 | 2.12500 | 0.000000E+00 |
| 2153 | -40.4490 | 3.12500 | 0.000000E+00 |
| 2154 | -39.2980 | 3.74200 | 0.000000E+00 |
| 2155 | -52.7010 | 2.12500 | 0.000000E+00 |
| 2156 | -52.7010 | 3.35867 | 0.000000E+00 |
| 2157 | -44.1490 | 3.35833 | 0.000000E+00 |
| 2158 | -49.0000 | 3.74200 | 0.000000E+00 |
| 2159 | -64.7030 | 2.12500 | 0.000000E+00 |
| 2160 | -64.7030 | 3.12500 | 0.000000E+00 |
| 2161 | -53.8510 | 3.12500 | 0.000000E+00 |
| 2162 | -58.7020 | 3.74200 | 0.000000E+00 |
| 2163 | -63.5530 | 3.74200 | 0.000000E+00 |
| 2164 | -76.9550 | 2.12500 | 0.000000E+00 |
| 2165 | -76.9550 | 3.35833 | 0.000000E+00 |
| 2166 | -68.4040 | 3.35867 | 0.000000E+00 |
| 2167 | -73.2550 | 3.74200 | 0.000000E+00 |
| 2168 | -82.9570 | 3.74200 | 0.000000E+00 |
| 2169 | -78.1060 | 3.12500 | 0.000000E+00 |
| 2170 | -88.9610 | 2.12500 | 0.000000E+00 |
| 2171 | -88.9610 | 3.12500 | 0.000000E+00 |
| 2172 | -87.8100 | 3.74267 | 0.000000E+00 |
| 2173 | -101.218 | 2.12500 | 0.000000E+00 |
| 2174 | -101.218 | 3.35900 | 0.000000E+00 |
| 2175 | -92.6630 | 3.35900 | 0.000000E+00 |
| 2176 | -97.5160 | 3.74267 | 0.000000E+00 |
| 2177 | -113.225 | 2.12500 | 0.000000E+00 |
| 2178 | -113.225 | 3.12500 | 0.000000E+00 |
| 2179 | -102.369 | 3.12500 | 0.000000E+00 |
| 2180 | -107.222 | 3.74267 | 0.000000E+00 |
| 2181 | -112.075 | 3.74267 | 0.000000E+00 |
| 2182 | -125.482 | 2.12500 | 0.000000E+00 |
| 2183 | -125.482 | 3.35867 | 0.000000E+00 |
| 2184 | -116.928 | 3.35933 | 0.000000E+00 |
| 2185 | -121.781 | 3.74267 | 0.000000E+00 |
| 2186 | -131.487 | 3.74267 | 0.000000E+00 |
| 2187 | -126.634 | 3.12500 | 0.000000E+00 |
| 2188 | -137.494 | 2.12500 | 0.000000E+00 |
| 2189 | -137.494 | 3.12500 | 0.000000E+00 |
| 2190 | -136.342 | 3.74333 | 0.000000E+00 |
| 2191 | -149.756 | 2.12500 | 0.000000E+00 |
| 2192 | -149.756 | 3.35967 | 0.000000E+00 |
| 2193 | -141.197 | 3.35933 | 0.000000E+00 |
| 2194 | -146.052 | 3.74333 | 0.000000E+00 |
| 2195 | -161.768 | 2.12500 | 0.000000E+00 |
| 2196 | -161.768 | 3.12500 | 0.000000E+00 |
| 2197 | -150.907 | 3.12500 | 0.000000E+00 |
| 2198 | -155.762 | 3.74333 | 0.000000E+00 |
| 2199 | -160.617 | 3.74333 | 0.000000E+00 |
| 2200 | -174.030 | 2.12500 | 0.000000E+00 |
| 2201 | -174.030 | 3.35933 | 0.000000E+00 |
| 2202 | -165.472 | 3.35967 | 0.000000E+00 |
| 2203 | -170.327 | 3.74333 | 0.000000E+00 |
| 2204 | -180.037 | 3.74333 | 0.000000E+00 |
| 2205 | -175.182 | 3.12500 | 0.000000E+00 |
| 2206 | -186.047 | 2.12500 | 0.000000E+00 |
| 2207 | -186.047 | 3.12500 | 0.000000E+00 |
| 2208 | -184.894 | 3.74400 | 0.000000E+00 |
| 2209 | -198.314 | 2.12500 | 0.000000E+00 |
| 2210 | -198.314 | 3.36033 | 0.000000E+00 |
| 2211 | -189.751 | 3.35967 | 0.000000E+00 |
| 2212 | -194.608 | 3.74400 | 0.000000E+00 |
| 2213 | -210.330 | 2.12500 | 0.000000E+00 |
| 2214 | -210.330 | 3.12500 | 0.000000E+00 |
| 2215 | -199.465 | 3.12500 | 0.000000E+00 |
| 2216 | -204.322 | 3.74400 | 0.000000E+00 |
| 2217 | -209.179 | 3.74400 | 0.000000E+00 |
| 2218 | -222.597 | 2.12500 | 0.000000E+00 |
| 2219 | -222.597 | 3.35967 | 0.000000E+00 |
| 2220 | -214.036 | 3.36033 | 0.000000E+00 |
| 2221 | -218.893 | 3.74400 | 0.000000E+00 |
| 2222 | -228.607 | 3.74400 | 0.000000E+00 |
| 2223 | -223.750 | 3.12500 | 0.000000E+00 |
| 2224 | -234.616 | 2.12500 | 0.000000E+00 |
| 2225 | -234.616 | 3.12500 | 0.000000E+00 |
| 2226 | -233.465 | 3.74433 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2227 | -246.887 | 2.12500 | 0.000000E+00 |
| 2228 | -246.887 | 3.36033 | 0.000000E+00 |
| 2229 | -238.323 | 3.36067 | 0.000000E+00 |
| 2230 | -243.181 | 3.74433 | 0.000000E+00 |
| 2231 | -258.907 | 2.12500 | 0.000000E+00 |
| 2232 | -258.907 | 3.12500 | 0.000000E+00 |
| 2233 | -248.039 | 3.12500 | 0.000000E+00 |
| 2234 | -252.897 | 3.74433 | 0.000000E+00 |
| 2235 | -257.755 | 3.74433 | 0.000000E+00 |
| 2236 | -271.178 | 2.12500 | 0.000000E+00 |
| 2237 | -271.178 | 3.36067 | 0.000000E+00 |
| 2238 | -262.613 | 3.36033 | 0.000000E+00 |
| 2239 | -267.471 | 3.74433 | 0.000000E+00 |
| 2240 | -277.187 | 3.74433 | 0.000000E+00 |
| 2241 | -272.329 | 3.12500 | 0.000000E+00 |
| 2242 | -283.198 | 2.12500 | 0.000000E+00 |
| 2243 | -283.198 | 3.12500 | 0.000000E+00 |
| 2244 | -282.046 | 3.74467 | 0.000000E+00 |
| 2245 | -295.471 | 2.12500 | 0.000000E+00 |
| 2246 | -295.471 | 3.36067 | 0.000000E+00 |
| 2247 | -286.905 | 3.36067 | 0.000000E+00 |
| 2248 | -291.764 | 3.74467 | 0.000000E+00 |
| 2249 | -307.493 | 2.12500 | 0.000000E+00 |
| 2250 | -307.493 | 3.12500 | 0.000000E+00 |
| 2251 | -296.623 | 3.12500 | 0.000000E+00 |
| 2252 | -301.482 | 3.74467 | 0.000000E+00 |
| 2253 | -306.341 | 3.74467 | 0.000000E+00 |
| 2254 | -319.766 | 2.12500 | 0.000000E+00 |
| 2255 | -319.766 | 3.36067 | 0.000000E+00 |
| 2256 | -311.200 | 3.36067 | 0.000000E+00 |
| 2257 | -316.059 | 3.74467 | 0.000000E+00 |
| 2258 | -325.777 | 3.74467 | 0.000000E+00 |
| 2259 | -320.918 | 3.12500 | 0.000000E+00 |
| 2260 | -331.783 | 2.12500 | 0.000000E+00 |
| 2261 | -331.783 | 3.12500 | 0.000000E+00 |
| 2262 | -330.639 | 3.74557 | 0.000000E+00 |
| 2263 | -341.792 | 2.12500 | 0.000000E+00 |
| 2264 | -341.792 | 3.12500 | 0.000000E+00 |
| 2265 | -335.500 | 3.36414 | 0.000000E+00 |
| 2266 | -340.362 | 3.74557 | 0.000000E+00 |
| 2267 | -351.801 | 2.12500 | 0.000000E+00 |
| 2268 | -351.801 | 3.12500 | 0.000000E+00 |
| 2269 | -345.224 | 3.26895 | 0.000000E+00 |
| 2270 | -350.086 | 3.74557 | 0.000000E+00 |
| 2271 | -359.809 | 3.74557 | 0.000000E+00 |
| 2272 | -354.947 | 3.17376 | 0.000000E+00 |
| 2273 | -360.409 | 3.12500 | 0.000000E+00 |
| 2274 | -1.40000 | 3.12500 | 0.000000E+00 |
| 2275 | -0.400000 | 3.12500 | 0.000000E+00 |
| 2276 | 407.610 | 3.12500 | 0.000000E+00 |
| 2277 | 399.602 | 9.12500 | 0.000000E+00 |
| 2278 | 399.602 | 10.1738 | 0.000000E+00 |
| 2279 | 402.748 | 10.7456 | 0.000000E+00 |
| 2280 | 389.593 | 9.12500 | 0.000000E+00 |
| 2281 | 389.593 | 10.2690 | 0.000000E+00 |
| 2282 | 397.887 | 10.1250 | 0.000000E+00 |
| 2283 | 393.025 | 10.7456 | 0.000000E+00 |
| 2284 | 379.584 | 9.12500 | 0.000000E+00 |
| 2285 | 379.584 | 10.3641 | 0.000000E+00 |
| 2286 | 388.163 | 10.1250 | 0.000000E+00 |
| 2287 | 383.301 | 10.7456 | 0.000000E+00 |
| 2288 | 373.578 | 10.7456 | 0.000000E+00 |
| 2289 | 378.440 | 10.1250 | 0.000000E+00 |
| 2290 | 367.574 | 9.12500 | 0.000000E+00 |
| 2291 | 367.574 | 10.1250 | 0.000000E+00 |
| 2292 | 368.708 | 10.7484 | 0.000000E+00 |
| 2293 | 355.186 | 9.12500 | 0.000000E+00 |
| 2294 | 355.186 | 10.3856 | 0.000000E+00 |
| 2295 | 363.838 | 10.3704 | 0.000000E+00 |
| 2296 | 358.968 | 10.7484 | 0.000000E+00 |
| 2297 | 343.163 | 9.12500 | 0.000000E+00 |
| 2298 | 343.163 | 10.1250 | 0.000000E+00 |
| 2299 | 354.098 | 10.1250 | 0.000000E+00 |
| 2300 | 349.227 | 10.7484 | 0.000000E+00 |
| 2301 | 344.357 | 10.7484 | 0.000000E+00 |
| 2302 | 330.890 | 9.12500 | 0.000000E+00 |
| 2303 | 330.890 | 10.3674 | 0.000000E+00 |
| 2304 | 339.487 | 10.3502 | 0.000000E+00 |
| 2305 | 334.617 | 10.7484 | 0.000000E+00 |
| 2306 | 324.877 | 10.7484 | 0.000000E+00 |
| 2307 | 329.747 | 10.1250 | 0.000000E+00 |
| 2308 | 318.866 | 9.12500 | 0.000000E+00 |
| 2309 | 318.866 | 10.1250 | 0.000000E+00 |
| 2310 | 320.018 | 10.7447 | 0.000000E+00 |
| 2311 | 306.593 | 9.12500 | 0.000000E+00 |
| 2312 | 306.593 | 10.3607 | 0.000000E+00 |
| 2313 | 315.159 | 10.3607 | 0.000000E+00 |
| 2314 | 310.300 | 10.7447 | 0.000000E+00 |
| 2315 | 294.571 | 9.12500 | 0.000000E+00 |
| 2316 | 294.571 | 10.1250 | 0.000000E+00 |
| 2317 | 305.441 | 10.1250 | 0.000000E+00 |
| 2318 | 300.582 | 10.7447 | 0.000000E+00 |
| 2319 | 295.723 | 10.7447 | 0.000000E+00 |
| 2320 | 282.298 | 9.12500 | 0.000000E+00 |
| 2321 | 282.298 | 10.3607 | 0.000000E+00 |
| 2322 | 290.864 | 10.3607 | 0.000000E+00 |
| 2323 | 286.005 | 10.7447 | 0.000000E+00 |
| 2324 | 276.287 | 10.7447 | 0.000000E+00 |
| 2325 | 281.146 | 10.1250 | 0.000000E+00 |
| 2326 | 270.278 | 9.12500 | 0.000000E+00 |
| 2327 | 270.278 | 10.1250 | 0.000000E+00 |
| 2328 | 271.429 | 10.7443 | 0.000000E+00 |
| 2329 | 258.007 | 9.12500 | 0.000000E+00 |
| 2330 | 258.007 | 10.3603 | 0.000000E+00 |
| 2331 | 266.571 | 10.3607 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2332 | 261.713 | 10.7443 | 0.000000E+00 |
| 2333 | 245.987 | 9.12500 | 0.000000E+00 |
| 2334 | 245.987 | 10.1250 | 0.000000E+00 |
| 2335 | 256.855 | 10.1250 | 0.000000E+00 |
| 2336 | 251.997 | 10.7443 | 0.000000E+00 |
| 2337 | 247.139 | 10.7443 | 0.000000E+00 |
| 2338 | 233.716 | 9.12500 | 0.000000E+00 |
| 2339 | 233.716 | 10.3607 | 0.000000E+00 |
| 2340 | 242.281 | 10.3603 | 0.000000E+00 |
| 2341 | 237.423 | 10.7443 | 0.000000E+00 |
| 2342 | 227.707 | 10.7443 | 0.000000E+00 |
| 2343 | 232.565 | 10.1250 | 0.000000E+00 |
| 2344 | 221.697 | 9.12500 | 0.000000E+00 |
| 2345 | 221.697 | 10.1250 | 0.000000E+00 |
| 2346 | 222.850 | 10.7440 | 0.000000E+00 |
| 2347 | 209.430 | 9.12500 | 0.000000E+00 |
| 2348 | 209.430 | 10.3603 | 0.000000E+00 |
| 2349 | 217.993 | 10.3597 | 0.000000E+00 |
| 2350 | 213.136 | 10.7440 | 0.000000E+00 |
| 2351 | 197.414 | 9.12500 | 0.000000E+00 |
| 2352 | 197.414 | 10.1250 | 0.000000E+00 |
| 2353 | 208.279 | 10.1250 | 0.000000E+00 |
| 2354 | 203.422 | 10.7440 | 0.000000E+00 |
| 2355 | 198.565 | 10.7440 | 0.000000E+00 |
| 2356 | 185.147 | 9.12500 | 0.000000E+00 |
| 2357 | 185.147 | 10.3597 | 0.000000E+00 |
| 2358 | 193.708 | 10.3603 | 0.000000E+00 |
| 2359 | 188.851 | 10.7440 | 0.000000E+00 |
| 2360 | 179.137 | 10.7440 | 0.000000E+00 |
| 2361 | 183.994 | 10.1250 | 0.000000E+00 |
| 2362 | 173.130 | 9.12500 | 0.000000E+00 |
| 2363 | 173.130 | 10.1250 | 0.000000E+00 |
| 2364 | 174.282 | 10.7433 | 0.000000E+00 |
| 2365 | 160.868 | 9.12500 | 0.000000E+00 |
| 2366 | 160.868 | 10.3597 | 0.000000E+00 |
| 2367 | 169.427 | 10.3593 | 0.000000E+00 |
| 2368 | 164.572 | 10.7433 | 0.000000E+00 |
| 2369 | 148.856 | 9.12500 | 0.000000E+00 |
| 2370 | 148.856 | 10.1250 | 0.000000E+00 |
| 2371 | 159.717 | 10.1250 | 0.000000E+00 |
| 2372 | 154.862 | 10.7433 | 0.000000E+00 |
| 2373 | 150.007 | 10.7433 | 0.000000E+00 |
| 2374 | 136.594 | 9.12500 | 0.000000E+00 |
| 2375 | 136.594 | 10.3593 | 0.000000E+00 |
| 2376 | 145.152 | 10.3597 | 0.000000E+00 |
| 2377 | 140.297 | 10.7433 | 0.000000E+00 |
| 2378 | 130.587 | 10.7433 | 0.000000E+00 |
| 2379 | 135.442 | 10.1250 | 0.000000E+00 |
| 2380 | 124.582 | 9.12500 | 0.000000E+00 |
| 2381 | 124.582 | 10.1250 | 0.000000E+00 |
| 2382 | 125.734 | 10.7427 | 0.000000E+00 |
| 2383 | 112.325 | 9.12500 | 0.000000E+00 |
| 2384 | 112.325 | 10.3593 | 0.000000E+00 |
| 2385 | 120.881 | 10.3587 | 0.000000E+00 |
| 2386 | 116.028 | 10.7427 | 0.000000E+00 |
| 2387 | 100.318 | 9.12500 | 0.000000E+00 |
| 2388 | 100.318 | 10.1250 | 0.000000E+00 |
| 2389 | 111.175 | 10.1250 | 0.000000E+00 |
| 2390 | 106.322 | 10.7427 | 0.000000E+00 |
| 2391 | 101.469 | 10.7427 | 0.000000E+00 |
| 2392 | 88.0610 | 9.12500 | 0.000000E+00 |
| 2393 | 88.0610 | 10.3590 | 0.000000E+00 |
| 2394 | 96.6160 | 10.3590 | 0.000000E+00 |
| 2395 | 91.7630 | 10.7427 | 0.000000E+00 |
| 2396 | 82.0570 | 10.7427 | 0.000000E+00 |
| 2397 | 86.9100 | 10.1250 | 0.000000E+00 |
| 2398 | 76.0550 | 9.12500 | 0.000000E+00 |
| 2399 | 76.0550 | 10.1250 | 0.000000E+00 |
| 2400 | 77.2060 | 10.7420 | 0.000000E+00 |
| 2401 | 63.8030 | 9.12500 | 0.000000E+00 |
| 2402 | 63.8030 | 10.3587 | 0.000000E+00 |
| 2403 | 72.3550 | 10.3583 | 0.000000E+00 |
| 2404 | 67.5040 | 10.7420 | 0.000000E+00 |
| 2405 | 51.8010 | 9.12500 | 0.000000E+00 |
| 2406 | 51.8010 | 10.1250 | 0.000000E+00 |
| 2407 | 62.6530 | 10.1250 | 0.000000E+00 |
| 2408 | 57.8020 | 10.7420 | 0.000000E+00 |
| 2409 | 52.9510 | 10.7420 | 0.000000E+00 |
| 2410 | 39.5490 | 9.12500 | 0.000000E+00 |
| 2411 | 39.5490 | 10.3583 | 0.000000E+00 |
| 2412 | 48.1000 | 10.3587 | 0.000000E+00 |
| 2413 | 43.2490 | 10.7420 | 0.000000E+00 |
| 2414 | 33.5470 | 10.7420 | 0.000000E+00 |
| 2415 | 38.3980 | 10.1250 | 0.000000E+00 |
| 2416 | 27.5470 | 9.12500 | 0.000000E+00 |
| 2417 | 27.5470 | 10.1250 | 0.000000E+00 |
| 2418 | 28.8260 | 10.6987 | 0.000000E+00 |
| 2419 | 17.5480 | 9.12500 | 0.000000E+00 |
| 2420 | 17.5480 | 10.1250 | 0.000000E+00 |
| 2421 | 24.1050 | 10.2723 | 0.000000E+00 |
| 2422 | 19.3840 | 10.6987 | 0.000000E+00 |
| 2423 | 7.54900 | 9.12500 | 0.000000E+00 |
| 2424 | 7.54900 | 10.1250 | 0.000000E+00 |
| 2425 | 14.6630 | 10.1250 | 0.000000E+00 |
| 2426 | 9.94200 | 10.6987 | 0.000000E+00 |
| 2427 | 0.500000 | 10.6987 | 0.000000E+00 |
| 2428 | 5.22100 | 10.1250 | 0.000000E+00 |
| 2429 | -8.44900 | 9.12500 | 0.000000E+00 |
| 2430 | -8.44900 | 10.1250 | 0.000000E+00 |
| 2431 | -6.12100 | 10.6987 | 0.000000E+00 |
| 2432 | -18.4480 | 9.12500 | 0.000000E+00 |
| 2433 | -18.4480 | 10.1250 | 0.000000E+00 |
| 2434 | -10.8420 | 10.1250 | 0.000000E+00 |
| 2435 | -15.5630 | 10.6987 | 0.000000E+00 |
| 2436 | -28.4470 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2437 | -28.4470 | 10.2723 | 0.000000E+00 |
| 2438 | -20.2840 | 10.1250 | 0.000000E+00 |
| 2439 | -25.0050 | 10.6987 | 0.000000E+00 |
| 2440 | -34.4470 | 10.6987 | 0.000000E+00 |
| 2441 | -29.7260 | 10.1250 | 0.000000E+00 |
| 2442 | -40.4490 | 9.12500 | 0.000000E+00 |
| 2443 | -40.4490 | 10.1250 | 0.000000E+00 |
| 2444 | -39.2980 | 10.7420 | 0.000000E+00 |
| 2445 | -52.7010 | 9.12500 | 0.000000E+00 |
| 2446 | -52.7010 | 10.3587 | 0.000000E+00 |
| 2447 | -44.1490 | 10.3583 | 0.000000E+00 |
| 2448 | -49.0000 | 10.7420 | 0.000000E+00 |
| 2449 | -64.7030 | 9.12500 | 0.000000E+00 |
| 2450 | -64.7030 | 10.1250 | 0.000000E+00 |
| 2451 | -53.8510 | 10.1250 | 0.000000E+00 |
| 2452 | -58.7020 | 10.7420 | 0.000000E+00 |
| 2453 | -63.5530 | 10.7420 | 0.000000E+00 |
| 2454 | -76.9550 | 9.12500 | 0.000000E+00 |
| 2455 | -76.9550 | 10.3583 | 0.000000E+00 |
| 2456 | -68.4040 | 10.3587 | 0.000000E+00 |
| 2457 | -73.2550 | 10.7420 | 0.000000E+00 |
| 2458 | -82.9570 | 10.7420 | 0.000000E+00 |
| 2459 | -78.1060 | 10.1250 | 0.000000E+00 |
| 2460 | -88.9610 | 9.12500 | 0.000000E+00 |
| 2461 | -88.9610 | 10.1250 | 0.000000E+00 |
| 2462 | -87.8100 | 10.7427 | 0.000000E+00 |
| 2463 | -101.218 | 9.12500 | 0.000000E+00 |
| 2464 | -101.218 | 10.3590 | 0.000000E+00 |
| 2465 | -92.6630 | 10.3590 | 0.000000E+00 |
| 2466 | -97.5160 | 10.7427 | 0.000000E+00 |
| 2467 | -113.225 | 9.12500 | 0.000000E+00 |
| 2468 | -113.225 | 10.1250 | 0.000000E+00 |
| 2469 | -102.369 | 10.1250 | 0.000000E+00 |
| 2470 | -107.222 | 10.7427 | 0.000000E+00 |
| 2471 | -112.075 | 10.7427 | 0.000000E+00 |
| 2472 | -125.482 | 9.12500 | 0.000000E+00 |
| 2473 | -125.482 | 10.3587 | 0.000000E+00 |
| 2474 | -116.928 | 10.3593 | 0.000000E+00 |
| 2475 | -121.781 | 10.7427 | 0.000000E+00 |
| 2476 | -131.487 | 10.7427 | 0.000000E+00 |
| 2477 | -126.634 | 10.1250 | 0.000000E+00 |
| 2478 | -137.494 | 9.12500 | 0.000000E+00 |
| 2479 | -137.494 | 10.1250 | 0.000000E+00 |
| 2480 | -136.342 | 10.7433 | 0.000000E+00 |
| 2481 | -149.756 | 9.12500 | 0.000000E+00 |
| 2482 | -149.756 | 10.3597 | 0.000000E+00 |
| 2483 | -141.197 | 10.3593 | 0.000000E+00 |
| 2484 | -146.052 | 10.7433 | 0.000000E+00 |
| 2485 | -161.768 | 9.12500 | 0.000000E+00 |
| 2486 | -161.768 | 10.1250 | 0.000000E+00 |
| 2487 | -150.907 | 10.1250 | 0.000000E+00 |
| 2488 | -155.762 | 10.7433 | 0.000000E+00 |
| 2489 | -160.617 | 10.7433 | 0.000000E+00 |
| 2490 | -174.030 | 9.12500 | 0.000000E+00 |
| 2491 | -174.030 | 10.3593 | 0.000000E+00 |
| 2492 | -165.472 | 10.3597 | 0.000000E+00 |
| 2493 | -170.327 | 10.7433 | 0.000000E+00 |
| 2494 | -180.037 | 10.7433 | 0.000000E+00 |
| 2495 | -175.182 | 10.1250 | 0.000000E+00 |
| 2496 | -186.047 | 9.12500 | 0.000000E+00 |
| 2497 | -186.047 | 10.1250 | 0.000000E+00 |
| 2498 | -184.894 | 10.7440 | 0.000000E+00 |
| 2499 | -198.314 | 9.12500 | 0.000000E+00 |
| 2500 | -198.314 | 10.3603 | 0.000000E+00 |
| 2501 | -189.751 | 10.3597 | 0.000000E+00 |
| 2502 | -194.608 | 10.7440 | 0.000000E+00 |
| 2503 | -210.330 | 9.12500 | 0.000000E+00 |
| 2504 | -210.330 | 10.1250 | 0.000000E+00 |
| 2505 | -199.465 | 10.1250 | 0.000000E+00 |
| 2506 | -204.322 | 10.7440 | 0.000000E+00 |
| 2507 | -209.179 | 10.7440 | 0.000000E+00 |
| 2508 | -222.597 | 9.12500 | 0.000000E+00 |
| 2509 | -222.597 | 10.3597 | 0.000000E+00 |
| 2510 | -214.036 | 10.3603 | 0.000000E+00 |
| 2511 | -218.893 | 10.7440 | 0.000000E+00 |
| 2512 | -228.607 | 10.7440 | 0.000000E+00 |
| 2513 | -223.750 | 10.1250 | 0.000000E+00 |
| 2514 | -234.616 | 9.12500 | 0.000000E+00 |
| 2515 | -234.616 | 10.1250 | 0.000000E+00 |
| 2516 | -233.465 | 10.7443 | 0.000000E+00 |
| 2517 | -246.887 | 9.12500 | 0.000000E+00 |
| 2518 | -246.887 | 10.3603 | 0.000000E+00 |
| 2519 | -238.323 | 10.3607 | 0.000000E+00 |
| 2520 | -243.181 | 10.7443 | 0.000000E+00 |
| 2521 | -258.907 | 9.12500 | 0.000000E+00 |
| 2522 | -258.907 | 10.1250 | 0.000000E+00 |
| 2523 | -248.039 | 10.1250 | 0.000000E+00 |
| 2524 | -252.897 | 10.7443 | 0.000000E+00 |
| 2525 | -257.755 | 10.7443 | 0.000000E+00 |
| 2526 | -271.178 | 9.12500 | 0.000000E+00 |
| 2527 | -271.178 | 10.3607 | 0.000000E+00 |
| 2528 | -262.613 | 10.3603 | 0.000000E+00 |
| 2529 | -267.471 | 10.7443 | 0.000000E+00 |
| 2530 | -277.187 | 10.7443 | 0.000000E+00 |
| 2531 | -272.329 | 10.1250 | 0.000000E+00 |
| 2532 | -283.198 | 9.12500 | 0.000000E+00 |
| 2533 | -283.198 | 10.1250 | 0.000000E+00 |
| 2534 | -282.046 | 10.7447 | 0.000000E+00 |
| 2535 | -295.471 | 9.12500 | 0.000000E+00 |
| 2536 | -295.471 | 10.3607 | 0.000000E+00 |
| 2537 | -286.905 | 10.3607 | 0.000000E+00 |
| 2538 | -291.764 | 10.7447 | 0.000000E+00 |
| 2539 | -307.493 | 9.12500 | 0.000000E+00 |
| 2540 | -307.493 | 10.1250 | 0.000000E+00 |
| 2541 | -296.623 | 10.1250 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2542 | -301.482 | 10.7447 | 0.000000E+00 |
| 2543 | -306.341 | 10.7447 | 0.000000E+00 |
| 2544 | -319.766 | 9.12500 | 0.000000E+00 |
| 2545 | -319.766 | 10.3607 | 0.000000E+00 |
| 2546 | -311.200 | 10.3607 | 0.000000E+00 |
| 2547 | -316.059 | 10.7447 | 0.000000E+00 |
| 2548 | -325.777 | 10.7447 | 0.000000E+00 |
| 2549 | -320.918 | 10.1250 | 0.000000E+00 |
| 2550 | -331.783 | 9.12500 | 0.000000E+00 |
| 2551 | -331.783 | 10.1250 | 0.000000E+00 |
| 2552 | -330.639 | 10.7456 | 0.000000E+00 |
| 2553 | -341.792 | 9.12500 | 0.000000E+00 |
| 2554 | -341.792 | 10.1250 | 0.000000E+00 |
| 2555 | -335.500 | 10.3641 | 0.000000E+00 |
| 2556 | -340.362 | 10.7456 | 0.000000E+00 |
| 2557 | -351.801 | 9.12500 | 0.000000E+00 |
| 2558 | -351.801 | 10.1250 | 0.000000E+00 |
| 2559 | -345.224 | 10.2690 | 0.000000E+00 |
| 2560 | -350.086 | 10.7456 | 0.000000E+00 |
| 2561 | -359.809 | 10.7456 | 0.000000E+00 |
| 2562 | -354.947 | 10.1738 | 0.000000E+00 |
| 2563 | -360.409 | 10.1250 | 0.000000E+00 |
| 2564 | -1.40000 | 10.1250 | 0.000000E+00 |
| 2565 | -0.400000 | 10.1250 | 0.000000E+00 |
| 2566 | 407.610 | 10.1250 | 0.000000E+00 |
| 2567 | -360.409 | 5.62500 | 0.000000E+00 |
| 2568 | -359.242 | 9.12500 | 0.000000E+00 |
| 2569 | -359.242 | 5.62500 | 0.000000E+00 |
| 2570 | -0.500000 | 5.62500 | 0.000000E+00 |
| 2571 | 0.666667 | 9.12500 | 0.000000E+00 |
| 2572 | 0.666667 | 5.62500 | 0.000000E+00 |
| 2573 | -0.400000 | 5.62500 | 0.000000E+00 |
| 2574 | 0.766667 | 9.12500 | 0.000000E+00 |
| 2575 | 0.766667 | 5.62500 | 0.000000E+00 |
| 2576 | 408.210 | 5.62500 | 0.000000E+00 |
| 2577 | 409.377 | 9.12500 | 0.000000E+00 |
| 2578 | 409.377 | 5.62500 | 0.000000E+00 |
| 2579 | 407.610 | 9.12500 | -2.50000 |
| 2580 | 407.610 | 8.12500 | -2.50000 |
| 2581 | -359.809 | 2.12500 | -2.50000 |
| 2582 | -359.809 | 9.12500 | -2.50000 |
| 2583 | 407.610 | 2.12500 | -2.50000 |
| 2584 | 407.610 | 9.12500 | -2.50000 |
| 2585 | -361.409 | 5.62500 | 0.000000E+00 |
| 2586 | 409.210 | 5.62500 | 0.000000E+00 |
| 2587 | -359.809 | 5.62500 | -2.90000 |
| 2588 | -325.777 | 5.62500 | -8.80000 |
| 2589 | -277.187 | 5.62500 | -9.30000 |
| 2590 | -228.607 | 5.62500 | -9.80000 |
| 2591 | -180.037 | 5.62500 | -10.3000 |
| 2592 | -131.487 | 5.62500 | -10.5500 |
| 2593 | -82.9570 | 5.62500 | -11.3000 |
| 2594 | -34.4470 | 5.62500 | -11.5500 |
| 2595 | -0.447000 | 5.62500 | -12.3000 |
| 2596 | 33.5470 | 5.62500 | -11.8000 |
| 2597 | 82.0570 | 5.62500 | -11.3000 |
| 2598 | 130.587 | 5.62500 | -11.3000 |
| 2599 | 179.137 | 5.62500 | -11.0500 |
| 2600 | 227.707 | 5.62500 | -10.3000 |
| 2601 | 276.287 | 5.62500 | -10.3000 |
| 2602 | 324.877 | 5.62500 | -10.5500 |
| 2603 | 373.578 | 5.62500 | -10.5500 |
| 2604 | 407.610 | 5.62500 | -2.90000 |
| 2605 | -359.809 | 2.12500 | -2.50000 |
| 2606 | -359.809 | 9.12500 | -2.50000 |
| 2607 | 0.500000 | 2.12500 | -2.50000 |
| 2608 | 0.500000 | 9.12500 | -2.50000 |
| 2609 | 407.610 | 2.12500 | -2.50000 |
| 2610 | 407.610 | 9.12500 | -2.50000 |
| 2611 | -359.809 | 5.62500 | -2.90000 |
| 2612 | 407.610 | 5.62500 | -2.90000 |
| 2613 | -358.809 | 2.12500 | -2.50000 |
| 2614 | -359.809 | 3.12500 | -2.50000 |
| 2615 | -358.809 | 9.12500 | -2.50000 |
| 2616 | -359.809 | 10.1250 | -2.50000 |
| 2617 | -324.777 | 2.12500 | -2.50000 |
| 2618 | -325.777 | 3.12500 | -2.50000 |
| 2619 | -324.777 | 9.12500 | -2.50000 |
| 2620 | -325.777 | 10.1250 | -2.50000 |
| 2621 | -276.187 | 2.12500 | -2.50000 |
| 2622 | -277.187 | 3.12500 | -2.50000 |
| 2623 | -276.187 | 9.12500 | -2.50000 |
| 2624 | -277.187 | 10.1250 | -2.50000 |
| 2625 | -227.607 | 2.12500 | -2.50000 |
| 2626 | -228.607 | 3.12500 | -2.50000 |
| 2627 | -227.607 | 9.12500 | -2.50000 |
| 2628 | -228.607 | 10.1250 | -2.50000 |
| 2629 | -179.037 | 2.12500 | -2.50000 |
| 2630 | -180.037 | 3.12500 | -2.50000 |
| 2631 | -179.037 | 9.12500 | -2.50000 |
| 2632 | -180.037 | 10.1250 | -2.50000 |
| 2633 | -130.487 | 2.12500 | -2.50000 |
| 2634 | -131.487 | 3.12500 | -2.50000 |
| 2635 | -130.487 | 9.12500 | -2.50000 |
| 2636 | -131.487 | 10.1250 | -2.50000 |
| 2637 | -81.9570 | 2.12500 | -2.50000 |
| 2638 | -82.9570 | 3.12500 | -2.50000 |
| 2639 | -81.9570 | 9.12500 | -2.50000 |
| 2640 | -82.9570 | 10.1250 | -2.50000 |
| 2641 | -33.4470 | 2.12500 | -2.50000 |
| 2642 | -34.4470 | 3.12500 | -2.50000 |
| 2643 | -33.4470 | 9.12500 | -2.50000 |
| 2644 | -34.4470 | 10.1250 | -2.50000 |
| 2645 | -0.400000 | 2.12500 | -2.50000 |
| 2646 | -1.40000 | 3.12500 | -2.50000 |

| | | | |
|------|-----------|---------|--------------|
| 2647 | -0.400000 | 9.12500 | -2.50000 |
| 2648 | -1.40000 | 10.1250 | -2.50000 |
| 2649 | 1.50000 | 2.12500 | -2.50000 |
| 2650 | 0.500000 | 3.12500 | -2.50000 |
| 2651 | 1.50000 | 9.12500 | -2.50000 |
| 2652 | 0.500000 | 10.1250 | -2.50000 |
| 2653 | 34.5470 | 2.12500 | -2.50000 |
| 2654 | 33.5470 | 3.12500 | -2.50000 |
| 2655 | 34.5470 | 9.12500 | -2.50000 |
| 2656 | 33.5470 | 10.1250 | -2.50000 |
| 2657 | 83.0570 | 2.12500 | -2.50000 |
| 2658 | 82.0570 | 3.12500 | -2.50000 |
| 2659 | 83.0570 | 9.12500 | -2.50000 |
| 2660 | 82.0570 | 10.1250 | -2.50000 |
| 2661 | 131.587 | 2.12500 | -2.50000 |
| 2662 | 130.587 | 3.12500 | -2.50000 |
| 2663 | 131.587 | 9.12500 | -2.50000 |
| 2664 | 130.587 | 10.1250 | -2.50000 |
| 2665 | 180.137 | 2.12500 | -2.50000 |
| 2666 | 179.137 | 3.12500 | -2.50000 |
| 2667 | 180.137 | 9.12500 | -2.50000 |
| 2668 | 179.137 | 10.1250 | -2.50000 |
| 2669 | 228.707 | 2.12500 | -2.50000 |
| 2670 | 227.707 | 3.12500 | -2.50000 |
| 2671 | 228.707 | 9.12500 | -2.50000 |
| 2672 | 227.707 | 10.1250 | -2.50000 |
| 2673 | 277.287 | 2.12500 | -2.50000 |
| 2674 | 276.287 | 3.12500 | -2.50000 |
| 2675 | 277.287 | 9.12500 | -2.50000 |
| 2676 | 276.287 | 10.1250 | -2.50000 |
| 2677 | 325.877 | 2.12500 | -2.50000 |
| 2678 | 324.877 | 3.12500 | -2.50000 |
| 2679 | 325.877 | 9.12500 | -2.50000 |
| 2680 | 324.877 | 10.1250 | -2.50000 |
| 2681 | 374.578 | 2.12500 | -2.50000 |
| 2682 | 373.578 | 3.12500 | -2.50000 |
| 2683 | 374.578 | 9.12500 | -2.50000 |
| 2684 | 373.578 | 10.1250 | -2.50000 |
| 2685 | 406.610 | 2.12500 | -2.50000 |
| 2686 | 407.610 | 1.12500 | -2.50000 |
| 2687 | 406.610 | 9.12500 | -2.50000 |
| 2688 | 407.610 | 8.12500 | -2.50000 |
| 2689 | -360.409 | 5.62500 | 0.000000E+00 |
| 2690 | -361.409 | 6.62500 | 0.000000E+00 |
| 2691 | 0.500000 | 5.62500 | 0.000000E+00 |
| 2692 | -0.500000 | 6.62500 | 0.000000E+00 |
| 2693 | 408.210 | 5.62500 | 0.000000E+00 |
| 2694 | 409.210 | 4.62500 | 0.000000E+00 |
| 2695 | -358.809 | 5.62500 | -2.90000 |
| 2696 | -359.809 | 6.62500 | -2.90000 |
| 2697 | -324.777 | 5.62500 | -8.80000 |
| 2698 | -325.777 | 6.62500 | -8.80000 |
| 2699 | -276.187 | 5.62500 | -9.30000 |
| 2700 | -277.187 | 6.62500 | -9.30000 |
| 2701 | -227.607 | 5.62500 | -9.80000 |
| 2702 | -228.607 | 6.62500 | -9.80000 |
| 2703 | -179.037 | 5.62500 | -10.3000 |
| 2704 | -180.037 | 6.62500 | -10.3000 |
| 2705 | -130.487 | 5.62500 | -10.5500 |
| 2706 | -131.487 | 6.62500 | -10.5500 |
| 2707 | -81.9570 | 5.62500 | -11.3000 |
| 2708 | -82.9570 | 6.62500 | -11.3000 |
| 2709 | -33.4470 | 5.62500 | -11.5500 |
| 2710 | -34.4470 | 6.62500 | -11.5500 |
| 2711 | 0.553000 | 5.62500 | -12.3000 |
| 2712 | -0.447000 | 6.62500 | -12.3000 |
| 2713 | 34.5470 | 5.62500 | -11.8000 |
| 2714 | 33.5470 | 6.62500 | -11.8000 |
| 2715 | 83.0570 | 5.62500 | -11.3000 |
| 2716 | 82.0570 | 6.62500 | -11.3000 |
| 2717 | 131.587 | 5.62500 | -11.3000 |
| 2718 | 130.587 | 6.62500 | -11.3000 |
| 2719 | 180.137 | 5.62500 | -11.0500 |
| 2720 | 179.137 | 6.62500 | -11.0500 |
| 2721 | 228.707 | 5.62500 | -10.3000 |
| 2722 | 227.707 | 6.62500 | -10.3000 |
| 2723 | 277.287 | 5.62500 | -10.3000 |
| 2724 | 276.287 | 6.62500 | -10.3000 |
| 2725 | 325.877 | 5.62500 | -10.5500 |
| 2726 | 324.877 | 6.62500 | -10.5500 |
| 2727 | 374.578 | 5.62500 | -10.5500 |
| 2728 | 373.578 | 6.62500 | -10.5500 |
| 2729 | 408.610 | 5.62500 | -2.90000 |
| 2730 | 407.610 | 6.62500 | -2.90000 |
| 2731 | -358.809 | 2.12500 | -2.50000 |
| 2732 | -359.809 | 3.12500 | -2.50000 |
| 2733 | -358.809 | 9.12500 | -2.50000 |
| 2734 | -359.809 | 10.1250 | -2.50000 |
| 2735 | 1.50000 | 2.12500 | -2.50000 |
| 2736 | 0.500000 | 3.12500 | -2.50000 |
| 2737 | 1.50000 | 9.12500 | -2.50000 |
| 2738 | 0.500000 | 10.1250 | -2.50000 |
| 2739 | 406.610 | 2.12500 | -2.50000 |
| 2740 | 407.610 | 1.12500 | -2.50000 |
| 2741 | 406.610 | 9.12500 | -2.50000 |
| 2742 | 407.610 | 8.12500 | -2.50000 |

TOTAL NUMBER OF NODES = 2742
LARGEST NODE NUMBER = 2742

DATA STORAGE LOCATIONS USED = 19194

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

C1 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 1 | 1ST NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.1773E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C2 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 2 | 1ST NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.2002E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 3 | 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C4_cracked (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 4 | 1ST NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 | | | |
| | | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 | | | |
| | | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.4794E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|----------------|----------|-------------|------------|------------|----------------|------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 5 | 1ST NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 | | | |

| | | | | | |
|----------|-------------|----------------|----------------|-----------------|------------|
| 2ND NODE | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | ASZ =1.658 |
| | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | |
| | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.1951E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

BMI21 ELEMENTS

| | | | | | |
|------------|-------------|----------------|----------------|-----------------|------------|
| 6 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

el_soletta_riva (Sct5 (RSS D=0.3 B=4.72)) & modifier_Jz_soletta
PROPERTY

BMI21 ELEMENTS

| | | | | | |
|------------|-------------|-----------------|----------------|-----------------|------------|
| 7 1ST NODE | AREA =1.416 | IYY =0.1062E-01 | IZZ =2.629 | KT =0.4078E-01 | ASZ =1.182 |
| | ASY =1.180 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =1.416 | IYY =0.1062E-01 | IZZ =2.629 | KT =0.4078E-01 | ASZ =1.182 |
| | ASY =1.180 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 10.00 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| MF1 = 1.000 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

el_soletta_interne (Sct7 (RSS D=0.3 B=4.86)) & modifier_Jz_soletta
PROPERTY

BMI21 ELEMENTS

| | | | | | |
|------------|-------------|-----------------|----------------|-----------------|------------|
| 8 1ST NODE | AREA =1.458 | IYY =0.1093E-01 | IZZ =2.870 | KT =0.4204E-01 | ASZ =1.217 |
| | ASY =1.215 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =1.458 | IYY =0.1093E-01 | IZZ =2.870 | KT =0.4204E-01 | ASZ =1.217 |
| | ASY =1.215 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 10.00 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| MF1 = 1.000 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

el_soletta_riva_terminali (Sct4 (RSS D=0.3 B=2.9)) & modifier_Jz_soletta
PROPERTY

BMI21 ELEMENTS

| | | | | | |
|------------|--------------|-----------------|----------------|-----------------|-------------|
| 9 1ST NODE | AREA =0.8700 | IYY =0.6525E-02 | IZZ =0.6097 | KT =0.2440E-01 | ASZ =0.7258 |
| | ASY =0.7250 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =0.8700 | IYY =0.6525E-02 | IZZ =0.6097 | KT =0.2440E-01 | ASZ =0.7258 |
| | ASY =0.7250 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 10.00 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_riva_estremi (el_soletta_estremi (RSS D=0.3 B=0.05)) & modifier_Jz_soletta
 PROPERTY

BMI21 ELEMENTS
 10 1ST NODE AREA =0.1500E-01 IYY =0.1125E-03 IZZ =0.3125E-05 KT =0.1119E-04 ASZ =0.1250E-01
 ASY =0.1251E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =0.1500E-01 IYY =0.1125E-03 IZZ =0.3125E-05 KT =0.1119E-04 ASZ =0.1250E-01
 ASY =0.1251E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

traversi_appoggio (Sct1 (I D=1 B=0.3 tf=0.02 tw=0.018 r=0))
 PROPERTY

BMI21 ELEMENTS
 11 1ST NODE AREA =0.2928E-01 IYY =0.4209E-02 IZZ =0.9047E-04 KT =0.3477E-05 ASZ =0.1703E-01
 ASY =0.1027E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =0.2928E-01 IYY =0.4209E-02 IZZ =0.9047E-04 KT =0.3477E-05 ASZ =0.1703E-01
 ASY =0.1027E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00

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

traversi_intermedi (Sct2 (I D=1 B=0.3 tf=0.02 tw=0.015 r=0))
 PROPERTY

BMI21 ELEMENTS
 12 1ST NODE AREA =0.2640E-01 IYY =0.3988E-02 IZZ =0.9027E-04 KT =0.2665E-05 ASZ =0.1428E-01
 ASY =0.1017E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =0.2640E-01 IYY =0.3988E-02 IZZ =0.9027E-04 KT =0.2665E-05 ASZ =0.1428E-01
 ASY =0.1017E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00

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

Pulvino_pila_corrente (Pulvino_corrente (RSS D=2.5 B=1.8))
 PROPERTY

BMI21 ELEMENTS
 13 1ST NODE AREA =4.500 IYY =2.344 IZZ =1.215 KT =2.710 ASZ =3.750
 ASY =3.751 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =4.500 IYY =2.344 IZZ =1.215 KT =2.710 ASZ =3.750
 ASY =3.751 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

rigid
 PROPERTY

BMI21 ELEMENTS
 14 1ST NODE AREA =10.00 IYY =100.0 IZZ =100.0 KT =100.0 ASZ =0.1000E+05
 ASY =0.1000E+05 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =10.00 IYY =100.0 IZZ =100.0 KT =100.0 ASZ =0.1000E+05
 ASY =0.1000E+05 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

Pila_Corrente (Fusto_pila_tipo)
 PROPERTY

BMI21 ELEMENTS
 15 1ST NODE AREA =6.927 IYY =7.940 IZZ =23.78 KT =22.73 ASZ =1.720
 ASY =4.929 EZ =0.0000E+00 EY =0.0000E+00 IYZ =-0.2837E-13
 2ND NODE AREA =6.927 IYY =7.940 IZZ =23.78 KT =22.73 ASZ =1.720

ASY =4.929 EZ =0.0000E+00 EY =0.0000E+00 IYZ =-0.2837E-13

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

Plinto_Pila_corrente (Plinto_corrente (RSS D=9.6 B=6) R90)
PROPERTY

| BMI21 ELEMENTS | | AREA | IYY | IZZ | KT | ASZ |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|
| 16 | 1ST NODE | =57.60 | =172.8 | =442.4 | =422.5 | =48.01 |
| | | ASY =48.00 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | | AREA =57.60 | IYY =172.8 | IZZ =442.4 | KT =422.5 | ASZ =48.01 |
| | | ASY =48.00 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

Pulvino_pila_P8 (Pulvino_P8 (RSS D=2.5 B=3.3))
PROPERTY

| BMI21 ELEMENTS | | AREA | IYY | IZZ | KT | ASZ |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|
| 17 | 1ST NODE | =8.250 | =4.297 | =7.487 | =9.236 | =6.876 |
| | | ASY =6.876 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | | AREA =8.250 | IYY =4.297 | IZZ =7.487 | KT =9.236 | ASZ =6.876 |
| | | ASY =6.876 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

Plinto_Pila_P8 (Plinto_P8 (RSS D=9.6 B=9.6) R90)
PROPERTY

| BMI21 ELEMENTS | | AREA | IYY | IZZ | KT | ASZ |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|
| 18 | 1ST NODE | =92.16 | =707.8 | =707.8 | =1194. | =76.81 |
| | | ASY =76.81 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | | AREA =92.16 | IYY =707.8 | IZZ =707.8 | KT =1194. | ASZ =76.81 |
| | | ASY =76.81 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

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

PilaP8 (Fusto_P8)
PROPERTY

| BMI21 ELEMENTS | | AREA | IYY | IZZ | KT | ASZ |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|
| 19 | 1ST NODE | =12.78 | =32.10 | =42.31 | =62.60 | =3.264 |
| | | ASY =9.320 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.2595E-13 | |
| 2ND NODE | | AREA =12.78 | IYY =32.10 | IZZ =42.31 | KT =62.60 | ASZ =3.264 |
| | | ASY =9.320 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.2595E-13 | |

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

joints
PROPERTY

JSH4 ELEMENTS
20 ECCENTRICITY = 0.0000E+00
DATA STORAGE LOCATIONS USED = 1520

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

| FIRST ELEMENT | LAST ELEMENT | DIFF-ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|---------------|--------------|-------------|---------------|---------------|
| 1 | 4 | 1 | 14 | 32 |
| 5 | 8 | 1 | 13 | 31 |
| 9 | 0 | 0 | 14 | 32 |
| 10 | 17 | 1 | 15 | 33 |
| 18 | 19 | 1 | 14 | 32 |
| 20 | 23 | 1 | 13 | 31 |
| 24 | 0 | 0 | 14 | 32 |
| 25 | 32 | 1 | 15 | 33 |
| 33 | 34 | 1 | 14 | 32 |
| 35 | 36 | 1 | 16 | 34 |
| 37 | 38 | 1 | 14 | 32 |
| 39 | 42 | 1 | 13 | 31 |
| 43 | 0 | 0 | 14 | 32 |

| | | | | |
|-----|-----|---|----|----|
| 44 | 51 | 1 | 15 | 33 |
| 52 | 0 | 0 | 16 | 34 |
| 53 | 56 | 1 | 14 | 32 |
| 57 | 60 | 1 | 13 | 31 |
| 61 | 0 | 0 | 14 | 32 |
| 62 | 69 | 1 | 15 | 33 |
| 70 | 0 | 0 | 16 | 34 |
| 71 | 74 | 1 | 14 | 32 |
| 75 | 78 | 1 | 13 | 31 |
| 79 | 0 | 0 | 14 | 32 |
| 80 | 87 | 1 | 15 | 33 |
| 88 | 0 | 0 | 16 | 34 |
| 89 | 92 | 1 | 14 | 32 |
| 93 | 96 | 1 | 13 | 31 |
| 97 | 0 | 0 | 14 | 32 |
| 98 | 105 | 1 | 15 | 33 |
| 106 | 0 | 0 | 16 | 34 |
| 107 | 110 | 1 | 14 | 32 |
| 111 | 114 | 1 | 13 | 31 |
| 115 | 0 | 0 | 14 | 32 |
| 116 | 123 | 1 | 15 | 33 |
| 124 | 0 | 0 | 16 | 34 |
| 125 | 128 | 1 | 14 | 32 |
| 129 | 132 | 1 | 13 | 31 |
| 133 | 0 | 0 | 14 | 32 |
| 134 | 141 | 1 | 15 | 33 |
| 142 | 0 | 0 | 16 | 34 |
| 143 | 146 | 1 | 14 | 32 |
| 147 | 150 | 1 | 13 | 31 |
| 151 | 0 | 0 | 14 | 32 |
| 152 | 159 | 1 | 15 | 33 |
| 160 | 0 | 0 | 16 | 34 |
| 161 | 164 | 1 | 14 | 32 |
| 165 | 168 | 1 | 13 | 31 |
| 169 | 0 | 0 | 14 | 32 |
| 170 | 177 | 1 | 15 | 33 |
| 178 | 0 | 0 | 16 | 34 |
| 179 | 182 | 1 | 14 | 32 |
| 183 | 186 | 1 | 13 | 31 |
| 187 | 0 | 0 | 14 | 32 |
| 188 | 195 | 1 | 15 | 33 |
| 196 | 0 | 0 | 16 | 34 |
| 197 | 200 | 1 | 14 | 32 |
| 201 | 204 | 1 | 13 | 31 |
| 205 | 0 | 0 | 14 | 32 |
| 206 | 213 | 1 | 15 | 33 |
| 214 | 0 | 0 | 16 | 34 |
| 215 | 218 | 1 | 14 | 32 |
| 219 | 222 | 1 | 13 | 31 |
| 223 | 0 | 0 | 14 | 32 |
| 224 | 231 | 1 | 15 | 33 |
| 232 | 0 | 0 | 16 | 34 |
| 233 | 236 | 1 | 14 | 32 |
| 237 | 240 | 1 | 13 | 31 |
| 241 | 0 | 0 | 14 | 32 |
| 242 | 249 | 1 | 15 | 33 |
| 250 | 0 | 0 | 16 | 34 |
| 251 | 254 | 1 | 14 | 32 |
| 255 | 258 | 1 | 13 | 31 |
| 259 | 0 | 0 | 14 | 32 |
| 260 | 267 | 1 | 15 | 33 |
| 268 | 0 | 0 | 16 | 34 |
| 269 | 270 | 1 | 14 | 32 |
| 271 | 274 | 1 | 17 | 35 |
| 275 | 0 | 0 | 14 | 32 |
| 276 | 283 | 1 | 19 | 37 |
| 284 | 0 | 0 | 18 | 36 |
| 285 | 333 | 1 | 14 | 32 |
| 334 | 338 | 1 | 11 | 27 |
| 339 | 479 | 1 | 12 | 28 |
| 480 | 493 | 1 | 11 | 27 |
| 494 | 0 | 0 | 9 | 17 |
| 495 | 496 | 1 | 8 | 16 |
| 497 | 521 | 1 | 7 | 15 |
| 522 | 629 | 1 | 8 | 16 |
| 630 | 638 | 1 | 7 | 15 |
| 639 | 645 | 1 | 8 | 16 |
| 646 | 647 | 1 | 9 | 17 |
| 648 | 652 | 1 | 8 | 16 |
| 653 | 0 | 0 | 9 | 17 |
| 654 | 655 | 1 | 8 | 16 |
| 656 | 673 | 1 | 7 | 15 |
| 674 | 781 | 1 | 8 | 16 |
| 782 | 790 | 1 | 7 | 15 |
| 791 | 797 | 1 | 8 | 16 |
| 798 | 799 | 1 | 9 | 17 |
| 800 | 804 | 1 | 8 | 16 |
| 805 | 808 | 1 | 10 | 18 |
| 809 | 0 | 0 | 9 | 17 |
| 810 | 811 | 1 | 8 | 16 |
| 812 | 829 | 1 | 7 | 15 |
| 830 | 937 | 1 | 8 | 16 |
| 938 | 946 | 1 | 7 | 15 |
| 947 | 953 | 1 | 8 | 16 |
| 954 | 955 | 1 | 9 | 17 |
| 956 | 960 | 1 | 8 | 16 |
| 961 | 964 | 1 | 10 | 18 |
| 965 | 967 | 1 | 7 | 15 |
| 968 | 0 | 0 | 9 | 17 |
| 969 | 972 | 1 | 7 | 15 |
| 973 | 0 | 0 | 9 | 17 |
| 974 | 980 | 1 | 7 | 15 |
| 981 | 0 | 0 | 9 | 17 |
| 982 | 983 | 1 | 1 | 1 |
| 984 | 986 | 1 | 5 | 11 |

| | | | | |
|------|------|---|---|----|
| 987 | 989 | 1 | 6 | 13 |
| 990 | 993 | 1 | 4 | 10 |
| 994 | 996 | 1 | 3 | 7 |
| 997 | 1000 | 1 | 2 | 3 |
| 1001 | 1003 | 1 | 3 | 7 |
| 1004 | 1007 | 1 | 4 | 10 |
| 1008 | 1010 | 1 | 3 | 7 |
| 1011 | 1014 | 1 | 2 | 3 |
| 1015 | 1017 | 1 | 3 | 7 |
| 1018 | 1021 | 1 | 4 | 10 |
| 1022 | 1024 | 1 | 3 | 7 |
| 1025 | 1028 | 1 | 2 | 3 |
| 1029 | 1031 | 1 | 3 | 7 |
| 1032 | 1035 | 1 | 4 | 10 |
| 1036 | 1038 | 1 | 3 | 7 |
| 1039 | 1042 | 1 | 2 | 3 |
| 1043 | 1045 | 1 | 3 | 7 |
| 1046 | 1049 | 1 | 4 | 10 |
| 1050 | 1052 | 1 | 3 | 7 |
| 1053 | 1056 | 1 | 2 | 3 |
| 1057 | 1059 | 1 | 3 | 7 |
| 1060 | 1063 | 1 | 4 | 10 |
| 1064 | 1066 | 1 | 3 | 7 |
| 1067 | 1070 | 1 | 2 | 3 |
| 1071 | 1073 | 1 | 3 | 7 |
| 1074 | 1077 | 1 | 4 | 10 |
| 1078 | 1080 | 1 | 3 | 7 |
| 1081 | 1084 | 1 | 2 | 3 |
| 1085 | 1087 | 1 | 3 | 7 |
| 1088 | 1091 | 1 | 4 | 10 |
| 1092 | 1094 | 1 | 6 | 13 |
| 1095 | 1097 | 1 | 5 | 11 |
| 1098 | 1101 | 1 | 1 | 1 |
| 1102 | 1104 | 1 | 5 | 11 |
| 1105 | 1107 | 1 | 6 | 13 |
| 1108 | 1111 | 1 | 4 | 10 |
| 1112 | 1114 | 1 | 3 | 7 |
| 1115 | 1118 | 1 | 2 | 3 |
| 1119 | 1121 | 1 | 3 | 7 |
| 1122 | 1125 | 1 | 4 | 10 |
| 1126 | 1128 | 1 | 3 | 7 |
| 1129 | 1132 | 1 | 2 | 3 |
| 1133 | 1135 | 1 | 3 | 7 |
| 1136 | 1139 | 1 | 4 | 10 |
| 1140 | 1142 | 1 | 3 | 7 |
| 1143 | 1146 | 1 | 2 | 3 |
| 1147 | 1149 | 1 | 3 | 7 |
| 1150 | 1153 | 1 | 4 | 10 |
| 1154 | 1156 | 1 | 3 | 7 |
| 1157 | 1160 | 1 | 2 | 3 |
| 1161 | 1163 | 1 | 3 | 7 |
| 1164 | 1167 | 1 | 4 | 10 |
| 1168 | 1170 | 1 | 3 | 7 |
| 1171 | 1174 | 1 | 2 | 3 |
| 1175 | 1177 | 1 | 3 | 7 |
| 1178 | 1181 | 1 | 4 | 10 |
| 1182 | 1184 | 1 | 3 | 7 |
| 1185 | 1188 | 1 | 2 | 3 |
| 1189 | 1191 | 1 | 3 | 7 |
| 1192 | 1195 | 1 | 4 | 10 |
| 1196 | 1198 | 1 | 3 | 7 |
| 1199 | 1201 | 1 | 5 | 11 |
| 1202 | 1209 | 1 | 1 | 1 |
| 1210 | 1212 | 1 | 5 | 11 |
| 1213 | 1215 | 1 | 6 | 13 |
| 1216 | 1219 | 1 | 4 | 10 |
| 1220 | 1222 | 1 | 3 | 7 |
| 1223 | 1226 | 1 | 2 | 3 |
| 1227 | 1229 | 1 | 3 | 7 |
| 1230 | 1233 | 1 | 4 | 10 |
| 1234 | 1236 | 1 | 3 | 7 |
| 1237 | 1240 | 1 | 2 | 3 |
| 1241 | 1243 | 1 | 3 | 7 |
| 1244 | 1247 | 1 | 4 | 10 |
| 1248 | 1250 | 1 | 3 | 7 |
| 1251 | 1254 | 1 | 2 | 3 |
| 1255 | 1257 | 1 | 3 | 7 |
| 1258 | 1261 | 1 | 4 | 10 |
| 1262 | 1264 | 1 | 3 | 7 |
| 1265 | 1268 | 1 | 2 | 3 |
| 1269 | 1271 | 1 | 3 | 7 |
| 1272 | 1275 | 1 | 4 | 10 |
| 1276 | 1278 | 1 | 3 | 7 |
| 1279 | 1282 | 1 | 2 | 3 |
| 1283 | 1285 | 1 | 3 | 7 |
| 1286 | 1289 | 1 | 4 | 10 |
| 1290 | 1292 | 1 | 3 | 7 |
| 1293 | 1296 | 1 | 2 | 3 |
| 1297 | 1299 | 1 | 3 | 7 |
| 1300 | 1303 | 1 | 4 | 10 |
| 1304 | 1306 | 1 | 3 | 7 |
| 1307 | 1310 | 1 | 2 | 3 |
| 1311 | 1313 | 1 | 3 | 7 |
| 1314 | 1317 | 1 | 4 | 10 |
| 1318 | 1320 | 1 | 6 | 13 |
| 1321 | 1323 | 1 | 5 | 11 |
| 1324 | 1327 | 1 | 1 | 1 |
| 1328 | 1330 | 1 | 5 | 11 |
| 1331 | 1333 | 1 | 6 | 13 |
| 1334 | 1337 | 1 | 4 | 10 |
| 1338 | 1340 | 1 | 3 | 7 |
| 1341 | 1344 | 1 | 2 | 3 |
| 1345 | 1347 | 1 | 3 | 7 |
| 1348 | 1351 | 1 | 4 | 10 |
| 1352 | 1354 | 1 | 3 | 7 |

| | | | | |
|------|------|---|----|----|
| 1355 | 1358 | 1 | 2 | 3 |
| 1359 | 1361 | 1 | 3 | 7 |
| 1362 | 1365 | 1 | 4 | 10 |
| 1366 | 1368 | 1 | 3 | 7 |
| 1369 | 1372 | 1 | 2 | 3 |
| 1373 | 1375 | 1 | 3 | 7 |
| 1376 | 1379 | 1 | 4 | 10 |
| 1380 | 1382 | 1 | 3 | 7 |
| 1383 | 1386 | 1 | 2 | 3 |
| 1387 | 1389 | 1 | 3 | 7 |
| 1390 | 1393 | 1 | 4 | 10 |
| 1394 | 1396 | 1 | 3 | 7 |
| 1397 | 1400 | 1 | 2 | 3 |
| 1401 | 1403 | 1 | 3 | 7 |
| 1404 | 1407 | 1 | 4 | 10 |
| 1408 | 1410 | 1 | 3 | 7 |
| 1411 | 1414 | 1 | 2 | 3 |
| 1415 | 1417 | 1 | 3 | 7 |
| 1418 | 1421 | 1 | 4 | 10 |
| 1422 | 1424 | 1 | 3 | 7 |
| 1425 | 1427 | 1 | 5 | 11 |
| 1428 | 1433 | 1 | 1 | 1 |
| 1434 | 1441 | 1 | 10 | 18 |
| 1442 | 0 | 0 | 14 | 32 |
| 1443 | 1507 | 1 | 20 | 4 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 248
TOTAL NUMBER OF ELEMENTS = 1507
LARGEST ELEMENT NUMBER = 1507
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 20
DATA STORAGE LOCATIONS USED = 4521

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

MATERIAL

giunti
7 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

Incastro
8 KX = 0.1000E+13 KY = 0.1000E+13 KZ = 0.1000E+13 KTX = 0.1000E+13 KTY = 0.1000E+13 KTZ =
0.1000E+13

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

MATERIAL

HDRB2
9 KX = 0.3530E+07 KY = 0.3530E+07 KZ = 0.2331E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB1
10 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

UL
11 KX = 1.000 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

Steel_nomassa (elastic)

2 E = 0.2100E+12 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

rigido (elastic)
 3 E = 0.1000E+13 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3 (elastic) - compound BDM_Phase3
 1 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

rigid_cls_pulvini (elastic)
 4 E = 0.2100E+15 NU = 0.3000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_sottostrutture (elastic)
 5 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_el_sol (elastic)
 6 E = 0.3335E+11 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 490

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

| SHRINKAGE SET | FIRST KO ELEMENT SET | LAST SMEARED REINFORCEMENT ELEMENT SET | DIFF-ERENCE | MATERIAL SET | NSET | STRESS PLASTIC DATA SET | POTENTIAL/ DATA SET | CREEP SET | DAMAGE SET | LusasM ID NO. | VISCOELASTIC SET | TWO PHASE MATERIAL SET |
|---------------|----------------------|--|-------------|--------------|------|-------------------------|---------------------|-----------|------------|---------------|------------------|------------------------|
| 0 | 0 | 1 4 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 5 8 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 9 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 10 17 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 18 19 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 20 23 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 24 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 25 32 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 33 34 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |

| | | | | | | | | | | | | | |
|---|---|-----|---|-----|---|---|---|---|---|---|----|---|---|
| 0 | 0 | 35 | 0 | 36 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 37 | 0 | 38 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 39 | 0 | 42 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 43 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 44 | 0 | 52 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 53 | 0 | 56 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 57 | 0 | 60 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 61 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 62 | 0 | 70 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 71 | 0 | 74 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 75 | 0 | 78 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 79 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 80 | 0 | 88 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 89 | 0 | 92 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 93 | 0 | 96 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 97 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 98 | 0 | 106 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 107 | 0 | 110 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 111 | 0 | 114 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 115 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 116 | 0 | 124 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 125 | 0 | 128 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 129 | 0 | 132 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 133 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 134 | 0 | 142 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 143 | 0 | 146 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 147 | 0 | 150 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 151 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 152 | 0 | 160 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 161 | 0 | 164 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 165 | 0 | 168 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 169 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 170 | 0 | 178 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 179 | 0 | 182 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 183 | 0 | 186 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 187 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 188 | 0 | 196 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 197 | 0 | 200 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 201 | 0 | 204 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 205 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 206 | 0 | 214 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 215 | 0 | 218 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 219 | 0 | 222 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 223 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 224 | 0 | 232 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 233 | 0 | 236 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 237 | 0 | 240 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 241 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 242 | 0 | 250 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 251 | 0 | 254 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 255 | 0 | 258 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 259 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |

| | | | | | | | | | | | | | |
|---|---|------|---|------|---|----|---|---|---|---|----|---|---|
| 0 | 0 | 260 | 0 | 268 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 269 | 0 | 270 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 271 | 0 | 274 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 275 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 276 | 0 | 284 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 285 | 0 | 333 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 334 | 0 | 493 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 494 | 0 | 981 | 1 | 6 | 0 | 0 | 0 | 0 | 28 | 0 | 0 |
| 0 | 0 | 982 | 0 | 1433 | 1 | 1 | 0 | 0 | 0 | 0 | 17 | 0 | 0 |
| 0 | 0 | 1434 | 0 | 1441 | 1 | 6 | 0 | 0 | 0 | 0 | 28 | 0 | 0 |
| 0 | 0 | 1442 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 1443 | 0 | 1444 | 1 | 10 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| 0 | 0 | 1445 | 0 | 1458 | 1 | 9 | 0 | 0 | 0 | 0 | 10 | 0 | 0 |
| 0 | 0 | 1459 | 0 | 1462 | 1 | 10 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| 0 | 0 | 1463 | 0 | 1478 | 1 | 9 | 0 | 0 | 0 | 0 | 10 | 0 | 0 |
| 0 | 0 | 1479 | 0 | 1480 | 1 | 10 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| 0 | 0 | 1481 | 0 | 1483 | 1 | 7 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 0 | 0 | 1484 | 0 | 1501 | 1 | 8 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| 0 | 0 | 1502 | 0 | 1507 | 1 | 11 | 0 | 0 | 0 | 0 | 29 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 80

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

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

C O N S T R A I N T E Q U A T I O N S

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | THX | 1.00000 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | THY | 1.00000 |
| 2611 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | THZ | 1.00000 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | THX | 1.00000 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | THY | 1.00000 |
| 2611 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2582 | 0 | 0 | THZ | 1.00000 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2581 | 0 | 0 | V | 1.00000 |
| 2611 | 0 | 0 | V | -1.00000 |
| 2611 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2581 | 0 | 0 | W | 0.285714 |
| 2611 | 0 | 0 | W | -0.285714 |
| 2611 | 0 | 0 | THX | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2582 | 0 | 0 | V | 1.00000 |
| 2611 | 0 | 0 | V | -1.00000 |
| 2611 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2582 | 0 | 0 | W | 0.285714 |
| 2611 | 0 | 0 | W | -0.285714 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2581 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2582 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2583 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|---------------|--------------|--------------|-----------------|-------------|
| 2584 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 24
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
 LARGEST NODE NUMBER ENCOUNTERED = 2612
 DATA STORAGE LOCATIONS USED = 227

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

F = FREE
 R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
 S = SPRING
 P1 = VISCOUS TRANSMITTING (PRESSURE WAVE): EXPLICIT DEFINITION
 P2 = VISCOUS TRANSMITTING (PRESSURE WAVE): AUTOMATIC CALCULATION
 Z1 = VISCOUS TRANSMITTING (SHEAR WAVE): EXPLICIT DEFINITION
 Z2 = VISCOUS TRANSMITTING (SHEAR WAVE): AUTOMATIC CALCULATION

| FIRST SUPPORT NODE CONSTANT | LAST NODE | DIFF RNCE | SUPPORT CONDITION | SPRING CONSTANT | SUPPORT CONSTANT | SPRING CONSTANT | SUPPORT CONSTANT | SPRING CONSTANT | SUPPORT CONSTANT | SPRING CONSTANT |
|-----------------------------|-----------|-----------|-------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
|-----------------------------|-----------|-----------|-------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|

```
OR
OR          OR          OR          OR          OR          OR
VISCOUS SUPPT  VISCOUS SUPPT VISCOUS SUPPT VISCOUS SUPPT VISCOUS SUPPT
CONSTANT      CONSTANT      CONSTANT      CONSTANT      CONSTANT
OR          OR          OR          OR          OR
PRESCRIBED   PRESCRIBED   PRESCRIBED   PRESCRIBED   PRESCRIBED
VALUE        VALUE        VALUE        VALUE        VALUE
FREEDOM THZ          FREEDOM  U  FREEDOM  V  FREEDOM  W  FREEDOM  THX  FREEDOM  THY
2585 2604 1 R R R R R R R 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00
0.000000E+00
```

```
TOTAL NUMBER OF SUPPORT NODES = 20
LARGEST NODE NUMBER           = 2604
DATA STORAGE LOCATIONS USED   = 210
```

L O A D C A S E 50

Fw

```
CONCENTRATED LOAD
FIRST  LAST  DIFF  FORCE  FORCE  FORCE  FORCE  FORCE  FORCE
NODE  NODE  RNCX  FX    FY    FZ    MX    MY    MZ
2      7      5  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
11     0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
18     0      0  0.00000E+00  1160.2 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
20     0      0  0.00000E+00  232.03 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
21     27     1  0.00000E+00  464.06 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
36     37     1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
42     0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
49     0      0  0.00000E+00  1237.5 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
51     0      0  0.00000E+00  309.38 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
52     58     1  0.00000E+00  618.75 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
75     76     1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
81     0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
88     0      0  0.00000E+00  1314.8 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
90     0      0  0.00000E+00  386.72 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
91     97     1  0.00000E+00  773.44 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
112    113    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
118    0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
125    0      0  0.00000E+00  1392.2 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
127    0      0  0.00000E+00  464.06 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
128    134    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
149    150    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
155    0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
162    0      0  0.00000E+00  1430.9 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
164    0      0  0.00000E+00  502.73 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
165    171    1  0.00000E+00  1005.5 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
186    187    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
192    0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
199    0      0  0.00000E+00  1546.9 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
201    0      0  0.00000E+00  618.75 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
202    208    1  0.00000E+00  1237.5 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
223    224    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
229    0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
236    0      0  0.00000E+00  1585.5 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
238    0      0  0.00000E+00  657.42 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
239    245    1  0.00000E+00  1314.8 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
260    261    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
266    0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
273    0      0  0.00000E+00  1624.2 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
275    0      0  0.00000E+00  696.09 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
276    282    1  0.00000E+00  1392.2 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
297    298    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
303    0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
310    0      0  0.00000E+00  1546.9 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
312    0      0  0.00000E+00  618.75 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
313    319    1  0.00000E+00  1237.5 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
334    335    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
340    0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
347    0      0  0.00000E+00  1546.9 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
349    0      0  0.00000E+00  618.75 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
350    356    1  0.00000E+00  1237.5 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
371    372    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
377    0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
384    0      0  0.00000E+00  1508.2 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
386    0      0  0.00000E+00  580.08 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
387    393    1  0.00000E+00  1160.2 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
408    409    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
414    0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
421    0      0  0.00000E+00  1392.2 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
423    0      0  0.00000E+00  464.06 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
424    430    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
445    446    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
451    0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
458    0      0  0.00000E+00  1392.2 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
460    0      0  0.00000E+00  464.06 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
461    467    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
482    483    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
488    0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
495    0      0  0.00000E+00  1430.9 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
497    0      0  0.00000E+00  502.73 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
498    504    1  0.00000E+00  1005.5 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
519    520    1  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
525    0      0  0.00000E+00  928.12 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
```


| | | | | | | | | |
|------|-----|--------------|--------------|--------------|---------|--------------|--------------|--------------|
| 1408 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1409 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1410 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1411 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1412 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1413 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1414 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1415 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1416 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1417 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1418 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1419 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1420 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1421 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1422 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1423 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1424 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1425 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1426 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1427 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1428 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1429 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1430 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1431 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1432 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1433 | ALL | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 5.35714 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 452
LARGEST NODE OR ELEMENT NUMBER = 1433

DATA STORAGE LOCATIONS USED = 26221

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

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT | LAST ELT | DIFF RNCE | OUTPUT CONTROL | AVERAGED NODAL VALUES GROUP | NODAL FORCE OUTPUT GROUP | HISTORY CONTROL | PLOT FILE CONTROL |
|-----------|----------|-----------|----------------|-----------------------------|--------------------------|-----------------|-------------------|
| 1 | 1507 | 1 | 0 | 0 | 0 | 0 | 0 |

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1507
LARGEST ELEMENT NUMBER INPUT = 1507
LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFF RNCE | OUTPUT CONTROL | HISTORY CONTROL |
|------------|-----------|-----------|----------------|-----------------|
| 1 | 2742 | 1 | 0 | 0 |

TOTAL NUMBER OF NODE OUTPUT SETS = 1
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 2742
LARGEST NODE OUTPUT CONTROL NUMBER = 0
LARGEST NODE HISTORY CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 0

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

TOTAL NUMBER OF ELEMENTS = 1507
 TOTAL NUMBER OF CONSTRAINTS = 24
 TOTAL NUMBER OF NODES = 2742
 TOTAL NUMBER OF SUPPORT NODES = 20
 TOTAL NUMBER OF LOADING CASES = 5

LOCATIONS USED DURING DATA PROCESSING = 157350075
 LOCATIONS AVAILABLE = 196608000

TIME USED TO PROCESS INPUT DATA = 0.32700 SEC.
 TIME AT CENTRAL PROCESSOR = 8:36:30 ON 22/06/23 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1507
 INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 0

WARNING THE FAST PARALLEL SOLVER WILL BE USED AS DEFAULT IF
 CONSTRAINT EQUATIONS ARE PRESENT - EXPLICITLY SPECIFYING
 THE SOLVER TYPE WILL OVERRIDE (SOLTYP PROCESSOR)

WARNING NODES 2585 AND 2567 FOR ELEMENT NUMBER 1481 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

WARNING NODES 2570 AND 2573 FOR ELEMENT NUMBER 1482 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1000 (BMTJNT PROCESSOR)

WARNING NODES 2586 AND 2576 FOR ELEMENT NUMBER 1483 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

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

| MATERIAL SET | LENGTH M | GEOMETRIC SUMMARY AREA sq M | VOLUME cu M | ELEMENT MASS KG | X-COORD M | Y-COORD M | Z-COORD M |
|----------------------|--------------|-----------------------------|--------------|-----------------|--------------|--------------|--------------|
| 3 | 178.300 | 0.000000E+00 | 1783.00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 146.560 | 0.000000E+00 | 693.870 | 0.173468E+07 | 21.7698 | 5.62500 | -4.25000 |
| 5 | 83.0500 | 0.000000E+00 | 2142.04 | 0.535509E+07 | 25.4711 | 5.62500 | -9.38250 |
| 2 | 1120.00 | 0.000000E+00 | 29.9510 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 1857.71 | 0.000000E+00 | 2596.01 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 1537.04 | 0.000000E+00 | 0.863810E-04 | 0.215953 | 24.0429 | 5.62500 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 2.10000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 4924.76 | 0.000000E+00 | 7244.87 | 0.708976E+07 | 24.5655 | 5.62500 | -8.12671 |

| MATERIAL SET | Ixx KG M **2 | Iyy KG M **2 | Izz KG M **2 | Ixy KG M **2 | Iyz KG M **2 | Ixz KG M **2 |
|----------------------|--------------|--------------|--------------|---------------|--------------|--------------|
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 0.101134E+09 | 0.745661E+11 | 0.746046E+11 | -0.212420E+09 | 0.414696E+08 | 0.160495E+09 |
| 5 | 0.654655E+09 | 0.223137E+12 | 0.222821E+12 | -0.767250E+09 | 0.282623E+09 | 0.154437E+10 |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 9.47829 | 10692.9 | 10702.4 | -29.2057 | 0.000000E+00 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 0.755789E+09 | 0.297703E+12 | 0.297426E+12 | -0.979670E+09 | 0.324093E+09 | 0.170486E+10 |

| MATERIAL SET | Ixx KG M **2 | Iyy KG M **2 | Izz KG M **2 | Ixy KG M **2 | Iyz KG M **2 | Ixz KG M **2 |
|----------------------|--------------|--------------|--------------|---------------|--------------|--------------|
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 0.149151E+08 | 0.737127E+11 | 0.737276E+11 | -0.298023E-07 | 0.000000E+00 | 0.178814E-06 |
| 5 | 0.138015E+08 | 0.219191E+12 | 0.219178E+12 | 0.357628E-06 | 0.172853E-05 | 0.264594E+09 |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 2.64542 | 10568.0 | 10570.7 | -0.710543E-14 | 0.000000E+00 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 0.632318E+08 | 0.292957E+12 | 0.292923E+12 | 0.476837E-06 | 0.154972E-05 | 0.289485E+09 |

| MATERIAL SET | I 11 KG M **2 | I 22 KG M **2 | I 33 KG M **2 | PRINCIPAL DIRECTIONS |
|--------------|---------------|---------------|---------------|--|
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) (0.00, 1.00, 0.00) (0.00, 0.00, 1.00) |
| 4 | 0.737276E+11 | 0.737127E+11 | 0.149151E+08 | (0.00, 0.00, 1.00) (0.00, 1.00, 0.00) (1.00, 0.00, -0.00) |
| 5 | 0.219191E+12 | 0.219178E+12 | 0.134821E+08 | (0.00, 1.00, 0.00) (0.00, 0.00, 1.00) (1.00, 0.00, -0.00) |

| | | | | | | |
|----------------------|--------------|--------------|--------------|---------------------|---------------------|----------------------|
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 1 | 10570.7 | 10568.0 | 2.64542 | (0.00, 0.00, 1.00) | (0.00, 1.00, 0.00) | (1.00, 0.00, 0.00) |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| TOTALS FOR STRUCTURE | 0.292957E+12 | 0.292923E+12 | 0.629457E+08 | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | (1.00, 0.00, -0.00) |

| FORCE OUTPUT GROUP | ----- | RESULTANT | APPLIED LOAD AT | ORIGIN IN GLOBAL | DIRECTIONS | ----- |
|----------------------|--------------|--------------|-----------------|------------------|--------------|--------------|
| | Fx | Fy | Fz | Mx | My | Mz |
| | N | N | N | N .M | N .M | N .M |
| LOAD CASE 50 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.105426E+08 | 0.691216E-10 | -0.341576E+07 | 0.174623E-08 | 0.254454E+09 |
| LOAD CASE 51 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 52 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 53 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 54 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2155

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.30000E-02 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 72010

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 3985521
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7020
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7020
TOTAL NO. OF EQUATIONS = 7044
TOTAL NO. OF ACTIVE NODES = 1170

NUMBER OF ELEMENT GROUPS = 2
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1442

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 834879
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 1969924
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 713630
TOTAL SIZE OF ELEMENT DATA RECORDS = 867056
TOTAL SIZE OF ELEMENT RESULT RECORDS = 2000374
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 40912
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 150217

TIME FOR PRE-SOLUTION PROCESS = 0.17000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 8:36:30 ON 22/06/23 (DAY/MTH/YR)

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

=====

Solving symmetric indefinite matrix
Minimum degree equation re-ordering algorithm used
Number of nonzeros in L and U = 106311
Number of iterative refinement steps = 4
Number of positive eigenvalues = 6900
Number of negative eigenvalues = 24
Peak memory used during analysis and symbolic factorisation (MB) = 4.45
Total peak memory used during solve (MB) = 6.32
In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.33761E-23
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.92641E-23
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.16717E-22
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.62199E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 = 0.65052E-26

TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 4078508
LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1347
ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.33200 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.67700 SEC.

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

TIME AT CENTRAL PROCESSOR = 8:36:30 ON 22/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

| Disk Unit Name | Disk Page Size (Bytes) | Calls to I/O Routines | Buffered Transfers | Disk Accesses | Page Table Swaps | Peak File Size (Mbytes) |
|----------------|------------------------|-----------------------|--------------------|---------------|------------------|-------------------------|
| PROBLEM | 16384 | 180 | 2384 | 906 | 0 | 10.56250 |
| FRONTAL | 16384 | 0 | 0 | 0 | 0 | 0.1562500E-01 |
| SHAPES | 16384 | 6 | 226 | 89 | 0 | 1.375000 |
| PLOT | 16384 | 7567 | 9129 | 1537 | 0 | 24.67188 |
| RESTART | 0 | 0 | 0 | 0 | 0 | 0.0000000E+00 |

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 8:36:45 ON 22/06/23 (DAY/MTH/YR)

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

VBNMAME VALUE
NLPZ 196608000
NPGS 960

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

Build Information : MODELLER04 - Dec 23 2022 12:33:43

Kit Version : 20.0-2
Solver Version : 20.0.1617.7496 (32-bit)

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

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

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

KeyID 15062 licensed on PC processor. Expires 1-07-2024
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\LUSAS200\Programs (x86)\Lusas_S.exe
Input file :
D:\SynologyDrive\01_lavoro\48_037_09_23_632_418_Due_Viadotti_Trevalli_Esec_Sintagma_LF\03_calcoli\VI02_molino_vecchio\LUSASFiles
32\Molino_Vecchio_Sottostrutture_15_g\Molino_Vecchio_Sottostrutture_15_g~05_Fase3_Altro.dat

Number of processors available : 20
Maximum number of threads available : 20

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 8:36:46 ON 22/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|----------------|----------------------|------|------|------|
| | JSH4 | | | |
| | ELEMENTS | | | |
| 1443 | 2581 | 2605 | 2613 | 2614 |
| 1444 | 2582 | 2606 | 2615 | 2616 |
| 1445 | 1 | 613 | 2617 | 2618 |
| 1446 | 4 | 670 | 2619 | 2620 |
| 1447 | 67 | 616 | 2621 | 2622 |
| 1448 | 69 | 673 | 2623 | 2624 |
| 1449 | 110 | 619 | 2625 | 2626 |
| 1450 | 108 | 676 | 2627 | 2628 |
| 1451 | 147 | 622 | 2629 | 2630 |
| 1452 | 145 | 679 | 2631 | 2632 |
| 1453 | 184 | 625 | 2633 | 2634 |
| 1454 | 182 | 682 | 2635 | 2636 |
| 1455 | 221 | 628 | 2637 | 2638 |
| 1456 | 219 | 685 | 2639 | 2640 |
| 1457 | 258 | 631 | 2641 | 2642 |
| 1458 | 256 | 688 | 2643 | 2644 |
| 1459 | 597 | 634 | 2645 | 2646 |
| 1460 | 605 | 691 | 2647 | 2648 |
| 1461 | 593 | 2607 | 2649 | 2650 |
| 1462 | 601 | 2608 | 2651 | 2652 |
| 1463 | 295 | 640 | 2653 | 2654 |
| 1464 | 293 | 697 | 2655 | 2656 |
| 1465 | 332 | 643 | 2657 | 2658 |
| 1466 | 330 | 700 | 2659 | 2660 |
| 1467 | 369 | 646 | 2661 | 2662 |
| 1468 | 367 | 703 | 2663 | 2664 |
| 1469 | 406 | 649 | 2665 | 2666 |
| 1470 | 404 | 706 | 2667 | 2668 |
| 1471 | 443 | 652 | 2669 | 2670 |
| 1472 | 441 | 709 | 2671 | 2672 |
| 1473 | 480 | 655 | 2673 | 2674 |
| 1474 | 478 | 712 | 2675 | 2676 |
| 1475 | 517 | 658 | 2677 | 2678 |
| 1476 | 515 | 715 | 2679 | 2680 |
| 1477 | 554 | 661 | 2681 | 2682 |
| 1478 | 552 | 718 | 2683 | 2684 |
| 1479 | 2583 | 2609 | 2685 | 2686 |
| 1480 | 2584 | 2610 | 2687 | 2688 |
| 1481 | 2585 | 2567 | 2689 | 2690 |
| 1482 | 2570 | 2573 | 2691 | 2692 |
| 1483 | 2586 | 2576 | 2693 | 2694 |
| 1484 | 2587 | 2611 | 2695 | 2696 |
| 1485 | 2588 | 71 | 2697 | 2698 |
| 1486 | 2589 | 73 | 2699 | 2700 |
| 1487 | 2590 | 106 | 2701 | 2702 |
| 1488 | 2591 | 143 | 2703 | 2704 |
| 1489 | 2592 | 180 | 2705 | 2706 |
| 1490 | 2593 | 217 | 2707 | 2708 |
| 1491 | 2594 | 254 | 2709 | 2710 |
| 1492 | 2595 | 583 | 2711 | 2712 |
| 1493 | 2596 | 291 | 2713 | 2714 |
| 1494 | 2597 | 328 | 2715 | 2716 |
| 1495 | 2598 | 365 | 2717 | 2718 |
| 1496 | 2599 | 402 | 2719 | 2720 |
| 1497 | 2600 | 439 | 2721 | 2722 |
| 1498 | 2601 | 476 | 2723 | 2724 |
| 1499 | 2602 | 513 | 2725 | 2726 |
| 1500 | 2603 | 550 | 2727 | 2728 |
| 1501 | 2604 | 2612 | 2729 | 2730 |
| 1502 | 2605 | 610 | 2731 | 2732 |
| 1503 | 2606 | 667 | 2733 | 2734 |
| 1504 | 2607 | 637 | 2735 | 2736 |
| 1505 | 2608 | 694 | 2737 | 2738 |
| 1506 | 2609 | 664 | 2739 | 2740 |
| 1507 | 2610 | 2579 | 2741 | 2742 |

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED) |
|----------------|----------------------|---|
| | BMI21 | |
| | ELEMENTS | |
| 1 | 1 2 3 | |
| 2 | 4 5 6 | |
| 3 | 2 7 8 | |
| 4 | 5 9 10 | |
| 5 | 7 11 12 | |
| 6 | 11 9 13 | |
| 7 | 9 14 15 | |
| 8 | 16 7 17 | |
| 9 | 11 18 19 | |
| 10 | 18 21 28 | |
| 11 | 21 22 29 | |
| 12 | 22 23 30 | |

| | | | |
|-----|-----|-----|-----|
| 13 | 23 | 24 | 31 |
| 14 | 24 | 25 | 32 |
| 15 | 25 | 26 | 33 |
| 16 | 26 | 27 | 34 |
| 17 | 27 | 20 | 35 |
| 18 | 36 | 37 | 38 |
| 19 | 39 | 40 | 41 |
| 20 | 37 | 42 | 43 |
| 21 | 42 | 40 | 44 |
| 22 | 40 | 45 | 46 |
| 23 | 47 | 37 | 48 |
| 24 | 42 | 49 | 50 |
| 25 | 49 | 52 | 59 |
| 26 | 52 | 53 | 60 |
| 27 | 53 | 54 | 61 |
| 28 | 54 | 55 | 62 |
| 29 | 55 | 56 | 63 |
| 30 | 56 | 57 | 64 |
| 31 | 57 | 58 | 65 |
| 32 | 58 | 51 | 66 |
| 33 | 67 | 36 | 68 |
| 34 | 69 | 39 | 70 |
| 35 | 20 | 71 | 72 |
| 36 | 51 | 73 | 74 |
| 37 | 75 | 76 | 77 |
| 38 | 78 | 79 | 80 |
| 39 | 76 | 81 | 82 |
| 40 | 81 | 79 | 83 |
| 41 | 79 | 84 | 85 |
| 42 | 86 | 76 | 87 |
| 43 | 81 | 88 | 89 |
| 44 | 88 | 91 | 98 |
| 45 | 91 | 92 | 99 |
| 46 | 92 | 93 | 100 |
| 47 | 93 | 94 | 101 |
| 48 | 94 | 95 | 102 |
| 49 | 95 | 96 | 103 |
| 50 | 96 | 97 | 104 |
| 51 | 97 | 90 | 105 |
| 52 | 90 | 106 | 107 |
| 53 | 108 | 78 | 109 |
| 54 | 110 | 75 | 111 |
| 55 | 112 | 113 | 114 |
| 56 | 115 | 116 | 117 |
| 57 | 113 | 118 | 119 |
| 58 | 118 | 116 | 120 |
| 59 | 116 | 121 | 122 |
| 60 | 123 | 113 | 124 |
| 61 | 118 | 125 | 126 |
| 62 | 125 | 128 | 135 |
| 63 | 128 | 129 | 136 |
| 64 | 129 | 130 | 137 |
| 65 | 130 | 131 | 138 |
| 66 | 131 | 132 | 139 |
| 67 | 132 | 133 | 140 |
| 68 | 133 | 134 | 141 |
| 69 | 134 | 127 | 142 |
| 70 | 127 | 143 | 144 |
| 71 | 145 | 115 | 146 |
| 72 | 147 | 112 | 148 |
| 73 | 149 | 150 | 151 |
| 74 | 152 | 153 | 154 |
| 75 | 150 | 155 | 156 |
| 76 | 155 | 153 | 157 |
| 77 | 153 | 158 | 159 |
| 78 | 160 | 150 | 161 |
| 79 | 155 | 162 | 163 |
| 80 | 162 | 165 | 172 |
| 81 | 165 | 166 | 173 |
| 82 | 166 | 167 | 174 |
| 83 | 167 | 168 | 175 |
| 84 | 168 | 169 | 176 |
| 85 | 169 | 170 | 177 |
| 86 | 170 | 171 | 178 |
| 87 | 171 | 164 | 179 |
| 88 | 164 | 180 | 181 |
| 89 | 182 | 152 | 183 |
| 90 | 184 | 149 | 185 |
| 91 | 186 | 187 | 188 |
| 92 | 189 | 190 | 191 |
| 93 | 187 | 192 | 193 |
| 94 | 192 | 190 | 194 |
| 95 | 190 | 195 | 196 |
| 96 | 197 | 187 | 198 |
| 97 | 192 | 199 | 200 |
| 98 | 199 | 202 | 209 |
| 99 | 202 | 203 | 210 |
| 100 | 203 | 204 | 211 |
| 101 | 204 | 205 | 212 |
| 102 | 205 | 206 | 213 |
| 103 | 206 | 207 | 214 |
| 104 | 207 | 208 | 215 |
| 105 | 208 | 201 | 216 |
| 106 | 201 | 217 | 218 |
| 107 | 219 | 189 | 220 |
| 108 | 221 | 186 | 222 |
| 109 | 223 | 224 | 225 |
| 110 | 226 | 227 | 228 |
| 111 | 224 | 229 | 230 |
| 112 | 229 | 227 | 231 |
| 113 | 227 | 232 | 233 |
| 114 | 234 | 224 | 235 |
| 115 | 229 | 236 | 237 |
| 116 | 236 | 239 | 246 |
| 117 | 239 | 240 | 247 |

| | | | |
|-----|-----|-----|-----|
| 118 | 240 | 241 | 248 |
| 119 | 241 | 242 | 249 |
| 120 | 242 | 243 | 250 |
| 121 | 243 | 244 | 251 |
| 122 | 244 | 245 | 252 |
| 123 | 245 | 238 | 253 |
| 124 | 238 | 254 | 255 |
| 125 | 256 | 226 | 257 |
| 126 | 258 | 223 | 259 |
| 127 | 260 | 261 | 262 |
| 128 | 263 | 264 | 265 |
| 129 | 261 | 266 | 267 |
| 130 | 266 | 264 | 268 |
| 131 | 264 | 269 | 270 |
| 132 | 271 | 261 | 272 |
| 133 | 266 | 273 | 274 |
| 134 | 273 | 276 | 283 |
| 135 | 276 | 277 | 284 |
| 136 | 277 | 278 | 285 |
| 137 | 278 | 279 | 286 |
| 138 | 279 | 280 | 287 |
| 139 | 280 | 281 | 288 |
| 140 | 281 | 282 | 289 |
| 141 | 282 | 275 | 290 |
| 142 | 275 | 291 | 292 |
| 143 | 293 | 263 | 294 |
| 144 | 295 | 260 | 296 |
| 145 | 297 | 298 | 299 |
| 146 | 300 | 301 | 302 |
| 147 | 298 | 303 | 304 |
| 148 | 303 | 301 | 305 |
| 149 | 301 | 306 | 307 |
| 150 | 308 | 298 | 309 |
| 151 | 303 | 310 | 311 |
| 152 | 310 | 313 | 320 |
| 153 | 313 | 314 | 321 |
| 154 | 314 | 315 | 322 |
| 155 | 315 | 316 | 323 |
| 156 | 316 | 317 | 324 |
| 157 | 317 | 318 | 325 |
| 158 | 318 | 319 | 326 |
| 159 | 319 | 312 | 327 |
| 160 | 312 | 328 | 329 |
| 161 | 330 | 300 | 331 |
| 162 | 332 | 297 | 333 |
| 163 | 334 | 335 | 336 |
| 164 | 337 | 338 | 339 |
| 165 | 335 | 340 | 341 |
| 166 | 340 | 338 | 342 |
| 167 | 338 | 343 | 344 |
| 168 | 345 | 335 | 346 |
| 169 | 340 | 347 | 348 |
| 170 | 347 | 350 | 357 |
| 171 | 350 | 351 | 358 |
| 172 | 351 | 352 | 359 |
| 173 | 352 | 353 | 360 |
| 174 | 353 | 354 | 361 |
| 175 | 354 | 355 | 362 |
| 176 | 355 | 356 | 363 |
| 177 | 356 | 349 | 364 |
| 178 | 349 | 365 | 366 |
| 179 | 367 | 337 | 368 |
| 180 | 369 | 334 | 370 |
| 181 | 371 | 372 | 373 |
| 182 | 374 | 375 | 376 |
| 183 | 372 | 377 | 378 |
| 184 | 377 | 375 | 379 |
| 185 | 375 | 380 | 381 |
| 186 | 382 | 372 | 383 |
| 187 | 377 | 384 | 385 |
| 188 | 384 | 387 | 394 |
| 189 | 387 | 388 | 395 |
| 190 | 388 | 389 | 396 |
| 191 | 389 | 390 | 397 |
| 192 | 390 | 391 | 398 |
| 193 | 391 | 392 | 399 |
| 194 | 392 | 393 | 400 |
| 195 | 393 | 386 | 401 |
| 196 | 386 | 402 | 403 |
| 197 | 404 | 374 | 405 |
| 198 | 406 | 371 | 407 |
| 199 | 408 | 409 | 410 |
| 200 | 411 | 412 | 413 |
| 201 | 409 | 414 | 415 |
| 202 | 414 | 412 | 416 |
| 203 | 412 | 417 | 418 |
| 204 | 419 | 409 | 420 |
| 205 | 414 | 421 | 422 |
| 206 | 421 | 424 | 431 |
| 207 | 424 | 425 | 432 |
| 208 | 425 | 426 | 433 |
| 209 | 426 | 427 | 434 |
| 210 | 427 | 428 | 435 |
| 211 | 428 | 429 | 436 |
| 212 | 429 | 430 | 437 |
| 213 | 430 | 423 | 438 |
| 214 | 423 | 439 | 440 |
| 215 | 441 | 411 | 442 |
| 216 | 443 | 408 | 444 |
| 217 | 445 | 446 | 447 |
| 218 | 448 | 449 | 450 |
| 219 | 446 | 451 | 452 |
| 220 | 451 | 449 | 453 |
| 221 | 449 | 454 | 455 |
| 222 | 456 | 446 | 457 |

| | | | |
|-----|-----|-----|-----|
| 223 | 451 | 458 | 459 |
| 224 | 458 | 461 | 468 |
| 225 | 461 | 462 | 469 |
| 226 | 462 | 463 | 470 |
| 227 | 463 | 464 | 471 |
| 228 | 464 | 465 | 472 |
| 229 | 465 | 466 | 473 |
| 230 | 466 | 467 | 474 |
| 231 | 467 | 460 | 475 |
| 232 | 460 | 476 | 477 |
| 233 | 478 | 448 | 479 |
| 234 | 480 | 445 | 481 |
| 235 | 482 | 483 | 484 |
| 236 | 485 | 486 | 487 |
| 237 | 483 | 488 | 489 |
| 238 | 488 | 486 | 490 |
| 239 | 486 | 491 | 492 |
| 240 | 493 | 483 | 494 |
| 241 | 488 | 495 | 496 |
| 242 | 495 | 498 | 505 |
| 243 | 498 | 499 | 506 |
| 244 | 499 | 500 | 507 |
| 245 | 500 | 501 | 508 |
| 246 | 501 | 502 | 509 |
| 247 | 502 | 503 | 510 |
| 248 | 503 | 504 | 511 |
| 249 | 504 | 497 | 512 |
| 250 | 497 | 513 | 514 |
| 251 | 515 | 485 | 516 |
| 252 | 517 | 482 | 518 |
| 253 | 519 | 520 | 521 |
| 254 | 522 | 523 | 524 |
| 255 | 520 | 525 | 526 |
| 256 | 525 | 523 | 527 |
| 257 | 523 | 528 | 529 |
| 258 | 530 | 520 | 531 |
| 259 | 525 | 532 | 533 |
| 260 | 532 | 535 | 542 |
| 261 | 535 | 536 | 543 |
| 262 | 536 | 537 | 544 |
| 263 | 537 | 538 | 545 |
| 264 | 538 | 539 | 546 |
| 265 | 539 | 540 | 547 |
| 266 | 540 | 541 | 548 |
| 267 | 541 | 534 | 549 |
| 268 | 534 | 550 | 551 |
| 269 | 552 | 522 | 553 |
| 270 | 554 | 519 | 555 |
| 271 | 556 | 557 | 558 |
| 272 | 557 | 559 | 560 |
| 273 | 559 | 561 | 562 |
| 274 | 563 | 556 | 564 |
| 275 | 557 | 565 | 566 |
| 276 | 565 | 568 | 575 |
| 277 | 568 | 569 | 576 |
| 278 | 569 | 570 | 577 |
| 279 | 570 | 571 | 578 |
| 280 | 571 | 572 | 579 |
| 281 | 572 | 573 | 580 |
| 282 | 573 | 574 | 581 |
| 283 | 574 | 567 | 582 |
| 284 | 567 | 583 | 584 |
| 285 | 585 | 559 | 586 |
| 286 | 559 | 587 | 588 |
| 287 | 589 | 556 | 590 |
| 288 | 556 | 591 | 592 |
| 289 | 593 | 594 | 595 |
| 290 | 594 | 591 | 596 |
| 291 | 597 | 598 | 599 |
| 292 | 598 | 589 | 600 |
| 293 | 601 | 602 | 603 |
| 294 | 602 | 587 | 604 |
| 295 | 605 | 606 | 607 |
| 296 | 606 | 585 | 608 |
| 297 | 609 | 610 | 611 |
| 298 | 612 | 613 | 614 |
| 299 | 615 | 616 | 617 |
| 300 | 618 | 619 | 620 |
| 301 | 621 | 622 | 623 |
| 302 | 624 | 625 | 626 |
| 303 | 627 | 628 | 629 |
| 304 | 630 | 631 | 632 |
| 305 | 633 | 634 | 635 |
| 306 | 636 | 637 | 638 |
| 307 | 639 | 640 | 641 |
| 308 | 642 | 643 | 644 |
| 309 | 645 | 646 | 647 |
| 310 | 648 | 649 | 650 |
| 311 | 651 | 652 | 653 |
| 312 | 654 | 655 | 656 |
| 313 | 657 | 658 | 659 |
| 314 | 660 | 661 | 662 |
| 315 | 663 | 664 | 665 |
| 316 | 666 | 667 | 668 |
| 317 | 669 | 670 | 671 |
| 318 | 672 | 673 | 674 |
| 319 | 675 | 676 | 677 |
| 320 | 678 | 679 | 680 |
| 321 | 681 | 682 | 683 |
| 322 | 684 | 685 | 686 |
| 323 | 687 | 688 | 689 |
| 324 | 690 | 691 | 692 |
| 325 | 693 | 694 | 695 |
| 326 | 696 | 697 | 698 |
| 327 | 699 | 700 | 701 |

| | | | |
|-----|------|------|------|
| 328 | 702 | 703 | 704 |
| 329 | 705 | 706 | 707 |
| 330 | 708 | 709 | 710 |
| 331 | 711 | 712 | 713 |
| 332 | 714 | 715 | 716 |
| 333 | 717 | 718 | 719 |
| 334 | 666 | 609 | 720 |
| 335 | 711 | 654 | 721 |
| 336 | 714 | 657 | 722 |
| 337 | 717 | 660 | 723 |
| 338 | 724 | 663 | 725 |
| 339 | 726 | 727 | 728 |
| 340 | 729 | 730 | 731 |
| 341 | 732 | 733 | 734 |
| 342 | 735 | 736 | 737 |
| 343 | 738 | 739 | 740 |
| 344 | 741 | 742 | 743 |
| 345 | 744 | 745 | 746 |
| 346 | 747 | 748 | 749 |
| 347 | 750 | 751 | 752 |
| 348 | 753 | 754 | 755 |
| 349 | 756 | 757 | 758 |
| 350 | 759 | 760 | 761 |
| 351 | 762 | 763 | 764 |
| 352 | 765 | 766 | 767 |
| 353 | 768 | 769 | 770 |
| 354 | 771 | 772 | 773 |
| 355 | 774 | 775 | 776 |
| 356 | 777 | 778 | 779 |
| 357 | 780 | 781 | 782 |
| 358 | 783 | 784 | 785 |
| 359 | 786 | 787 | 788 |
| 360 | 789 | 790 | 791 |
| 361 | 792 | 793 | 794 |
| 362 | 795 | 796 | 797 |
| 363 | 798 | 799 | 800 |
| 364 | 801 | 802 | 803 |
| 365 | 804 | 805 | 806 |
| 366 | 807 | 808 | 809 |
| 367 | 810 | 811 | 812 |
| 368 | 813 | 814 | 815 |
| 369 | 816 | 817 | 818 |
| 370 | 819 | 820 | 821 |
| 371 | 822 | 823 | 824 |
| 372 | 825 | 826 | 827 |
| 373 | 828 | 829 | 830 |
| 374 | 831 | 832 | 833 |
| 375 | 834 | 835 | 836 |
| 376 | 837 | 838 | 839 |
| 377 | 840 | 841 | 842 |
| 378 | 843 | 844 | 845 |
| 379 | 846 | 847 | 848 |
| 380 | 849 | 850 | 851 |
| 381 | 852 | 853 | 854 |
| 382 | 855 | 856 | 857 |
| 383 | 858 | 859 | 860 |
| 384 | 861 | 862 | 863 |
| 385 | 864 | 865 | 866 |
| 386 | 867 | 868 | 869 |
| 387 | 870 | 871 | 872 |
| 388 | 873 | 874 | 875 |
| 389 | 876 | 877 | 878 |
| 390 | 879 | 880 | 881 |
| 391 | 882 | 883 | 884 |
| 392 | 885 | 886 | 887 |
| 393 | 888 | 889 | 890 |
| 394 | 891 | 892 | 893 |
| 395 | 894 | 895 | 896 |
| 396 | 897 | 898 | 899 |
| 397 | 900 | 901 | 902 |
| 398 | 903 | 904 | 905 |
| 399 | 906 | 907 | 908 |
| 400 | 909 | 910 | 911 |
| 401 | 912 | 913 | 914 |
| 402 | 915 | 916 | 917 |
| 403 | 918 | 919 | 920 |
| 404 | 921 | 922 | 923 |
| 405 | 924 | 925 | 926 |
| 406 | 927 | 928 | 929 |
| 407 | 930 | 931 | 932 |
| 408 | 933 | 934 | 935 |
| 409 | 936 | 937 | 938 |
| 410 | 939 | 940 | 941 |
| 411 | 942 | 943 | 944 |
| 412 | 945 | 946 | 947 |
| 413 | 948 | 949 | 950 |
| 414 | 951 | 952 | 953 |
| 415 | 954 | 955 | 956 |
| 416 | 957 | 958 | 959 |
| 417 | 960 | 961 | 962 |
| 418 | 963 | 964 | 965 |
| 419 | 966 | 967 | 968 |
| 420 | 969 | 970 | 971 |
| 421 | 972 | 973 | 974 |
| 422 | 975 | 976 | 977 |
| 423 | 978 | 979 | 980 |
| 424 | 981 | 982 | 983 |
| 425 | 984 | 985 | 986 |
| 426 | 987 | 988 | 989 |
| 427 | 990 | 991 | 992 |
| 428 | 993 | 994 | 995 |
| 429 | 996 | 997 | 998 |
| 430 | 999 | 1000 | 1001 |
| 431 | 1002 | 1003 | 1004 |
| 432 | 1005 | 1006 | 1007 |

| | | | |
|-----|------|------|------|
| 433 | 1008 | 1009 | 1010 |
| 434 | 1011 | 1012 | 1013 |
| 435 | 1014 | 1015 | 1016 |
| 436 | 1017 | 1018 | 1019 |
| 437 | 1020 | 1021 | 1022 |
| 438 | 1023 | 1024 | 1025 |
| 439 | 1026 | 1027 | 1028 |
| 440 | 1029 | 1030 | 1031 |
| 441 | 1032 | 1033 | 1034 |
| 442 | 1035 | 1036 | 1037 |
| 443 | 1038 | 1039 | 1040 |
| 444 | 1041 | 1042 | 1043 |
| 445 | 1044 | 1045 | 1046 |
| 446 | 1047 | 1048 | 1049 |
| 447 | 1050 | 1051 | 1052 |
| 448 | 1053 | 1054 | 1055 |
| 449 | 1056 | 1057 | 1058 |
| 450 | 1059 | 1060 | 1061 |
| 451 | 1062 | 1063 | 1064 |
| 452 | 1065 | 1066 | 1067 |
| 453 | 1068 | 1069 | 1070 |
| 454 | 1071 | 1072 | 1073 |
| 455 | 1074 | 1075 | 1076 |
| 456 | 1077 | 1078 | 1079 |
| 457 | 1080 | 1081 | 1082 |
| 458 | 1083 | 1084 | 1085 |
| 459 | 1086 | 1087 | 1088 |
| 460 | 1089 | 1090 | 1091 |
| 461 | 1092 | 1093 | 1094 |
| 462 | 1095 | 1096 | 1097 |
| 463 | 1098 | 1099 | 1100 |
| 464 | 1101 | 1102 | 1103 |
| 465 | 1104 | 1105 | 1106 |
| 466 | 1107 | 1108 | 1109 |
| 467 | 1110 | 1111 | 1112 |
| 468 | 1113 | 1114 | 1115 |
| 469 | 1116 | 1117 | 1118 |
| 470 | 1119 | 1120 | 1121 |
| 471 | 1122 | 1123 | 1124 |
| 472 | 1125 | 1126 | 1127 |
| 473 | 1128 | 1129 | 1130 |
| 474 | 1131 | 1132 | 1133 |
| 475 | 1134 | 1135 | 1136 |
| 476 | 1137 | 1138 | 1139 |
| 477 | 1140 | 1141 | 1142 |
| 478 | 1143 | 1144 | 1145 |
| 479 | 1146 | 1147 | 1148 |
| 480 | 669 | 612 | 1149 |
| 481 | 672 | 615 | 1150 |
| 482 | 675 | 618 | 1151 |
| 483 | 678 | 621 | 1152 |
| 484 | 681 | 624 | 1153 |
| 485 | 684 | 627 | 1154 |
| 486 | 687 | 630 | 1155 |
| 487 | 690 | 633 | 1156 |
| 488 | 693 | 636 | 1157 |
| 489 | 696 | 639 | 1158 |
| 490 | 699 | 642 | 1159 |
| 491 | 702 | 645 | 1160 |
| 492 | 705 | 648 | 1161 |
| 493 | 708 | 651 | 1162 |
| 494 | 666 | 609 | 1163 |
| 495 | 711 | 654 | 1164 |
| 496 | 714 | 657 | 1165 |
| 497 | 717 | 660 | 1166 |
| 498 | 726 | 727 | 1167 |
| 499 | 729 | 730 | 1168 |
| 500 | 732 | 733 | 1169 |
| 501 | 735 | 736 | 1170 |
| 502 | 738 | 739 | 1171 |
| 503 | 741 | 742 | 1172 |
| 504 | 744 | 745 | 1173 |
| 505 | 747 | 748 | 1174 |
| 506 | 750 | 751 | 1175 |
| 507 | 753 | 754 | 1176 |
| 508 | 756 | 757 | 1177 |
| 509 | 759 | 760 | 1178 |
| 510 | 762 | 763 | 1179 |
| 511 | 765 | 766 | 1180 |
| 512 | 768 | 769 | 1181 |
| 513 | 771 | 772 | 1182 |
| 514 | 774 | 775 | 1183 |
| 515 | 777 | 778 | 1184 |
| 516 | 780 | 781 | 1185 |
| 517 | 783 | 784 | 1186 |
| 518 | 786 | 787 | 1187 |
| 519 | 789 | 790 | 1188 |
| 520 | 792 | 793 | 1189 |
| 521 | 795 | 796 | 1190 |
| 522 | 798 | 799 | 1191 |
| 523 | 801 | 802 | 1192 |
| 524 | 804 | 805 | 1193 |
| 525 | 807 | 808 | 1194 |
| 526 | 810 | 811 | 1195 |
| 527 | 813 | 814 | 1196 |
| 528 | 816 | 817 | 1197 |
| 529 | 819 | 820 | 1198 |
| 530 | 822 | 823 | 1199 |
| 531 | 825 | 826 | 1200 |
| 532 | 828 | 829 | 1201 |
| 533 | 831 | 832 | 1202 |
| 534 | 834 | 835 | 1203 |
| 535 | 837 | 838 | 1204 |
| 536 | 840 | 841 | 1205 |
| 537 | 843 | 844 | 1206 |

| | | | |
|-----|------|------|------|
| 538 | 846 | 847 | 1207 |
| 539 | 849 | 850 | 1208 |
| 540 | 852 | 853 | 1209 |
| 541 | 855 | 856 | 1210 |
| 542 | 858 | 859 | 1211 |
| 543 | 861 | 862 | 1212 |
| 544 | 864 | 865 | 1213 |
| 545 | 867 | 868 | 1214 |
| 546 | 870 | 871 | 1215 |
| 547 | 873 | 874 | 1216 |
| 548 | 876 | 877 | 1217 |
| 549 | 879 | 880 | 1218 |
| 550 | 882 | 883 | 1219 |
| 551 | 885 | 886 | 1220 |
| 552 | 888 | 889 | 1221 |
| 553 | 891 | 892 | 1222 |
| 554 | 894 | 895 | 1223 |
| 555 | 897 | 898 | 1224 |
| 556 | 900 | 901 | 1225 |
| 557 | 903 | 904 | 1226 |
| 558 | 906 | 907 | 1227 |
| 559 | 909 | 910 | 1228 |
| 560 | 912 | 913 | 1229 |
| 561 | 915 | 916 | 1230 |
| 562 | 918 | 919 | 1231 |
| 563 | 921 | 922 | 1232 |
| 564 | 924 | 925 | 1233 |
| 565 | 927 | 928 | 1234 |
| 566 | 930 | 931 | 1235 |
| 567 | 933 | 934 | 1236 |
| 568 | 936 | 937 | 1237 |
| 569 | 939 | 940 | 1238 |
| 570 | 942 | 943 | 1239 |
| 571 | 945 | 946 | 1240 |
| 572 | 948 | 949 | 1241 |
| 573 | 951 | 952 | 1242 |
| 574 | 954 | 955 | 1243 |
| 575 | 957 | 958 | 1244 |
| 576 | 960 | 961 | 1245 |
| 577 | 963 | 964 | 1246 |
| 578 | 966 | 967 | 1247 |
| 579 | 969 | 970 | 1248 |
| 580 | 972 | 973 | 1249 |
| 581 | 975 | 976 | 1250 |
| 582 | 978 | 979 | 1251 |
| 583 | 981 | 982 | 1252 |
| 584 | 984 | 985 | 1253 |
| 585 | 987 | 988 | 1254 |
| 586 | 990 | 991 | 1255 |
| 587 | 993 | 994 | 1256 |
| 588 | 996 | 997 | 1257 |
| 589 | 999 | 1000 | 1258 |
| 590 | 1002 | 1003 | 1259 |
| 591 | 1005 | 1006 | 1260 |
| 592 | 1008 | 1009 | 1261 |
| 593 | 1011 | 1012 | 1262 |
| 594 | 1014 | 1015 | 1263 |
| 595 | 1017 | 1018 | 1264 |
| 596 | 1020 | 1021 | 1265 |
| 597 | 1023 | 1024 | 1266 |
| 598 | 1026 | 1027 | 1267 |
| 599 | 1029 | 1030 | 1268 |
| 600 | 1032 | 1033 | 1269 |
| 601 | 1035 | 1036 | 1270 |
| 602 | 1038 | 1039 | 1271 |
| 603 | 1041 | 1042 | 1272 |
| 604 | 1044 | 1045 | 1273 |
| 605 | 1047 | 1048 | 1274 |
| 606 | 1050 | 1051 | 1275 |
| 607 | 1053 | 1054 | 1276 |
| 608 | 1056 | 1057 | 1277 |
| 609 | 1059 | 1060 | 1278 |
| 610 | 1062 | 1063 | 1279 |
| 611 | 1065 | 1066 | 1280 |
| 612 | 1068 | 1069 | 1281 |
| 613 | 1071 | 1072 | 1282 |
| 614 | 1074 | 1075 | 1283 |
| 615 | 1077 | 1078 | 1284 |
| 616 | 1080 | 1081 | 1285 |
| 617 | 1083 | 1084 | 1286 |
| 618 | 1086 | 1087 | 1287 |
| 619 | 1089 | 1090 | 1288 |
| 620 | 1092 | 1093 | 1289 |
| 621 | 1095 | 1096 | 1290 |
| 622 | 1098 | 1099 | 1291 |
| 623 | 1101 | 1102 | 1292 |
| 624 | 1104 | 1105 | 1293 |
| 625 | 1107 | 1108 | 1294 |
| 626 | 1110 | 1111 | 1295 |
| 627 | 1113 | 1114 | 1296 |
| 628 | 1116 | 1117 | 1297 |
| 629 | 1119 | 1120 | 1298 |
| 630 | 1122 | 1123 | 1299 |
| 631 | 1125 | 1126 | 1300 |
| 632 | 1128 | 1129 | 1301 |
| 633 | 1131 | 1132 | 1302 |
| 634 | 1134 | 1135 | 1303 |
| 635 | 1137 | 1138 | 1304 |
| 636 | 1140 | 1141 | 1305 |
| 637 | 1143 | 1144 | 1306 |
| 638 | 1146 | 1147 | 1307 |
| 639 | 669 | 612 | 1308 |
| 640 | 672 | 615 | 1309 |
| 641 | 675 | 618 | 1310 |
| 642 | 678 | 621 | 1311 |

| | | | |
|-----|------|------|------|
| 643 | 681 | 624 | 1312 |
| 644 | 684 | 627 | 1313 |
| 645 | 687 | 630 | 1314 |
| 646 | 690 | 633 | 1315 |
| 647 | 693 | 636 | 1316 |
| 648 | 696 | 639 | 1317 |
| 649 | 699 | 642 | 1318 |
| 650 | 702 | 645 | 1319 |
| 651 | 705 | 648 | 1320 |
| 652 | 708 | 651 | 1321 |
| 653 | 609 | 1322 | 1323 |
| 654 | 654 | 1324 | 1325 |
| 655 | 657 | 1326 | 1327 |
| 656 | 727 | 1328 | 1329 |
| 657 | 730 | 1330 | 1331 |
| 658 | 733 | 1332 | 1333 |
| 659 | 736 | 1334 | 1335 |
| 660 | 739 | 1336 | 1337 |
| 661 | 742 | 1338 | 1339 |
| 662 | 745 | 1340 | 1341 |
| 663 | 748 | 1342 | 1343 |
| 664 | 751 | 1344 | 1345 |
| 665 | 754 | 1346 | 1347 |
| 666 | 757 | 1348 | 1349 |
| 667 | 760 | 1350 | 1351 |
| 668 | 763 | 1352 | 1353 |
| 669 | 766 | 1354 | 1355 |
| 670 | 769 | 1356 | 1357 |
| 671 | 772 | 1358 | 1359 |
| 672 | 775 | 1360 | 1361 |
| 673 | 778 | 1362 | 1363 |
| 674 | 799 | 1364 | 1365 |
| 675 | 802 | 1366 | 1367 |
| 676 | 805 | 1368 | 1369 |
| 677 | 808 | 1370 | 1371 |
| 678 | 811 | 1372 | 1373 |
| 679 | 814 | 1374 | 1375 |
| 680 | 817 | 1376 | 1377 |
| 681 | 820 | 1378 | 1379 |
| 682 | 823 | 1380 | 1381 |
| 683 | 826 | 1382 | 1383 |
| 684 | 829 | 1384 | 1385 |
| 685 | 832 | 1386 | 1387 |
| 686 | 835 | 1388 | 1389 |
| 687 | 838 | 1390 | 1391 |
| 688 | 841 | 1392 | 1393 |
| 689 | 844 | 1394 | 1395 |
| 690 | 847 | 1396 | 1397 |
| 691 | 850 | 1398 | 1399 |
| 692 | 853 | 1400 | 1401 |
| 693 | 856 | 1402 | 1403 |
| 694 | 859 | 1404 | 1405 |
| 695 | 862 | 1406 | 1407 |
| 696 | 865 | 1408 | 1409 |
| 697 | 868 | 1410 | 1411 |
| 698 | 871 | 1412 | 1413 |
| 699 | 874 | 1414 | 1415 |
| 700 | 877 | 1416 | 1417 |
| 701 | 880 | 1418 | 1419 |
| 702 | 883 | 1420 | 1421 |
| 703 | 886 | 1422 | 1423 |
| 704 | 889 | 1424 | 1425 |
| 705 | 892 | 1426 | 1427 |
| 706 | 895 | 1428 | 1429 |
| 707 | 898 | 1430 | 1431 |
| 708 | 901 | 1432 | 1433 |
| 709 | 904 | 1434 | 1435 |
| 710 | 907 | 1436 | 1437 |
| 711 | 910 | 1438 | 1439 |
| 712 | 913 | 1440 | 1441 |
| 713 | 916 | 1442 | 1443 |
| 714 | 919 | 1444 | 1445 |
| 715 | 922 | 1446 | 1447 |
| 716 | 925 | 1448 | 1449 |
| 717 | 928 | 1450 | 1451 |
| 718 | 931 | 1452 | 1453 |
| 719 | 934 | 1454 | 1455 |
| 720 | 937 | 1456 | 1457 |
| 721 | 940 | 1458 | 1459 |
| 722 | 943 | 1460 | 1461 |
| 723 | 946 | 1462 | 1463 |
| 724 | 949 | 1464 | 1465 |
| 725 | 952 | 1466 | 1467 |
| 726 | 955 | 1468 | 1469 |
| 727 | 958 | 1470 | 1471 |
| 728 | 961 | 1472 | 1473 |
| 729 | 964 | 1474 | 1475 |
| 730 | 967 | 1476 | 1477 |
| 731 | 970 | 1478 | 1479 |
| 732 | 973 | 1480 | 1481 |
| 733 | 976 | 1482 | 1483 |
| 734 | 979 | 1484 | 1485 |
| 735 | 982 | 1486 | 1487 |
| 736 | 985 | 1488 | 1489 |
| 737 | 988 | 1490 | 1491 |
| 738 | 991 | 1492 | 1493 |
| 739 | 994 | 1494 | 1495 |
| 740 | 997 | 1496 | 1497 |
| 741 | 1000 | 1498 | 1499 |
| 742 | 1003 | 1500 | 1501 |
| 743 | 1006 | 1502 | 1503 |
| 744 | 1009 | 1504 | 1505 |
| 745 | 1012 | 1506 | 1507 |
| 746 | 1015 | 1508 | 1509 |
| 747 | 1018 | 1510 | 1511 |

| | | | |
|-----|------|------|------|
| 748 | 1021 | 1512 | 1513 |
| 749 | 1024 | 1514 | 1515 |
| 750 | 1027 | 1516 | 1517 |
| 751 | 1030 | 1518 | 1519 |
| 752 | 1033 | 1520 | 1521 |
| 753 | 1036 | 1522 | 1523 |
| 754 | 1039 | 1524 | 1525 |
| 755 | 1042 | 1526 | 1527 |
| 756 | 1045 | 1528 | 1529 |
| 757 | 1048 | 1530 | 1531 |
| 758 | 1051 | 1532 | 1533 |
| 759 | 1054 | 1534 | 1535 |
| 760 | 1057 | 1536 | 1537 |
| 761 | 1060 | 1538 | 1539 |
| 762 | 1063 | 1540 | 1541 |
| 763 | 1066 | 1542 | 1543 |
| 764 | 1069 | 1544 | 1545 |
| 765 | 1072 | 1546 | 1547 |
| 766 | 1075 | 1548 | 1549 |
| 767 | 1078 | 1550 | 1551 |
| 768 | 1081 | 1552 | 1553 |
| 769 | 1084 | 1554 | 1555 |
| 770 | 1087 | 1556 | 1557 |
| 771 | 1090 | 1558 | 1559 |
| 772 | 1093 | 1560 | 1561 |
| 773 | 1096 | 1562 | 1563 |
| 774 | 1099 | 1564 | 1565 |
| 775 | 1102 | 1566 | 1567 |
| 776 | 1105 | 1568 | 1569 |
| 777 | 1108 | 1570 | 1571 |
| 778 | 1111 | 1572 | 1573 |
| 779 | 1114 | 1574 | 1575 |
| 780 | 1117 | 1576 | 1577 |
| 781 | 1120 | 1578 | 1579 |
| 782 | 1123 | 1580 | 1581 |
| 783 | 1126 | 1582 | 1583 |
| 784 | 1129 | 1584 | 1585 |
| 785 | 1132 | 1586 | 1587 |
| 786 | 1135 | 1588 | 1589 |
| 787 | 1138 | 1590 | 1591 |
| 788 | 1141 | 1592 | 1593 |
| 789 | 1144 | 1594 | 1595 |
| 790 | 1147 | 1596 | 1597 |
| 791 | 612 | 1598 | 1599 |
| 792 | 615 | 1600 | 1601 |
| 793 | 618 | 1602 | 1603 |
| 794 | 621 | 1604 | 1605 |
| 795 | 624 | 1606 | 1607 |
| 796 | 627 | 1608 | 1609 |
| 797 | 630 | 1610 | 1611 |
| 798 | 633 | 1612 | 1613 |
| 799 | 636 | 1614 | 1615 |
| 800 | 639 | 1616 | 1617 |
| 801 | 642 | 1618 | 1619 |
| 802 | 645 | 1620 | 1621 |
| 803 | 648 | 1622 | 1623 |
| 804 | 651 | 1624 | 1625 |
| 805 | 1626 | 1627 | 1628 |
| 806 | 1629 | 1630 | 1631 |
| 807 | 1632 | 1633 | 1634 |
| 808 | 1635 | 1636 | 1637 |
| 809 | 666 | 1638 | 1639 |
| 810 | 711 | 1640 | 1641 |
| 811 | 714 | 1642 | 1643 |
| 812 | 726 | 1644 | 1645 |
| 813 | 729 | 1646 | 1647 |
| 814 | 732 | 1648 | 1649 |
| 815 | 735 | 1650 | 1651 |
| 816 | 738 | 1652 | 1653 |
| 817 | 741 | 1654 | 1655 |
| 818 | 744 | 1656 | 1657 |
| 819 | 747 | 1658 | 1659 |
| 820 | 750 | 1660 | 1661 |
| 821 | 753 | 1662 | 1663 |
| 822 | 756 | 1664 | 1665 |
| 823 | 759 | 1666 | 1667 |
| 824 | 762 | 1668 | 1669 |
| 825 | 765 | 1670 | 1671 |
| 826 | 768 | 1672 | 1673 |
| 827 | 771 | 1674 | 1675 |
| 828 | 774 | 1676 | 1677 |
| 829 | 777 | 1678 | 1679 |
| 830 | 798 | 1680 | 1681 |
| 831 | 801 | 1682 | 1683 |
| 832 | 804 | 1684 | 1685 |
| 833 | 807 | 1686 | 1687 |
| 834 | 810 | 1688 | 1689 |
| 835 | 813 | 1690 | 1691 |
| 836 | 816 | 1692 | 1693 |
| 837 | 819 | 1694 | 1695 |
| 838 | 822 | 1696 | 1697 |
| 839 | 825 | 1698 | 1699 |
| 840 | 828 | 1700 | 1701 |
| 841 | 831 | 1702 | 1703 |
| 842 | 834 | 1704 | 1705 |
| 843 | 837 | 1706 | 1707 |
| 844 | 840 | 1708 | 1709 |
| 845 | 843 | 1710 | 1711 |
| 846 | 846 | 1712 | 1713 |
| 847 | 849 | 1714 | 1715 |
| 848 | 852 | 1716 | 1717 |
| 849 | 855 | 1718 | 1719 |
| 850 | 858 | 1720 | 1721 |
| 851 | 861 | 1722 | 1723 |
| 852 | 864 | 1724 | 1725 |

| | | | |
|-----|------|------|------|
| 853 | 867 | 1726 | 1727 |
| 854 | 870 | 1728 | 1729 |
| 855 | 873 | 1730 | 1731 |
| 856 | 876 | 1732 | 1733 |
| 857 | 879 | 1734 | 1735 |
| 858 | 882 | 1736 | 1737 |
| 859 | 885 | 1738 | 1739 |
| 860 | 888 | 1740 | 1741 |
| 861 | 891 | 1742 | 1743 |
| 862 | 894 | 1744 | 1745 |
| 863 | 897 | 1746 | 1747 |
| 864 | 900 | 1748 | 1749 |
| 865 | 903 | 1750 | 1751 |
| 866 | 906 | 1752 | 1753 |
| 867 | 909 | 1754 | 1755 |
| 868 | 912 | 1756 | 1757 |
| 869 | 915 | 1758 | 1759 |
| 870 | 918 | 1760 | 1761 |
| 871 | 921 | 1762 | 1763 |
| 872 | 924 | 1764 | 1765 |
| 873 | 927 | 1766 | 1767 |
| 874 | 930 | 1768 | 1769 |
| 875 | 933 | 1770 | 1771 |
| 876 | 936 | 1772 | 1773 |
| 877 | 939 | 1774 | 1775 |
| 878 | 942 | 1776 | 1777 |
| 879 | 945 | 1778 | 1779 |
| 880 | 948 | 1780 | 1781 |
| 881 | 951 | 1782 | 1783 |
| 882 | 954 | 1784 | 1785 |
| 883 | 957 | 1786 | 1787 |
| 884 | 960 | 1788 | 1789 |
| 885 | 963 | 1790 | 1791 |
| 886 | 966 | 1792 | 1793 |
| 887 | 969 | 1794 | 1795 |
| 888 | 972 | 1796 | 1797 |
| 889 | 975 | 1798 | 1799 |
| 890 | 978 | 1800 | 1801 |
| 891 | 981 | 1802 | 1803 |
| 892 | 984 | 1804 | 1805 |
| 893 | 987 | 1806 | 1807 |
| 894 | 990 | 1808 | 1809 |
| 895 | 993 | 1810 | 1811 |
| 896 | 996 | 1812 | 1813 |
| 897 | 999 | 1814 | 1815 |
| 898 | 1002 | 1816 | 1817 |
| 899 | 1005 | 1818 | 1819 |
| 900 | 1008 | 1820 | 1821 |
| 901 | 1011 | 1822 | 1823 |
| 902 | 1014 | 1824 | 1825 |
| 903 | 1017 | 1826 | 1827 |
| 904 | 1020 | 1828 | 1829 |
| 905 | 1023 | 1830 | 1831 |
| 906 | 1026 | 1832 | 1833 |
| 907 | 1029 | 1834 | 1835 |
| 908 | 1032 | 1836 | 1837 |
| 909 | 1035 | 1838 | 1839 |
| 910 | 1038 | 1840 | 1841 |
| 911 | 1041 | 1842 | 1843 |
| 912 | 1044 | 1844 | 1845 |
| 913 | 1047 | 1846 | 1847 |
| 914 | 1050 | 1848 | 1849 |
| 915 | 1053 | 1850 | 1851 |
| 916 | 1056 | 1852 | 1853 |
| 917 | 1059 | 1854 | 1855 |
| 918 | 1062 | 1856 | 1857 |
| 919 | 1065 | 1858 | 1859 |
| 920 | 1068 | 1860 | 1861 |
| 921 | 1071 | 1862 | 1863 |
| 922 | 1074 | 1864 | 1865 |
| 923 | 1077 | 1866 | 1867 |
| 924 | 1080 | 1868 | 1869 |
| 925 | 1083 | 1870 | 1871 |
| 926 | 1086 | 1872 | 1873 |
| 927 | 1089 | 1874 | 1875 |
| 928 | 1092 | 1876 | 1877 |
| 929 | 1095 | 1878 | 1879 |
| 930 | 1098 | 1880 | 1881 |
| 931 | 1101 | 1882 | 1883 |
| 932 | 1104 | 1884 | 1885 |
| 933 | 1107 | 1886 | 1887 |
| 934 | 1110 | 1888 | 1889 |
| 935 | 1113 | 1890 | 1891 |
| 936 | 1116 | 1892 | 1893 |
| 937 | 1119 | 1894 | 1895 |
| 938 | 1122 | 1896 | 1897 |
| 939 | 1125 | 1898 | 1899 |
| 940 | 1128 | 1900 | 1901 |
| 941 | 1131 | 1902 | 1903 |
| 942 | 1134 | 1904 | 1905 |
| 943 | 1137 | 1906 | 1907 |
| 944 | 1140 | 1908 | 1909 |
| 945 | 1143 | 1910 | 1911 |
| 946 | 1146 | 1912 | 1913 |
| 947 | 669 | 1914 | 1915 |
| 948 | 672 | 1916 | 1917 |
| 949 | 675 | 1918 | 1919 |
| 950 | 678 | 1920 | 1921 |
| 951 | 681 | 1922 | 1923 |
| 952 | 684 | 1924 | 1925 |
| 953 | 687 | 1926 | 1927 |
| 954 | 690 | 1928 | 1929 |
| 955 | 693 | 1930 | 1931 |
| 956 | 696 | 1932 | 1933 |
| 957 | 699 | 1934 | 1935 |

| | | | |
|------|------|------|------|
| 958 | 702 | 1936 | 1937 |
| 959 | 705 | 1938 | 1939 |
| 960 | 708 | 1940 | 1941 |
| 961 | 1942 | 1943 | 1944 |
| 962 | 1945 | 1946 | 1947 |
| 963 | 1948 | 1949 | 1950 |
| 964 | 1951 | 1952 | 1953 |
| 965 | 717 | 1954 | 1955 |
| 966 | 780 | 1956 | 1957 |
| 967 | 783 | 1958 | 1959 |
| 968 | 724 | 663 | 1960 |
| 969 | 786 | 1961 | 1962 |
| 970 | 789 | 1963 | 1964 |
| 971 | 792 | 1965 | 1966 |
| 972 | 795 | 1967 | 1968 |
| 973 | 724 | 1969 | 1970 |
| 974 | 660 | 1971 | 1972 |
| 975 | 781 | 1973 | 1974 |
| 976 | 784 | 1975 | 1976 |
| 977 | 787 | 1977 | 1978 |
| 978 | 790 | 1979 | 1980 |
| 979 | 793 | 1981 | 1982 |
| 980 | 796 | 1983 | 1984 |
| 981 | 663 | 1985 | 1986 |
| 982 | 1987 | 796 | 1988 |
| 983 | 796 | 663 | 1989 |
| 984 | 1990 | 790 | 1991 |
| 985 | 793 | 1987 | 1992 |
| 986 | 790 | 793 | 1993 |
| 987 | 1994 | 784 | 1995 |
| 988 | 787 | 1990 | 1996 |
| 989 | 784 | 787 | 1997 |
| 990 | 660 | 781 | 1998 |
| 991 | 781 | 1994 | 1999 |
| 992 | 2000 | 1147 | 2001 |
| 993 | 1147 | 660 | 2002 |
| 994 | 2003 | 1141 | 2004 |
| 995 | 1144 | 2000 | 2005 |
| 996 | 1141 | 1144 | 2006 |
| 997 | 2007 | 1132 | 2008 |
| 998 | 1138 | 2003 | 2009 |
| 999 | 1135 | 1138 | 2010 |
| 1000 | 1132 | 1135 | 2011 |
| 1001 | 2012 | 1126 | 2013 |
| 1002 | 1129 | 2007 | 2014 |
| 1003 | 1126 | 1129 | 2015 |
| 1004 | 657 | 1123 | 2016 |
| 1005 | 1123 | 2012 | 2017 |
| 1006 | 2018 | 1120 | 2019 |
| 1007 | 1120 | 657 | 2020 |
| 1008 | 2021 | 1114 | 2022 |
| 1009 | 1117 | 2018 | 2023 |
| 1010 | 1114 | 1117 | 2024 |
| 1011 | 2025 | 1105 | 2026 |
| 1012 | 1111 | 2021 | 2027 |
| 1013 | 1108 | 1111 | 2028 |
| 1014 | 1105 | 1108 | 2029 |
| 1015 | 2030 | 1099 | 2031 |
| 1016 | 1102 | 2025 | 2032 |
| 1017 | 1099 | 1102 | 2033 |
| 1018 | 654 | 1096 | 2034 |
| 1019 | 1096 | 2030 | 2035 |
| 1020 | 2036 | 1093 | 2037 |
| 1021 | 1093 | 654 | 2038 |
| 1022 | 2039 | 1087 | 2040 |
| 1023 | 1090 | 2036 | 2041 |
| 1024 | 1087 | 1090 | 2042 |
| 1025 | 2043 | 1078 | 2044 |
| 1026 | 1084 | 2039 | 2045 |
| 1027 | 1081 | 1084 | 2046 |
| 1028 | 1078 | 1081 | 2047 |
| 1029 | 2048 | 1072 | 2049 |
| 1030 | 1075 | 2043 | 2050 |
| 1031 | 1072 | 1075 | 2051 |
| 1032 | 651 | 1069 | 2052 |
| 1033 | 1069 | 2048 | 2053 |
| 1034 | 2054 | 1066 | 2055 |
| 1035 | 1066 | 651 | 2056 |
| 1036 | 2057 | 1060 | 2058 |
| 1037 | 1063 | 2054 | 2059 |
| 1038 | 1060 | 1063 | 2060 |
| 1039 | 2061 | 1051 | 2062 |
| 1040 | 1057 | 2057 | 2063 |
| 1041 | 1054 | 1057 | 2064 |
| 1042 | 1051 | 1054 | 2065 |
| 1043 | 2066 | 1045 | 2067 |
| 1044 | 1048 | 2061 | 2068 |
| 1045 | 1045 | 1048 | 2069 |
| 1046 | 648 | 1042 | 2070 |
| 1047 | 1042 | 2066 | 2071 |
| 1048 | 2072 | 1039 | 2073 |
| 1049 | 1039 | 648 | 2074 |
| 1050 | 2075 | 1033 | 2076 |
| 1051 | 1036 | 2072 | 2077 |
| 1052 | 1033 | 1036 | 2078 |
| 1053 | 2079 | 1024 | 2080 |
| 1054 | 1030 | 2075 | 2081 |
| 1055 | 1027 | 1030 | 2082 |
| 1056 | 1024 | 1027 | 2083 |
| 1057 | 2084 | 1018 | 2085 |
| 1058 | 1021 | 2079 | 2086 |
| 1059 | 1018 | 1021 | 2087 |
| 1060 | 645 | 1015 | 2088 |
| 1061 | 1015 | 2084 | 2089 |
| 1062 | 2090 | 1012 | 2091 |

| | | | |
|------|------|------|------|
| 1063 | 1012 | 645 | 2092 |
| 1064 | 2093 | 1006 | 2094 |
| 1065 | 1009 | 2090 | 2095 |
| 1066 | 1006 | 1009 | 2096 |
| 1067 | 2097 | 997 | 2098 |
| 1068 | 1003 | 2093 | 2099 |
| 1069 | 1000 | 1003 | 2100 |
| 1070 | 997 | 1000 | 2101 |
| 1071 | 2102 | 991 | 2103 |
| 1072 | 994 | 2097 | 2104 |
| 1073 | 991 | 994 | 2105 |
| 1074 | 642 | 988 | 2106 |
| 1075 | 988 | 2102 | 2107 |
| 1076 | 2108 | 985 | 2109 |
| 1077 | 985 | 642 | 2110 |
| 1078 | 2111 | 979 | 2112 |
| 1079 | 982 | 2108 | 2113 |
| 1080 | 979 | 982 | 2114 |
| 1081 | 2115 | 970 | 2116 |
| 1082 | 976 | 2111 | 2117 |
| 1083 | 973 | 976 | 2118 |
| 1084 | 970 | 973 | 2119 |
| 1085 | 2120 | 964 | 2121 |
| 1086 | 967 | 2115 | 2122 |
| 1087 | 964 | 967 | 2123 |
| 1088 | 639 | 961 | 2124 |
| 1089 | 961 | 2120 | 2125 |
| 1090 | 2126 | 778 | 2127 |
| 1091 | 778 | 639 | 2128 |
| 1092 | 2129 | 772 | 2130 |
| 1093 | 775 | 2126 | 2131 |
| 1094 | 772 | 775 | 2132 |
| 1095 | 2133 | 766 | 2134 |
| 1096 | 769 | 2129 | 2135 |
| 1097 | 766 | 769 | 2136 |
| 1098 | 636 | 763 | 2137 |
| 1099 | 763 | 2133 | 2138 |
| 1100 | 2139 | 760 | 2140 |
| 1101 | 760 | 633 | 2141 |
| 1102 | 2142 | 754 | 2143 |
| 1103 | 757 | 2139 | 2144 |
| 1104 | 754 | 757 | 2145 |
| 1105 | 2146 | 748 | 2147 |
| 1106 | 751 | 2142 | 2148 |
| 1107 | 748 | 751 | 2149 |
| 1108 | 630 | 745 | 2150 |
| 1109 | 745 | 2146 | 2151 |
| 1110 | 2152 | 958 | 2153 |
| 1111 | 958 | 630 | 2154 |
| 1112 | 2155 | 952 | 2156 |
| 1113 | 955 | 2152 | 2157 |
| 1114 | 952 | 955 | 2158 |
| 1115 | 2159 | 943 | 2160 |
| 1116 | 949 | 2155 | 2161 |
| 1117 | 946 | 949 | 2162 |
| 1118 | 943 | 946 | 2163 |
| 1119 | 2164 | 937 | 2165 |
| 1120 | 940 | 2159 | 2166 |
| 1121 | 937 | 940 | 2167 |
| 1122 | 627 | 934 | 2168 |
| 1123 | 934 | 2164 | 2169 |
| 1124 | 2170 | 931 | 2171 |
| 1125 | 931 | 627 | 2172 |
| 1126 | 2173 | 925 | 2174 |
| 1127 | 928 | 2170 | 2175 |
| 1128 | 925 | 928 | 2176 |
| 1129 | 2177 | 916 | 2178 |
| 1130 | 922 | 2173 | 2179 |
| 1131 | 919 | 922 | 2180 |
| 1132 | 916 | 919 | 2181 |
| 1133 | 2182 | 910 | 2183 |
| 1134 | 913 | 2177 | 2184 |
| 1135 | 910 | 913 | 2185 |
| 1136 | 624 | 907 | 2186 |
| 1137 | 907 | 2182 | 2187 |
| 1138 | 2188 | 904 | 2189 |
| 1139 | 904 | 624 | 2190 |
| 1140 | 2191 | 898 | 2192 |
| 1141 | 901 | 2188 | 2193 |
| 1142 | 898 | 901 | 2194 |
| 1143 | 2195 | 889 | 2196 |
| 1144 | 895 | 2191 | 2197 |
| 1145 | 892 | 895 | 2198 |
| 1146 | 889 | 892 | 2199 |
| 1147 | 2200 | 883 | 2201 |
| 1148 | 886 | 2195 | 2202 |
| 1149 | 883 | 886 | 2203 |
| 1150 | 621 | 880 | 2204 |
| 1151 | 880 | 2200 | 2205 |
| 1152 | 2206 | 877 | 2207 |
| 1153 | 877 | 621 | 2208 |
| 1154 | 2209 | 871 | 2210 |
| 1155 | 874 | 2206 | 2211 |
| 1156 | 871 | 874 | 2212 |
| 1157 | 2213 | 862 | 2214 |
| 1158 | 868 | 2209 | 2215 |
| 1159 | 865 | 868 | 2216 |
| 1160 | 862 | 865 | 2217 |
| 1161 | 2218 | 856 | 2219 |
| 1162 | 859 | 2213 | 2220 |
| 1163 | 856 | 859 | 2221 |
| 1164 | 618 | 853 | 2222 |
| 1165 | 853 | 2218 | 2223 |
| 1166 | 2224 | 850 | 2225 |
| 1167 | 850 | 618 | 2226 |

| | | | |
|------|------|------|------|
| 1168 | 2227 | 844 | 2228 |
| 1169 | 847 | 2224 | 2229 |
| 1170 | 844 | 847 | 2230 |
| 1171 | 2231 | 835 | 2232 |
| 1172 | 841 | 2227 | 2233 |
| 1173 | 838 | 841 | 2234 |
| 1174 | 835 | 838 | 2235 |
| 1175 | 2236 | 829 | 2237 |
| 1176 | 832 | 2231 | 2238 |
| 1177 | 829 | 832 | 2239 |
| 1178 | 615 | 826 | 2240 |
| 1179 | 826 | 2236 | 2241 |
| 1180 | 2242 | 823 | 2243 |
| 1181 | 823 | 615 | 2244 |
| 1182 | 2245 | 817 | 2246 |
| 1183 | 820 | 2242 | 2247 |
| 1184 | 817 | 820 | 2248 |
| 1185 | 2249 | 808 | 2250 |
| 1186 | 814 | 2245 | 2251 |
| 1187 | 811 | 814 | 2252 |
| 1188 | 808 | 811 | 2253 |
| 1189 | 2254 | 802 | 2255 |
| 1190 | 805 | 2249 | 2256 |
| 1191 | 802 | 805 | 2257 |
| 1192 | 612 | 799 | 2258 |
| 1193 | 799 | 2254 | 2259 |
| 1194 | 2260 | 742 | 2261 |
| 1195 | 742 | 612 | 2262 |
| 1196 | 2263 | 736 | 2264 |
| 1197 | 739 | 2260 | 2265 |
| 1198 | 736 | 739 | 2266 |
| 1199 | 2267 | 730 | 2268 |
| 1200 | 733 | 2263 | 2269 |
| 1201 | 730 | 733 | 2270 |
| 1202 | 609 | 727 | 2271 |
| 1203 | 727 | 2267 | 2272 |
| 1204 | 1632 | 609 | 2273 |
| 1205 | 633 | 1626 | 2274 |
| 1206 | 1629 | 636 | 2275 |
| 1207 | 663 | 1635 | 2276 |
| 1208 | 2277 | 795 | 2278 |
| 1209 | 795 | 724 | 2279 |
| 1210 | 2280 | 789 | 2281 |
| 1211 | 792 | 2277 | 2282 |
| 1212 | 789 | 792 | 2283 |
| 1213 | 2284 | 783 | 2285 |
| 1214 | 786 | 2280 | 2286 |
| 1215 | 783 | 786 | 2287 |
| 1216 | 717 | 780 | 2288 |
| 1217 | 780 | 2284 | 2289 |
| 1218 | 2290 | 1146 | 2291 |
| 1219 | 1146 | 717 | 2292 |
| 1220 | 2293 | 1140 | 2294 |
| 1221 | 1143 | 2290 | 2295 |
| 1222 | 1140 | 1143 | 2296 |
| 1223 | 2297 | 1131 | 2298 |
| 1224 | 1137 | 2293 | 2299 |
| 1225 | 1134 | 1137 | 2300 |
| 1226 | 1131 | 1134 | 2301 |
| 1227 | 2302 | 1125 | 2303 |
| 1228 | 1128 | 2297 | 2304 |
| 1229 | 1125 | 1128 | 2305 |
| 1230 | 714 | 1122 | 2306 |
| 1231 | 1122 | 2302 | 2307 |
| 1232 | 2308 | 1119 | 2309 |
| 1233 | 1119 | 714 | 2310 |
| 1234 | 2311 | 1113 | 2312 |
| 1235 | 1116 | 2308 | 2313 |
| 1236 | 1113 | 1116 | 2314 |
| 1237 | 2315 | 1104 | 2316 |
| 1238 | 1110 | 2311 | 2317 |
| 1239 | 1107 | 1110 | 2318 |
| 1240 | 1104 | 1107 | 2319 |
| 1241 | 2320 | 1098 | 2321 |
| 1242 | 1101 | 2315 | 2322 |
| 1243 | 1098 | 1101 | 2323 |
| 1244 | 711 | 1095 | 2324 |
| 1245 | 1095 | 2320 | 2325 |
| 1246 | 2326 | 1092 | 2327 |
| 1247 | 1092 | 711 | 2328 |
| 1248 | 2329 | 1086 | 2330 |
| 1249 | 1089 | 2326 | 2331 |
| 1250 | 1086 | 1089 | 2332 |
| 1251 | 2333 | 1077 | 2334 |
| 1252 | 1083 | 2329 | 2335 |
| 1253 | 1080 | 1083 | 2336 |
| 1254 | 1077 | 1080 | 2337 |
| 1255 | 2338 | 1071 | 2339 |
| 1256 | 1074 | 2333 | 2340 |
| 1257 | 1071 | 1074 | 2341 |
| 1258 | 708 | 1068 | 2342 |
| 1259 | 1068 | 2338 | 2343 |
| 1260 | 2344 | 1065 | 2345 |
| 1261 | 1065 | 708 | 2346 |
| 1262 | 2347 | 1059 | 2348 |
| 1263 | 1062 | 2344 | 2349 |
| 1264 | 1059 | 1062 | 2350 |
| 1265 | 2351 | 1050 | 2352 |
| 1266 | 1056 | 2347 | 2353 |
| 1267 | 1053 | 1056 | 2354 |
| 1268 | 1050 | 1053 | 2355 |
| 1269 | 2356 | 1044 | 2357 |
| 1270 | 1047 | 2351 | 2358 |
| 1271 | 1044 | 1047 | 2359 |
| 1272 | 705 | 1041 | 2360 |

| | | | |
|------|------|------|------|
| 1273 | 1041 | 2356 | 2361 |
| 1274 | 2362 | 1038 | 2363 |
| 1275 | 1038 | 705 | 2364 |
| 1276 | 2365 | 1032 | 2366 |
| 1277 | 1035 | 2362 | 2367 |
| 1278 | 1032 | 1035 | 2368 |
| 1279 | 2369 | 1023 | 2370 |
| 1280 | 1029 | 2365 | 2371 |
| 1281 | 1026 | 1029 | 2372 |
| 1282 | 1023 | 1026 | 2373 |
| 1283 | 2374 | 1017 | 2375 |
| 1284 | 1020 | 2369 | 2376 |
| 1285 | 1017 | 1020 | 2377 |
| 1286 | 702 | 1014 | 2378 |
| 1287 | 1014 | 2374 | 2379 |
| 1288 | 2380 | 1011 | 2381 |
| 1289 | 1011 | 702 | 2382 |
| 1290 | 2383 | 1005 | 2384 |
| 1291 | 1008 | 2380 | 2385 |
| 1292 | 1005 | 1008 | 2386 |
| 1293 | 2387 | 996 | 2388 |
| 1294 | 1002 | 2383 | 2389 |
| 1295 | 999 | 1002 | 2390 |
| 1296 | 996 | 999 | 2391 |
| 1297 | 2392 | 990 | 2393 |
| 1298 | 993 | 2387 | 2394 |
| 1299 | 990 | 993 | 2395 |
| 1300 | 699 | 987 | 2396 |
| 1301 | 987 | 2392 | 2397 |
| 1302 | 2398 | 984 | 2399 |
| 1303 | 984 | 699 | 2400 |
| 1304 | 2401 | 978 | 2402 |
| 1305 | 981 | 2398 | 2403 |
| 1306 | 978 | 981 | 2404 |
| 1307 | 2405 | 969 | 2406 |
| 1308 | 975 | 2401 | 2407 |
| 1309 | 972 | 975 | 2408 |
| 1310 | 969 | 972 | 2409 |
| 1311 | 2410 | 963 | 2411 |
| 1312 | 966 | 2405 | 2412 |
| 1313 | 963 | 966 | 2413 |
| 1314 | 696 | 960 | 2414 |
| 1315 | 960 | 2410 | 2415 |
| 1316 | 2416 | 777 | 2417 |
| 1317 | 777 | 696 | 2418 |
| 1318 | 2419 | 771 | 2420 |
| 1319 | 774 | 2416 | 2421 |
| 1320 | 771 | 774 | 2422 |
| 1321 | 2423 | 765 | 2424 |
| 1322 | 768 | 2419 | 2425 |
| 1323 | 765 | 768 | 2426 |
| 1324 | 693 | 762 | 2427 |
| 1325 | 762 | 2423 | 2428 |
| 1326 | 2429 | 759 | 2430 |
| 1327 | 759 | 690 | 2431 |
| 1328 | 2432 | 753 | 2433 |
| 1329 | 756 | 2429 | 2434 |
| 1330 | 753 | 756 | 2435 |
| 1331 | 2436 | 747 | 2437 |
| 1332 | 750 | 2432 | 2438 |
| 1333 | 747 | 750 | 2439 |
| 1334 | 687 | 744 | 2440 |
| 1335 | 744 | 2436 | 2441 |
| 1336 | 2442 | 957 | 2443 |
| 1337 | 957 | 687 | 2444 |
| 1338 | 2445 | 951 | 2446 |
| 1339 | 954 | 2442 | 2447 |
| 1340 | 951 | 954 | 2448 |
| 1341 | 2449 | 942 | 2450 |
| 1342 | 948 | 2445 | 2451 |
| 1343 | 945 | 948 | 2452 |
| 1344 | 942 | 945 | 2453 |
| 1345 | 2454 | 936 | 2455 |
| 1346 | 939 | 2449 | 2456 |
| 1347 | 936 | 939 | 2457 |
| 1348 | 684 | 933 | 2458 |
| 1349 | 933 | 2454 | 2459 |
| 1350 | 2460 | 930 | 2461 |
| 1351 | 930 | 684 | 2462 |
| 1352 | 2463 | 924 | 2464 |
| 1353 | 927 | 2460 | 2465 |
| 1354 | 924 | 927 | 2466 |
| 1355 | 2467 | 915 | 2468 |
| 1356 | 921 | 2463 | 2469 |
| 1357 | 918 | 921 | 2470 |
| 1358 | 915 | 918 | 2471 |
| 1359 | 2472 | 909 | 2473 |
| 1360 | 912 | 2467 | 2474 |
| 1361 | 909 | 912 | 2475 |
| 1362 | 681 | 906 | 2476 |
| 1363 | 906 | 2472 | 2477 |
| 1364 | 2478 | 903 | 2479 |
| 1365 | 903 | 681 | 2480 |
| 1366 | 2481 | 897 | 2482 |
| 1367 | 900 | 2478 | 2483 |
| 1368 | 897 | 900 | 2484 |
| 1369 | 2485 | 888 | 2486 |
| 1370 | 894 | 2481 | 2487 |
| 1371 | 891 | 894 | 2488 |
| 1372 | 888 | 891 | 2489 |
| 1373 | 2490 | 882 | 2491 |
| 1374 | 885 | 2485 | 2492 |
| 1375 | 882 | 885 | 2493 |
| 1376 | 678 | 879 | 2494 |
| 1377 | 879 | 2490 | 2495 |

| | | | |
|------|------|------|------|
| 1378 | 2496 | 876 | 2497 |
| 1379 | 876 | 678 | 2498 |
| 1380 | 2499 | 870 | 2500 |
| 1381 | 873 | 2496 | 2501 |
| 1382 | 870 | 873 | 2502 |
| 1383 | 2503 | 861 | 2504 |
| 1384 | 867 | 2499 | 2505 |
| 1385 | 864 | 867 | 2506 |
| 1386 | 861 | 864 | 2507 |
| 1387 | 2508 | 855 | 2509 |
| 1388 | 858 | 2503 | 2510 |
| 1389 | 855 | 858 | 2511 |
| 1390 | 675 | 852 | 2512 |
| 1391 | 852 | 2508 | 2513 |
| 1392 | 2514 | 849 | 2515 |
| 1393 | 849 | 675 | 2516 |
| 1394 | 2517 | 843 | 2518 |
| 1395 | 846 | 2514 | 2519 |
| 1396 | 843 | 846 | 2520 |
| 1397 | 2521 | 834 | 2522 |
| 1398 | 840 | 2517 | 2523 |
| 1399 | 837 | 840 | 2524 |
| 1400 | 834 | 837 | 2525 |
| 1401 | 2526 | 828 | 2527 |
| 1402 | 831 | 2521 | 2528 |
| 1403 | 828 | 831 | 2529 |
| 1404 | 672 | 825 | 2530 |
| 1405 | 825 | 2526 | 2531 |
| 1406 | 2532 | 822 | 2533 |
| 1407 | 822 | 672 | 2534 |
| 1408 | 2535 | 816 | 2536 |
| 1409 | 819 | 2532 | 2537 |
| 1410 | 816 | 819 | 2538 |
| 1411 | 2539 | 807 | 2540 |
| 1412 | 813 | 2535 | 2541 |
| 1413 | 810 | 813 | 2542 |
| 1414 | 807 | 810 | 2543 |
| 1415 | 2544 | 801 | 2545 |
| 1416 | 804 | 2539 | 2546 |
| 1417 | 801 | 804 | 2547 |
| 1418 | 669 | 798 | 2548 |
| 1419 | 798 | 2544 | 2549 |
| 1420 | 2550 | 741 | 2551 |
| 1421 | 741 | 669 | 2552 |
| 1422 | 2553 | 735 | 2554 |
| 1423 | 738 | 2550 | 2555 |
| 1424 | 735 | 738 | 2556 |
| 1425 | 2557 | 729 | 2558 |
| 1426 | 732 | 2553 | 2559 |
| 1427 | 729 | 732 | 2560 |
| 1428 | 666 | 726 | 2561 |
| 1429 | 726 | 2557 | 2562 |
| 1430 | 1948 | 666 | 2563 |
| 1431 | 690 | 1942 | 2564 |
| 1432 | 1945 | 693 | 2565 |
| 1433 | 724 | 1951 | 2566 |
| 1434 | 1948 | 2567 | 2568 |
| 1435 | 2567 | 1632 | 2569 |
| 1436 | 1942 | 2570 | 2571 |
| 1437 | 2570 | 1626 | 2572 |
| 1438 | 1945 | 2573 | 2574 |
| 1439 | 2573 | 1629 | 2575 |
| 1440 | 1951 | 2576 | 2577 |
| 1441 | 2576 | 1635 | 2578 |
| 1442 | 2579 | 724 | 2580 |

TOTAL NUMBER OF ELEMENTS = 1507
LARGEST ELEMENT NUMBER = 1507
LARGEST NODE NUMBER = 2742

DEFAULT SOLVER CHOSEN

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

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | -325.777 | 2.12500 | -2.50000 |
| 2 | -325.777 | 2.12500 | -3.00000 |
| 3 | -325.777 | 3.12500 | -2.50000 |
| 4 | -325.777 | 9.12500 | -2.50000 |
| 5 | -325.777 | 9.12500 | -3.00000 |
| 6 | -325.777 | 10.1250 | -2.50000 |
| 7 | -325.777 | 2.12500 | -4.25000 |
| 8 | -325.777 | 3.12500 | -3.00000 |
| 9 | -325.777 | 9.12500 | -4.25000 |
| 10 | -325.777 | 10.1250 | -3.00000 |
| 11 | -325.777 | 5.62500 | -4.25000 |
| 12 | -326.944 | 2.12500 | -4.25000 |
| 13 | -326.944 | 5.62500 | -4.25000 |
| 14 | -325.777 | 10.2050 | -4.25000 |
| 15 | -326.777 | 9.12500 | -4.25000 |
| 16 | -325.777 | 1.04500 | -4.25000 |
| 17 | -326.777 | 1.04500 | -4.25000 |
| 18 | -325.777 | 5.62500 | -5.50000 |
| 19 | -325.777 | 6.62500 | -4.25000 |
| 20 | -325.777 | 5.62500 | -7.00000 |
| 21 | -325.777 | 5.62500 | -5.68750 |

| | | | |
|-----|----------|---------|----------|
| 22 | -325.777 | 5.62500 | -5.87500 |
| 23 | -325.777 | 5.62500 | -6.06250 |
| 24 | -325.777 | 5.62500 | -6.25000 |
| 25 | -325.777 | 5.62500 | -6.43750 |
| 26 | -325.777 | 5.62500 | -6.62500 |
| 27 | -325.777 | 5.62500 | -6.81250 |
| 28 | -325.777 | 6.62500 | -5.50000 |
| 29 | -325.777 | 6.62500 | -5.68750 |
| 30 | -325.777 | 6.62500 | -5.87500 |
| 31 | -325.777 | 6.62500 | -6.06250 |
| 32 | -325.777 | 6.62500 | -6.25000 |
| 33 | -325.777 | 6.62500 | -6.43750 |
| 34 | -325.777 | 6.62500 | -6.62500 |
| 35 | -325.777 | 6.62500 | -6.81250 |
| 36 | -277.187 | 2.12500 | -3.00000 |
| 37 | -277.187 | 2.12500 | -4.25000 |
| 38 | -277.187 | 3.12500 | -3.00000 |
| 39 | -277.187 | 9.12500 | -3.00000 |
| 40 | -277.187 | 9.12500 | -4.25000 |
| 41 | -277.187 | 10.1250 | -3.00000 |
| 42 | -277.187 | 5.62500 | -4.25000 |
| 43 | -278.354 | 2.12500 | -4.25000 |
| 44 | -278.354 | 5.62500 | -4.25000 |
| 45 | -277.187 | 10.2050 | -4.25000 |
| 46 | -278.187 | 9.12500 | -4.25000 |
| 47 | -277.187 | 1.04500 | -4.25000 |
| 48 | -278.187 | 1.04500 | -4.25000 |
| 49 | -277.187 | 5.62500 | -5.50000 |
| 50 | -277.187 | 6.62500 | -4.25000 |
| 51 | -277.187 | 5.62500 | -7.50000 |
| 52 | -277.187 | 5.62500 | -5.75000 |
| 53 | -277.187 | 5.62500 | -6.00000 |
| 54 | -277.187 | 5.62500 | -6.25000 |
| 55 | -277.187 | 5.62500 | -6.50000 |
| 56 | -277.187 | 5.62500 | -6.75000 |
| 57 | -277.187 | 5.62500 | -7.00000 |
| 58 | -277.187 | 5.62500 | -7.25000 |
| 59 | -277.187 | 6.62500 | -5.50000 |
| 60 | -277.187 | 6.62500 | -5.75000 |
| 61 | -277.187 | 6.62500 | -6.00000 |
| 62 | -277.187 | 6.62500 | -6.25000 |
| 63 | -277.187 | 6.62500 | -6.50000 |
| 64 | -277.187 | 6.62500 | -6.75000 |
| 65 | -277.187 | 6.62500 | -7.00000 |
| 66 | -277.187 | 6.62500 | -7.25000 |
| 67 | -277.187 | 2.12500 | -2.50000 |
| 68 | -277.187 | 3.12500 | -2.50000 |
| 69 | -277.187 | 9.12500 | -2.50000 |
| 70 | -277.187 | 10.1250 | -2.50000 |
| 71 | -325.777 | 5.62500 | -8.80000 |
| 72 | -325.777 | 6.62500 | -7.00000 |
| 73 | -277.187 | 5.62500 | -9.30000 |
| 74 | -277.187 | 6.62500 | -7.50000 |
| 75 | -228.607 | 2.12500 | -3.00000 |
| 76 | -228.607 | 2.12500 | -4.25000 |
| 77 | -228.607 | 3.12500 | -3.00000 |
| 78 | -228.607 | 9.12500 | -3.00000 |
| 79 | -228.607 | 9.12500 | -4.25000 |
| 80 | -228.607 | 10.1250 | -3.00000 |
| 81 | -228.607 | 5.62500 | -4.25000 |
| 82 | -229.774 | 2.12500 | -4.25000 |
| 83 | -229.774 | 5.62500 | -4.25000 |
| 84 | -228.607 | 10.2050 | -4.25000 |
| 85 | -229.607 | 9.12500 | -4.25000 |
| 86 | -228.607 | 1.04500 | -4.25000 |
| 87 | -229.607 | 1.04500 | -4.25000 |
| 88 | -228.607 | 5.62500 | -5.50000 |
| 89 | -228.607 | 6.62500 | -4.25000 |
| 90 | -228.607 | 5.62500 | -8.00000 |
| 91 | -228.607 | 5.62500 | -5.81250 |
| 92 | -228.607 | 5.62500 | -6.12500 |
| 93 | -228.607 | 5.62500 | -6.43750 |
| 94 | -228.607 | 5.62500 | -6.75000 |
| 95 | -228.607 | 5.62500 | -7.06250 |
| 96 | -228.607 | 5.62500 | -7.37500 |
| 97 | -228.607 | 5.62500 | -7.68750 |
| 98 | -228.607 | 6.62500 | -5.50000 |
| 99 | -228.607 | 6.62500 | -5.81250 |
| 100 | -228.607 | 6.62500 | -6.12500 |
| 101 | -228.607 | 6.62500 | -6.43750 |
| 102 | -228.607 | 6.62500 | -6.75000 |
| 103 | -228.607 | 6.62500 | -7.06250 |
| 104 | -228.607 | 6.62500 | -7.37500 |
| 105 | -228.607 | 6.62500 | -7.68750 |
| 106 | -228.607 | 5.62500 | -9.80000 |
| 107 | -228.607 | 6.62500 | -8.00000 |
| 108 | -228.607 | 9.12500 | -2.50000 |
| 109 | -228.607 | 10.1250 | -2.50000 |
| 110 | -228.607 | 2.12500 | -2.50000 |
| 111 | -228.607 | 3.12500 | -2.50000 |
| 112 | -180.037 | 2.12500 | -3.00000 |
| 113 | -180.037 | 2.12500 | -4.25000 |
| 114 | -180.037 | 3.12500 | -3.00000 |
| 115 | -180.037 | 9.12500 | -3.00000 |
| 116 | -180.037 | 9.12500 | -4.25000 |
| 117 | -180.037 | 10.1250 | -3.00000 |
| 118 | -180.037 | 5.62500 | -4.25000 |
| 119 | -181.204 | 2.12500 | -4.25000 |
| 120 | -181.204 | 5.62500 | -4.25000 |
| 121 | -180.037 | 10.2050 | -4.25000 |
| 122 | -181.037 | 9.12500 | -4.25000 |
| 123 | -180.037 | 1.04500 | -4.25000 |
| 124 | -181.037 | 1.04500 | -4.25000 |
| 125 | -180.037 | 5.62500 | -5.50000 |
| 126 | -180.037 | 6.62500 | -4.25000 |

| | | | |
|-----|----------|----------|-----------|
| 127 | -180.037 | 5.62500 | -8.50000 |
| 128 | -180.037 | 5.62500 | -5.87500 |
| 129 | -180.037 | 5.62500 | -6.25000 |
| 130 | -180.037 | 5.62500 | -6.62500 |
| 131 | -180.037 | 5.62500 | -7.00000 |
| 132 | -180.037 | 5.62500 | -7.37500 |
| 133 | -180.037 | 5.62500 | -7.75000 |
| 134 | -180.037 | 5.62500 | -8.12500 |
| 135 | -180.037 | 6.62500 | -5.50000 |
| 136 | -180.037 | 6.62500 | -5.87500 |
| 137 | -180.037 | 6.62500 | -6.25000 |
| 138 | -180.037 | 6.62500 | -6.62500 |
| 139 | -180.037 | 6.62500 | -7.00000 |
| 140 | -180.037 | 6.62500 | -7.37500 |
| 141 | -180.037 | 6.62500 | -7.75000 |
| 142 | -180.037 | 6.62500 | -8.12500 |
| 143 | -180.037 | 5.62500 | -10.30000 |
| 144 | -180.037 | 6.62500 | -8.50000 |
| 145 | -180.037 | 9.12500 | -2.50000 |
| 146 | -180.037 | 10.12500 | -2.50000 |
| 147 | -180.037 | 2.12500 | -2.50000 |
| 148 | -180.037 | 3.12500 | -2.50000 |
| 149 | -131.487 | 2.12500 | -3.00000 |
| 150 | -131.487 | 2.12500 | -4.25000 |
| 151 | -131.487 | 3.12500 | -3.00000 |
| 152 | -131.487 | 9.12500 | -3.00000 |
| 153 | -131.487 | 9.12500 | -4.25000 |
| 154 | -131.487 | 10.12500 | -3.00000 |
| 155 | -131.487 | 5.62500 | -4.25000 |
| 156 | -132.654 | 2.12500 | -4.25000 |
| 157 | -132.654 | 5.62500 | -4.25000 |
| 158 | -131.487 | 10.20500 | -4.25000 |
| 159 | -132.487 | 9.12500 | -4.25000 |
| 160 | -131.487 | 1.04500 | -4.25000 |
| 161 | -132.487 | 1.04500 | -4.25000 |
| 162 | -131.487 | 5.62500 | -5.50000 |
| 163 | -131.487 | 6.62500 | -4.25000 |
| 164 | -131.487 | 5.62500 | -8.75000 |
| 165 | -131.487 | 5.62500 | -5.90625 |
| 166 | -131.487 | 5.62500 | -6.31250 |
| 167 | -131.487 | 5.62500 | -6.71875 |
| 168 | -131.487 | 5.62500 | -7.12500 |
| 169 | -131.487 | 5.62500 | -7.53125 |
| 170 | -131.487 | 5.62500 | -7.93750 |
| 171 | -131.487 | 5.62500 | -8.34375 |
| 172 | -131.487 | 6.62500 | -5.50000 |
| 173 | -131.487 | 6.62500 | -5.90625 |
| 174 | -131.487 | 6.62500 | -6.31250 |
| 175 | -131.487 | 6.62500 | -6.71875 |
| 176 | -131.487 | 6.62500 | -7.12500 |
| 177 | -131.487 | 6.62500 | -7.53125 |
| 178 | -131.487 | 6.62500 | -7.93750 |
| 179 | -131.487 | 6.62500 | -8.34375 |
| 180 | -131.487 | 5.62500 | -10.55000 |
| 181 | -131.487 | 6.62500 | -8.75000 |
| 182 | -131.487 | 9.12500 | -2.50000 |
| 183 | -131.487 | 10.12500 | -2.50000 |
| 184 | -131.487 | 2.12500 | -2.50000 |
| 185 | -131.487 | 3.12500 | -2.50000 |
| 186 | -82.9570 | 2.12500 | -3.00000 |
| 187 | -82.9570 | 2.12500 | -4.25000 |
| 188 | -82.9570 | 3.12500 | -3.00000 |
| 189 | -82.9570 | 9.12500 | -3.00000 |
| 190 | -82.9570 | 9.12500 | -4.25000 |
| 191 | -82.9570 | 10.12500 | -3.00000 |
| 192 | -82.9570 | 5.62500 | -4.25000 |
| 193 | -84.1237 | 2.12500 | -4.25000 |
| 194 | -84.1237 | 5.62500 | -4.25000 |
| 195 | -82.9570 | 10.20500 | -4.25000 |
| 196 | -83.9570 | 9.12500 | -4.25000 |
| 197 | -82.9570 | 1.04500 | -4.25000 |
| 198 | -83.9570 | 1.04500 | -4.25000 |
| 199 | -82.9570 | 5.62500 | -5.50000 |
| 200 | -82.9570 | 6.62500 | -4.25000 |
| 201 | -82.9570 | 5.62500 | -9.50000 |
| 202 | -82.9570 | 5.62500 | -6.00000 |
| 203 | -82.9570 | 5.62500 | -6.50000 |
| 204 | -82.9570 | 5.62500 | -7.00000 |
| 205 | -82.9570 | 5.62500 | -7.50000 |
| 206 | -82.9570 | 5.62500 | -8.00000 |
| 207 | -82.9570 | 5.62500 | -8.50000 |
| 208 | -82.9570 | 5.62500 | -9.00000 |
| 209 | -82.9570 | 6.62500 | -5.50000 |
| 210 | -82.9570 | 6.62500 | -6.00000 |
| 211 | -82.9570 | 6.62500 | -6.50000 |
| 212 | -82.9570 | 6.62500 | -7.00000 |
| 213 | -82.9570 | 6.62500 | -7.50000 |
| 214 | -82.9570 | 6.62500 | -8.00000 |
| 215 | -82.9570 | 6.62500 | -8.50000 |
| 216 | -82.9570 | 6.62500 | -9.00000 |
| 217 | -82.9570 | 5.62500 | -11.30000 |
| 218 | -82.9570 | 6.62500 | -9.50000 |
| 219 | -82.9570 | 9.12500 | -2.50000 |
| 220 | -82.9570 | 10.12500 | -2.50000 |
| 221 | -82.9570 | 2.12500 | -2.50000 |
| 222 | -82.9570 | 3.12500 | -2.50000 |
| 223 | -34.4470 | 2.12500 | -3.00000 |
| 224 | -34.4470 | 2.12500 | -4.25000 |
| 225 | -34.4470 | 3.12500 | -3.00000 |
| 226 | -34.4470 | 9.12500 | -3.00000 |
| 227 | -34.4470 | 9.12500 | -4.25000 |
| 228 | -34.4470 | 10.12500 | -3.00000 |
| 229 | -34.4470 | 5.62500 | -4.25000 |
| 230 | -35.6137 | 2.12500 | -4.25000 |
| 231 | -35.6137 | 5.62500 | -4.25000 |

| | | | |
|-----|----------|----------|-----------|
| 232 | -34.4470 | 10.2050 | -4.25000 |
| 233 | -35.4470 | 9.12500 | -4.25000 |
| 234 | -34.4470 | 1.04500 | -4.25000 |
| 235 | -35.4470 | 1.04500 | -4.25000 |
| 236 | -34.4470 | 5.62500 | -5.50000 |
| 237 | -34.4470 | 6.62500 | -4.25000 |
| 238 | -34.4470 | 5.62500 | -9.75000 |
| 239 | -34.4470 | 5.62500 | -6.03125 |
| 240 | -34.4470 | 5.62500 | -6.56250 |
| 241 | -34.4470 | 5.62500 | -7.09375 |
| 242 | -34.4470 | 5.62500 | -7.62500 |
| 243 | -34.4470 | 5.62500 | -8.15625 |
| 244 | -34.4470 | 5.62500 | -8.68750 |
| 245 | -34.4470 | 5.62500 | -9.21875 |
| 246 | -34.4470 | 6.62500 | -5.50000 |
| 247 | -34.4470 | 6.62500 | -6.03125 |
| 248 | -34.4470 | 6.62500 | -6.56250 |
| 249 | -34.4470 | 6.62500 | -7.09375 |
| 250 | -34.4470 | 6.62500 | -7.62500 |
| 251 | -34.4470 | 6.62500 | -8.15625 |
| 252 | -34.4470 | 6.62500 | -8.68750 |
| 253 | -34.4470 | 6.62500 | -9.21875 |
| 254 | -34.4470 | 5.62500 | -11.55000 |
| 255 | -34.4470 | 6.62500 | -9.75000 |
| 256 | -34.4470 | 9.12500 | -2.50000 |
| 257 | -34.4470 | 10.12500 | -2.50000 |
| 258 | -34.4470 | 2.12500 | -2.50000 |
| 259 | -34.4470 | 3.12500 | -2.50000 |
| 260 | 33.5470 | 2.12500 | -3.00000 |
| 261 | 33.5470 | 2.12500 | -4.25000 |
| 262 | 33.5470 | 3.12500 | -3.00000 |
| 263 | 33.5470 | 9.12500 | -3.00000 |
| 264 | 33.5470 | 9.12500 | -4.25000 |
| 265 | 33.5470 | 10.12500 | -3.00000 |
| 266 | 33.5470 | 5.62500 | -4.25000 |
| 267 | 32.3803 | 2.12500 | -4.25000 |
| 268 | 32.3803 | 5.62500 | -4.25000 |
| 269 | 33.5470 | 10.20500 | -4.25000 |
| 270 | 32.5470 | 9.12500 | -4.25000 |
| 271 | 33.5470 | 1.04500 | -4.25000 |
| 272 | 32.5470 | 1.04500 | -4.25000 |
| 273 | 33.5470 | 5.62500 | -5.50000 |
| 274 | 33.5470 | 6.62500 | -4.25000 |
| 275 | 33.5470 | 5.62500 | -10.00000 |
| 276 | 33.5470 | 5.62500 | -6.06250 |
| 277 | 33.5470 | 5.62500 | -6.62500 |
| 278 | 33.5470 | 5.62500 | -7.18750 |
| 279 | 33.5470 | 5.62500 | -7.75000 |
| 280 | 33.5470 | 5.62500 | -8.31250 |
| 281 | 33.5470 | 5.62500 | -8.87500 |
| 282 | 33.5470 | 5.62500 | -9.43750 |
| 283 | 33.5470 | 6.62500 | -5.50000 |
| 284 | 33.5470 | 6.62500 | -6.06250 |
| 285 | 33.5470 | 6.62500 | -6.62500 |
| 286 | 33.5470 | 6.62500 | -7.18750 |
| 287 | 33.5470 | 6.62500 | -7.75000 |
| 288 | 33.5470 | 6.62500 | -8.31250 |
| 289 | 33.5470 | 6.62500 | -8.87500 |
| 290 | 33.5470 | 6.62500 | -9.43750 |
| 291 | 33.5470 | 5.62500 | -11.80000 |
| 292 | 33.5470 | 6.62500 | -10.00000 |
| 293 | 33.5470 | 9.12500 | -2.50000 |
| 294 | 33.5470 | 10.12500 | -2.50000 |
| 295 | 33.5470 | 2.12500 | -2.50000 |
| 296 | 33.5470 | 3.12500 | -2.50000 |
| 297 | 82.0570 | 2.12500 | -3.00000 |
| 298 | 82.0570 | 2.12500 | -4.25000 |
| 299 | 82.0570 | 3.12500 | -3.00000 |
| 300 | 82.0570 | 9.12500 | -3.00000 |
| 301 | 82.0570 | 9.12500 | -4.25000 |
| 302 | 82.0570 | 10.12500 | -3.00000 |
| 303 | 82.0570 | 5.62500 | -4.25000 |
| 304 | 80.8903 | 2.12500 | -4.25000 |
| 305 | 80.8903 | 5.62500 | -4.25000 |
| 306 | 82.0570 | 10.20500 | -4.25000 |
| 307 | 81.0570 | 9.12500 | -4.25000 |
| 308 | 82.0570 | 1.04500 | -4.25000 |
| 309 | 81.0570 | 1.04500 | -4.25000 |
| 310 | 82.0570 | 5.62500 | -5.50000 |
| 311 | 82.0570 | 6.62500 | -4.25000 |
| 312 | 82.0570 | 5.62500 | -9.50000 |
| 313 | 82.0570 | 5.62500 | -6.00000 |
| 314 | 82.0570 | 5.62500 | -6.50000 |
| 315 | 82.0570 | 5.62500 | -7.00000 |
| 316 | 82.0570 | 5.62500 | -7.50000 |
| 317 | 82.0570 | 5.62500 | -8.00000 |
| 318 | 82.0570 | 5.62500 | -8.50000 |
| 319 | 82.0570 | 5.62500 | -9.00000 |
| 320 | 82.0570 | 6.62500 | -5.50000 |
| 321 | 82.0570 | 6.62500 | -6.00000 |
| 322 | 82.0570 | 6.62500 | -6.50000 |
| 323 | 82.0570 | 6.62500 | -7.00000 |
| 324 | 82.0570 | 6.62500 | -7.50000 |
| 325 | 82.0570 | 6.62500 | -8.00000 |
| 326 | 82.0570 | 6.62500 | -8.50000 |
| 327 | 82.0570 | 6.62500 | -9.00000 |
| 328 | 82.0570 | 5.62500 | -11.30000 |
| 329 | 82.0570 | 6.62500 | -9.50000 |
| 330 | 82.0570 | 9.12500 | -2.50000 |
| 331 | 82.0570 | 10.12500 | -2.50000 |
| 332 | 82.0570 | 2.12500 | -2.50000 |
| 333 | 82.0570 | 3.12500 | -2.50000 |
| 334 | 130.587 | 2.12500 | -3.00000 |
| 335 | 130.587 | 2.12500 | -4.25000 |
| 336 | 130.587 | 3.12500 | -3.00000 |

| | | | |
|-----|---------|---------|----------|
| 337 | 130.587 | 9.12500 | -3.00000 |
| 338 | 130.587 | 9.12500 | -4.25000 |
| 339 | 130.587 | 10.1250 | -3.00000 |
| 340 | 130.587 | 5.62500 | -4.25000 |
| 341 | 129.420 | 2.12500 | -4.25000 |
| 342 | 129.420 | 5.62500 | -4.25000 |
| 343 | 130.587 | 10.2050 | -4.25000 |
| 344 | 129.587 | 9.12500 | -4.25000 |
| 345 | 130.587 | 1.04500 | -4.25000 |
| 346 | 129.587 | 1.04500 | -4.25000 |
| 347 | 130.587 | 5.62500 | -5.50000 |
| 348 | 130.587 | 6.62500 | -4.25000 |
| 349 | 130.587 | 5.62500 | -9.50000 |
| 350 | 130.587 | 5.62500 | -6.00000 |
| 351 | 130.587 | 5.62500 | -6.50000 |
| 352 | 130.587 | 5.62500 | -7.00000 |
| 353 | 130.587 | 5.62500 | -7.50000 |
| 354 | 130.587 | 5.62500 | -8.00000 |
| 355 | 130.587 | 5.62500 | -8.50000 |
| 356 | 130.587 | 5.62500 | -9.00000 |
| 357 | 130.587 | 6.62500 | -5.50000 |
| 358 | 130.587 | 6.62500 | -6.00000 |
| 359 | 130.587 | 6.62500 | -6.50000 |
| 360 | 130.587 | 6.62500 | -7.00000 |
| 361 | 130.587 | 6.62500 | -7.50000 |
| 362 | 130.587 | 6.62500 | -8.00000 |
| 363 | 130.587 | 6.62500 | -8.50000 |
| 364 | 130.587 | 6.62500 | -9.00000 |
| 365 | 130.587 | 5.62500 | -11.3000 |
| 366 | 130.587 | 6.62500 | -9.50000 |
| 367 | 130.587 | 9.12500 | -2.50000 |
| 368 | 130.587 | 10.1250 | -2.50000 |
| 369 | 130.587 | 2.12500 | -2.50000 |
| 370 | 130.587 | 3.12500 | -2.50000 |
| 371 | 179.137 | 2.12500 | -3.00000 |
| 372 | 179.137 | 2.12500 | -4.25000 |
| 373 | 179.137 | 3.12500 | -3.00000 |
| 374 | 179.137 | 9.12500 | -3.00000 |
| 375 | 179.137 | 9.12500 | -4.25000 |
| 376 | 179.137 | 10.1250 | -3.00000 |
| 377 | 179.137 | 5.62500 | -4.25000 |
| 378 | 177.970 | 2.12500 | -4.25000 |
| 379 | 177.970 | 5.62500 | -4.25000 |
| 380 | 179.137 | 10.2050 | -4.25000 |
| 381 | 178.137 | 9.12500 | -4.25000 |
| 382 | 179.137 | 1.04500 | -4.25000 |
| 383 | 178.137 | 1.04500 | -4.25000 |
| 384 | 179.137 | 5.62500 | -5.50000 |
| 385 | 179.137 | 6.62500 | -4.25000 |
| 386 | 179.137 | 5.62500 | -9.25000 |
| 387 | 179.137 | 5.62500 | -5.96875 |
| 388 | 179.137 | 5.62500 | -6.43750 |
| 389 | 179.137 | 5.62500 | -6.90625 |
| 390 | 179.137 | 5.62500 | -7.37500 |
| 391 | 179.137 | 5.62500 | -7.84375 |
| 392 | 179.137 | 5.62500 | -8.31250 |
| 393 | 179.137 | 5.62500 | -8.78125 |
| 394 | 179.137 | 6.62500 | -5.50000 |
| 395 | 179.137 | 6.62500 | -5.96875 |
| 396 | 179.137 | 6.62500 | -6.43750 |
| 397 | 179.137 | 6.62500 | -6.90625 |
| 398 | 179.137 | 6.62500 | -7.37500 |
| 399 | 179.137 | 6.62500 | -7.84375 |
| 400 | 179.137 | 6.62500 | -8.31250 |
| 401 | 179.137 | 6.62500 | -8.78125 |
| 402 | 179.137 | 5.62500 | -11.0500 |
| 403 | 179.137 | 6.62500 | -9.25000 |
| 404 | 179.137 | 9.12500 | -2.50000 |
| 405 | 179.137 | 10.1250 | -2.50000 |
| 406 | 179.137 | 2.12500 | -2.50000 |
| 407 | 179.137 | 3.12500 | -2.50000 |
| 408 | 227.707 | 2.12500 | -3.00000 |
| 409 | 227.707 | 2.12500 | -4.25000 |
| 410 | 227.707 | 3.12500 | -3.00000 |
| 411 | 227.707 | 9.12500 | -3.00000 |
| 412 | 227.707 | 9.12500 | -4.25000 |
| 413 | 227.707 | 10.1250 | -3.00000 |
| 414 | 227.707 | 5.62500 | -4.25000 |
| 415 | 226.540 | 2.12500 | -4.25000 |
| 416 | 226.540 | 5.62500 | -4.25000 |
| 417 | 227.707 | 10.2050 | -4.25000 |
| 418 | 226.707 | 9.12500 | -4.25000 |
| 419 | 227.707 | 1.04500 | -4.25000 |
| 420 | 226.707 | 1.04500 | -4.25000 |
| 421 | 227.707 | 5.62500 | -5.50000 |
| 422 | 227.707 | 6.62500 | -4.25000 |
| 423 | 227.707 | 5.62500 | -8.50000 |
| 424 | 227.707 | 5.62500 | -5.87500 |
| 425 | 227.707 | 5.62500 | -6.25000 |
| 426 | 227.707 | 5.62500 | -6.62500 |
| 427 | 227.707 | 5.62500 | -7.00000 |
| 428 | 227.707 | 5.62500 | -7.37500 |
| 429 | 227.707 | 5.62500 | -7.75000 |
| 430 | 227.707 | 5.62500 | -8.12500 |
| 431 | 227.707 | 6.62500 | -5.50000 |
| 432 | 227.707 | 6.62500 | -5.87500 |
| 433 | 227.707 | 6.62500 | -6.25000 |
| 434 | 227.707 | 6.62500 | -6.62500 |
| 435 | 227.707 | 6.62500 | -7.00000 |
| 436 | 227.707 | 6.62500 | -7.37500 |
| 437 | 227.707 | 6.62500 | -7.75000 |
| 438 | 227.707 | 6.62500 | -8.12500 |
| 439 | 227.707 | 5.62500 | -10.3000 |
| 440 | 227.707 | 6.62500 | -8.50000 |
| 441 | 227.707 | 9.12500 | -2.50000 |

| | | | |
|-----|---------|---------|----------|
| 442 | 227.707 | 10.1250 | -2.50000 |
| 443 | 227.707 | 2.12500 | -2.50000 |
| 444 | 227.707 | 3.12500 | -2.50000 |
| 445 | 276.287 | 2.12500 | -3.00000 |
| 446 | 276.287 | 2.12500 | -4.25000 |
| 447 | 276.287 | 3.12500 | -3.00000 |
| 448 | 276.287 | 9.12500 | -3.00000 |
| 449 | 276.287 | 9.12500 | -4.25000 |
| 450 | 276.287 | 10.1250 | -3.00000 |
| 451 | 276.287 | 5.62500 | -4.25000 |
| 452 | 275.120 | 2.12500 | -4.25000 |
| 453 | 275.120 | 5.62500 | -4.25000 |
| 454 | 276.287 | 10.2050 | -4.25000 |
| 455 | 275.287 | 9.12500 | -4.25000 |
| 456 | 276.287 | 1.04500 | -4.25000 |
| 457 | 275.287 | 1.04500 | -4.25000 |
| 458 | 276.287 | 5.62500 | -5.50000 |
| 459 | 276.287 | 6.62500 | -4.25000 |
| 460 | 276.287 | 5.62500 | -8.50000 |
| 461 | 276.287 | 5.62500 | -5.87500 |
| 462 | 276.287 | 5.62500 | -6.25000 |
| 463 | 276.287 | 5.62500 | -6.62500 |
| 464 | 276.287 | 5.62500 | -7.00000 |
| 465 | 276.287 | 5.62500 | -7.37500 |
| 466 | 276.287 | 5.62500 | -7.75000 |
| 467 | 276.287 | 5.62500 | -8.12500 |
| 468 | 276.287 | 6.62500 | -5.50000 |
| 469 | 276.287 | 6.62500 | -5.87500 |
| 470 | 276.287 | 6.62500 | -6.25000 |
| 471 | 276.287 | 6.62500 | -6.62500 |
| 472 | 276.287 | 6.62500 | -7.00000 |
| 473 | 276.287 | 6.62500 | -7.37500 |
| 474 | 276.287 | 6.62500 | -7.75000 |
| 475 | 276.287 | 6.62500 | -8.12500 |
| 476 | 276.287 | 5.62500 | -10.3000 |
| 477 | 276.287 | 6.62500 | -8.50000 |
| 478 | 276.287 | 9.12500 | -2.50000 |
| 479 | 276.287 | 10.1250 | -2.50000 |
| 480 | 276.287 | 2.12500 | -2.50000 |
| 481 | 276.287 | 3.12500 | -2.50000 |
| 482 | 324.877 | 2.12500 | -3.00000 |
| 483 | 324.877 | 2.12500 | -4.25000 |
| 484 | 324.877 | 3.12500 | -3.00000 |
| 485 | 324.877 | 9.12500 | -3.00000 |
| 486 | 324.877 | 9.12500 | -4.25000 |
| 487 | 324.877 | 10.1250 | -3.00000 |
| 488 | 324.877 | 5.62500 | -4.25000 |
| 489 | 323.710 | 2.12500 | -4.25000 |
| 490 | 323.710 | 5.62500 | -4.25000 |
| 491 | 324.877 | 10.2050 | -4.25000 |
| 492 | 323.877 | 9.12500 | -4.25000 |
| 493 | 324.877 | 1.04500 | -4.25000 |
| 494 | 323.877 | 1.04500 | -4.25000 |
| 495 | 324.877 | 5.62500 | -5.50000 |
| 496 | 324.877 | 6.62500 | -4.25000 |
| 497 | 324.877 | 5.62500 | -8.75000 |
| 498 | 324.877 | 5.62500 | -5.90625 |
| 499 | 324.877 | 5.62500 | -6.31250 |
| 500 | 324.877 | 5.62500 | -6.71875 |
| 501 | 324.877 | 5.62500 | -7.12500 |
| 502 | 324.877 | 5.62500 | -7.53125 |
| 503 | 324.877 | 5.62500 | -7.93750 |
| 504 | 324.877 | 5.62500 | -8.34375 |
| 505 | 324.877 | 6.62500 | -5.50000 |
| 506 | 324.877 | 6.62500 | -5.90625 |
| 507 | 324.877 | 6.62500 | -6.31250 |
| 508 | 324.877 | 6.62500 | -6.71875 |
| 509 | 324.877 | 6.62500 | -7.12500 |
| 510 | 324.877 | 6.62500 | -7.53125 |
| 511 | 324.877 | 6.62500 | -7.93750 |
| 512 | 324.877 | 6.62500 | -8.34375 |
| 513 | 324.877 | 5.62500 | -10.5500 |
| 514 | 324.877 | 6.62500 | -8.75000 |
| 515 | 324.877 | 9.12500 | -2.50000 |
| 516 | 324.877 | 10.1250 | -2.50000 |
| 517 | 324.877 | 2.12500 | -2.50000 |
| 518 | 324.877 | 3.12500 | -2.50000 |
| 519 | 373.578 | 2.12500 | -3.00000 |
| 520 | 373.578 | 2.12500 | -4.25000 |
| 521 | 373.578 | 3.12500 | -3.00000 |
| 522 | 373.578 | 9.12500 | -3.00000 |
| 523 | 373.578 | 9.12500 | -4.25000 |
| 524 | 373.578 | 10.1250 | -3.00000 |
| 525 | 373.578 | 5.62500 | -4.25000 |
| 526 | 372.411 | 2.12500 | -4.25000 |
| 527 | 372.411 | 5.62500 | -4.25000 |
| 528 | 373.578 | 10.2050 | -4.25000 |
| 529 | 372.578 | 9.12500 | -4.25000 |
| 530 | 373.578 | 1.04500 | -4.25000 |
| 531 | 372.578 | 1.04500 | -4.25000 |
| 532 | 373.578 | 5.62500 | -5.50000 |
| 533 | 373.578 | 6.62500 | -4.25000 |
| 534 | 373.578 | 5.62500 | -8.75000 |
| 535 | 373.578 | 5.62500 | -5.90625 |
| 536 | 373.578 | 5.62500 | -6.31250 |
| 537 | 373.578 | 5.62500 | -6.71875 |
| 538 | 373.578 | 5.62500 | -7.12500 |
| 539 | 373.578 | 5.62500 | -7.53125 |
| 540 | 373.578 | 5.62500 | -7.93750 |
| 541 | 373.578 | 5.62500 | -8.34375 |
| 542 | 373.578 | 6.62500 | -5.50000 |
| 543 | 373.578 | 6.62500 | -5.90625 |
| 544 | 373.578 | 6.62500 | -6.31250 |
| 545 | 373.578 | 6.62500 | -6.71875 |
| 546 | 373.578 | 6.62500 | -7.12500 |

| | | | |
|-----|-----------|---------|--------------|
| 547 | 373.578 | 6.62500 | -7.53125 |
| 548 | 373.578 | 6.62500 | -7.93750 |
| 549 | 373.578 | 6.62500 | -8.34375 |
| 550 | 373.578 | 5.62500 | -10.5500 |
| 551 | 373.578 | 6.62500 | -8.75000 |
| 552 | 373.578 | 9.12500 | -2.50000 |
| 553 | 373.578 | 10.1250 | -2.50000 |
| 554 | 373.578 | 2.12500 | -2.50000 |
| 555 | 373.578 | 3.12500 | -2.50000 |
| 556 | -0.447000 | 2.12500 | -4.25000 |
| 557 | -0.447000 | 5.62500 | -4.25000 |
| 558 | -1.61367 | 2.12500 | -4.25000 |
| 559 | -0.447000 | 9.12500 | -4.25000 |
| 560 | -1.61367 | 5.62500 | -4.25000 |
| 561 | -0.447000 | 10.2050 | -4.25000 |
| 562 | -1.44700 | 9.12500 | -4.25000 |
| 563 | -0.447000 | 1.04500 | -4.25000 |
| 564 | -1.44700 | 1.04500 | -4.25000 |
| 565 | -0.447000 | 5.62500 | -5.50000 |
| 566 | -0.447000 | 6.62500 | -4.25000 |
| 567 | -0.447000 | 5.62500 | -10.3000 |
| 568 | -0.447000 | 5.62500 | -6.10000 |
| 569 | -0.447000 | 5.62500 | -6.70000 |
| 570 | -0.447000 | 5.62500 | -7.30000 |
| 571 | -0.447000 | 5.62500 | -7.90000 |
| 572 | -0.447000 | 5.62500 | -8.50000 |
| 573 | -0.447000 | 5.62500 | -9.10000 |
| 574 | -0.447000 | 5.62500 | -9.70000 |
| 575 | -0.447000 | 6.62500 | -5.50000 |
| 576 | -0.447000 | 6.62500 | -6.10000 |
| 577 | -0.447000 | 6.62500 | -6.70000 |
| 578 | -0.447000 | 6.62500 | -7.30000 |
| 579 | -0.447000 | 6.62500 | -7.90000 |
| 580 | -0.447000 | 6.62500 | -8.50000 |
| 581 | -0.447000 | 6.62500 | -9.10000 |
| 582 | -0.447000 | 6.62500 | -9.70000 |
| 583 | -0.447000 | 5.62500 | -12.3000 |
| 584 | -0.447000 | 6.62500 | -10.3000 |
| 585 | -1.40000 | 9.12500 | -4.25000 |
| 586 | -1.40000 | 10.1250 | -4.25000 |
| 587 | 0.500000 | 9.12500 | -4.25000 |
| 588 | -0.447000 | 10.1250 | -4.25000 |
| 589 | -1.40000 | 2.12500 | -4.25000 |
| 590 | -1.40000 | 3.12500 | -4.25000 |
| 591 | 0.500000 | 2.12500 | -4.25000 |
| 592 | -0.447000 | 3.12500 | -4.25000 |
| 593 | 0.500000 | 2.12500 | -2.50000 |
| 594 | 0.500000 | 2.12500 | -3.00000 |
| 595 | 0.500000 | 3.12500 | -2.50000 |
| 596 | 0.500000 | 3.12500 | -3.00000 |
| 597 | -1.40000 | 2.12500 | -2.50000 |
| 598 | -1.40000 | 2.12500 | -3.00000 |
| 599 | -1.40000 | 3.12500 | -2.50000 |
| 600 | -1.40000 | 3.12500 | -3.00000 |
| 601 | 0.500000 | 9.12500 | -2.50000 |
| 602 | 0.500000 | 9.12500 | -3.00000 |
| 603 | 0.500000 | 10.1250 | -2.50000 |
| 604 | 0.500000 | 10.1250 | -3.00000 |
| 605 | -1.40000 | 9.12500 | -2.50000 |
| 606 | -1.40000 | 9.12500 | -3.00000 |
| 607 | -1.40000 | 10.1250 | -2.50000 |
| 608 | -1.40000 | 10.1250 | -3.00000 |
| 609 | -359.809 | 2.12500 | 0.000000E+00 |
| 610 | -359.809 | 2.12500 | -2.50000 |
| 611 | -359.809 | 3.12500 | 0.000000E+00 |
| 612 | -325.777 | 2.12500 | 0.000000E+00 |
| 613 | -325.777 | 2.12500 | -2.50000 |
| 614 | -325.777 | 3.12500 | 0.000000E+00 |
| 615 | -277.187 | 2.12500 | 0.000000E+00 |
| 616 | -277.187 | 2.12500 | -2.50000 |
| 617 | -277.187 | 3.12500 | 0.000000E+00 |
| 618 | -228.607 | 2.12500 | 0.000000E+00 |
| 619 | -228.607 | 2.12500 | -2.50000 |
| 620 | -228.607 | 3.12500 | 0.000000E+00 |
| 621 | -180.037 | 2.12500 | 0.000000E+00 |
| 622 | -180.037 | 2.12500 | -2.50000 |
| 623 | -180.037 | 3.12500 | 0.000000E+00 |
| 624 | -131.487 | 2.12500 | 0.000000E+00 |
| 625 | -131.487 | 2.12500 | -2.50000 |
| 626 | -131.487 | 3.12500 | 0.000000E+00 |
| 627 | -82.9570 | 2.12500 | 0.000000E+00 |
| 628 | -82.9570 | 2.12500 | -2.50000 |
| 629 | -82.9570 | 3.12500 | 0.000000E+00 |
| 630 | -34.4470 | 2.12500 | 0.000000E+00 |
| 631 | -34.4470 | 2.12500 | -2.50000 |
| 632 | -34.4470 | 3.12500 | 0.000000E+00 |
| 633 | -1.40000 | 2.12500 | 0.000000E+00 |
| 634 | -1.40000 | 2.12500 | -2.50000 |
| 635 | -1.40000 | 3.12500 | 0.000000E+00 |
| 636 | 0.500000 | 2.12500 | 0.000000E+00 |
| 637 | 0.500000 | 2.12500 | -2.50000 |
| 638 | 0.500000 | 3.12500 | 0.000000E+00 |
| 639 | 33.5470 | 2.12500 | 0.000000E+00 |
| 640 | 33.5470 | 2.12500 | -2.50000 |
| 641 | 33.5470 | 3.12500 | 0.000000E+00 |
| 642 | 82.0570 | 2.12500 | 0.000000E+00 |
| 643 | 82.0570 | 2.12500 | -2.50000 |
| 644 | 82.0570 | 3.12500 | 0.000000E+00 |
| 645 | 130.587 | 2.12500 | 0.000000E+00 |
| 646 | 130.587 | 2.12500 | -2.50000 |
| 647 | 130.587 | 3.12500 | 0.000000E+00 |
| 648 | 179.137 | 2.12500 | 0.000000E+00 |
| 649 | 179.137 | 2.12500 | -2.50000 |
| 650 | 179.137 | 3.12500 | 0.000000E+00 |
| 651 | 227.707 | 2.12500 | 0.000000E+00 |

| | | | |
|-----|----------|----------|--------------|
| 652 | 227.707 | 2.12500 | -2.50000 |
| 653 | 227.707 | 3.12500 | 0.000000E+00 |
| 654 | 276.287 | 2.12500 | 0.000000E+00 |
| 655 | 276.287 | 2.12500 | -2.50000 |
| 656 | 276.287 | 3.12500 | 0.000000E+00 |
| 657 | 324.877 | 2.12500 | 0.000000E+00 |
| 658 | 324.877 | 2.12500 | -2.50000 |
| 659 | 324.877 | 3.12500 | 0.000000E+00 |
| 660 | 373.578 | 2.12500 | 0.000000E+00 |
| 661 | 373.578 | 2.12500 | -2.50000 |
| 662 | 373.578 | 3.12500 | 0.000000E+00 |
| 663 | 407.610 | 2.12500 | 0.000000E+00 |
| 664 | 407.610 | 2.12500 | -2.50000 |
| 665 | 407.610 | 3.12500 | 0.000000E+00 |
| 666 | -359.809 | 9.12500 | 0.000000E+00 |
| 667 | -359.809 | 9.12500 | -2.50000 |
| 668 | -359.809 | 10.12500 | 0.000000E+00 |
| 669 | -325.777 | 9.12500 | 0.000000E+00 |
| 670 | -325.777 | 9.12500 | -2.50000 |
| 671 | -325.777 | 10.12500 | 0.000000E+00 |
| 672 | -277.187 | 9.12500 | 0.000000E+00 |
| 673 | -277.187 | 9.12500 | -2.50000 |
| 674 | -277.187 | 10.12500 | 0.000000E+00 |
| 675 | -228.607 | 9.12500 | 0.000000E+00 |
| 676 | -228.607 | 9.12500 | -2.50000 |
| 677 | -228.607 | 10.12500 | 0.000000E+00 |
| 678 | -180.037 | 9.12500 | 0.000000E+00 |
| 679 | -180.037 | 9.12500 | -2.50000 |
| 680 | -180.037 | 10.12500 | 0.000000E+00 |
| 681 | -131.487 | 9.12500 | 0.000000E+00 |
| 682 | -131.487 | 9.12500 | -2.50000 |
| 683 | -131.487 | 10.12500 | 0.000000E+00 |
| 684 | -82.9570 | 9.12500 | 0.000000E+00 |
| 685 | -82.9570 | 9.12500 | -2.50000 |
| 686 | -82.9570 | 10.12500 | 0.000000E+00 |
| 687 | -34.4470 | 9.12500 | 0.000000E+00 |
| 688 | -34.4470 | 9.12500 | -2.50000 |
| 689 | -34.4470 | 10.12500 | 0.000000E+00 |
| 690 | -1.40000 | 9.12500 | 0.000000E+00 |
| 691 | -1.40000 | 9.12500 | -2.50000 |
| 692 | -1.40000 | 10.12500 | 0.000000E+00 |
| 693 | 0.500000 | 9.12500 | 0.000000E+00 |
| 694 | 0.500000 | 9.12500 | -2.50000 |
| 695 | 0.500000 | 10.12500 | 0.000000E+00 |
| 696 | 33.5470 | 9.12500 | 0.000000E+00 |
| 697 | 33.5470 | 9.12500 | -2.50000 |
| 698 | 33.5470 | 10.12500 | 0.000000E+00 |
| 699 | 82.0570 | 9.12500 | 0.000000E+00 |
| 700 | 82.0570 | 9.12500 | -2.50000 |
| 701 | 82.0570 | 10.12500 | 0.000000E+00 |
| 702 | 130.587 | 9.12500 | 0.000000E+00 |
| 703 | 130.587 | 9.12500 | -2.50000 |
| 704 | 130.587 | 10.12500 | 0.000000E+00 |
| 705 | 179.137 | 9.12500 | 0.000000E+00 |
| 706 | 179.137 | 9.12500 | -2.50000 |
| 707 | 179.137 | 10.12500 | 0.000000E+00 |
| 708 | 227.707 | 9.12500 | 0.000000E+00 |
| 709 | 227.707 | 9.12500 | -2.50000 |
| 710 | 227.707 | 10.12500 | 0.000000E+00 |
| 711 | 276.287 | 9.12500 | 0.000000E+00 |
| 712 | 276.287 | 9.12500 | -2.50000 |
| 713 | 276.287 | 10.12500 | 0.000000E+00 |
| 714 | 324.877 | 9.12500 | 0.000000E+00 |
| 715 | 324.877 | 9.12500 | -2.50000 |
| 716 | 324.877 | 10.12500 | 0.000000E+00 |
| 717 | 373.578 | 9.12500 | 0.000000E+00 |
| 718 | 373.578 | 9.12500 | -2.50000 |
| 719 | 373.578 | 10.12500 | 0.000000E+00 |
| 720 | -357.476 | 9.12500 | 0.000000E+00 |
| 721 | 278.620 | 9.12500 | 0.000000E+00 |
| 722 | 327.210 | 9.12500 | 0.000000E+00 |
| 723 | 375.911 | 9.12500 | 0.000000E+00 |
| 724 | 407.610 | 9.12500 | 0.000000E+00 |
| 725 | 409.943 | 9.12500 | 0.000000E+00 |
| 726 | -354.947 | 9.12500 | 0.000000E+00 |
| 727 | -354.947 | 2.12500 | 0.000000E+00 |
| 728 | -352.614 | 9.12500 | 0.000000E+00 |
| 729 | -350.086 | 9.12500 | 0.000000E+00 |
| 730 | -350.086 | 2.12500 | 0.000000E+00 |
| 731 | -347.752 | 9.12500 | 0.000000E+00 |
| 732 | -345.224 | 9.12500 | 0.000000E+00 |
| 733 | -345.224 | 2.12500 | 0.000000E+00 |
| 734 | -342.891 | 9.12500 | 0.000000E+00 |
| 735 | -340.362 | 9.12500 | 0.000000E+00 |
| 736 | -340.362 | 2.12500 | 0.000000E+00 |
| 737 | -338.029 | 9.12500 | 0.000000E+00 |
| 738 | -335.500 | 9.12500 | 0.000000E+00 |
| 739 | -335.500 | 2.12500 | 0.000000E+00 |
| 740 | -333.167 | 9.12500 | 0.000000E+00 |
| 741 | -330.639 | 9.12500 | 0.000000E+00 |
| 742 | -330.639 | 2.12500 | 0.000000E+00 |
| 743 | -328.305 | 9.12500 | 0.000000E+00 |
| 744 | -29.7260 | 9.12500 | 0.000000E+00 |
| 745 | -29.7260 | 2.12500 | 0.000000E+00 |
| 746 | -27.3927 | 9.12500 | 0.000000E+00 |
| 747 | -25.0050 | 9.12500 | 0.000000E+00 |
| 748 | -25.0050 | 2.12500 | 0.000000E+00 |
| 749 | -22.6717 | 9.12500 | 0.000000E+00 |
| 750 | -20.2840 | 9.12500 | 0.000000E+00 |
| 751 | -20.2840 | 2.12500 | 0.000000E+00 |
| 752 | -17.9507 | 9.12500 | 0.000000E+00 |
| 753 | -15.5630 | 9.12500 | 0.000000E+00 |
| 754 | -15.5630 | 2.12500 | 0.000000E+00 |
| 755 | -13.2297 | 9.12500 | 0.000000E+00 |
| 756 | -10.8420 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 757 | -10.8420 | 2.12500 | 0.000000E+00 |
| 758 | -8.50867 | 9.12500 | 0.000000E+00 |
| 759 | -6.12100 | 9.12500 | 0.000000E+00 |
| 760 | -6.12100 | 2.12500 | 0.000000E+00 |
| 761 | -3.78767 | 9.12500 | 0.000000E+00 |
| 762 | 5.22100 | 9.12500 | 0.000000E+00 |
| 763 | 5.22100 | 2.12500 | 0.000000E+00 |
| 764 | 7.55433 | 9.12500 | 0.000000E+00 |
| 765 | 9.94200 | 9.12500 | 0.000000E+00 |
| 766 | 9.94200 | 2.12500 | 0.000000E+00 |
| 767 | 12.2753 | 9.12500 | 0.000000E+00 |
| 768 | 14.6630 | 9.12500 | 0.000000E+00 |
| 769 | 14.6630 | 2.12500 | 0.000000E+00 |
| 770 | 16.9963 | 9.12500 | 0.000000E+00 |
| 771 | 19.3840 | 9.12500 | 0.000000E+00 |
| 772 | 19.3840 | 2.12500 | 0.000000E+00 |
| 773 | 21.7173 | 9.12500 | 0.000000E+00 |
| 774 | 24.1050 | 9.12500 | 0.000000E+00 |
| 775 | 24.1050 | 2.12500 | 0.000000E+00 |
| 776 | 26.4383 | 9.12500 | 0.000000E+00 |
| 777 | 28.8260 | 9.12500 | 0.000000E+00 |
| 778 | 28.8260 | 2.12500 | 0.000000E+00 |
| 779 | 31.1593 | 9.12500 | 0.000000E+00 |
| 780 | 378.440 | 9.12500 | 0.000000E+00 |
| 781 | 378.440 | 2.12500 | 0.000000E+00 |
| 782 | 380.773 | 9.12500 | 0.000000E+00 |
| 783 | 383.301 | 9.12500 | 0.000000E+00 |
| 784 | 383.301 | 2.12500 | 0.000000E+00 |
| 785 | 385.635 | 9.12500 | 0.000000E+00 |
| 786 | 388.163 | 9.12500 | 0.000000E+00 |
| 787 | 388.163 | 2.12500 | 0.000000E+00 |
| 788 | 390.496 | 9.12500 | 0.000000E+00 |
| 789 | 393.025 | 9.12500 | 0.000000E+00 |
| 790 | 393.025 | 2.12500 | 0.000000E+00 |
| 791 | 395.358 | 9.12500 | 0.000000E+00 |
| 792 | 397.887 | 9.12500 | 0.000000E+00 |
| 793 | 397.887 | 2.12500 | 0.000000E+00 |
| 794 | 400.220 | 9.12500 | 0.000000E+00 |
| 795 | 402.748 | 9.12500 | 0.000000E+00 |
| 796 | 402.748 | 2.12500 | 0.000000E+00 |
| 797 | 405.082 | 9.12500 | 0.000000E+00 |
| 798 | -320.918 | 9.12500 | 0.000000E+00 |
| 799 | -320.918 | 2.12500 | 0.000000E+00 |
| 800 | -318.585 | 9.12500 | 0.000000E+00 |
| 801 | -316.059 | 9.12500 | 0.000000E+00 |
| 802 | -316.059 | 2.12500 | 0.000000E+00 |
| 803 | -313.726 | 9.12500 | 0.000000E+00 |
| 804 | -311.200 | 9.12500 | 0.000000E+00 |
| 805 | -311.200 | 2.12500 | 0.000000E+00 |
| 806 | -308.867 | 9.12500 | 0.000000E+00 |
| 807 | -306.341 | 9.12500 | 0.000000E+00 |
| 808 | -306.341 | 2.12500 | 0.000000E+00 |
| 809 | -304.008 | 9.12500 | 0.000000E+00 |
| 810 | -301.482 | 9.12500 | 0.000000E+00 |
| 811 | -301.482 | 2.12500 | 0.000000E+00 |
| 812 | -299.149 | 9.12500 | 0.000000E+00 |
| 813 | -296.623 | 9.12500 | 0.000000E+00 |
| 814 | -296.623 | 2.12500 | 0.000000E+00 |
| 815 | -294.290 | 9.12500 | 0.000000E+00 |
| 816 | -291.764 | 9.12500 | 0.000000E+00 |
| 817 | -291.764 | 2.12500 | 0.000000E+00 |
| 818 | -289.431 | 9.12500 | 0.000000E+00 |
| 819 | -286.905 | 9.12500 | 0.000000E+00 |
| 820 | -286.905 | 2.12500 | 0.000000E+00 |
| 821 | -284.572 | 9.12500 | 0.000000E+00 |
| 822 | -282.046 | 9.12500 | 0.000000E+00 |
| 823 | -282.046 | 2.12500 | 0.000000E+00 |
| 824 | -279.713 | 9.12500 | 0.000000E+00 |
| 825 | -272.329 | 9.12500 | 0.000000E+00 |
| 826 | -272.329 | 2.12500 | 0.000000E+00 |
| 827 | -269.996 | 9.12500 | 0.000000E+00 |
| 828 | -267.471 | 9.12500 | 0.000000E+00 |
| 829 | -267.471 | 2.12500 | 0.000000E+00 |
| 830 | -265.138 | 9.12500 | 0.000000E+00 |
| 831 | -262.613 | 9.12500 | 0.000000E+00 |
| 832 | -262.613 | 2.12500 | 0.000000E+00 |
| 833 | -260.280 | 9.12500 | 0.000000E+00 |
| 834 | -257.755 | 9.12500 | 0.000000E+00 |
| 835 | -257.755 | 2.12500 | 0.000000E+00 |
| 836 | -255.422 | 9.12500 | 0.000000E+00 |
| 837 | -252.897 | 9.12500 | 0.000000E+00 |
| 838 | -252.897 | 2.12500 | 0.000000E+00 |
| 839 | -250.564 | 9.12500 | 0.000000E+00 |
| 840 | -248.039 | 9.12500 | 0.000000E+00 |
| 841 | -248.039 | 2.12500 | 0.000000E+00 |
| 842 | -245.706 | 9.12500 | 0.000000E+00 |
| 843 | -243.181 | 9.12500 | 0.000000E+00 |
| 844 | -243.181 | 2.12500 | 0.000000E+00 |
| 845 | -240.848 | 9.12500 | 0.000000E+00 |
| 846 | -238.323 | 9.12500 | 0.000000E+00 |
| 847 | -238.323 | 2.12500 | 0.000000E+00 |
| 848 | -235.990 | 9.12500 | 0.000000E+00 |
| 849 | -233.465 | 9.12500 | 0.000000E+00 |
| 850 | -233.465 | 2.12500 | 0.000000E+00 |
| 851 | -231.132 | 9.12500 | 0.000000E+00 |
| 852 | -223.750 | 9.12500 | 0.000000E+00 |
| 853 | -223.750 | 2.12500 | 0.000000E+00 |
| 854 | -221.417 | 9.12500 | 0.000000E+00 |
| 855 | -218.893 | 9.12500 | 0.000000E+00 |
| 856 | -218.893 | 2.12500 | 0.000000E+00 |
| 857 | -216.560 | 9.12500 | 0.000000E+00 |
| 858 | -214.036 | 9.12500 | 0.000000E+00 |
| 859 | -214.036 | 2.12500 | 0.000000E+00 |
| 860 | -211.703 | 9.12500 | 0.000000E+00 |
| 861 | -209.179 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 862 | -209.179 | 2.12500 | 0.000000E+00 |
| 863 | -206.846 | 9.12500 | 0.000000E+00 |
| 864 | -204.322 | 9.12500 | 0.000000E+00 |
| 865 | -204.322 | 2.12500 | 0.000000E+00 |
| 866 | -201.989 | 9.12500 | 0.000000E+00 |
| 867 | -199.465 | 9.12500 | 0.000000E+00 |
| 868 | -199.465 | 2.12500 | 0.000000E+00 |
| 869 | -197.132 | 9.12500 | 0.000000E+00 |
| 870 | -194.608 | 9.12500 | 0.000000E+00 |
| 871 | -194.608 | 2.12500 | 0.000000E+00 |
| 872 | -192.275 | 9.12500 | 0.000000E+00 |
| 873 | -189.751 | 9.12500 | 0.000000E+00 |
| 874 | -189.751 | 2.12500 | 0.000000E+00 |
| 875 | -187.418 | 9.12500 | 0.000000E+00 |
| 876 | -184.894 | 9.12500 | 0.000000E+00 |
| 877 | -184.894 | 2.12500 | 0.000000E+00 |
| 878 | -182.561 | 9.12500 | 0.000000E+00 |
| 879 | -175.182 | 9.12500 | 0.000000E+00 |
| 880 | -175.182 | 2.12500 | 0.000000E+00 |
| 881 | -172.849 | 9.12500 | 0.000000E+00 |
| 882 | -170.327 | 9.12500 | 0.000000E+00 |
| 883 | -170.327 | 2.12500 | 0.000000E+00 |
| 884 | -167.994 | 9.12500 | 0.000000E+00 |
| 885 | -165.472 | 9.12500 | 0.000000E+00 |
| 886 | -165.472 | 2.12500 | 0.000000E+00 |
| 887 | -163.139 | 9.12500 | 0.000000E+00 |
| 888 | -160.617 | 9.12500 | 0.000000E+00 |
| 889 | -160.617 | 2.12500 | 0.000000E+00 |
| 890 | -158.284 | 9.12500 | 0.000000E+00 |
| 891 | -155.762 | 9.12500 | 0.000000E+00 |
| 892 | -155.762 | 2.12500 | 0.000000E+00 |
| 893 | -153.429 | 9.12500 | 0.000000E+00 |
| 894 | -150.907 | 9.12500 | 0.000000E+00 |
| 895 | -150.907 | 2.12500 | 0.000000E+00 |
| 896 | -148.574 | 9.12500 | 0.000000E+00 |
| 897 | -146.052 | 9.12500 | 0.000000E+00 |
| 898 | -146.052 | 2.12500 | 0.000000E+00 |
| 899 | -143.719 | 9.12500 | 0.000000E+00 |
| 900 | -141.197 | 9.12500 | 0.000000E+00 |
| 901 | -141.197 | 2.12500 | 0.000000E+00 |
| 902 | -138.864 | 9.12500 | 0.000000E+00 |
| 903 | -136.342 | 9.12500 | 0.000000E+00 |
| 904 | -136.342 | 2.12500 | 0.000000E+00 |
| 905 | -134.009 | 9.12500 | 0.000000E+00 |
| 906 | -126.634 | 9.12500 | 0.000000E+00 |
| 907 | -126.634 | 2.12500 | 0.000000E+00 |
| 908 | -124.301 | 9.12500 | 0.000000E+00 |
| 909 | -121.781 | 9.12500 | 0.000000E+00 |
| 910 | -121.781 | 2.12500 | 0.000000E+00 |
| 911 | -119.448 | 9.12500 | 0.000000E+00 |
| 912 | -116.928 | 9.12500 | 0.000000E+00 |
| 913 | -116.928 | 2.12500 | 0.000000E+00 |
| 914 | -114.595 | 9.12500 | 0.000000E+00 |
| 915 | -112.075 | 9.12500 | 0.000000E+00 |
| 916 | -112.075 | 2.12500 | 0.000000E+00 |
| 917 | -109.742 | 9.12500 | 0.000000E+00 |
| 918 | -107.222 | 9.12500 | 0.000000E+00 |
| 919 | -107.222 | 2.12500 | 0.000000E+00 |
| 920 | -104.889 | 9.12500 | 0.000000E+00 |
| 921 | -102.369 | 9.12500 | 0.000000E+00 |
| 922 | -102.369 | 2.12500 | 0.000000E+00 |
| 923 | -100.036 | 9.12500 | 0.000000E+00 |
| 924 | -97.5160 | 9.12500 | 0.000000E+00 |
| 925 | -97.5160 | 2.12500 | 0.000000E+00 |
| 926 | -95.1827 | 9.12500 | 0.000000E+00 |
| 927 | -92.6630 | 9.12500 | 0.000000E+00 |
| 928 | -92.6630 | 2.12500 | 0.000000E+00 |
| 929 | -90.3297 | 9.12500 | 0.000000E+00 |
| 930 | -87.8100 | 9.12500 | 0.000000E+00 |
| 931 | -87.8100 | 2.12500 | 0.000000E+00 |
| 932 | -85.4767 | 9.12500 | 0.000000E+00 |
| 933 | -78.1060 | 9.12500 | 0.000000E+00 |
| 934 | -78.1060 | 2.12500 | 0.000000E+00 |
| 935 | -75.7727 | 9.12500 | 0.000000E+00 |
| 936 | -73.2550 | 9.12500 | 0.000000E+00 |
| 937 | -73.2550 | 2.12500 | 0.000000E+00 |
| 938 | -70.9217 | 9.12500 | 0.000000E+00 |
| 939 | -68.4040 | 9.12500 | 0.000000E+00 |
| 940 | -68.4040 | 2.12500 | 0.000000E+00 |
| 941 | -66.0707 | 9.12500 | 0.000000E+00 |
| 942 | -63.5530 | 9.12500 | 0.000000E+00 |
| 943 | -63.5530 | 2.12500 | 0.000000E+00 |
| 944 | -61.2197 | 9.12500 | 0.000000E+00 |
| 945 | -58.7020 | 9.12500 | 0.000000E+00 |
| 946 | -58.7020 | 2.12500 | 0.000000E+00 |
| 947 | -56.3687 | 9.12500 | 0.000000E+00 |
| 948 | -53.8510 | 9.12500 | 0.000000E+00 |
| 949 | -53.8510 | 2.12500 | 0.000000E+00 |
| 950 | -51.5177 | 9.12500 | 0.000000E+00 |
| 951 | -49.0000 | 9.12500 | 0.000000E+00 |
| 952 | -49.0000 | 2.12500 | 0.000000E+00 |
| 953 | -46.6667 | 9.12500 | 0.000000E+00 |
| 954 | -44.1490 | 9.12500 | 0.000000E+00 |
| 955 | -44.1490 | 2.12500 | 0.000000E+00 |
| 956 | -41.8157 | 9.12500 | 0.000000E+00 |
| 957 | -39.2980 | 9.12500 | 0.000000E+00 |
| 958 | -39.2980 | 2.12500 | 0.000000E+00 |
| 959 | -36.9647 | 9.12500 | 0.000000E+00 |
| 960 | 38.3980 | 9.12500 | 0.000000E+00 |
| 961 | 38.3980 | 2.12500 | 0.000000E+00 |
| 962 | 40.7313 | 9.12500 | 0.000000E+00 |
| 963 | 43.2490 | 9.12500 | 0.000000E+00 |
| 964 | 43.2490 | 2.12500 | 0.000000E+00 |
| 965 | 45.5823 | 9.12500 | 0.000000E+00 |
| 966 | 48.1000 | 9.12500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 967 | 48.1000 | 2.12500 | 0.000000E+00 |
| 968 | 50.4333 | 9.12500 | 0.000000E+00 |
| 969 | 52.9510 | 9.12500 | 0.000000E+00 |
| 970 | 52.9510 | 2.12500 | 0.000000E+00 |
| 971 | 55.2843 | 9.12500 | 0.000000E+00 |
| 972 | 57.8020 | 9.12500 | 0.000000E+00 |
| 973 | 57.8020 | 2.12500 | 0.000000E+00 |
| 974 | 60.1353 | 9.12500 | 0.000000E+00 |
| 975 | 62.6530 | 9.12500 | 0.000000E+00 |
| 976 | 62.6530 | 2.12500 | 0.000000E+00 |
| 977 | 64.9863 | 9.12500 | 0.000000E+00 |
| 978 | 67.5040 | 9.12500 | 0.000000E+00 |
| 979 | 67.5040 | 2.12500 | 0.000000E+00 |
| 980 | 69.8373 | 9.12500 | 0.000000E+00 |
| 981 | 72.3550 | 9.12500 | 0.000000E+00 |
| 982 | 72.3550 | 2.12500 | 0.000000E+00 |
| 983 | 74.6883 | 9.12500 | 0.000000E+00 |
| 984 | 77.2060 | 9.12500 | 0.000000E+00 |
| 985 | 77.2060 | 2.12500 | 0.000000E+00 |
| 986 | 79.5393 | 9.12500 | 0.000000E+00 |
| 987 | 86.9100 | 9.12500 | 0.000000E+00 |
| 988 | 86.9100 | 2.12500 | 0.000000E+00 |
| 989 | 89.2433 | 9.12500 | 0.000000E+00 |
| 990 | 91.7630 | 9.12500 | 0.000000E+00 |
| 991 | 91.7630 | 2.12500 | 0.000000E+00 |
| 992 | 94.0963 | 9.12500 | 0.000000E+00 |
| 993 | 96.6160 | 9.12500 | 0.000000E+00 |
| 994 | 96.6160 | 2.12500 | 0.000000E+00 |
| 995 | 98.9493 | 9.12500 | 0.000000E+00 |
| 996 | 101.469 | 9.12500 | 0.000000E+00 |
| 997 | 101.469 | 2.12500 | 0.000000E+00 |
| 998 | 103.802 | 9.12500 | 0.000000E+00 |
| 999 | 106.322 | 9.12500 | 0.000000E+00 |
| 1000 | 106.322 | 2.12500 | 0.000000E+00 |
| 1001 | 108.655 | 9.12500 | 0.000000E+00 |
| 1002 | 111.175 | 9.12500 | 0.000000E+00 |
| 1003 | 111.175 | 2.12500 | 0.000000E+00 |
| 1004 | 113.508 | 9.12500 | 0.000000E+00 |
| 1005 | 116.028 | 9.12500 | 0.000000E+00 |
| 1006 | 116.028 | 2.12500 | 0.000000E+00 |
| 1007 | 118.361 | 9.12500 | 0.000000E+00 |
| 1008 | 120.881 | 9.12500 | 0.000000E+00 |
| 1009 | 120.881 | 2.12500 | 0.000000E+00 |
| 1010 | 123.214 | 9.12500 | 0.000000E+00 |
| 1011 | 125.734 | 9.12500 | 0.000000E+00 |
| 1012 | 125.734 | 2.12500 | 0.000000E+00 |
| 1013 | 128.067 | 9.12500 | 0.000000E+00 |
| 1014 | 135.442 | 9.12500 | 0.000000E+00 |
| 1015 | 135.442 | 2.12500 | 0.000000E+00 |
| 1016 | 137.775 | 9.12500 | 0.000000E+00 |
| 1017 | 140.297 | 9.12500 | 0.000000E+00 |
| 1018 | 140.297 | 2.12500 | 0.000000E+00 |
| 1019 | 142.630 | 9.12500 | 0.000000E+00 |
| 1020 | 145.152 | 9.12500 | 0.000000E+00 |
| 1021 | 145.152 | 2.12500 | 0.000000E+00 |
| 1022 | 147.485 | 9.12500 | 0.000000E+00 |
| 1023 | 150.007 | 9.12500 | 0.000000E+00 |
| 1024 | 150.007 | 2.12500 | 0.000000E+00 |
| 1025 | 152.340 | 9.12500 | 0.000000E+00 |
| 1026 | 154.862 | 9.12500 | 0.000000E+00 |
| 1027 | 154.862 | 2.12500 | 0.000000E+00 |
| 1028 | 157.195 | 9.12500 | 0.000000E+00 |
| 1029 | 159.717 | 9.12500 | 0.000000E+00 |
| 1030 | 159.717 | 2.12500 | 0.000000E+00 |
| 1031 | 162.050 | 9.12500 | 0.000000E+00 |
| 1032 | 164.572 | 9.12500 | 0.000000E+00 |
| 1033 | 164.572 | 2.12500 | 0.000000E+00 |
| 1034 | 166.905 | 9.12500 | 0.000000E+00 |
| 1035 | 169.427 | 9.12500 | 0.000000E+00 |
| 1036 | 169.427 | 2.12500 | 0.000000E+00 |
| 1037 | 171.760 | 9.12500 | 0.000000E+00 |
| 1038 | 174.282 | 9.12500 | 0.000000E+00 |
| 1039 | 174.282 | 2.12500 | 0.000000E+00 |
| 1040 | 176.615 | 9.12500 | 0.000000E+00 |
| 1041 | 183.994 | 9.12500 | 0.000000E+00 |
| 1042 | 183.994 | 2.12500 | 0.000000E+00 |
| 1043 | 186.327 | 9.12500 | 0.000000E+00 |
| 1044 | 188.851 | 9.12500 | 0.000000E+00 |
| 1045 | 188.851 | 2.12500 | 0.000000E+00 |
| 1046 | 191.184 | 9.12500 | 0.000000E+00 |
| 1047 | 193.708 | 9.12500 | 0.000000E+00 |
| 1048 | 193.708 | 2.12500 | 0.000000E+00 |
| 1049 | 196.041 | 9.12500 | 0.000000E+00 |
| 1050 | 198.565 | 9.12500 | 0.000000E+00 |
| 1051 | 198.565 | 2.12500 | 0.000000E+00 |
| 1052 | 200.898 | 9.12500 | 0.000000E+00 |
| 1053 | 203.422 | 9.12500 | 0.000000E+00 |
| 1054 | 203.422 | 2.12500 | 0.000000E+00 |
| 1055 | 205.755 | 9.12500 | 0.000000E+00 |
| 1056 | 208.279 | 9.12500 | 0.000000E+00 |
| 1057 | 208.279 | 2.12500 | 0.000000E+00 |
| 1058 | 210.612 | 9.12500 | 0.000000E+00 |
| 1059 | 213.136 | 9.12500 | 0.000000E+00 |
| 1060 | 213.136 | 2.12500 | 0.000000E+00 |
| 1061 | 215.469 | 9.12500 | 0.000000E+00 |
| 1062 | 217.993 | 9.12500 | 0.000000E+00 |
| 1063 | 217.993 | 2.12500 | 0.000000E+00 |
| 1064 | 220.326 | 9.12500 | 0.000000E+00 |
| 1065 | 222.850 | 9.12500 | 0.000000E+00 |
| 1066 | 222.850 | 2.12500 | 0.000000E+00 |
| 1067 | 225.183 | 9.12500 | 0.000000E+00 |
| 1068 | 232.565 | 9.12500 | 0.000000E+00 |
| 1069 | 232.565 | 2.12500 | 0.000000E+00 |
| 1070 | 234.898 | 9.12500 | 0.000000E+00 |
| 1071 | 237.423 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1072 | 237.423 | 2.12500 | 0.000000E+00 |
| 1073 | 239.756 | 9.12500 | 0.000000E+00 |
| 1074 | 242.281 | 9.12500 | 0.000000E+00 |
| 1075 | 242.281 | 2.12500 | 0.000000E+00 |
| 1076 | 244.614 | 9.12500 | 0.000000E+00 |
| 1077 | 247.139 | 9.12500 | 0.000000E+00 |
| 1078 | 247.139 | 2.12500 | 0.000000E+00 |
| 1079 | 249.472 | 9.12500 | 0.000000E+00 |
| 1080 | 251.997 | 9.12500 | 0.000000E+00 |
| 1081 | 251.997 | 2.12500 | 0.000000E+00 |
| 1082 | 254.330 | 9.12500 | 0.000000E+00 |
| 1083 | 256.855 | 9.12500 | 0.000000E+00 |
| 1084 | 256.855 | 2.12500 | 0.000000E+00 |
| 1085 | 259.188 | 9.12500 | 0.000000E+00 |
| 1086 | 261.713 | 9.12500 | 0.000000E+00 |
| 1087 | 261.713 | 2.12500 | 0.000000E+00 |
| 1088 | 264.046 | 9.12500 | 0.000000E+00 |
| 1089 | 266.571 | 9.12500 | 0.000000E+00 |
| 1090 | 266.571 | 2.12500 | 0.000000E+00 |
| 1091 | 268.904 | 9.12500 | 0.000000E+00 |
| 1092 | 271.429 | 9.12500 | 0.000000E+00 |
| 1093 | 271.429 | 2.12500 | 0.000000E+00 |
| 1094 | 273.762 | 9.12500 | 0.000000E+00 |
| 1095 | 281.146 | 9.12500 | 0.000000E+00 |
| 1096 | 281.146 | 2.12500 | 0.000000E+00 |
| 1097 | 283.479 | 9.12500 | 0.000000E+00 |
| 1098 | 286.005 | 9.12500 | 0.000000E+00 |
| 1099 | 286.005 | 2.12500 | 0.000000E+00 |
| 1100 | 288.338 | 9.12500 | 0.000000E+00 |
| 1101 | 290.864 | 9.12500 | 0.000000E+00 |
| 1102 | 290.864 | 2.12500 | 0.000000E+00 |
| 1103 | 293.197 | 9.12500 | 0.000000E+00 |
| 1104 | 295.723 | 9.12500 | 0.000000E+00 |
| 1105 | 295.723 | 2.12500 | 0.000000E+00 |
| 1106 | 298.056 | 9.12500 | 0.000000E+00 |
| 1107 | 300.582 | 9.12500 | 0.000000E+00 |
| 1108 | 300.582 | 2.12500 | 0.000000E+00 |
| 1109 | 302.915 | 9.12500 | 0.000000E+00 |
| 1110 | 305.441 | 9.12500 | 0.000000E+00 |
| 1111 | 305.441 | 2.12500 | 0.000000E+00 |
| 1112 | 307.774 | 9.12500 | 0.000000E+00 |
| 1113 | 310.300 | 9.12500 | 0.000000E+00 |
| 1114 | 310.300 | 2.12500 | 0.000000E+00 |
| 1115 | 312.633 | 9.12500 | 0.000000E+00 |
| 1116 | 315.159 | 9.12500 | 0.000000E+00 |
| 1117 | 315.159 | 2.12500 | 0.000000E+00 |
| 1118 | 317.492 | 9.12500 | 0.000000E+00 |
| 1119 | 320.018 | 9.12500 | 0.000000E+00 |
| 1120 | 320.018 | 2.12500 | 0.000000E+00 |
| 1121 | 322.351 | 9.12500 | 0.000000E+00 |
| 1122 | 329.747 | 9.12500 | 0.000000E+00 |
| 1123 | 329.747 | 2.12500 | 0.000000E+00 |
| 1124 | 332.080 | 9.12500 | 0.000000E+00 |
| 1125 | 334.617 | 9.12500 | 0.000000E+00 |
| 1126 | 334.617 | 2.12500 | 0.000000E+00 |
| 1127 | 336.951 | 9.12500 | 0.000000E+00 |
| 1128 | 339.487 | 9.12500 | 0.000000E+00 |
| 1129 | 339.487 | 2.12500 | 0.000000E+00 |
| 1130 | 341.821 | 9.12500 | 0.000000E+00 |
| 1131 | 344.357 | 9.12500 | 0.000000E+00 |
| 1132 | 344.357 | 2.12500 | 0.000000E+00 |
| 1133 | 346.691 | 9.12500 | 0.000000E+00 |
| 1134 | 349.227 | 9.12500 | 0.000000E+00 |
| 1135 | 349.227 | 2.12500 | 0.000000E+00 |
| 1136 | 351.561 | 9.12500 | 0.000000E+00 |
| 1137 | 354.098 | 9.12500 | 0.000000E+00 |
| 1138 | 354.098 | 2.12500 | 0.000000E+00 |
| 1139 | 356.431 | 9.12500 | 0.000000E+00 |
| 1140 | 358.968 | 9.12500 | 0.000000E+00 |
| 1141 | 358.968 | 2.12500 | 0.000000E+00 |
| 1142 | 361.301 | 9.12500 | 0.000000E+00 |
| 1143 | 363.838 | 9.12500 | 0.000000E+00 |
| 1144 | 363.838 | 2.12500 | 0.000000E+00 |
| 1145 | 366.171 | 9.12500 | 0.000000E+00 |
| 1146 | 368.708 | 9.12500 | 0.000000E+00 |
| 1147 | 368.708 | 2.12500 | 0.000000E+00 |
| 1148 | 371.041 | 9.12500 | 0.000000E+00 |
| 1149 | -323.444 | 9.12500 | 0.000000E+00 |
| 1150 | -274.854 | 9.12500 | 0.000000E+00 |
| 1151 | -226.274 | 9.12500 | 0.000000E+00 |
| 1152 | -177.704 | 9.12500 | 0.000000E+00 |
| 1153 | -129.154 | 9.12500 | 0.000000E+00 |
| 1154 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1155 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1156 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1157 | 2.833333 | 9.12500 | 0.000000E+00 |
| 1158 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1159 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1160 | 132.920 | 9.12500 | 0.000000E+00 |
| 1161 | 181.470 | 9.12500 | 0.000000E+00 |
| 1162 | 230.040 | 9.12500 | 0.000000E+00 |
| 1163 | -357.476 | 9.12500 | 0.000000E+00 |
| 1164 | 278.620 | 9.12500 | 0.000000E+00 |
| 1165 | 327.210 | 9.12500 | 0.000000E+00 |
| 1166 | 375.911 | 9.12500 | 0.000000E+00 |
| 1167 | -352.614 | 9.12500 | 0.000000E+00 |
| 1168 | -347.752 | 9.12500 | 0.000000E+00 |
| 1169 | -342.891 | 9.12500 | 0.000000E+00 |
| 1170 | -338.029 | 9.12500 | 0.000000E+00 |
| 1171 | -333.167 | 9.12500 | 0.000000E+00 |
| 1172 | -328.305 | 9.12500 | 0.000000E+00 |
| 1173 | -27.3927 | 9.12500 | 0.000000E+00 |
| 1174 | -22.6717 | 9.12500 | 0.000000E+00 |
| 1175 | -17.9507 | 9.12500 | 0.000000E+00 |
| 1176 | -13.2297 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1177 | -8.50867 | 9.12500 | 0.000000E+00 |
| 1178 | -3.78767 | 9.12500 | 0.000000E+00 |
| 1179 | 7.55433 | 9.12500 | 0.000000E+00 |
| 1180 | 12.2753 | 9.12500 | 0.000000E+00 |
| 1181 | 16.9963 | 9.12500 | 0.000000E+00 |
| 1182 | 21.7173 | 9.12500 | 0.000000E+00 |
| 1183 | 26.4383 | 9.12500 | 0.000000E+00 |
| 1184 | 31.1593 | 9.12500 | 0.000000E+00 |
| 1185 | 380.773 | 9.12500 | 0.000000E+00 |
| 1186 | 385.635 | 9.12500 | 0.000000E+00 |
| 1187 | 390.496 | 9.12500 | 0.000000E+00 |
| 1188 | 395.358 | 9.12500 | 0.000000E+00 |
| 1189 | 400.220 | 9.12500 | 0.000000E+00 |
| 1190 | 405.082 | 9.12500 | 0.000000E+00 |
| 1191 | -318.585 | 9.12500 | 0.000000E+00 |
| 1192 | -313.726 | 9.12500 | 0.000000E+00 |
| 1193 | -308.867 | 9.12500 | 0.000000E+00 |
| 1194 | -304.008 | 9.12500 | 0.000000E+00 |
| 1195 | -299.149 | 9.12500 | 0.000000E+00 |
| 1196 | -294.290 | 9.12500 | 0.000000E+00 |
| 1197 | -289.431 | 9.12500 | 0.000000E+00 |
| 1198 | -284.572 | 9.12500 | 0.000000E+00 |
| 1199 | -279.713 | 9.12500 | 0.000000E+00 |
| 1200 | -269.996 | 9.12500 | 0.000000E+00 |
| 1201 | -265.138 | 9.12500 | 0.000000E+00 |
| 1202 | -260.280 | 9.12500 | 0.000000E+00 |
| 1203 | -255.422 | 9.12500 | 0.000000E+00 |
| 1204 | -250.564 | 9.12500 | 0.000000E+00 |
| 1205 | -245.706 | 9.12500 | 0.000000E+00 |
| 1206 | -240.848 | 9.12500 | 0.000000E+00 |
| 1207 | -235.990 | 9.12500 | 0.000000E+00 |
| 1208 | -231.132 | 9.12500 | 0.000000E+00 |
| 1209 | -221.417 | 9.12500 | 0.000000E+00 |
| 1210 | -216.560 | 9.12500 | 0.000000E+00 |
| 1211 | -211.703 | 9.12500 | 0.000000E+00 |
| 1212 | -206.846 | 9.12500 | 0.000000E+00 |
| 1213 | -201.989 | 9.12500 | 0.000000E+00 |
| 1214 | -197.132 | 9.12500 | 0.000000E+00 |
| 1215 | -192.275 | 9.12500 | 0.000000E+00 |
| 1216 | -187.418 | 9.12500 | 0.000000E+00 |
| 1217 | -182.561 | 9.12500 | 0.000000E+00 |
| 1218 | -172.849 | 9.12500 | 0.000000E+00 |
| 1219 | -167.994 | 9.12500 | 0.000000E+00 |
| 1220 | -163.139 | 9.12500 | 0.000000E+00 |
| 1221 | -158.284 | 9.12500 | 0.000000E+00 |
| 1222 | -153.429 | 9.12500 | 0.000000E+00 |
| 1223 | -148.574 | 9.12500 | 0.000000E+00 |
| 1224 | -143.719 | 9.12500 | 0.000000E+00 |
| 1225 | -138.864 | 9.12500 | 0.000000E+00 |
| 1226 | -134.009 | 9.12500 | 0.000000E+00 |
| 1227 | -124.301 | 9.12500 | 0.000000E+00 |
| 1228 | -119.448 | 9.12500 | 0.000000E+00 |
| 1229 | -114.595 | 9.12500 | 0.000000E+00 |
| 1230 | -109.742 | 9.12500 | 0.000000E+00 |
| 1231 | -104.889 | 9.12500 | 0.000000E+00 |
| 1232 | -100.036 | 9.12500 | 0.000000E+00 |
| 1233 | -95.1827 | 9.12500 | 0.000000E+00 |
| 1234 | -90.3297 | 9.12500 | 0.000000E+00 |
| 1235 | -85.4767 | 9.12500 | 0.000000E+00 |
| 1236 | -75.7727 | 9.12500 | 0.000000E+00 |
| 1237 | -70.9217 | 9.12500 | 0.000000E+00 |
| 1238 | -66.0707 | 9.12500 | 0.000000E+00 |
| 1239 | -61.2197 | 9.12500 | 0.000000E+00 |
| 1240 | -56.3687 | 9.12500 | 0.000000E+00 |
| 1241 | -51.5177 | 9.12500 | 0.000000E+00 |
| 1242 | -46.6667 | 9.12500 | 0.000000E+00 |
| 1243 | -41.8157 | 9.12500 | 0.000000E+00 |
| 1244 | -36.9647 | 9.12500 | 0.000000E+00 |
| 1245 | 40.7313 | 9.12500 | 0.000000E+00 |
| 1246 | 45.5823 | 9.12500 | 0.000000E+00 |
| 1247 | 50.4333 | 9.12500 | 0.000000E+00 |
| 1248 | 55.2843 | 9.12500 | 0.000000E+00 |
| 1249 | 60.1353 | 9.12500 | 0.000000E+00 |
| 1250 | 64.9863 | 9.12500 | 0.000000E+00 |
| 1251 | 69.8373 | 9.12500 | 0.000000E+00 |
| 1252 | 74.6883 | 9.12500 | 0.000000E+00 |
| 1253 | 79.5393 | 9.12500 | 0.000000E+00 |
| 1254 | 89.2433 | 9.12500 | 0.000000E+00 |
| 1255 | 94.0963 | 9.12500 | 0.000000E+00 |
| 1256 | 98.9493 | 9.12500 | 0.000000E+00 |
| 1257 | 103.802 | 9.12500 | 0.000000E+00 |
| 1258 | 108.655 | 9.12500 | 0.000000E+00 |
| 1259 | 113.508 | 9.12500 | 0.000000E+00 |
| 1260 | 118.361 | 9.12500 | 0.000000E+00 |
| 1261 | 123.214 | 9.12500 | 0.000000E+00 |
| 1262 | 128.067 | 9.12500 | 0.000000E+00 |
| 1263 | 137.775 | 9.12500 | 0.000000E+00 |
| 1264 | 142.630 | 9.12500 | 0.000000E+00 |
| 1265 | 147.485 | 9.12500 | 0.000000E+00 |
| 1266 | 152.340 | 9.12500 | 0.000000E+00 |
| 1267 | 157.195 | 9.12500 | 0.000000E+00 |
| 1268 | 162.050 | 9.12500 | 0.000000E+00 |
| 1269 | 166.905 | 9.12500 | 0.000000E+00 |
| 1270 | 171.760 | 9.12500 | 0.000000E+00 |
| 1271 | 176.615 | 9.12500 | 0.000000E+00 |
| 1272 | 186.327 | 9.12500 | 0.000000E+00 |
| 1273 | 191.184 | 9.12500 | 0.000000E+00 |
| 1274 | 196.041 | 9.12500 | 0.000000E+00 |
| 1275 | 200.898 | 9.12500 | 0.000000E+00 |
| 1276 | 205.755 | 9.12500 | 0.000000E+00 |
| 1277 | 210.612 | 9.12500 | 0.000000E+00 |
| 1278 | 215.469 | 9.12500 | 0.000000E+00 |
| 1279 | 220.326 | 9.12500 | 0.000000E+00 |
| 1280 | 225.183 | 9.12500 | 0.000000E+00 |
| 1281 | 234.898 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1282 | 239.756 | 9.12500 | 0.000000E+00 |
| 1283 | 244.614 | 9.12500 | 0.000000E+00 |
| 1284 | 249.472 | 9.12500 | 0.000000E+00 |
| 1285 | 254.330 | 9.12500 | 0.000000E+00 |
| 1286 | 259.188 | 9.12500 | 0.000000E+00 |
| 1287 | 264.046 | 9.12500 | 0.000000E+00 |
| 1288 | 268.904 | 9.12500 | 0.000000E+00 |
| 1289 | 273.762 | 9.12500 | 0.000000E+00 |
| 1290 | 283.479 | 9.12500 | 0.000000E+00 |
| 1291 | 288.338 | 9.12500 | 0.000000E+00 |
| 1292 | 293.197 | 9.12500 | 0.000000E+00 |
| 1293 | 298.056 | 9.12500 | 0.000000E+00 |
| 1294 | 302.915 | 9.12500 | 0.000000E+00 |
| 1295 | 307.774 | 9.12500 | 0.000000E+00 |
| 1296 | 312.633 | 9.12500 | 0.000000E+00 |
| 1297 | 317.492 | 9.12500 | 0.000000E+00 |
| 1298 | 322.351 | 9.12500 | 0.000000E+00 |
| 1299 | 332.080 | 9.12500 | 0.000000E+00 |
| 1300 | 336.951 | 9.12500 | 0.000000E+00 |
| 1301 | 341.821 | 9.12500 | 0.000000E+00 |
| 1302 | 346.691 | 9.12500 | 0.000000E+00 |
| 1303 | 351.561 | 9.12500 | 0.000000E+00 |
| 1304 | 356.431 | 9.12500 | 0.000000E+00 |
| 1305 | 361.301 | 9.12500 | 0.000000E+00 |
| 1306 | 366.171 | 9.12500 | 0.000000E+00 |
| 1307 | 371.041 | 9.12500 | 0.000000E+00 |
| 1308 | -323.444 | 9.12500 | 0.000000E+00 |
| 1309 | -274.854 | 9.12500 | 0.000000E+00 |
| 1310 | -226.274 | 9.12500 | 0.000000E+00 |
| 1311 | -177.704 | 9.12500 | 0.000000E+00 |
| 1312 | -129.154 | 9.12500 | 0.000000E+00 |
| 1313 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1314 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1315 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1316 | 2.83333 | 9.12500 | 0.000000E+00 |
| 1317 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1318 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1319 | 132.920 | 9.12500 | 0.000000E+00 |
| 1320 | 181.470 | 9.12500 | 0.000000E+00 |
| 1321 | 230.040 | 9.12500 | 0.000000E+00 |
| 1322 | -359.809 | 0.000000E+00 | 0.000000E+00 |
| 1323 | -358.809 | 2.12500 | 0.000000E+00 |
| 1324 | 276.287 | 0.000000E+00 | 0.000000E+00 |
| 1325 | 277.287 | 2.12500 | 0.000000E+00 |
| 1326 | 324.877 | 0.000000E+00 | 0.000000E+00 |
| 1327 | 325.877 | 2.12500 | 0.000000E+00 |
| 1328 | -354.947 | 0.000000E+00 | 0.000000E+00 |
| 1329 | -353.947 | 2.12500 | 0.000000E+00 |
| 1330 | -350.086 | 0.000000E+00 | 0.000000E+00 |
| 1331 | -349.086 | 2.12500 | 0.000000E+00 |
| 1332 | -345.224 | 0.000000E+00 | 0.000000E+00 |
| 1333 | -344.224 | 2.12500 | 0.000000E+00 |
| 1334 | -340.362 | 0.000000E+00 | 0.000000E+00 |
| 1335 | -339.362 | 2.12500 | 0.000000E+00 |
| 1336 | -335.500 | 0.000000E+00 | 0.000000E+00 |
| 1337 | -334.500 | 2.12500 | 0.000000E+00 |
| 1338 | -330.639 | 0.000000E+00 | 0.000000E+00 |
| 1339 | -329.639 | 2.12500 | 0.000000E+00 |
| 1340 | -29.7260 | 0.000000E+00 | 0.000000E+00 |
| 1341 | -28.7260 | 2.12500 | 0.000000E+00 |
| 1342 | -25.0050 | 0.000000E+00 | 0.000000E+00 |
| 1343 | -24.0050 | 2.12500 | 0.000000E+00 |
| 1344 | -20.2840 | 0.000000E+00 | 0.000000E+00 |
| 1345 | -19.2840 | 2.12500 | 0.000000E+00 |
| 1346 | -15.5630 | 0.000000E+00 | 0.000000E+00 |
| 1347 | -14.5630 | 2.12500 | 0.000000E+00 |
| 1348 | -10.8420 | 0.000000E+00 | 0.000000E+00 |
| 1349 | -9.84200 | 2.12500 | 0.000000E+00 |
| 1350 | -6.12100 | 0.000000E+00 | 0.000000E+00 |
| 1351 | -5.12100 | 2.12500 | 0.000000E+00 |
| 1352 | 5.22100 | 0.000000E+00 | 0.000000E+00 |
| 1353 | 6.22100 | 2.12500 | 0.000000E+00 |
| 1354 | 9.94200 | 0.000000E+00 | 0.000000E+00 |
| 1355 | 10.9420 | 2.12500 | 0.000000E+00 |
| 1356 | 14.6630 | 0.000000E+00 | 0.000000E+00 |
| 1357 | 15.6630 | 2.12500 | 0.000000E+00 |
| 1358 | 19.3840 | 0.000000E+00 | 0.000000E+00 |
| 1359 | 20.3840 | 2.12500 | 0.000000E+00 |
| 1360 | 24.1050 | 0.000000E+00 | 0.000000E+00 |
| 1361 | 25.1050 | 2.12500 | 0.000000E+00 |
| 1362 | 28.8260 | 0.000000E+00 | 0.000000E+00 |
| 1363 | 29.8260 | 2.12500 | 0.000000E+00 |
| 1364 | -320.918 | 0.000000E+00 | 0.000000E+00 |
| 1365 | -319.918 | 2.12500 | 0.000000E+00 |
| 1366 | -316.059 | 0.000000E+00 | 0.000000E+00 |
| 1367 | -315.059 | 2.12500 | 0.000000E+00 |
| 1368 | -311.200 | 0.000000E+00 | 0.000000E+00 |
| 1369 | -310.200 | 2.12500 | 0.000000E+00 |
| 1370 | -306.341 | 0.000000E+00 | 0.000000E+00 |
| 1371 | -305.341 | 2.12500 | 0.000000E+00 |
| 1372 | -301.482 | 0.000000E+00 | 0.000000E+00 |
| 1373 | -300.482 | 2.12500 | 0.000000E+00 |
| 1374 | -296.623 | 0.000000E+00 | 0.000000E+00 |
| 1375 | -295.623 | 2.12500 | 0.000000E+00 |
| 1376 | -291.764 | 0.000000E+00 | 0.000000E+00 |
| 1377 | -290.764 | 2.12500 | 0.000000E+00 |
| 1378 | -286.905 | 0.000000E+00 | 0.000000E+00 |
| 1379 | -285.905 | 2.12500 | 0.000000E+00 |
| 1380 | -282.046 | 0.000000E+00 | 0.000000E+00 |
| 1381 | -281.046 | 2.12500 | 0.000000E+00 |
| 1382 | -272.329 | 0.000000E+00 | 0.000000E+00 |
| 1383 | -271.329 | 2.12500 | 0.000000E+00 |
| 1384 | -267.471 | 0.000000E+00 | 0.000000E+00 |
| 1385 | -266.471 | 2.12500 | 0.000000E+00 |
| 1386 | -262.613 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1387 | -261.613 | 2.12500 | 0.000000E+00 |
| 1388 | -257.755 | 0.000000E+00 | 0.000000E+00 |
| 1389 | -256.755 | 2.12500 | 0.000000E+00 |
| 1390 | -252.897 | 0.000000E+00 | 0.000000E+00 |
| 1391 | -251.897 | 2.12500 | 0.000000E+00 |
| 1392 | -248.039 | 0.000000E+00 | 0.000000E+00 |
| 1393 | -247.039 | 2.12500 | 0.000000E+00 |
| 1394 | -243.181 | 0.000000E+00 | 0.000000E+00 |
| 1395 | -242.181 | 2.12500 | 0.000000E+00 |
| 1396 | -238.323 | 0.000000E+00 | 0.000000E+00 |
| 1397 | -237.323 | 2.12500 | 0.000000E+00 |
| 1398 | -233.465 | 0.000000E+00 | 0.000000E+00 |
| 1399 | -232.465 | 2.12500 | 0.000000E+00 |
| 1400 | -223.750 | 0.000000E+00 | 0.000000E+00 |
| 1401 | -222.750 | 2.12500 | 0.000000E+00 |
| 1402 | -218.893 | 0.000000E+00 | 0.000000E+00 |
| 1403 | -217.893 | 2.12500 | 0.000000E+00 |
| 1404 | -214.036 | 0.000000E+00 | 0.000000E+00 |
| 1405 | -213.036 | 2.12500 | 0.000000E+00 |
| 1406 | -209.179 | 0.000000E+00 | 0.000000E+00 |
| 1407 | -208.179 | 2.12500 | 0.000000E+00 |
| 1408 | -204.322 | 0.000000E+00 | 0.000000E+00 |
| 1409 | -203.322 | 2.12500 | 0.000000E+00 |
| 1410 | -199.465 | 0.000000E+00 | 0.000000E+00 |
| 1411 | -198.465 | 2.12500 | 0.000000E+00 |
| 1412 | -194.608 | 0.000000E+00 | 0.000000E+00 |
| 1413 | -193.608 | 2.12500 | 0.000000E+00 |
| 1414 | -189.751 | 0.000000E+00 | 0.000000E+00 |
| 1415 | -188.751 | 2.12500 | 0.000000E+00 |
| 1416 | -184.894 | 0.000000E+00 | 0.000000E+00 |
| 1417 | -183.894 | 2.12500 | 0.000000E+00 |
| 1418 | -175.182 | 0.000000E+00 | 0.000000E+00 |
| 1419 | -174.182 | 2.12500 | 0.000000E+00 |
| 1420 | -170.327 | 0.000000E+00 | 0.000000E+00 |
| 1421 | -169.327 | 2.12500 | 0.000000E+00 |
| 1422 | -165.472 | 0.000000E+00 | 0.000000E+00 |
| 1423 | -164.472 | 2.12500 | 0.000000E+00 |
| 1424 | -160.617 | 0.000000E+00 | 0.000000E+00 |
| 1425 | -159.617 | 2.12500 | 0.000000E+00 |
| 1426 | -155.762 | 0.000000E+00 | 0.000000E+00 |
| 1427 | -154.762 | 2.12500 | 0.000000E+00 |
| 1428 | -150.907 | 0.000000E+00 | 0.000000E+00 |
| 1429 | -149.907 | 2.12500 | 0.000000E+00 |
| 1430 | -146.052 | 0.000000E+00 | 0.000000E+00 |
| 1431 | -145.052 | 2.12500 | 0.000000E+00 |
| 1432 | -141.197 | 0.000000E+00 | 0.000000E+00 |
| 1433 | -140.197 | 2.12500 | 0.000000E+00 |
| 1434 | -136.342 | 0.000000E+00 | 0.000000E+00 |
| 1435 | -135.342 | 2.12500 | 0.000000E+00 |
| 1436 | -126.634 | 0.000000E+00 | 0.000000E+00 |
| 1437 | -125.634 | 2.12500 | 0.000000E+00 |
| 1438 | -121.781 | 0.000000E+00 | 0.000000E+00 |
| 1439 | -120.781 | 2.12500 | 0.000000E+00 |
| 1440 | -116.928 | 0.000000E+00 | 0.000000E+00 |
| 1441 | -115.928 | 2.12500 | 0.000000E+00 |
| 1442 | -112.075 | 0.000000E+00 | 0.000000E+00 |
| 1443 | -111.075 | 2.12500 | 0.000000E+00 |
| 1444 | -107.222 | 0.000000E+00 | 0.000000E+00 |
| 1445 | -106.222 | 2.12500 | 0.000000E+00 |
| 1446 | -102.369 | 0.000000E+00 | 0.000000E+00 |
| 1447 | -101.369 | 2.12500 | 0.000000E+00 |
| 1448 | -97.5160 | 0.000000E+00 | 0.000000E+00 |
| 1449 | -96.5160 | 2.12500 | 0.000000E+00 |
| 1450 | -92.6630 | 0.000000E+00 | 0.000000E+00 |
| 1451 | -91.6630 | 2.12500 | 0.000000E+00 |
| 1452 | -87.8100 | 0.000000E+00 | 0.000000E+00 |
| 1453 | -86.8100 | 2.12500 | 0.000000E+00 |
| 1454 | -78.1060 | 0.000000E+00 | 0.000000E+00 |
| 1455 | -77.1060 | 2.12500 | 0.000000E+00 |
| 1456 | -73.2550 | 0.000000E+00 | 0.000000E+00 |
| 1457 | -72.2550 | 2.12500 | 0.000000E+00 |
| 1458 | -68.4040 | 0.000000E+00 | 0.000000E+00 |
| 1459 | -67.4040 | 2.12500 | 0.000000E+00 |
| 1460 | -63.5530 | 0.000000E+00 | 0.000000E+00 |
| 1461 | -62.5530 | 2.12500 | 0.000000E+00 |
| 1462 | -58.7020 | 0.000000E+00 | 0.000000E+00 |
| 1463 | -57.7020 | 2.12500 | 0.000000E+00 |
| 1464 | -53.8510 | 0.000000E+00 | 0.000000E+00 |
| 1465 | -52.8510 | 2.12500 | 0.000000E+00 |
| 1466 | -49.0000 | 0.000000E+00 | 0.000000E+00 |
| 1467 | -48.0000 | 2.12500 | 0.000000E+00 |
| 1468 | -44.1490 | 0.000000E+00 | 0.000000E+00 |
| 1469 | -43.1490 | 2.12500 | 0.000000E+00 |
| 1470 | -39.2980 | 0.000000E+00 | 0.000000E+00 |
| 1471 | -38.2980 | 2.12500 | 0.000000E+00 |
| 1472 | 38.3980 | 0.000000E+00 | 0.000000E+00 |
| 1473 | 39.3980 | 2.12500 | 0.000000E+00 |
| 1474 | 43.2490 | 0.000000E+00 | 0.000000E+00 |
| 1475 | 44.2490 | 2.12500 | 0.000000E+00 |
| 1476 | 48.1000 | 0.000000E+00 | 0.000000E+00 |
| 1477 | 49.1000 | 2.12500 | 0.000000E+00 |
| 1478 | 52.9510 | 0.000000E+00 | 0.000000E+00 |
| 1479 | 53.9510 | 2.12500 | 0.000000E+00 |
| 1480 | 57.8020 | 0.000000E+00 | 0.000000E+00 |
| 1481 | 58.8020 | 2.12500 | 0.000000E+00 |
| 1482 | 62.6530 | 0.000000E+00 | 0.000000E+00 |
| 1483 | 63.6530 | 2.12500 | 0.000000E+00 |
| 1484 | 67.5040 | 0.000000E+00 | 0.000000E+00 |
| 1485 | 68.5040 | 2.12500 | 0.000000E+00 |
| 1486 | 72.3550 | 0.000000E+00 | 0.000000E+00 |
| 1487 | 73.3550 | 2.12500 | 0.000000E+00 |
| 1488 | 77.2060 | 0.000000E+00 | 0.000000E+00 |
| 1489 | 78.2060 | 2.12500 | 0.000000E+00 |
| 1490 | 86.9100 | 0.000000E+00 | 0.000000E+00 |
| 1491 | 87.9100 | 2.12500 | 0.000000E+00 |

| | | | |
|------|---------|--------------|--------------|
| 1492 | 91.7630 | 0.000000E+00 | 0.000000E+00 |
| 1493 | 92.7630 | 2.12500 | 0.000000E+00 |
| 1494 | 96.6160 | 0.000000E+00 | 0.000000E+00 |
| 1495 | 97.6160 | 2.12500 | 0.000000E+00 |
| 1496 | 101.469 | 0.000000E+00 | 0.000000E+00 |
| 1497 | 102.469 | 2.12500 | 0.000000E+00 |
| 1498 | 106.322 | 0.000000E+00 | 0.000000E+00 |
| 1499 | 107.322 | 2.12500 | 0.000000E+00 |
| 1500 | 111.175 | 0.000000E+00 | 0.000000E+00 |
| 1501 | 112.175 | 2.12500 | 0.000000E+00 |
| 1502 | 116.028 | 0.000000E+00 | 0.000000E+00 |
| 1503 | 117.028 | 2.12500 | 0.000000E+00 |
| 1504 | 120.881 | 0.000000E+00 | 0.000000E+00 |
| 1505 | 121.881 | 2.12500 | 0.000000E+00 |
| 1506 | 125.734 | 0.000000E+00 | 0.000000E+00 |
| 1507 | 126.734 | 2.12500 | 0.000000E+00 |
| 1508 | 135.442 | 0.000000E+00 | 0.000000E+00 |
| 1509 | 136.442 | 2.12500 | 0.000000E+00 |
| 1510 | 140.297 | 0.000000E+00 | 0.000000E+00 |
| 1511 | 141.297 | 2.12500 | 0.000000E+00 |
| 1512 | 145.152 | 0.000000E+00 | 0.000000E+00 |
| 1513 | 146.152 | 2.12500 | 0.000000E+00 |
| 1514 | 150.007 | 0.000000E+00 | 0.000000E+00 |
| 1515 | 151.007 | 2.12500 | 0.000000E+00 |
| 1516 | 154.862 | 0.000000E+00 | 0.000000E+00 |
| 1517 | 155.862 | 2.12500 | 0.000000E+00 |
| 1518 | 159.717 | 0.000000E+00 | 0.000000E+00 |
| 1519 | 160.717 | 2.12500 | 0.000000E+00 |
| 1520 | 164.572 | 0.000000E+00 | 0.000000E+00 |
| 1521 | 165.572 | 2.12500 | 0.000000E+00 |
| 1522 | 169.427 | 0.000000E+00 | 0.000000E+00 |
| 1523 | 170.427 | 2.12500 | 0.000000E+00 |
| 1524 | 174.282 | 0.000000E+00 | 0.000000E+00 |
| 1525 | 175.282 | 2.12500 | 0.000000E+00 |
| 1526 | 183.994 | 0.000000E+00 | 0.000000E+00 |
| 1527 | 184.994 | 2.12500 | 0.000000E+00 |
| 1528 | 188.851 | 0.000000E+00 | 0.000000E+00 |
| 1529 | 189.851 | 2.12500 | 0.000000E+00 |
| 1530 | 193.708 | 0.000000E+00 | 0.000000E+00 |
| 1531 | 194.708 | 2.12500 | 0.000000E+00 |
| 1532 | 198.565 | 0.000000E+00 | 0.000000E+00 |
| 1533 | 199.565 | 2.12500 | 0.000000E+00 |
| 1534 | 203.422 | 0.000000E+00 | 0.000000E+00 |
| 1535 | 204.422 | 2.12500 | 0.000000E+00 |
| 1536 | 208.279 | 0.000000E+00 | 0.000000E+00 |
| 1537 | 209.279 | 2.12500 | 0.000000E+00 |
| 1538 | 213.136 | 0.000000E+00 | 0.000000E+00 |
| 1539 | 214.136 | 2.12500 | 0.000000E+00 |
| 1540 | 217.993 | 0.000000E+00 | 0.000000E+00 |
| 1541 | 218.993 | 2.12500 | 0.000000E+00 |
| 1542 | 222.850 | 0.000000E+00 | 0.000000E+00 |
| 1543 | 223.850 | 2.12500 | 0.000000E+00 |
| 1544 | 232.565 | 0.000000E+00 | 0.000000E+00 |
| 1545 | 233.565 | 2.12500 | 0.000000E+00 |
| 1546 | 237.423 | 0.000000E+00 | 0.000000E+00 |
| 1547 | 238.423 | 2.12500 | 0.000000E+00 |
| 1548 | 242.281 | 0.000000E+00 | 0.000000E+00 |
| 1549 | 243.281 | 2.12500 | 0.000000E+00 |
| 1550 | 247.139 | 0.000000E+00 | 0.000000E+00 |
| 1551 | 248.139 | 2.12500 | 0.000000E+00 |
| 1552 | 251.997 | 0.000000E+00 | 0.000000E+00 |
| 1553 | 252.997 | 2.12500 | 0.000000E+00 |
| 1554 | 256.855 | 0.000000E+00 | 0.000000E+00 |
| 1555 | 257.855 | 2.12500 | 0.000000E+00 |
| 1556 | 261.713 | 0.000000E+00 | 0.000000E+00 |
| 1557 | 262.713 | 2.12500 | 0.000000E+00 |
| 1558 | 266.571 | 0.000000E+00 | 0.000000E+00 |
| 1559 | 267.571 | 2.12500 | 0.000000E+00 |
| 1560 | 271.429 | 0.000000E+00 | 0.000000E+00 |
| 1561 | 272.429 | 2.12500 | 0.000000E+00 |
| 1562 | 281.146 | 0.000000E+00 | 0.000000E+00 |
| 1563 | 282.146 | 2.12500 | 0.000000E+00 |
| 1564 | 286.005 | 0.000000E+00 | 0.000000E+00 |
| 1565 | 287.005 | 2.12500 | 0.000000E+00 |
| 1566 | 290.864 | 0.000000E+00 | 0.000000E+00 |
| 1567 | 291.864 | 2.12500 | 0.000000E+00 |
| 1568 | 295.723 | 0.000000E+00 | 0.000000E+00 |
| 1569 | 296.723 | 2.12500 | 0.000000E+00 |
| 1570 | 300.582 | 0.000000E+00 | 0.000000E+00 |
| 1571 | 301.582 | 2.12500 | 0.000000E+00 |
| 1572 | 305.441 | 0.000000E+00 | 0.000000E+00 |
| 1573 | 306.441 | 2.12500 | 0.000000E+00 |
| 1574 | 310.300 | 0.000000E+00 | 0.000000E+00 |
| 1575 | 311.300 | 2.12500 | 0.000000E+00 |
| 1576 | 315.159 | 0.000000E+00 | 0.000000E+00 |
| 1577 | 316.159 | 2.12500 | 0.000000E+00 |
| 1578 | 320.018 | 0.000000E+00 | 0.000000E+00 |
| 1579 | 321.018 | 2.12500 | 0.000000E+00 |
| 1580 | 329.747 | 0.000000E+00 | 0.000000E+00 |
| 1581 | 330.747 | 2.12500 | 0.000000E+00 |
| 1582 | 334.617 | 0.000000E+00 | 0.000000E+00 |
| 1583 | 335.617 | 2.12500 | 0.000000E+00 |
| 1584 | 339.487 | 0.000000E+00 | 0.000000E+00 |
| 1585 | 340.487 | 2.12500 | 0.000000E+00 |
| 1586 | 344.357 | 0.000000E+00 | 0.000000E+00 |
| 1587 | 345.357 | 2.12500 | 0.000000E+00 |
| 1588 | 349.227 | 0.000000E+00 | 0.000000E+00 |
| 1589 | 350.227 | 2.12500 | 0.000000E+00 |
| 1590 | 354.098 | 0.000000E+00 | 0.000000E+00 |
| 1591 | 355.098 | 2.12500 | 0.000000E+00 |
| 1592 | 358.968 | 0.000000E+00 | 0.000000E+00 |
| 1593 | 359.968 | 2.12500 | 0.000000E+00 |
| 1594 | 363.838 | 0.000000E+00 | 0.000000E+00 |
| 1595 | 364.838 | 2.12500 | 0.000000E+00 |
| 1596 | 368.708 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|-----------|--------------|--------------|
| 1597 | 369.708 | 2.12500 | 0.000000E+00 |
| 1598 | -325.777 | 0.000000E+00 | 0.000000E+00 |
| 1599 | -324.777 | 2.12500 | 0.000000E+00 |
| 1600 | -277.187 | 0.000000E+00 | 0.000000E+00 |
| 1601 | -276.187 | 2.12500 | 0.000000E+00 |
| 1602 | -228.607 | 0.000000E+00 | 0.000000E+00 |
| 1603 | -227.607 | 2.12500 | 0.000000E+00 |
| 1604 | -180.037 | 0.000000E+00 | 0.000000E+00 |
| 1605 | -179.037 | 2.12500 | 0.000000E+00 |
| 1606 | -131.487 | 0.000000E+00 | 0.000000E+00 |
| 1607 | -130.487 | 2.12500 | 0.000000E+00 |
| 1608 | -82.9570 | 0.000000E+00 | 0.000000E+00 |
| 1609 | -81.9570 | 2.12500 | 0.000000E+00 |
| 1610 | -34.4470 | 0.000000E+00 | 0.000000E+00 |
| 1611 | -33.4470 | 2.12500 | 0.000000E+00 |
| 1612 | -1.40000 | 0.000000E+00 | 0.000000E+00 |
| 1613 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1614 | 0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1615 | 1.50000 | 2.12500 | 0.000000E+00 |
| 1616 | 33.5470 | 0.000000E+00 | 0.000000E+00 |
| 1617 | 34.5470 | 2.12500 | 0.000000E+00 |
| 1618 | 82.0570 | 0.000000E+00 | 0.000000E+00 |
| 1619 | 83.0570 | 2.12500 | 0.000000E+00 |
| 1620 | 130.587 | 0.000000E+00 | 0.000000E+00 |
| 1621 | 131.587 | 2.12500 | 0.000000E+00 |
| 1622 | 179.137 | 0.000000E+00 | 0.000000E+00 |
| 1623 | 180.137 | 2.12500 | 0.000000E+00 |
| 1624 | 227.707 | 0.000000E+00 | 0.000000E+00 |
| 1625 | 228.707 | 2.12500 | 0.000000E+00 |
| 1626 | -0.500000 | 2.12500 | 0.000000E+00 |
| 1627 | -0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1628 | 0.500000 | 2.12500 | 0.000000E+00 |
| 1629 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1630 | -0.400000 | 0.000000E+00 | 0.000000E+00 |
| 1631 | 0.600000 | 2.12500 | 0.000000E+00 |
| 1632 | -360.409 | 2.12500 | 0.000000E+00 |
| 1633 | -360.409 | 0.000000E+00 | 0.000000E+00 |
| 1634 | -359.409 | 2.12500 | 0.000000E+00 |
| 1635 | 408.210 | 2.12500 | 0.000000E+00 |
| 1636 | 408.210 | -1.17000 | 0.000000E+00 |
| 1637 | 409.308 | 2.12500 | 0.000000E+00 |
| 1638 | -359.809 | 11.2500 | 0.000000E+00 |
| 1639 | -360.809 | 9.12500 | 0.000000E+00 |
| 1640 | 276.287 | 11.2500 | 0.000000E+00 |
| 1641 | 275.287 | 9.12500 | 0.000000E+00 |
| 1642 | 324.877 | 11.2500 | 0.000000E+00 |
| 1643 | 323.877 | 9.12500 | 0.000000E+00 |
| 1644 | -354.947 | 11.2500 | 0.000000E+00 |
| 1645 | -355.947 | 9.12500 | 0.000000E+00 |
| 1646 | -350.086 | 11.2500 | 0.000000E+00 |
| 1647 | -351.086 | 9.12500 | 0.000000E+00 |
| 1648 | -345.224 | 11.2500 | 0.000000E+00 |
| 1649 | -346.224 | 9.12500 | 0.000000E+00 |
| 1650 | -340.362 | 11.2500 | 0.000000E+00 |
| 1651 | -341.362 | 9.12500 | 0.000000E+00 |
| 1652 | -335.500 | 11.2500 | 0.000000E+00 |
| 1653 | -336.500 | 9.12500 | 0.000000E+00 |
| 1654 | -330.639 | 11.2500 | 0.000000E+00 |
| 1655 | -331.639 | 9.12500 | 0.000000E+00 |
| 1656 | -29.7260 | 11.2500 | 0.000000E+00 |
| 1657 | -30.7260 | 9.12500 | 0.000000E+00 |
| 1658 | -25.0050 | 11.2500 | 0.000000E+00 |
| 1659 | -26.0050 | 9.12500 | 0.000000E+00 |
| 1660 | -20.2840 | 11.2500 | 0.000000E+00 |
| 1661 | -21.2840 | 9.12500 | 0.000000E+00 |
| 1662 | -15.5630 | 11.2500 | 0.000000E+00 |
| 1663 | -16.5630 | 9.12500 | 0.000000E+00 |
| 1664 | -10.8420 | 11.2500 | 0.000000E+00 |
| 1665 | -11.8420 | 9.12500 | 0.000000E+00 |
| 1666 | -6.12100 | 11.2500 | 0.000000E+00 |
| 1667 | -7.12100 | 9.12500 | 0.000000E+00 |
| 1668 | 5.22100 | 11.2500 | 0.000000E+00 |
| 1669 | 4.22100 | 9.12500 | 0.000000E+00 |
| 1670 | 9.94200 | 11.2500 | 0.000000E+00 |
| 1671 | 8.94200 | 9.12500 | 0.000000E+00 |
| 1672 | 14.6630 | 11.2500 | 0.000000E+00 |
| 1673 | 13.6630 | 9.12500 | 0.000000E+00 |
| 1674 | 19.3840 | 11.2500 | 0.000000E+00 |
| 1675 | 18.3840 | 9.12500 | 0.000000E+00 |
| 1676 | 24.1050 | 11.2500 | 0.000000E+00 |
| 1677 | 23.1050 | 9.12500 | 0.000000E+00 |
| 1678 | 28.8260 | 11.2500 | 0.000000E+00 |
| 1679 | 27.8260 | 9.12500 | 0.000000E+00 |
| 1680 | -320.918 | 11.2500 | 0.000000E+00 |
| 1681 | -321.918 | 9.12500 | 0.000000E+00 |
| 1682 | -316.059 | 11.2500 | 0.000000E+00 |
| 1683 | -317.059 | 9.12500 | 0.000000E+00 |
| 1684 | -311.200 | 11.2500 | 0.000000E+00 |
| 1685 | -312.200 | 9.12500 | 0.000000E+00 |
| 1686 | -306.341 | 11.2500 | 0.000000E+00 |
| 1687 | -307.341 | 9.12500 | 0.000000E+00 |
| 1688 | -301.482 | 11.2500 | 0.000000E+00 |
| 1689 | -302.482 | 9.12500 | 0.000000E+00 |
| 1690 | -296.623 | 11.2500 | 0.000000E+00 |
| 1691 | -297.623 | 9.12500 | 0.000000E+00 |
| 1692 | -291.764 | 11.2500 | 0.000000E+00 |
| 1693 | -292.764 | 9.12500 | 0.000000E+00 |
| 1694 | -286.905 | 11.2500 | 0.000000E+00 |
| 1695 | -287.905 | 9.12500 | 0.000000E+00 |
| 1696 | -282.046 | 11.2500 | 0.000000E+00 |
| 1697 | -283.046 | 9.12500 | 0.000000E+00 |
| 1698 | -272.329 | 11.2500 | 0.000000E+00 |
| 1699 | -273.329 | 9.12500 | 0.000000E+00 |
| 1700 | -267.471 | 11.2500 | 0.000000E+00 |
| 1701 | -268.471 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1702 | -262.613 | 11.2500 | 0.000000E+00 |
| 1703 | -263.613 | 9.12500 | 0.000000E+00 |
| 1704 | -257.755 | 11.2500 | 0.000000E+00 |
| 1705 | -258.755 | 9.12500 | 0.000000E+00 |
| 1706 | -252.897 | 11.2500 | 0.000000E+00 |
| 1707 | -253.897 | 9.12500 | 0.000000E+00 |
| 1708 | -248.039 | 11.2500 | 0.000000E+00 |
| 1709 | -249.039 | 9.12500 | 0.000000E+00 |
| 1710 | -243.181 | 11.2500 | 0.000000E+00 |
| 1711 | -244.181 | 9.12500 | 0.000000E+00 |
| 1712 | -238.323 | 11.2500 | 0.000000E+00 |
| 1713 | -239.323 | 9.12500 | 0.000000E+00 |
| 1714 | -233.465 | 11.2500 | 0.000000E+00 |
| 1715 | -234.465 | 9.12500 | 0.000000E+00 |
| 1716 | -223.750 | 11.2500 | 0.000000E+00 |
| 1717 | -224.750 | 9.12500 | 0.000000E+00 |
| 1718 | -218.893 | 11.2500 | 0.000000E+00 |
| 1719 | -219.893 | 9.12500 | 0.000000E+00 |
| 1720 | -214.036 | 11.2500 | 0.000000E+00 |
| 1721 | -215.036 | 9.12500 | 0.000000E+00 |
| 1722 | -209.179 | 11.2500 | 0.000000E+00 |
| 1723 | -210.179 | 9.12500 | 0.000000E+00 |
| 1724 | -204.322 | 11.2500 | 0.000000E+00 |
| 1725 | -205.322 | 9.12500 | 0.000000E+00 |
| 1726 | -199.465 | 11.2500 | 0.000000E+00 |
| 1727 | -200.465 | 9.12500 | 0.000000E+00 |
| 1728 | -194.608 | 11.2500 | 0.000000E+00 |
| 1729 | -195.608 | 9.12500 | 0.000000E+00 |
| 1730 | -189.751 | 11.2500 | 0.000000E+00 |
| 1731 | -190.751 | 9.12500 | 0.000000E+00 |
| 1732 | -184.894 | 11.2500 | 0.000000E+00 |
| 1733 | -185.894 | 9.12500 | 0.000000E+00 |
| 1734 | -175.182 | 11.2500 | 0.000000E+00 |
| 1735 | -176.182 | 9.12500 | 0.000000E+00 |
| 1736 | -170.327 | 11.2500 | 0.000000E+00 |
| 1737 | -171.327 | 9.12500 | 0.000000E+00 |
| 1738 | -165.472 | 11.2500 | 0.000000E+00 |
| 1739 | -166.472 | 9.12500 | 0.000000E+00 |
| 1740 | -160.617 | 11.2500 | 0.000000E+00 |
| 1741 | -161.617 | 9.12500 | 0.000000E+00 |
| 1742 | -155.762 | 11.2500 | 0.000000E+00 |
| 1743 | -156.762 | 9.12500 | 0.000000E+00 |
| 1744 | -150.907 | 11.2500 | 0.000000E+00 |
| 1745 | -151.907 | 9.12500 | 0.000000E+00 |
| 1746 | -146.052 | 11.2500 | 0.000000E+00 |
| 1747 | -147.052 | 9.12500 | 0.000000E+00 |
| 1748 | -141.197 | 11.2500 | 0.000000E+00 |
| 1749 | -142.197 | 9.12500 | 0.000000E+00 |
| 1750 | -136.342 | 11.2500 | 0.000000E+00 |
| 1751 | -137.342 | 9.12500 | 0.000000E+00 |
| 1752 | -126.634 | 11.2500 | 0.000000E+00 |
| 1753 | -127.634 | 9.12500 | 0.000000E+00 |
| 1754 | -121.781 | 11.2500 | 0.000000E+00 |
| 1755 | -122.781 | 9.12500 | 0.000000E+00 |
| 1756 | -116.928 | 11.2500 | 0.000000E+00 |
| 1757 | -117.928 | 9.12500 | 0.000000E+00 |
| 1758 | -112.075 | 11.2500 | 0.000000E+00 |
| 1759 | -113.075 | 9.12500 | 0.000000E+00 |
| 1760 | -107.222 | 11.2500 | 0.000000E+00 |
| 1761 | -108.222 | 9.12500 | 0.000000E+00 |
| 1762 | -102.369 | 11.2500 | 0.000000E+00 |
| 1763 | -103.369 | 9.12500 | 0.000000E+00 |
| 1764 | -97.5160 | 11.2500 | 0.000000E+00 |
| 1765 | -98.5160 | 9.12500 | 0.000000E+00 |
| 1766 | -92.6630 | 11.2500 | 0.000000E+00 |
| 1767 | -93.6630 | 9.12500 | 0.000000E+00 |
| 1768 | -87.8100 | 11.2500 | 0.000000E+00 |
| 1769 | -88.8100 | 9.12500 | 0.000000E+00 |
| 1770 | -78.1060 | 11.2500 | 0.000000E+00 |
| 1771 | -79.1060 | 9.12500 | 0.000000E+00 |
| 1772 | -73.2550 | 11.2500 | 0.000000E+00 |
| 1773 | -74.2550 | 9.12500 | 0.000000E+00 |
| 1774 | -68.4040 | 11.2500 | 0.000000E+00 |
| 1775 | -69.4040 | 9.12500 | 0.000000E+00 |
| 1776 | -63.5530 | 11.2500 | 0.000000E+00 |
| 1777 | -64.5530 | 9.12500 | 0.000000E+00 |
| 1778 | -58.7020 | 11.2500 | 0.000000E+00 |
| 1779 | -59.7020 | 9.12500 | 0.000000E+00 |
| 1780 | -53.8510 | 11.2500 | 0.000000E+00 |
| 1781 | -54.8510 | 9.12500 | 0.000000E+00 |
| 1782 | -49.0000 | 11.2500 | 0.000000E+00 |
| 1783 | -50.0000 | 9.12500 | 0.000000E+00 |
| 1784 | -44.1490 | 11.2500 | 0.000000E+00 |
| 1785 | -45.1490 | 9.12500 | 0.000000E+00 |
| 1786 | -39.2980 | 11.2500 | 0.000000E+00 |
| 1787 | -40.2980 | 9.12500 | 0.000000E+00 |
| 1788 | 38.3980 | 11.2500 | 0.000000E+00 |
| 1789 | 37.3980 | 9.12500 | 0.000000E+00 |
| 1790 | 43.2490 | 11.2500 | 0.000000E+00 |
| 1791 | 42.2490 | 9.12500 | 0.000000E+00 |
| 1792 | 48.1000 | 11.2500 | 0.000000E+00 |
| 1793 | 47.1000 | 9.12500 | 0.000000E+00 |
| 1794 | 52.9510 | 11.2500 | 0.000000E+00 |
| 1795 | 51.9510 | 9.12500 | 0.000000E+00 |
| 1796 | 57.8020 | 11.2500 | 0.000000E+00 |
| 1797 | 56.8020 | 9.12500 | 0.000000E+00 |
| 1798 | 62.6530 | 11.2500 | 0.000000E+00 |
| 1799 | 61.6530 | 9.12500 | 0.000000E+00 |
| 1800 | 67.5040 | 11.2500 | 0.000000E+00 |
| 1801 | 66.5040 | 9.12500 | 0.000000E+00 |
| 1802 | 72.3550 | 11.2500 | 0.000000E+00 |
| 1803 | 71.3550 | 9.12500 | 0.000000E+00 |
| 1804 | 77.2060 | 11.2500 | 0.000000E+00 |
| 1805 | 76.2060 | 9.12500 | 0.000000E+00 |
| 1806 | 86.9100 | 11.2500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 1807 | 85.9100 | 9.12500 | 0.000000E+00 |
| 1808 | 91.7630 | 11.2500 | 0.000000E+00 |
| 1809 | 90.7630 | 9.12500 | 0.000000E+00 |
| 1810 | 96.6160 | 11.2500 | 0.000000E+00 |
| 1811 | 95.6160 | 9.12500 | 0.000000E+00 |
| 1812 | 101.469 | 11.2500 | 0.000000E+00 |
| 1813 | 100.469 | 9.12500 | 0.000000E+00 |
| 1814 | 106.322 | 11.2500 | 0.000000E+00 |
| 1815 | 105.322 | 9.12500 | 0.000000E+00 |
| 1816 | 111.175 | 11.2500 | 0.000000E+00 |
| 1817 | 110.175 | 9.12500 | 0.000000E+00 |
| 1818 | 116.028 | 11.2500 | 0.000000E+00 |
| 1819 | 115.028 | 9.12500 | 0.000000E+00 |
| 1820 | 120.881 | 11.2500 | 0.000000E+00 |
| 1821 | 119.881 | 9.12500 | 0.000000E+00 |
| 1822 | 125.734 | 11.2500 | 0.000000E+00 |
| 1823 | 124.734 | 9.12500 | 0.000000E+00 |
| 1824 | 135.442 | 11.2500 | 0.000000E+00 |
| 1825 | 134.442 | 9.12500 | 0.000000E+00 |
| 1826 | 140.297 | 11.2500 | 0.000000E+00 |
| 1827 | 139.297 | 9.12500 | 0.000000E+00 |
| 1828 | 145.152 | 11.2500 | 0.000000E+00 |
| 1829 | 144.152 | 9.12500 | 0.000000E+00 |
| 1830 | 150.007 | 11.2500 | 0.000000E+00 |
| 1831 | 149.007 | 9.12500 | 0.000000E+00 |
| 1832 | 154.862 | 11.2500 | 0.000000E+00 |
| 1833 | 153.862 | 9.12500 | 0.000000E+00 |
| 1834 | 159.717 | 11.2500 | 0.000000E+00 |
| 1835 | 158.717 | 9.12500 | 0.000000E+00 |
| 1836 | 164.572 | 11.2500 | 0.000000E+00 |
| 1837 | 163.572 | 9.12500 | 0.000000E+00 |
| 1838 | 169.427 | 11.2500 | 0.000000E+00 |
| 1839 | 168.427 | 9.12500 | 0.000000E+00 |
| 1840 | 174.282 | 11.2500 | 0.000000E+00 |
| 1841 | 173.282 | 9.12500 | 0.000000E+00 |
| 1842 | 183.994 | 11.2500 | 0.000000E+00 |
| 1843 | 182.994 | 9.12500 | 0.000000E+00 |
| 1844 | 188.851 | 11.2500 | 0.000000E+00 |
| 1845 | 187.851 | 9.12500 | 0.000000E+00 |
| 1846 | 193.708 | 11.2500 | 0.000000E+00 |
| 1847 | 192.708 | 9.12500 | 0.000000E+00 |
| 1848 | 198.565 | 11.2500 | 0.000000E+00 |
| 1849 | 197.565 | 9.12500 | 0.000000E+00 |
| 1850 | 203.422 | 11.2500 | 0.000000E+00 |
| 1851 | 202.422 | 9.12500 | 0.000000E+00 |
| 1852 | 208.279 | 11.2500 | 0.000000E+00 |
| 1853 | 207.279 | 9.12500 | 0.000000E+00 |
| 1854 | 213.136 | 11.2500 | 0.000000E+00 |
| 1855 | 212.136 | 9.12500 | 0.000000E+00 |
| 1856 | 217.993 | 11.2500 | 0.000000E+00 |
| 1857 | 216.993 | 9.12500 | 0.000000E+00 |
| 1858 | 222.850 | 11.2500 | 0.000000E+00 |
| 1859 | 221.850 | 9.12500 | 0.000000E+00 |
| 1860 | 232.565 | 11.2500 | 0.000000E+00 |
| 1861 | 231.565 | 9.12500 | 0.000000E+00 |
| 1862 | 237.423 | 11.2500 | 0.000000E+00 |
| 1863 | 236.423 | 9.12500 | 0.000000E+00 |
| 1864 | 242.281 | 11.2500 | 0.000000E+00 |
| 1865 | 241.281 | 9.12500 | 0.000000E+00 |
| 1866 | 247.139 | 11.2500 | 0.000000E+00 |
| 1867 | 246.139 | 9.12500 | 0.000000E+00 |
| 1868 | 251.997 | 11.2500 | 0.000000E+00 |
| 1869 | 250.997 | 9.12500 | 0.000000E+00 |
| 1870 | 256.855 | 11.2500 | 0.000000E+00 |
| 1871 | 255.855 | 9.12500 | 0.000000E+00 |
| 1872 | 261.713 | 11.2500 | 0.000000E+00 |
| 1873 | 260.713 | 9.12500 | 0.000000E+00 |
| 1874 | 266.571 | 11.2500 | 0.000000E+00 |
| 1875 | 265.571 | 9.12500 | 0.000000E+00 |
| 1876 | 271.429 | 11.2500 | 0.000000E+00 |
| 1877 | 270.429 | 9.12500 | 0.000000E+00 |
| 1878 | 281.146 | 11.2500 | 0.000000E+00 |
| 1879 | 280.146 | 9.12500 | 0.000000E+00 |
| 1880 | 286.005 | 11.2500 | 0.000000E+00 |
| 1881 | 285.005 | 9.12500 | 0.000000E+00 |
| 1882 | 290.864 | 11.2500 | 0.000000E+00 |
| 1883 | 289.864 | 9.12500 | 0.000000E+00 |
| 1884 | 295.723 | 11.2500 | 0.000000E+00 |
| 1885 | 294.723 | 9.12500 | 0.000000E+00 |
| 1886 | 300.582 | 11.2500 | 0.000000E+00 |
| 1887 | 299.582 | 9.12500 | 0.000000E+00 |
| 1888 | 305.441 | 11.2500 | 0.000000E+00 |
| 1889 | 304.441 | 9.12500 | 0.000000E+00 |
| 1890 | 310.300 | 11.2500 | 0.000000E+00 |
| 1891 | 309.300 | 9.12500 | 0.000000E+00 |
| 1892 | 315.159 | 11.2500 | 0.000000E+00 |
| 1893 | 314.159 | 9.12500 | 0.000000E+00 |
| 1894 | 320.018 | 11.2500 | 0.000000E+00 |
| 1895 | 319.018 | 9.12500 | 0.000000E+00 |
| 1896 | 329.747 | 11.2500 | 0.000000E+00 |
| 1897 | 328.747 | 9.12500 | 0.000000E+00 |
| 1898 | 334.617 | 11.2500 | 0.000000E+00 |
| 1899 | 333.617 | 9.12500 | 0.000000E+00 |
| 1900 | 339.487 | 11.2500 | 0.000000E+00 |
| 1901 | 338.487 | 9.12500 | 0.000000E+00 |
| 1902 | 344.357 | 11.2500 | 0.000000E+00 |
| 1903 | 343.357 | 9.12500 | 0.000000E+00 |
| 1904 | 349.227 | 11.2500 | 0.000000E+00 |
| 1905 | 348.227 | 9.12500 | 0.000000E+00 |
| 1906 | 354.098 | 11.2500 | 0.000000E+00 |
| 1907 | 353.098 | 9.12500 | 0.000000E+00 |
| 1908 | 358.968 | 11.2500 | 0.000000E+00 |
| 1909 | 357.968 | 9.12500 | 0.000000E+00 |
| 1910 | 363.838 | 11.2500 | 0.000000E+00 |
| 1911 | 362.838 | 9.12500 | 0.000000E+00 |

| | | | |
|------|-----------|-----------|--------------|
| 1912 | 368.708 | 11.2500 | 0.000000E+00 |
| 1913 | 367.708 | 9.12500 | 0.000000E+00 |
| 1914 | -325.777 | 11.2500 | 0.000000E+00 |
| 1915 | -326.777 | 9.12500 | 0.000000E+00 |
| 1916 | -277.187 | 11.2500 | 0.000000E+00 |
| 1917 | -278.187 | 9.12500 | 0.000000E+00 |
| 1918 | -228.607 | 11.2500 | 0.000000E+00 |
| 1919 | -229.607 | 9.12500 | 0.000000E+00 |
| 1920 | -180.037 | 11.2500 | 0.000000E+00 |
| 1921 | -181.037 | 9.12500 | 0.000000E+00 |
| 1922 | -131.487 | 11.2500 | 0.000000E+00 |
| 1923 | -132.487 | 9.12500 | 0.000000E+00 |
| 1924 | -82.9570 | 11.2500 | 0.000000E+00 |
| 1925 | -83.9570 | 9.12500 | 0.000000E+00 |
| 1926 | -34.4470 | 11.2500 | 0.000000E+00 |
| 1927 | -35.4470 | 9.12500 | 0.000000E+00 |
| 1928 | -1.40000 | 11.2500 | 0.000000E+00 |
| 1929 | -2.40000 | 9.12500 | 0.000000E+00 |
| 1930 | 0.500000 | 11.2500 | 0.000000E+00 |
| 1931 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1932 | 33.5470 | 11.2500 | 0.000000E+00 |
| 1933 | 32.5470 | 9.12500 | 0.000000E+00 |
| 1934 | 82.0570 | 11.2500 | 0.000000E+00 |
| 1935 | 81.0570 | 9.12500 | 0.000000E+00 |
| 1936 | 130.587 | 11.2500 | 0.000000E+00 |
| 1937 | 129.587 | 9.12500 | 0.000000E+00 |
| 1938 | 179.137 | 11.2500 | 0.000000E+00 |
| 1939 | 178.137 | 9.12500 | 0.000000E+00 |
| 1940 | 227.707 | 11.2500 | 0.000000E+00 |
| 1941 | 226.707 | 9.12500 | 0.000000E+00 |
| 1942 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1943 | -0.500000 | 11.2500 | 0.000000E+00 |
| 1944 | -1.50000 | 9.12500 | 0.000000E+00 |
| 1945 | -0.400000 | 9.12500 | 0.000000E+00 |
| 1946 | -0.400000 | 11.2500 | 0.000000E+00 |
| 1947 | -1.40000 | 9.12500 | 0.000000E+00 |
| 1948 | -360.409 | 9.12500 | 0.000000E+00 |
| 1949 | -360.409 | 11.2500 | 0.000000E+00 |
| 1950 | -361.409 | 9.12500 | 0.000000E+00 |
| 1951 | 408.210 | 9.12500 | 0.000000E+00 |
| 1952 | 408.210 | 12.4200 | 0.000000E+00 |
| 1953 | 407.112 | 9.12500 | 0.000000E+00 |
| 1954 | 373.578 | 11.3942 | 0.000000E+00 |
| 1955 | 372.578 | 9.12500 | 0.000000E+00 |
| 1956 | 378.440 | 11.5382 | 0.000000E+00 |
| 1957 | 377.440 | 9.12500 | 0.000000E+00 |
| 1958 | 383.301 | 11.6822 | 0.000000E+00 |
| 1959 | 382.301 | 9.12500 | 0.000000E+00 |
| 1960 | 409.943 | 9.12500 | 0.000000E+00 |
| 1961 | 388.163 | 11.8262 | 0.000000E+00 |
| 1962 | 387.163 | 9.12500 | 0.000000E+00 |
| 1963 | 393.025 | 11.9702 | 0.000000E+00 |
| 1964 | 392.025 | 9.12500 | 0.000000E+00 |
| 1965 | 397.887 | 12.1142 | 0.000000E+00 |
| 1966 | 396.887 | 9.12500 | 0.000000E+00 |
| 1967 | 402.748 | 12.2582 | 0.000000E+00 |
| 1968 | 401.704 | 9.12500 | 0.000000E+00 |
| 1969 | 407.610 | 12.4022 | 0.000000E+00 |
| 1970 | 406.518 | 9.12500 | 0.000000E+00 |
| 1971 | 373.578 | -0.144246 | 0.000000E+00 |
| 1972 | 374.578 | 2.12500 | 0.000000E+00 |
| 1973 | 378.440 | -0.288243 | 0.000000E+00 |
| 1974 | 379.440 | 2.12500 | 0.000000E+00 |
| 1975 | 383.301 | -0.432241 | 0.000000E+00 |
| 1976 | 384.301 | 2.12500 | 0.000000E+00 |
| 1977 | 388.163 | -0.576239 | 0.000000E+00 |
| 1978 | 389.163 | 2.12500 | 0.000000E+00 |
| 1979 | 393.025 | -0.720236 | 0.000000E+00 |
| 1980 | 394.025 | 2.12500 | 0.000000E+00 |
| 1981 | 397.887 | -0.864234 | 0.000000E+00 |
| 1982 | 398.887 | 2.12500 | 0.000000E+00 |
| 1983 | 402.748 | -1.00823 | 0.000000E+00 |
| 1984 | 403.793 | 2.12500 | 0.000000E+00 |
| 1985 | 407.610 | -1.15223 | 0.000000E+00 |
| 1986 | 408.702 | 2.12500 | 0.000000E+00 |
| 1987 | 399.602 | 2.12500 | 0.000000E+00 |
| 1988 | 399.602 | 3.17376 | 0.000000E+00 |
| 1989 | 402.748 | 3.74557 | 0.000000E+00 |
| 1990 | 389.593 | 2.12500 | 0.000000E+00 |
| 1991 | 389.593 | 3.26895 | 0.000000E+00 |
| 1992 | 397.887 | 3.12500 | 0.000000E+00 |
| 1993 | 393.025 | 3.74557 | 0.000000E+00 |
| 1994 | 379.584 | 2.12500 | 0.000000E+00 |
| 1995 | 379.584 | 3.36414 | 0.000000E+00 |
| 1996 | 388.163 | 3.12500 | 0.000000E+00 |
| 1997 | 383.301 | 3.74557 | 0.000000E+00 |
| 1998 | 373.578 | 3.74557 | 0.000000E+00 |
| 1999 | 378.440 | 3.12500 | 0.000000E+00 |
| 2000 | 367.574 | 2.12500 | 0.000000E+00 |
| 2001 | 367.574 | 3.12500 | 0.000000E+00 |
| 2002 | 368.708 | 3.74837 | 0.000000E+00 |
| 2003 | 355.186 | 2.12500 | 0.000000E+00 |
| 2004 | 355.186 | 3.38557 | 0.000000E+00 |
| 2005 | 363.838 | 3.37040 | 0.000000E+00 |
| 2006 | 358.968 | 3.74837 | 0.000000E+00 |
| 2007 | 343.163 | 2.12500 | 0.000000E+00 |
| 2008 | 343.163 | 3.12500 | 0.000000E+00 |
| 2009 | 354.098 | 3.12500 | 0.000000E+00 |
| 2010 | 349.227 | 3.74837 | 0.000000E+00 |
| 2011 | 344.357 | 3.74837 | 0.000000E+00 |
| 2012 | 330.890 | 2.12500 | 0.000000E+00 |
| 2013 | 330.890 | 3.36740 | 0.000000E+00 |
| 2014 | 339.487 | 3.35023 | 0.000000E+00 |
| 2015 | 334.617 | 3.74837 | 0.000000E+00 |
| 2016 | 324.877 | 3.74837 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 2017 | 329.747 | 3.12500 | 0.000000E+00 |
| 2018 | 318.866 | 2.12500 | 0.000000E+00 |
| 2019 | 318.866 | 3.12500 | 0.000000E+00 |
| 2020 | 320.018 | 3.74467 | 0.000000E+00 |
| 2021 | 306.593 | 2.12500 | 0.000000E+00 |
| 2022 | 306.593 | 3.36067 | 0.000000E+00 |
| 2023 | 315.159 | 3.36067 | 0.000000E+00 |
| 2024 | 310.300 | 3.74467 | 0.000000E+00 |
| 2025 | 294.571 | 2.12500 | 0.000000E+00 |
| 2026 | 294.571 | 3.12500 | 0.000000E+00 |
| 2027 | 305.441 | 3.12500 | 0.000000E+00 |
| 2028 | 300.582 | 3.74467 | 0.000000E+00 |
| 2029 | 295.723 | 3.74467 | 0.000000E+00 |
| 2030 | 282.298 | 2.12500 | 0.000000E+00 |
| 2031 | 282.298 | 3.36067 | 0.000000E+00 |
| 2032 | 290.864 | 3.36067 | 0.000000E+00 |
| 2033 | 286.005 | 3.74467 | 0.000000E+00 |
| 2034 | 276.287 | 3.74467 | 0.000000E+00 |
| 2035 | 281.146 | 3.12500 | 0.000000E+00 |
| 2036 | 270.278 | 2.12500 | 0.000000E+00 |
| 2037 | 270.278 | 3.12500 | 0.000000E+00 |
| 2038 | 271.429 | 3.74433 | 0.000000E+00 |
| 2039 | 258.007 | 2.12500 | 0.000000E+00 |
| 2040 | 258.007 | 3.36033 | 0.000000E+00 |
| 2041 | 266.571 | 3.36067 | 0.000000E+00 |
| 2042 | 261.713 | 3.74433 | 0.000000E+00 |
| 2043 | 245.987 | 2.12500 | 0.000000E+00 |
| 2044 | 245.987 | 3.12500 | 0.000000E+00 |
| 2045 | 256.855 | 3.12500 | 0.000000E+00 |
| 2046 | 251.997 | 3.74433 | 0.000000E+00 |
| 2047 | 247.139 | 3.74433 | 0.000000E+00 |
| 2048 | 233.716 | 2.12500 | 0.000000E+00 |
| 2049 | 233.716 | 3.36067 | 0.000000E+00 |
| 2050 | 242.281 | 3.36033 | 0.000000E+00 |
| 2051 | 237.423 | 3.74433 | 0.000000E+00 |
| 2052 | 227.707 | 3.74433 | 0.000000E+00 |
| 2053 | 232.565 | 3.12500 | 0.000000E+00 |
| 2054 | 221.697 | 2.12500 | 0.000000E+00 |
| 2055 | 221.697 | 3.12500 | 0.000000E+00 |
| 2056 | 222.850 | 3.74400 | 0.000000E+00 |
| 2057 | 209.430 | 2.12500 | 0.000000E+00 |
| 2058 | 209.430 | 3.36033 | 0.000000E+00 |
| 2059 | 217.993 | 3.35967 | 0.000000E+00 |
| 2060 | 213.136 | 3.74400 | 0.000000E+00 |
| 2061 | 197.414 | 2.12500 | 0.000000E+00 |
| 2062 | 197.414 | 3.12500 | 0.000000E+00 |
| 2063 | 208.279 | 3.12500 | 0.000000E+00 |
| 2064 | 203.422 | 3.74400 | 0.000000E+00 |
| 2065 | 198.565 | 3.74400 | 0.000000E+00 |
| 2066 | 185.147 | 2.12500 | 0.000000E+00 |
| 2067 | 185.147 | 3.35967 | 0.000000E+00 |
| 2068 | 193.708 | 3.36033 | 0.000000E+00 |
| 2069 | 188.851 | 3.74400 | 0.000000E+00 |
| 2070 | 179.137 | 3.74400 | 0.000000E+00 |
| 2071 | 183.994 | 3.12500 | 0.000000E+00 |
| 2072 | 173.130 | 2.12500 | 0.000000E+00 |
| 2073 | 173.130 | 3.12500 | 0.000000E+00 |
| 2074 | 174.282 | 3.74333 | 0.000000E+00 |
| 2075 | 160.868 | 2.12500 | 0.000000E+00 |
| 2076 | 160.868 | 3.35967 | 0.000000E+00 |
| 2077 | 169.427 | 3.35933 | 0.000000E+00 |
| 2078 | 164.572 | 3.74333 | 0.000000E+00 |
| 2079 | 148.856 | 2.12500 | 0.000000E+00 |
| 2080 | 148.856 | 3.12500 | 0.000000E+00 |
| 2081 | 159.717 | 3.12500 | 0.000000E+00 |
| 2082 | 154.862 | 3.74333 | 0.000000E+00 |
| 2083 | 150.007 | 3.74333 | 0.000000E+00 |
| 2084 | 136.594 | 2.12500 | 0.000000E+00 |
| 2085 | 136.594 | 3.35933 | 0.000000E+00 |
| 2086 | 145.152 | 3.35967 | 0.000000E+00 |
| 2087 | 140.297 | 3.74333 | 0.000000E+00 |
| 2088 | 130.587 | 3.74333 | 0.000000E+00 |
| 2089 | 135.442 | 3.12500 | 0.000000E+00 |
| 2090 | 124.582 | 2.12500 | 0.000000E+00 |
| 2091 | 124.582 | 3.12500 | 0.000000E+00 |
| 2092 | 125.734 | 3.74267 | 0.000000E+00 |
| 2093 | 112.325 | 2.12500 | 0.000000E+00 |
| 2094 | 112.325 | 3.35933 | 0.000000E+00 |
| 2095 | 120.881 | 3.35867 | 0.000000E+00 |
| 2096 | 116.028 | 3.74267 | 0.000000E+00 |
| 2097 | 100.318 | 2.12500 | 0.000000E+00 |
| 2098 | 100.318 | 3.12500 | 0.000000E+00 |
| 2099 | 111.175 | 3.12500 | 0.000000E+00 |
| 2100 | 106.322 | 3.74267 | 0.000000E+00 |
| 2101 | 101.469 | 3.74267 | 0.000000E+00 |
| 2102 | 88.0610 | 2.12500 | 0.000000E+00 |
| 2103 | 88.0610 | 3.35900 | 0.000000E+00 |
| 2104 | 96.6160 | 3.35900 | 0.000000E+00 |
| 2105 | 91.7630 | 3.74267 | 0.000000E+00 |
| 2106 | 82.0570 | 3.74267 | 0.000000E+00 |
| 2107 | 86.9100 | 3.12500 | 0.000000E+00 |
| 2108 | 76.0550 | 2.12500 | 0.000000E+00 |
| 2109 | 76.0550 | 3.12500 | 0.000000E+00 |
| 2110 | 77.2060 | 3.74200 | 0.000000E+00 |
| 2111 | 63.8030 | 2.12500 | 0.000000E+00 |
| 2112 | 63.8030 | 3.35867 | 0.000000E+00 |
| 2113 | 72.3550 | 3.35833 | 0.000000E+00 |
| 2114 | 67.5040 | 3.74200 | 0.000000E+00 |
| 2115 | 51.8010 | 2.12500 | 0.000000E+00 |
| 2116 | 51.8010 | 3.12500 | 0.000000E+00 |
| 2117 | 62.6530 | 3.12500 | 0.000000E+00 |
| 2118 | 57.8020 | 3.74200 | 0.000000E+00 |
| 2119 | 52.9510 | 3.74200 | 0.000000E+00 |
| 2120 | 39.5490 | 2.12500 | 0.000000E+00 |
| 2121 | 39.5490 | 3.35833 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2122 | 48.1000 | 3.35867 | 0.000000E+00 |
| 2123 | 43.2490 | 3.74200 | 0.000000E+00 |
| 2124 | 33.5470 | 3.74200 | 0.000000E+00 |
| 2125 | 38.3980 | 3.12500 | 0.000000E+00 |
| 2126 | 27.5470 | 2.12500 | 0.000000E+00 |
| 2127 | 27.5470 | 3.12500 | 0.000000E+00 |
| 2128 | 28.8260 | 3.69867 | 0.000000E+00 |
| 2129 | 17.5480 | 2.12500 | 0.000000E+00 |
| 2130 | 17.5480 | 3.12500 | 0.000000E+00 |
| 2131 | 24.1050 | 3.27233 | 0.000000E+00 |
| 2132 | 19.3840 | 3.69867 | 0.000000E+00 |
| 2133 | 7.54900 | 2.12500 | 0.000000E+00 |
| 2134 | 7.54900 | 3.12500 | 0.000000E+00 |
| 2135 | 14.6630 | 3.12500 | 0.000000E+00 |
| 2136 | 9.94200 | 3.69867 | 0.000000E+00 |
| 2137 | 0.500000 | 3.69867 | 0.000000E+00 |
| 2138 | 5.22100 | 3.12500 | 0.000000E+00 |
| 2139 | -8.44900 | 2.12500 | 0.000000E+00 |
| 2140 | -8.44900 | 3.12500 | 0.000000E+00 |
| 2141 | -6.12100 | 3.69867 | 0.000000E+00 |
| 2142 | -18.4480 | 2.12500 | 0.000000E+00 |
| 2143 | -18.4480 | 3.12500 | 0.000000E+00 |
| 2144 | -10.8420 | 3.12500 | 0.000000E+00 |
| 2145 | -15.5630 | 3.69867 | 0.000000E+00 |
| 2146 | -28.4470 | 2.12500 | 0.000000E+00 |
| 2147 | -28.4470 | 3.27233 | 0.000000E+00 |
| 2148 | -20.2840 | 3.12500 | 0.000000E+00 |
| 2149 | -25.0050 | 3.69867 | 0.000000E+00 |
| 2150 | -34.4470 | 3.69867 | 0.000000E+00 |
| 2151 | -29.7260 | 3.12500 | 0.000000E+00 |
| 2152 | -40.4490 | 2.12500 | 0.000000E+00 |
| 2153 | -40.4490 | 3.12500 | 0.000000E+00 |
| 2154 | -39.2980 | 3.74200 | 0.000000E+00 |
| 2155 | -52.7010 | 2.12500 | 0.000000E+00 |
| 2156 | -52.7010 | 3.35867 | 0.000000E+00 |
| 2157 | -44.1490 | 3.35833 | 0.000000E+00 |
| 2158 | -49.0000 | 3.74200 | 0.000000E+00 |
| 2159 | -64.7030 | 2.12500 | 0.000000E+00 |
| 2160 | -64.7030 | 3.12500 | 0.000000E+00 |
| 2161 | -53.8510 | 3.12500 | 0.000000E+00 |
| 2162 | -58.7020 | 3.74200 | 0.000000E+00 |
| 2163 | -63.5530 | 3.74200 | 0.000000E+00 |
| 2164 | -76.9550 | 2.12500 | 0.000000E+00 |
| 2165 | -76.9550 | 3.35833 | 0.000000E+00 |
| 2166 | -68.4040 | 3.35867 | 0.000000E+00 |
| 2167 | -73.2550 | 3.74200 | 0.000000E+00 |
| 2168 | -82.9570 | 3.74200 | 0.000000E+00 |
| 2169 | -78.1060 | 3.12500 | 0.000000E+00 |
| 2170 | -88.9610 | 2.12500 | 0.000000E+00 |
| 2171 | -88.9610 | 3.12500 | 0.000000E+00 |
| 2172 | -87.8100 | 3.74267 | 0.000000E+00 |
| 2173 | -101.218 | 2.12500 | 0.000000E+00 |
| 2174 | -101.218 | 3.35900 | 0.000000E+00 |
| 2175 | -92.6630 | 3.35900 | 0.000000E+00 |
| 2176 | -97.5160 | 3.74267 | 0.000000E+00 |
| 2177 | -113.225 | 2.12500 | 0.000000E+00 |
| 2178 | -113.225 | 3.12500 | 0.000000E+00 |
| 2179 | -102.369 | 3.12500 | 0.000000E+00 |
| 2180 | -107.222 | 3.74267 | 0.000000E+00 |
| 2181 | -112.075 | 3.74267 | 0.000000E+00 |
| 2182 | -125.482 | 2.12500 | 0.000000E+00 |
| 2183 | -125.482 | 3.35867 | 0.000000E+00 |
| 2184 | -116.928 | 3.35933 | 0.000000E+00 |
| 2185 | -121.781 | 3.74267 | 0.000000E+00 |
| 2186 | -131.487 | 3.74267 | 0.000000E+00 |
| 2187 | -126.634 | 3.12500 | 0.000000E+00 |
| 2188 | -137.494 | 2.12500 | 0.000000E+00 |
| 2189 | -137.494 | 3.12500 | 0.000000E+00 |
| 2190 | -136.342 | 3.74333 | 0.000000E+00 |
| 2191 | -149.756 | 2.12500 | 0.000000E+00 |
| 2192 | -149.756 | 3.35967 | 0.000000E+00 |
| 2193 | -141.197 | 3.35933 | 0.000000E+00 |
| 2194 | -146.052 | 3.74333 | 0.000000E+00 |
| 2195 | -161.768 | 2.12500 | 0.000000E+00 |
| 2196 | -161.768 | 3.12500 | 0.000000E+00 |
| 2197 | -150.907 | 3.12500 | 0.000000E+00 |
| 2198 | -155.762 | 3.74333 | 0.000000E+00 |
| 2199 | -160.617 | 3.74333 | 0.000000E+00 |
| 2200 | -174.030 | 2.12500 | 0.000000E+00 |
| 2201 | -174.030 | 3.35933 | 0.000000E+00 |
| 2202 | -165.472 | 3.35967 | 0.000000E+00 |
| 2203 | -170.327 | 3.74333 | 0.000000E+00 |
| 2204 | -180.037 | 3.74333 | 0.000000E+00 |
| 2205 | -175.182 | 3.12500 | 0.000000E+00 |
| 2206 | -186.047 | 2.12500 | 0.000000E+00 |
| 2207 | -186.047 | 3.12500 | 0.000000E+00 |
| 2208 | -184.894 | 3.74400 | 0.000000E+00 |
| 2209 | -198.314 | 2.12500 | 0.000000E+00 |
| 2210 | -198.314 | 3.36033 | 0.000000E+00 |
| 2211 | -189.751 | 3.35967 | 0.000000E+00 |
| 2212 | -194.608 | 3.74400 | 0.000000E+00 |
| 2213 | -210.330 | 2.12500 | 0.000000E+00 |
| 2214 | -210.330 | 3.12500 | 0.000000E+00 |
| 2215 | -199.465 | 3.12500 | 0.000000E+00 |
| 2216 | -204.322 | 3.74400 | 0.000000E+00 |
| 2217 | -209.179 | 3.74400 | 0.000000E+00 |
| 2218 | -222.597 | 2.12500 | 0.000000E+00 |
| 2219 | -222.597 | 3.35967 | 0.000000E+00 |
| 2220 | -214.036 | 3.36033 | 0.000000E+00 |
| 2221 | -218.893 | 3.74400 | 0.000000E+00 |
| 2222 | -228.607 | 3.74400 | 0.000000E+00 |
| 2223 | -223.750 | 3.12500 | 0.000000E+00 |
| 2224 | -234.616 | 2.12500 | 0.000000E+00 |
| 2225 | -234.616 | 3.12500 | 0.000000E+00 |
| 2226 | -233.465 | 3.74433 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2227 | -246.887 | 2.12500 | 0.000000E+00 |
| 2228 | -246.887 | 3.36033 | 0.000000E+00 |
| 2229 | -238.323 | 3.36067 | 0.000000E+00 |
| 2230 | -243.181 | 3.74433 | 0.000000E+00 |
| 2231 | -258.907 | 2.12500 | 0.000000E+00 |
| 2232 | -258.907 | 3.12500 | 0.000000E+00 |
| 2233 | -248.039 | 3.12500 | 0.000000E+00 |
| 2234 | -252.897 | 3.74433 | 0.000000E+00 |
| 2235 | -257.755 | 3.74433 | 0.000000E+00 |
| 2236 | -271.178 | 2.12500 | 0.000000E+00 |
| 2237 | -271.178 | 3.36067 | 0.000000E+00 |
| 2238 | -262.613 | 3.36033 | 0.000000E+00 |
| 2239 | -267.471 | 3.74433 | 0.000000E+00 |
| 2240 | -277.187 | 3.74433 | 0.000000E+00 |
| 2241 | -272.329 | 3.12500 | 0.000000E+00 |
| 2242 | -283.198 | 2.12500 | 0.000000E+00 |
| 2243 | -283.198 | 3.12500 | 0.000000E+00 |
| 2244 | -282.046 | 3.74467 | 0.000000E+00 |
| 2245 | -295.471 | 2.12500 | 0.000000E+00 |
| 2246 | -295.471 | 3.36067 | 0.000000E+00 |
| 2247 | -286.905 | 3.36067 | 0.000000E+00 |
| 2248 | -291.764 | 3.74467 | 0.000000E+00 |
| 2249 | -307.493 | 2.12500 | 0.000000E+00 |
| 2250 | -307.493 | 3.12500 | 0.000000E+00 |
| 2251 | -296.623 | 3.12500 | 0.000000E+00 |
| 2252 | -301.482 | 3.74467 | 0.000000E+00 |
| 2253 | -306.341 | 3.74467 | 0.000000E+00 |
| 2254 | -319.766 | 2.12500 | 0.000000E+00 |
| 2255 | -319.766 | 3.36067 | 0.000000E+00 |
| 2256 | -311.200 | 3.36067 | 0.000000E+00 |
| 2257 | -316.059 | 3.74467 | 0.000000E+00 |
| 2258 | -325.777 | 3.74467 | 0.000000E+00 |
| 2259 | -320.918 | 3.12500 | 0.000000E+00 |
| 2260 | -331.783 | 2.12500 | 0.000000E+00 |
| 2261 | -331.783 | 3.12500 | 0.000000E+00 |
| 2262 | -330.639 | 3.74557 | 0.000000E+00 |
| 2263 | -341.792 | 2.12500 | 0.000000E+00 |
| 2264 | -341.792 | 3.12500 | 0.000000E+00 |
| 2265 | -335.500 | 3.36414 | 0.000000E+00 |
| 2266 | -340.362 | 3.74557 | 0.000000E+00 |
| 2267 | -351.801 | 2.12500 | 0.000000E+00 |
| 2268 | -351.801 | 3.12500 | 0.000000E+00 |
| 2269 | -345.224 | 3.26895 | 0.000000E+00 |
| 2270 | -350.086 | 3.74557 | 0.000000E+00 |
| 2271 | -359.809 | 3.74557 | 0.000000E+00 |
| 2272 | -354.947 | 3.17376 | 0.000000E+00 |
| 2273 | -360.409 | 3.12500 | 0.000000E+00 |
| 2274 | -1.40000 | 3.12500 | 0.000000E+00 |
| 2275 | -0.400000 | 3.12500 | 0.000000E+00 |
| 2276 | 407.610 | 3.12500 | 0.000000E+00 |
| 2277 | 399.602 | 9.12500 | 0.000000E+00 |
| 2278 | 399.602 | 10.1738 | 0.000000E+00 |
| 2279 | 402.748 | 10.7456 | 0.000000E+00 |
| 2280 | 389.593 | 9.12500 | 0.000000E+00 |
| 2281 | 389.593 | 10.2690 | 0.000000E+00 |
| 2282 | 397.887 | 10.1250 | 0.000000E+00 |
| 2283 | 393.025 | 10.7456 | 0.000000E+00 |
| 2284 | 379.584 | 9.12500 | 0.000000E+00 |
| 2285 | 379.584 | 10.3641 | 0.000000E+00 |
| 2286 | 388.163 | 10.1250 | 0.000000E+00 |
| 2287 | 383.301 | 10.7456 | 0.000000E+00 |
| 2288 | 373.578 | 10.7456 | 0.000000E+00 |
| 2289 | 378.440 | 10.1250 | 0.000000E+00 |
| 2290 | 367.574 | 9.12500 | 0.000000E+00 |
| 2291 | 367.574 | 10.1250 | 0.000000E+00 |
| 2292 | 368.708 | 10.7484 | 0.000000E+00 |
| 2293 | 355.186 | 9.12500 | 0.000000E+00 |
| 2294 | 355.186 | 10.3856 | 0.000000E+00 |
| 2295 | 363.838 | 10.3704 | 0.000000E+00 |
| 2296 | 358.968 | 10.7484 | 0.000000E+00 |
| 2297 | 343.163 | 9.12500 | 0.000000E+00 |
| 2298 | 343.163 | 10.1250 | 0.000000E+00 |
| 2299 | 354.098 | 10.1250 | 0.000000E+00 |
| 2300 | 349.227 | 10.7484 | 0.000000E+00 |
| 2301 | 344.357 | 10.7484 | 0.000000E+00 |
| 2302 | 330.890 | 9.12500 | 0.000000E+00 |
| 2303 | 330.890 | 10.3674 | 0.000000E+00 |
| 2304 | 339.487 | 10.3502 | 0.000000E+00 |
| 2305 | 334.617 | 10.7484 | 0.000000E+00 |
| 2306 | 324.877 | 10.7484 | 0.000000E+00 |
| 2307 | 329.747 | 10.1250 | 0.000000E+00 |
| 2308 | 318.866 | 9.12500 | 0.000000E+00 |
| 2309 | 318.866 | 10.1250 | 0.000000E+00 |
| 2310 | 320.018 | 10.7447 | 0.000000E+00 |
| 2311 | 306.593 | 9.12500 | 0.000000E+00 |
| 2312 | 306.593 | 10.3607 | 0.000000E+00 |
| 2313 | 315.159 | 10.3607 | 0.000000E+00 |
| 2314 | 310.300 | 10.7447 | 0.000000E+00 |
| 2315 | 294.571 | 9.12500 | 0.000000E+00 |
| 2316 | 294.571 | 10.1250 | 0.000000E+00 |
| 2317 | 305.441 | 10.1250 | 0.000000E+00 |
| 2318 | 300.582 | 10.7447 | 0.000000E+00 |
| 2319 | 295.723 | 10.7447 | 0.000000E+00 |
| 2320 | 282.298 | 9.12500 | 0.000000E+00 |
| 2321 | 282.298 | 10.3607 | 0.000000E+00 |
| 2322 | 290.864 | 10.3607 | 0.000000E+00 |
| 2323 | 286.005 | 10.7447 | 0.000000E+00 |
| 2324 | 276.287 | 10.7447 | 0.000000E+00 |
| 2325 | 281.146 | 10.1250 | 0.000000E+00 |
| 2326 | 270.278 | 9.12500 | 0.000000E+00 |
| 2327 | 270.278 | 10.1250 | 0.000000E+00 |
| 2328 | 271.429 | 10.7443 | 0.000000E+00 |
| 2329 | 258.007 | 9.12500 | 0.000000E+00 |
| 2330 | 258.007 | 10.3603 | 0.000000E+00 |
| 2331 | 266.571 | 10.3607 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2332 | 261.713 | 10.7443 | 0.000000E+00 |
| 2333 | 245.987 | 9.12500 | 0.000000E+00 |
| 2334 | 245.987 | 10.1250 | 0.000000E+00 |
| 2335 | 256.855 | 10.1250 | 0.000000E+00 |
| 2336 | 251.997 | 10.7443 | 0.000000E+00 |
| 2337 | 247.139 | 10.7443 | 0.000000E+00 |
| 2338 | 233.716 | 9.12500 | 0.000000E+00 |
| 2339 | 233.716 | 10.3607 | 0.000000E+00 |
| 2340 | 242.281 | 10.3603 | 0.000000E+00 |
| 2341 | 237.423 | 10.7443 | 0.000000E+00 |
| 2342 | 227.707 | 10.7443 | 0.000000E+00 |
| 2343 | 232.565 | 10.1250 | 0.000000E+00 |
| 2344 | 221.697 | 9.12500 | 0.000000E+00 |
| 2345 | 221.697 | 10.1250 | 0.000000E+00 |
| 2346 | 222.850 | 10.7440 | 0.000000E+00 |
| 2347 | 209.430 | 9.12500 | 0.000000E+00 |
| 2348 | 209.430 | 10.3603 | 0.000000E+00 |
| 2349 | 217.993 | 10.3597 | 0.000000E+00 |
| 2350 | 213.136 | 10.7440 | 0.000000E+00 |
| 2351 | 197.414 | 9.12500 | 0.000000E+00 |
| 2352 | 197.414 | 10.1250 | 0.000000E+00 |
| 2353 | 208.279 | 10.1250 | 0.000000E+00 |
| 2354 | 203.422 | 10.7440 | 0.000000E+00 |
| 2355 | 198.565 | 10.7440 | 0.000000E+00 |
| 2356 | 185.147 | 9.12500 | 0.000000E+00 |
| 2357 | 185.147 | 10.3597 | 0.000000E+00 |
| 2358 | 193.708 | 10.3603 | 0.000000E+00 |
| 2359 | 188.851 | 10.7440 | 0.000000E+00 |
| 2360 | 179.137 | 10.7440 | 0.000000E+00 |
| 2361 | 183.994 | 10.1250 | 0.000000E+00 |
| 2362 | 173.130 | 9.12500 | 0.000000E+00 |
| 2363 | 173.130 | 10.1250 | 0.000000E+00 |
| 2364 | 174.282 | 10.7433 | 0.000000E+00 |
| 2365 | 160.868 | 9.12500 | 0.000000E+00 |
| 2366 | 160.868 | 10.3597 | 0.000000E+00 |
| 2367 | 169.427 | 10.3593 | 0.000000E+00 |
| 2368 | 164.572 | 10.7433 | 0.000000E+00 |
| 2369 | 148.856 | 9.12500 | 0.000000E+00 |
| 2370 | 148.856 | 10.1250 | 0.000000E+00 |
| 2371 | 159.717 | 10.1250 | 0.000000E+00 |
| 2372 | 154.862 | 10.7433 | 0.000000E+00 |
| 2373 | 150.007 | 10.7433 | 0.000000E+00 |
| 2374 | 136.594 | 9.12500 | 0.000000E+00 |
| 2375 | 136.594 | 10.3593 | 0.000000E+00 |
| 2376 | 145.152 | 10.3597 | 0.000000E+00 |
| 2377 | 140.297 | 10.7433 | 0.000000E+00 |
| 2378 | 130.587 | 10.7433 | 0.000000E+00 |
| 2379 | 135.442 | 10.1250 | 0.000000E+00 |
| 2380 | 124.582 | 9.12500 | 0.000000E+00 |
| 2381 | 124.582 | 10.1250 | 0.000000E+00 |
| 2382 | 125.734 | 10.7427 | 0.000000E+00 |
| 2383 | 112.325 | 9.12500 | 0.000000E+00 |
| 2384 | 112.325 | 10.3593 | 0.000000E+00 |
| 2385 | 120.881 | 10.3587 | 0.000000E+00 |
| 2386 | 116.028 | 10.7427 | 0.000000E+00 |
| 2387 | 100.318 | 9.12500 | 0.000000E+00 |
| 2388 | 100.318 | 10.1250 | 0.000000E+00 |
| 2389 | 111.175 | 10.1250 | 0.000000E+00 |
| 2390 | 106.322 | 10.7427 | 0.000000E+00 |
| 2391 | 101.469 | 10.7427 | 0.000000E+00 |
| 2392 | 88.0610 | 9.12500 | 0.000000E+00 |
| 2393 | 88.0610 | 10.3590 | 0.000000E+00 |
| 2394 | 96.6160 | 10.3590 | 0.000000E+00 |
| 2395 | 91.7630 | 10.7427 | 0.000000E+00 |
| 2396 | 82.0570 | 10.7427 | 0.000000E+00 |
| 2397 | 86.9100 | 10.1250 | 0.000000E+00 |
| 2398 | 76.0550 | 9.12500 | 0.000000E+00 |
| 2399 | 76.0550 | 10.1250 | 0.000000E+00 |
| 2400 | 77.2060 | 10.7420 | 0.000000E+00 |
| 2401 | 63.8030 | 9.12500 | 0.000000E+00 |
| 2402 | 63.8030 | 10.3587 | 0.000000E+00 |
| 2403 | 72.3550 | 10.3583 | 0.000000E+00 |
| 2404 | 67.5040 | 10.7420 | 0.000000E+00 |
| 2405 | 51.8010 | 9.12500 | 0.000000E+00 |
| 2406 | 51.8010 | 10.1250 | 0.000000E+00 |
| 2407 | 62.6530 | 10.1250 | 0.000000E+00 |
| 2408 | 57.8020 | 10.7420 | 0.000000E+00 |
| 2409 | 52.9510 | 10.7420 | 0.000000E+00 |
| 2410 | 39.5490 | 9.12500 | 0.000000E+00 |
| 2411 | 39.5490 | 10.3583 | 0.000000E+00 |
| 2412 | 48.1000 | 10.3587 | 0.000000E+00 |
| 2413 | 43.2490 | 10.7420 | 0.000000E+00 |
| 2414 | 33.5470 | 10.7420 | 0.000000E+00 |
| 2415 | 38.3980 | 10.1250 | 0.000000E+00 |
| 2416 | 27.5470 | 9.12500 | 0.000000E+00 |
| 2417 | 27.5470 | 10.1250 | 0.000000E+00 |
| 2418 | 28.8260 | 10.6987 | 0.000000E+00 |
| 2419 | 17.5480 | 9.12500 | 0.000000E+00 |
| 2420 | 17.5480 | 10.1250 | 0.000000E+00 |
| 2421 | 24.1050 | 10.2723 | 0.000000E+00 |
| 2422 | 19.3840 | 10.6987 | 0.000000E+00 |
| 2423 | 7.54900 | 9.12500 | 0.000000E+00 |
| 2424 | 7.54900 | 10.1250 | 0.000000E+00 |
| 2425 | 14.6630 | 10.1250 | 0.000000E+00 |
| 2426 | 9.94200 | 10.6987 | 0.000000E+00 |
| 2427 | 0.500000 | 10.6987 | 0.000000E+00 |
| 2428 | 5.22100 | 10.1250 | 0.000000E+00 |
| 2429 | -8.44900 | 9.12500 | 0.000000E+00 |
| 2430 | -8.44900 | 10.1250 | 0.000000E+00 |
| 2431 | -6.12100 | 10.6987 | 0.000000E+00 |
| 2432 | -18.4480 | 9.12500 | 0.000000E+00 |
| 2433 | -18.4480 | 10.1250 | 0.000000E+00 |
| 2434 | -10.8420 | 10.1250 | 0.000000E+00 |
| 2435 | -15.5630 | 10.6987 | 0.000000E+00 |
| 2436 | -28.4470 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2437 | -28.4470 | 10.2723 | 0.000000E+00 |
| 2438 | -20.2840 | 10.1250 | 0.000000E+00 |
| 2439 | -25.0050 | 10.6987 | 0.000000E+00 |
| 2440 | -34.4470 | 10.6987 | 0.000000E+00 |
| 2441 | -29.7260 | 10.1250 | 0.000000E+00 |
| 2442 | -40.4490 | 9.12500 | 0.000000E+00 |
| 2443 | -40.4490 | 10.1250 | 0.000000E+00 |
| 2444 | -39.2980 | 10.7420 | 0.000000E+00 |
| 2445 | -52.7010 | 9.12500 | 0.000000E+00 |
| 2446 | -52.7010 | 10.3587 | 0.000000E+00 |
| 2447 | -44.1490 | 10.3583 | 0.000000E+00 |
| 2448 | -49.0000 | 10.7420 | 0.000000E+00 |
| 2449 | -64.7030 | 9.12500 | 0.000000E+00 |
| 2450 | -64.7030 | 10.1250 | 0.000000E+00 |
| 2451 | -53.8510 | 10.1250 | 0.000000E+00 |
| 2452 | -58.7020 | 10.7420 | 0.000000E+00 |
| 2453 | -63.5530 | 10.7420 | 0.000000E+00 |
| 2454 | -76.9550 | 9.12500 | 0.000000E+00 |
| 2455 | -76.9550 | 10.3583 | 0.000000E+00 |
| 2456 | -68.4040 | 10.3587 | 0.000000E+00 |
| 2457 | -73.2550 | 10.7420 | 0.000000E+00 |
| 2458 | -82.9570 | 10.7420 | 0.000000E+00 |
| 2459 | -78.1060 | 10.1250 | 0.000000E+00 |
| 2460 | -88.9610 | 9.12500 | 0.000000E+00 |
| 2461 | -88.9610 | 10.1250 | 0.000000E+00 |
| 2462 | -87.8100 | 10.7427 | 0.000000E+00 |
| 2463 | -101.218 | 9.12500 | 0.000000E+00 |
| 2464 | -101.218 | 10.3590 | 0.000000E+00 |
| 2465 | -92.6630 | 10.3590 | 0.000000E+00 |
| 2466 | -97.5160 | 10.7427 | 0.000000E+00 |
| 2467 | -113.225 | 9.12500 | 0.000000E+00 |
| 2468 | -113.225 | 10.1250 | 0.000000E+00 |
| 2469 | -102.369 | 10.1250 | 0.000000E+00 |
| 2470 | -107.222 | 10.7427 | 0.000000E+00 |
| 2471 | -112.075 | 10.7427 | 0.000000E+00 |
| 2472 | -125.482 | 9.12500 | 0.000000E+00 |
| 2473 | -125.482 | 10.3587 | 0.000000E+00 |
| 2474 | -116.928 | 10.3593 | 0.000000E+00 |
| 2475 | -121.781 | 10.7427 | 0.000000E+00 |
| 2476 | -131.487 | 10.7427 | 0.000000E+00 |
| 2477 | -126.634 | 10.1250 | 0.000000E+00 |
| 2478 | -137.494 | 9.12500 | 0.000000E+00 |
| 2479 | -137.494 | 10.1250 | 0.000000E+00 |
| 2480 | -136.342 | 10.7433 | 0.000000E+00 |
| 2481 | -149.756 | 9.12500 | 0.000000E+00 |
| 2482 | -149.756 | 10.3597 | 0.000000E+00 |
| 2483 | -141.197 | 10.3593 | 0.000000E+00 |
| 2484 | -146.052 | 10.7433 | 0.000000E+00 |
| 2485 | -161.768 | 9.12500 | 0.000000E+00 |
| 2486 | -161.768 | 10.1250 | 0.000000E+00 |
| 2487 | -150.907 | 10.1250 | 0.000000E+00 |
| 2488 | -155.762 | 10.7433 | 0.000000E+00 |
| 2489 | -160.617 | 10.7433 | 0.000000E+00 |
| 2490 | -174.030 | 9.12500 | 0.000000E+00 |
| 2491 | -174.030 | 10.3593 | 0.000000E+00 |
| 2492 | -165.472 | 10.3597 | 0.000000E+00 |
| 2493 | -170.327 | 10.7433 | 0.000000E+00 |
| 2494 | -180.037 | 10.7433 | 0.000000E+00 |
| 2495 | -175.182 | 10.1250 | 0.000000E+00 |
| 2496 | -186.047 | 9.12500 | 0.000000E+00 |
| 2497 | -186.047 | 10.1250 | 0.000000E+00 |
| 2498 | -184.894 | 10.7440 | 0.000000E+00 |
| 2499 | -198.314 | 9.12500 | 0.000000E+00 |
| 2500 | -198.314 | 10.3603 | 0.000000E+00 |
| 2501 | -189.751 | 10.3597 | 0.000000E+00 |
| 2502 | -194.608 | 10.7440 | 0.000000E+00 |
| 2503 | -210.330 | 9.12500 | 0.000000E+00 |
| 2504 | -210.330 | 10.1250 | 0.000000E+00 |
| 2505 | -199.465 | 10.1250 | 0.000000E+00 |
| 2506 | -204.322 | 10.7440 | 0.000000E+00 |
| 2507 | -209.179 | 10.7440 | 0.000000E+00 |
| 2508 | -222.597 | 9.12500 | 0.000000E+00 |
| 2509 | -222.597 | 10.3597 | 0.000000E+00 |
| 2510 | -214.036 | 10.3603 | 0.000000E+00 |
| 2511 | -218.893 | 10.7440 | 0.000000E+00 |
| 2512 | -228.607 | 10.7440 | 0.000000E+00 |
| 2513 | -223.750 | 10.1250 | 0.000000E+00 |
| 2514 | -234.616 | 9.12500 | 0.000000E+00 |
| 2515 | -234.616 | 10.1250 | 0.000000E+00 |
| 2516 | -233.465 | 10.7443 | 0.000000E+00 |
| 2517 | -246.887 | 9.12500 | 0.000000E+00 |
| 2518 | -246.887 | 10.3603 | 0.000000E+00 |
| 2519 | -238.323 | 10.3607 | 0.000000E+00 |
| 2520 | -243.181 | 10.7443 | 0.000000E+00 |
| 2521 | -258.907 | 9.12500 | 0.000000E+00 |
| 2522 | -258.907 | 10.1250 | 0.000000E+00 |
| 2523 | -248.039 | 10.1250 | 0.000000E+00 |
| 2524 | -252.897 | 10.7443 | 0.000000E+00 |
| 2525 | -257.755 | 10.7443 | 0.000000E+00 |
| 2526 | -271.178 | 9.12500 | 0.000000E+00 |
| 2527 | -271.178 | 10.3607 | 0.000000E+00 |
| 2528 | -262.613 | 10.3603 | 0.000000E+00 |
| 2529 | -267.471 | 10.7443 | 0.000000E+00 |
| 2530 | -277.187 | 10.7443 | 0.000000E+00 |
| 2531 | -272.329 | 10.1250 | 0.000000E+00 |
| 2532 | -283.198 | 9.12500 | 0.000000E+00 |
| 2533 | -283.198 | 10.1250 | 0.000000E+00 |
| 2534 | -282.046 | 10.7447 | 0.000000E+00 |
| 2535 | -295.471 | 9.12500 | 0.000000E+00 |
| 2536 | -295.471 | 10.3607 | 0.000000E+00 |
| 2537 | -286.905 | 10.3607 | 0.000000E+00 |
| 2538 | -291.764 | 10.7447 | 0.000000E+00 |
| 2539 | -307.493 | 9.12500 | 0.000000E+00 |
| 2540 | -307.493 | 10.1250 | 0.000000E+00 |
| 2541 | -296.623 | 10.1250 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2542 | -301.482 | 10.7447 | 0.000000E+00 |
| 2543 | -306.341 | 10.7447 | 0.000000E+00 |
| 2544 | -319.766 | 9.12500 | 0.000000E+00 |
| 2545 | -319.766 | 10.3607 | 0.000000E+00 |
| 2546 | -311.200 | 10.3607 | 0.000000E+00 |
| 2547 | -316.059 | 10.7447 | 0.000000E+00 |
| 2548 | -325.777 | 10.7447 | 0.000000E+00 |
| 2549 | -320.918 | 10.1250 | 0.000000E+00 |
| 2550 | -331.783 | 9.12500 | 0.000000E+00 |
| 2551 | -331.783 | 10.1250 | 0.000000E+00 |
| 2552 | -330.639 | 10.7456 | 0.000000E+00 |
| 2553 | -341.792 | 9.12500 | 0.000000E+00 |
| 2554 | -341.792 | 10.1250 | 0.000000E+00 |
| 2555 | -335.500 | 10.3641 | 0.000000E+00 |
| 2556 | -340.362 | 10.7456 | 0.000000E+00 |
| 2557 | -351.801 | 9.12500 | 0.000000E+00 |
| 2558 | -351.801 | 10.1250 | 0.000000E+00 |
| 2559 | -345.224 | 10.2690 | 0.000000E+00 |
| 2560 | -350.086 | 10.7456 | 0.000000E+00 |
| 2561 | -359.809 | 10.7456 | 0.000000E+00 |
| 2562 | -354.947 | 10.1738 | 0.000000E+00 |
| 2563 | -360.409 | 10.1250 | 0.000000E+00 |
| 2564 | -1.40000 | 10.1250 | 0.000000E+00 |
| 2565 | -0.400000 | 10.1250 | 0.000000E+00 |
| 2566 | 407.610 | 10.1250 | 0.000000E+00 |
| 2567 | -360.409 | 5.62500 | 0.000000E+00 |
| 2568 | -359.242 | 9.12500 | 0.000000E+00 |
| 2569 | -359.242 | 5.62500 | 0.000000E+00 |
| 2570 | -0.500000 | 5.62500 | 0.000000E+00 |
| 2571 | 0.666667 | 9.12500 | 0.000000E+00 |
| 2572 | 0.666667 | 5.62500 | 0.000000E+00 |
| 2573 | -0.400000 | 5.62500 | 0.000000E+00 |
| 2574 | 0.766667 | 9.12500 | 0.000000E+00 |
| 2575 | 0.766667 | 5.62500 | 0.000000E+00 |
| 2576 | 408.210 | 5.62500 | 0.000000E+00 |
| 2577 | 409.377 | 9.12500 | 0.000000E+00 |
| 2578 | 409.377 | 5.62500 | 0.000000E+00 |
| 2579 | 407.610 | 9.12500 | -2.50000 |
| 2580 | 407.610 | 8.12500 | -2.50000 |
| 2581 | -359.809 | 2.12500 | -2.50000 |
| 2582 | -359.809 | 9.12500 | -2.50000 |
| 2583 | 407.610 | 2.12500 | -2.50000 |
| 2584 | 407.610 | 9.12500 | -2.50000 |
| 2585 | -361.409 | 5.62500 | 0.000000E+00 |
| 2586 | 409.210 | 5.62500 | 0.000000E+00 |
| 2587 | -359.809 | 5.62500 | -2.90000 |
| 2588 | -325.777 | 5.62500 | -8.80000 |
| 2589 | -277.187 | 5.62500 | -9.30000 |
| 2590 | -228.607 | 5.62500 | -9.80000 |
| 2591 | -180.037 | 5.62500 | -10.3000 |
| 2592 | -131.487 | 5.62500 | -10.5500 |
| 2593 | -82.9570 | 5.62500 | -11.3000 |
| 2594 | -34.4470 | 5.62500 | -11.5500 |
| 2595 | -0.447000 | 5.62500 | -12.3000 |
| 2596 | 33.5470 | 5.62500 | -11.8000 |
| 2597 | 82.0570 | 5.62500 | -11.3000 |
| 2598 | 130.587 | 5.62500 | -11.3000 |
| 2599 | 179.137 | 5.62500 | -11.0500 |
| 2600 | 227.707 | 5.62500 | -10.3000 |
| 2601 | 276.287 | 5.62500 | -10.3000 |
| 2602 | 324.877 | 5.62500 | -10.5500 |
| 2603 | 373.578 | 5.62500 | -10.5500 |
| 2604 | 407.610 | 5.62500 | -2.90000 |
| 2605 | -359.809 | 2.12500 | -2.50000 |
| 2606 | -359.809 | 9.12500 | -2.50000 |
| 2607 | 0.500000 | 2.12500 | -2.50000 |
| 2608 | 0.500000 | 9.12500 | -2.50000 |
| 2609 | 407.610 | 2.12500 | -2.50000 |
| 2610 | 407.610 | 9.12500 | -2.50000 |
| 2611 | -359.809 | 5.62500 | -2.90000 |
| 2612 | 407.610 | 5.62500 | -2.90000 |
| 2613 | -358.809 | 2.12500 | -2.50000 |
| 2614 | -359.809 | 3.12500 | -2.50000 |
| 2615 | -358.809 | 9.12500 | -2.50000 |
| 2616 | -359.809 | 10.1250 | -2.50000 |
| 2617 | -324.777 | 2.12500 | -2.50000 |
| 2618 | -325.777 | 3.12500 | -2.50000 |
| 2619 | -324.777 | 9.12500 | -2.50000 |
| 2620 | -325.777 | 10.1250 | -2.50000 |
| 2621 | -276.187 | 2.12500 | -2.50000 |
| 2622 | -277.187 | 3.12500 | -2.50000 |
| 2623 | -276.187 | 9.12500 | -2.50000 |
| 2624 | -277.187 | 10.1250 | -2.50000 |
| 2625 | -227.607 | 2.12500 | -2.50000 |
| 2626 | -228.607 | 3.12500 | -2.50000 |
| 2627 | -227.607 | 9.12500 | -2.50000 |
| 2628 | -228.607 | 10.1250 | -2.50000 |
| 2629 | -179.037 | 2.12500 | -2.50000 |
| 2630 | -180.037 | 3.12500 | -2.50000 |
| 2631 | -179.037 | 9.12500 | -2.50000 |
| 2632 | -180.037 | 10.1250 | -2.50000 |
| 2633 | -130.487 | 2.12500 | -2.50000 |
| 2634 | -131.487 | 3.12500 | -2.50000 |
| 2635 | -130.487 | 9.12500 | -2.50000 |
| 2636 | -131.487 | 10.1250 | -2.50000 |
| 2637 | -81.9570 | 2.12500 | -2.50000 |
| 2638 | -82.9570 | 3.12500 | -2.50000 |
| 2639 | -81.9570 | 9.12500 | -2.50000 |
| 2640 | -82.9570 | 10.1250 | -2.50000 |
| 2641 | -33.4470 | 2.12500 | -2.50000 |
| 2642 | -34.4470 | 3.12500 | -2.50000 |
| 2643 | -33.4470 | 9.12500 | -2.50000 |
| 2644 | -34.4470 | 10.1250 | -2.50000 |
| 2645 | -0.400000 | 2.12500 | -2.50000 |
| 2646 | -1.40000 | 3.12500 | -2.50000 |

| | | | |
|------|-----------|---------|--------------|
| 2647 | -0.400000 | 9.12500 | -2.50000 |
| 2648 | -1.40000 | 10.1250 | -2.50000 |
| 2649 | 1.50000 | 2.12500 | -2.50000 |
| 2650 | 0.500000 | 3.12500 | -2.50000 |
| 2651 | 1.50000 | 9.12500 | -2.50000 |
| 2652 | 0.500000 | 10.1250 | -2.50000 |
| 2653 | 34.5470 | 2.12500 | -2.50000 |
| 2654 | 33.5470 | 3.12500 | -2.50000 |
| 2655 | 34.5470 | 9.12500 | -2.50000 |
| 2656 | 33.5470 | 10.1250 | -2.50000 |
| 2657 | 83.0570 | 2.12500 | -2.50000 |
| 2658 | 82.0570 | 3.12500 | -2.50000 |
| 2659 | 83.0570 | 9.12500 | -2.50000 |
| 2660 | 82.0570 | 10.1250 | -2.50000 |
| 2661 | 131.587 | 2.12500 | -2.50000 |
| 2662 | 130.587 | 3.12500 | -2.50000 |
| 2663 | 131.587 | 9.12500 | -2.50000 |
| 2664 | 130.587 | 10.1250 | -2.50000 |
| 2665 | 180.137 | 2.12500 | -2.50000 |
| 2666 | 179.137 | 3.12500 | -2.50000 |
| 2667 | 180.137 | 9.12500 | -2.50000 |
| 2668 | 179.137 | 10.1250 | -2.50000 |
| 2669 | 228.707 | 2.12500 | -2.50000 |
| 2670 | 227.707 | 3.12500 | -2.50000 |
| 2671 | 228.707 | 9.12500 | -2.50000 |
| 2672 | 227.707 | 10.1250 | -2.50000 |
| 2673 | 277.287 | 2.12500 | -2.50000 |
| 2674 | 276.287 | 3.12500 | -2.50000 |
| 2675 | 277.287 | 9.12500 | -2.50000 |
| 2676 | 276.287 | 10.1250 | -2.50000 |
| 2677 | 325.877 | 2.12500 | -2.50000 |
| 2678 | 324.877 | 3.12500 | -2.50000 |
| 2679 | 325.877 | 9.12500 | -2.50000 |
| 2680 | 324.877 | 10.1250 | -2.50000 |
| 2681 | 374.578 | 2.12500 | -2.50000 |
| 2682 | 373.578 | 3.12500 | -2.50000 |
| 2683 | 374.578 | 9.12500 | -2.50000 |
| 2684 | 373.578 | 10.1250 | -2.50000 |
| 2685 | 406.610 | 2.12500 | -2.50000 |
| 2686 | 407.610 | 1.12500 | -2.50000 |
| 2687 | 406.610 | 9.12500 | -2.50000 |
| 2688 | 407.610 | 8.12500 | -2.50000 |
| 2689 | -360.409 | 5.62500 | 0.000000E+00 |
| 2690 | -361.409 | 6.62500 | 0.000000E+00 |
| 2691 | 0.500000 | 5.62500 | 0.000000E+00 |
| 2692 | -0.500000 | 6.62500 | 0.000000E+00 |
| 2693 | 408.210 | 5.62500 | 0.000000E+00 |
| 2694 | 409.210 | 4.62500 | 0.000000E+00 |
| 2695 | -358.809 | 5.62500 | -2.90000 |
| 2696 | -359.809 | 6.62500 | -2.90000 |
| 2697 | -324.777 | 5.62500 | -8.80000 |
| 2698 | -325.777 | 6.62500 | -8.80000 |
| 2699 | -276.187 | 5.62500 | -9.30000 |
| 2700 | -277.187 | 6.62500 | -9.30000 |
| 2701 | -227.607 | 5.62500 | -9.80000 |
| 2702 | -228.607 | 6.62500 | -9.80000 |
| 2703 | -179.037 | 5.62500 | -10.3000 |
| 2704 | -180.037 | 6.62500 | -10.3000 |
| 2705 | -130.487 | 5.62500 | -10.5500 |
| 2706 | -131.487 | 6.62500 | -10.5500 |
| 2707 | -81.9570 | 5.62500 | -11.3000 |
| 2708 | -82.9570 | 6.62500 | -11.3000 |
| 2709 | -33.4470 | 5.62500 | -11.5500 |
| 2710 | -34.4470 | 6.62500 | -11.5500 |
| 2711 | 0.553000 | 5.62500 | -12.3000 |
| 2712 | -0.447000 | 6.62500 | -12.3000 |
| 2713 | 34.5470 | 5.62500 | -11.8000 |
| 2714 | 33.5470 | 6.62500 | -11.8000 |
| 2715 | 83.0570 | 5.62500 | -11.3000 |
| 2716 | 82.0570 | 6.62500 | -11.3000 |
| 2717 | 131.587 | 5.62500 | -11.3000 |
| 2718 | 130.587 | 6.62500 | -11.3000 |
| 2719 | 180.137 | 5.62500 | -11.0500 |
| 2720 | 179.137 | 6.62500 | -11.0500 |
| 2721 | 228.707 | 5.62500 | -10.3000 |
| 2722 | 227.707 | 6.62500 | -10.3000 |
| 2723 | 277.287 | 5.62500 | -10.3000 |
| 2724 | 276.287 | 6.62500 | -10.3000 |
| 2725 | 325.877 | 5.62500 | -10.5500 |
| 2726 | 324.877 | 6.62500 | -10.5500 |
| 2727 | 374.578 | 5.62500 | -10.5500 |
| 2728 | 373.578 | 6.62500 | -10.5500 |
| 2729 | 408.610 | 5.62500 | -2.90000 |
| 2730 | 407.610 | 6.62500 | -2.90000 |
| 2731 | -358.809 | 2.12500 | -2.50000 |
| 2732 | -359.809 | 3.12500 | -2.50000 |
| 2733 | -358.809 | 9.12500 | -2.50000 |
| 2734 | -359.809 | 10.1250 | -2.50000 |
| 2735 | 1.50000 | 2.12500 | -2.50000 |
| 2736 | 0.500000 | 3.12500 | -2.50000 |
| 2737 | 1.50000 | 9.12500 | -2.50000 |
| 2738 | 0.500000 | 10.1250 | -2.50000 |
| 2739 | 406.610 | 2.12500 | -2.50000 |
| 2740 | 407.610 | 1.12500 | -2.50000 |
| 2741 | 406.610 | 9.12500 | -2.50000 |
| 2742 | 407.610 | 8.12500 | -2.50000 |

TOTAL NUMBER OF NODES = 2742
LARGEST NODE NUMBER = 2742

DATA STORAGE LOCATIONS USED = 19194

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

C1 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 1 | 1ST NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.1773E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C1 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 39 | 1ST NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.1773E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C2 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 2 | 1ST NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.2002E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C2 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 40 | 1ST NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.2002E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|----------------|----------|-------------|------------|------------|----------------|------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 3 | 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | |

| | | | | | |
|----------|-------------|----------------|----------------|-----------------|------------|
| 2ND NODE | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | ASZ =1.686 |
| | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

| | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|
| BMI21 ELEMENTS | | | | | |
| 41 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C4 cracked (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|
| BMI21 ELEMENTS | | | | | |
| 4 1ST NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.4794E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C4_cracked (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

| | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|
| BMI21 ELEMENTS | | | | | |
| 42 1ST NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.4794E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | |
|----------------|-------------|----------------|----------------|-----------------|------------|
| BMI21 ELEMENTS | | | | | |
| 5 1ST NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 |
| | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 |
| | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.1951E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase3
 PROPERTY

BMI21 ELEMENTS
 43 1ST NODE AREA =2.636 IYY =2.407 IZZ =5.023 KT =0.2565E-01 ASZ =1.658
 ASY =1.816 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.636 IYY =2.407 IZZ =5.023 KT =0.2565E-01 ASZ =1.658
 ASY =1.816 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 0.1951E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
 PROPERTY

BMI21 ELEMENTS
 6 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 8.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 0.2051E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase3
 PROPERTY

BMI21 ELEMENTS
 44 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 0.2051E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_riva (Sct5 (RSS D=0.3 B=4.72)) & modifier_Jz_soletta
 PROPERTY

BMI21 ELEMENTS
 7 1ST NODE AREA =1.416 IYY =0.1062E-01 IZZ =2.629 KT =0.4078E-01 ASZ =1.182
 ASY =1.180 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =1.416 IYY =0.1062E-01 IZZ =2.629 KT =0.4078E-01 ASZ =1.182
 ASY =1.180 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_interne (Sct7 (RSS D=0.3 B=4.86)) & modifier_Jz_soletta
PROPERTY

```
BMI21  ELEMENTS
 8 1ST NODE  AREA =1.458      IYY =0.1093E-01  IZZ =2.870      KT =0.4204E-01  ASZ =1.217
    ASY =1.215      EZ =0.0000E+00  EY =0.0000E+00  IYZ =0.0000E+00
 2ND NODE   AREA =1.458      IYY =0.1093E-01  IZZ =2.870      KT =0.4204E-01  ASZ =1.217
    ASY =1.215      EZ =0.0000E+00  EY =0.0000E+00  IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
  SF1 = 1.000      SF2 = 1.000      SF3 = 10.00     SF4 = 1.000      SF5 = 1.000
  SF6 = 1.000      SF7 = 1.000      SF8 = 1.000      SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
  MF1 = 1.000      MF2 = 1.000      MF3 = 1.000      MF4 = 1.000      MF5 = 1.000
  MF6 = 1.000      MF7 = 1.000      MF8 = 1.000      MF9 = 1.000
```

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

el_soletta_riva_terminali (Sct4 (RSS D=0.3 B=2.9)) & modifier_Jz_soletta
PROPERTY

```
BMI21  ELEMENTS
 9 1ST NODE  AREA =0.8700      IYY =0.6525E-02  IZZ =0.6097      KT =0.2440E-01  ASZ =0.7258
    ASY =0.7250      EZ =0.0000E+00  EY =0.0000E+00  IYZ =0.0000E+00
 2ND NODE   AREA =0.8700      IYY =0.6525E-02  IZZ =0.6097      KT =0.2440E-01  ASZ =0.7258
    ASY =0.7250      EZ =0.0000E+00  EY =0.0000E+00  IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
  SF1 = 1.000      SF2 = 1.000      SF3 = 10.00     SF4 = 1.000      SF5 = 1.000
  SF6 = 1.000      SF7 = 1.000      SF8 = 1.000      SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
  MF1 = 1.000      MF2 = 1.000      MF3 = 1.000      MF4 = 1.000      MF5 = 1.000
  MF6 = 1.000      MF7 = 1.000      MF8 = 1.000      MF9 = 1.000
```

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

el_soletta_riva_estremi (el_soletta_estremi (RSS D=0.3 B=0.05)) & modifier_Jz_soletta
PROPERTY

```
BMI21  ELEMENTS
10 1ST NODE  AREA =0.1500E-01  IYY =0.1125E-03  IZZ =0.3125E-05  KT =0.1119E-04  ASZ =0.1250E-01
    ASY =0.1251E-01  EZ =0.0000E+00  EY =0.0000E+00  IYZ =0.0000E+00
 2ND NODE   AREA =0.1500E-01  IYY =0.1125E-03  IZZ =0.3125E-05  KT =0.1119E-04  ASZ =0.1250E-01
    ASY =0.1251E-01  EZ =0.0000E+00  EY =0.0000E+00  IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
  SF1 = 1.000      SF2 = 1.000      SF3 = 10.00     SF4 = 1.000      SF5 = 1.000
  SF6 = 1.000      SF7 = 1.000      SF8 = 1.000      SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
  MF1 = 1.000      MF2 = 1.000      MF3 = 1.000      MF4 = 1.000      MF5 = 1.000
  MF6 = 1.000      MF7 = 1.000      MF8 = 1.000      MF9 = 1.000
```

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

traversi_appoggio (Sct1 (I D=1 B=0.3 tf=0.02 tw=0.018 r=0))
PROPERTY

```
BMI21  ELEMENTS
11 1ST NODE  AREA =0.2928E-01  IYY =0.4209E-02  IZZ =0.9047E-04  KT =0.3477E-05  ASZ =0.1703E-01
    ASY =0.1027E-01  EZ =1.000      EY =0.0000E+00  IYZ =0.0000E+00
 2ND NODE   AREA =0.2928E-01  IYY =0.4209E-02  IZZ =0.9047E-04  KT =0.3477E-05  ASZ =0.1703E-01
    ASY =0.1027E-01  EZ =1.000      EY =0.0000E+00  IYZ =0.0000E+00
```

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

traversi_intermedi (Sct2 (I D=1 B=0.3 tf=0.02 tw=0.015 r=0))
PROPERTY

```
BMI21  ELEMENTS
12 1ST NODE  AREA =0.2640E-01  IYY =0.3988E-02  IZZ =0.9027E-04  KT =0.2665E-05  ASZ =0.1428E-01
    ASY =0.1017E-01  EZ =1.000      EY =0.0000E+00  IYZ =0.0000E+00
 2ND NODE   AREA =0.2640E-01  IYY =0.3988E-02  IZZ =0.9027E-04  KT =0.2665E-05  ASZ =0.1428E-01
    ASY =0.1017E-01  EZ =1.000      EY =0.0000E+00  IYZ =0.0000E+00
```

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

Pulvino_pila_corrente (Pulvino_corrente (RSS D=2.5 B=1.8))
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 13 | 1ST NODE | AREA | =4.500 | IYY | =2.344 | IZZ | =1.215 | KT | =2.710 | ASZ | =3.750 |
| | | ASY | =3.751 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =4.500 | IYY | =2.344 | IZZ | =1.215 | KT | =2.710 | ASZ | =3.750 |
| | | ASY | =3.751 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

rigid
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|
| 14 | 1ST NODE | AREA | =10.00 | IYY | =100.0 | IZZ | =100.0 | KT | =100.0 | ASZ | =0.1000E+05 |
| | | ASY | =0.1000E+05 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =10.00 | IYY | =100.0 | IZZ | =100.0 | KT | =100.0 | ASZ | =0.1000E+05 |
| | | ASY | =0.1000E+05 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

Pila Corrente (Fusto_pila_tipo)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|--------------|-----|--------|
| 15 | 1ST NODE | AREA | =6.927 | IYY | =7.940 | IZZ | =23.78 | KT | =22.73 | ASZ | =1.720 |
| | | ASY | =4.929 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =-0.2837E-13 | | |
| | 2ND NODE | AREA | =6.927 | IYY | =7.940 | IZZ | =23.78 | KT | =22.73 | ASZ | =1.720 |
| | | ASY | =4.929 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =-0.2837E-13 | | |

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

Plinto_Pila_corrente (Plinto_corrente (RSS D=9.6 B=6) R90)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 16 | 1ST NODE | AREA | =57.60 | IYY | =172.8 | IZZ | =442.4 | KT | =422.5 | ASZ | =48.01 |
| | | ASY | =48.00 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =57.60 | IYY | =172.8 | IZZ | =442.4 | KT | =422.5 | ASZ | =48.01 |
| | | ASY | =48.00 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

Pulvino_pila_P8 (Pulvino_P8 (RSS D=2.5 B=3.3))
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 17 | 1ST NODE | AREA | =8.250 | IYY | =4.297 | IZZ | =7.487 | KT | =9.236 | ASZ | =6.876 |
| | | ASY | =6.876 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =8.250 | IYY | =4.297 | IZZ | =7.487 | KT | =9.236 | ASZ | =6.876 |
| | | ASY | =6.876 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

Plinto_Pila_P8 (Plinto_P8 (RSS D=9.6 B=9.6) R90)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 18 | 1ST NODE | AREA | =92.16 | IYY | =707.8 | IZZ | =707.8 | KT | =1194. | ASZ | =76.81 |
| | | ASY | =76.81 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |
| | 2ND NODE | AREA | =92.16 | IYY | =707.8 | IZZ | =707.8 | KT | =1194. | ASZ | =76.81 |
| | | ASY | =76.81 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.0000E+00 | | |

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

PilaP8 (Fusto_P8)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | | | |
|----------------|----------|------|--------|-----|-------------|-----|-------------|-----|-------------|-----|--------|
| 19 | 1ST NODE | AREA | =12.78 | IYY | =32.10 | IZZ | =42.31 | KT | =62.60 | ASZ | =3.264 |
| | | ASY | =9.320 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.2595E-13 | | |
| | 2ND NODE | AREA | =12.78 | IYY | =32.10 | IZZ | =42.31 | KT | =62.60 | ASZ | =3.264 |
| | | ASY | =9.320 | EZ | =0.0000E+00 | EY | =0.0000E+00 | IYZ | =0.2595E-13 | | |

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

joints
PROPERTY

JSH4 ELEMENTS
20 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 2132

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

| FIRST ELEMENT | LAST ELEMENT | DIFF- ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|------------------|-----------------|-----------------|------------------|------------------|
| 1 | 4 | 1 | 14 | 32 |
| 5 | 8 | 1 | 13 | 31 |
| 9 | 0 | 0 | 14 | 32 |
| 10 | 17 | 1 | 15 | 33 |
| 18 | 19 | 1 | 14 | 32 |
| 20 | 23 | 1 | 13 | 31 |
| 24 | 0 | 0 | 14 | 32 |
| 25 | 32 | 1 | 15 | 33 |
| 33 | 34 | 1 | 14 | 32 |
| 35 | 36 | 1 | 16 | 34 |
| 37 | 38 | 1 | 14 | 32 |
| 39 | 42 | 1 | 13 | 31 |
| 43 | 0 | 0 | 14 | 32 |
| 44 | 51 | 1 | 15 | 33 |
| 52 | 0 | 0 | 16 | 34 |
| 53 | 56 | 1 | 14 | 32 |
| 57 | 60 | 1 | 13 | 31 |
| 61 | 0 | 0 | 14 | 32 |
| 62 | 69 | 1 | 15 | 33 |
| 70 | 0 | 0 | 16 | 34 |
| 71 | 74 | 1 | 14 | 32 |
| 75 | 78 | 1 | 13 | 31 |
| 79 | 0 | 0 | 14 | 32 |
| 80 | 87 | 1 | 15 | 33 |
| 88 | 0 | 0 | 16 | 34 |
| 89 | 92 | 1 | 14 | 32 |
| 93 | 96 | 1 | 13 | 31 |
| 97 | 0 | 0 | 14 | 32 |
| 98 | 105 | 1 | 15 | 33 |
| 106 | 0 | 0 | 16 | 34 |
| 107 | 110 | 1 | 14 | 32 |
| 111 | 114 | 1 | 13 | 31 |
| 115 | 0 | 0 | 14 | 32 |
| 116 | 123 | 1 | 15 | 33 |
| 124 | 0 | 0 | 16 | 34 |
| 125 | 128 | 1 | 14 | 32 |
| 129 | 132 | 1 | 13 | 31 |
| 133 | 0 | 0 | 14 | 32 |
| 134 | 141 | 1 | 15 | 33 |
| 142 | 0 | 0 | 16 | 34 |
| 143 | 146 | 1 | 14 | 32 |
| 147 | 150 | 1 | 13 | 31 |
| 151 | 0 | 0 | 14 | 32 |
| 152 | 159 | 1 | 15 | 33 |
| 160 | 0 | 0 | 16 | 34 |
| 161 | 164 | 1 | 14 | 32 |
| 165 | 168 | 1 | 13 | 31 |
| 169 | 0 | 0 | 14 | 32 |
| 170 | 177 | 1 | 15 | 33 |
| 178 | 0 | 0 | 16 | 34 |
| 179 | 182 | 1 | 14 | 32 |
| 183 | 186 | 1 | 13 | 31 |
| 187 | 0 | 0 | 14 | 32 |
| 188 | 195 | 1 | 15 | 33 |
| 196 | 0 | 0 | 16 | 34 |
| 197 | 200 | 1 | 14 | 32 |
| 201 | 204 | 1 | 13 | 31 |
| 205 | 0 | 0 | 14 | 32 |
| 206 | 213 | 1 | 15 | 33 |
| 214 | 0 | 0 | 16 | 34 |
| 215 | 218 | 1 | 14 | 32 |
| 219 | 222 | 1 | 13 | 31 |
| 223 | 0 | 0 | 14 | 32 |
| 224 | 231 | 1 | 15 | 33 |
| 232 | 0 | 0 | 16 | 34 |
| 233 | 236 | 1 | 14 | 32 |
| 237 | 240 | 1 | 13 | 31 |
| 241 | 0 | 0 | 14 | 32 |
| 242 | 249 | 1 | 15 | 33 |
| 250 | 0 | 0 | 16 | 34 |
| 251 | 254 | 1 | 14 | 32 |
| 255 | 258 | 1 | 13 | 31 |
| 259 | 0 | 0 | 14 | 32 |
| 260 | 267 | 1 | 15 | 33 |
| 268 | 0 | 0 | 16 | 34 |
| 269 | 270 | 1 | 14 | 32 |
| 271 | 274 | 1 | 17 | 35 |
| 275 | 0 | 0 | 14 | 32 |
| 276 | 283 | 1 | 19 | 37 |

| | | | | |
|------|------|---|----|----|
| 284 | 0 | 0 | 18 | 36 |
| 285 | 333 | 1 | 14 | 32 |
| 334 | 338 | 1 | 11 | 27 |
| 339 | 479 | 1 | 12 | 28 |
| 480 | 493 | 1 | 11 | 27 |
| 494 | 0 | 0 | 9 | 17 |
| 495 | 496 | 1 | 8 | 16 |
| 497 | 521 | 1 | 7 | 15 |
| 522 | 629 | 1 | 8 | 16 |
| 630 | 638 | 1 | 7 | 15 |
| 639 | 645 | 1 | 8 | 16 |
| 646 | 647 | 1 | 9 | 17 |
| 648 | 652 | 1 | 8 | 16 |
| 653 | 0 | 0 | 9 | 17 |
| 654 | 655 | 1 | 8 | 16 |
| 656 | 673 | 1 | 7 | 15 |
| 674 | 781 | 1 | 8 | 16 |
| 782 | 790 | 1 | 7 | 15 |
| 791 | 797 | 1 | 8 | 16 |
| 798 | 799 | 1 | 9 | 17 |
| 800 | 804 | 1 | 8 | 16 |
| 805 | 808 | 1 | 10 | 18 |
| 809 | 0 | 0 | 9 | 17 |
| 810 | 811 | 1 | 8 | 16 |
| 812 | 829 | 1 | 7 | 15 |
| 830 | 937 | 1 | 8 | 16 |
| 938 | 946 | 1 | 7 | 15 |
| 947 | 953 | 1 | 8 | 16 |
| 954 | 955 | 1 | 9 | 17 |
| 956 | 960 | 1 | 8 | 16 |
| 961 | 964 | 1 | 10 | 18 |
| 965 | 967 | 1 | 7 | 15 |
| 968 | 0 | 0 | 9 | 17 |
| 969 | 972 | 1 | 7 | 15 |
| 973 | 0 | 0 | 9 | 17 |
| 974 | 980 | 1 | 7 | 15 |
| 981 | 0 | 0 | 9 | 17 |
| 982 | 983 | 1 | 39 | 1 |
| 984 | 986 | 1 | 43 | 11 |
| 987 | 989 | 1 | 44 | 13 |
| 990 | 993 | 1 | 42 | 10 |
| 994 | 996 | 1 | 41 | 7 |
| 997 | 1000 | 1 | 40 | 3 |
| 1001 | 1003 | 1 | 41 | 7 |
| 1004 | 1007 | 1 | 42 | 10 |
| 1008 | 1010 | 1 | 41 | 7 |
| 1011 | 1014 | 1 | 40 | 3 |
| 1015 | 1017 | 1 | 41 | 7 |
| 1018 | 1021 | 1 | 42 | 10 |
| 1022 | 1024 | 1 | 41 | 7 |
| 1025 | 1028 | 1 | 40 | 3 |
| 1029 | 1031 | 1 | 41 | 7 |
| 1032 | 1035 | 1 | 42 | 10 |
| 1036 | 1038 | 1 | 41 | 7 |
| 1039 | 1042 | 1 | 40 | 3 |
| 1043 | 1045 | 1 | 41 | 7 |
| 1046 | 1049 | 1 | 42 | 10 |
| 1050 | 1052 | 1 | 41 | 7 |
| 1053 | 1056 | 1 | 40 | 3 |
| 1057 | 1059 | 1 | 41 | 7 |
| 1060 | 1063 | 1 | 42 | 10 |
| 1064 | 1066 | 1 | 41 | 7 |
| 1067 | 1070 | 1 | 40 | 3 |
| 1071 | 1073 | 1 | 41 | 7 |
| 1074 | 1077 | 1 | 42 | 10 |
| 1078 | 1080 | 1 | 41 | 7 |
| 1081 | 1084 | 1 | 40 | 3 |
| 1085 | 1087 | 1 | 41 | 7 |
| 1088 | 1091 | 1 | 42 | 10 |
| 1092 | 1094 | 1 | 44 | 13 |
| 1095 | 1097 | 1 | 43 | 11 |
| 1098 | 1101 | 1 | 39 | 1 |
| 1102 | 1104 | 1 | 43 | 11 |
| 1105 | 1107 | 1 | 44 | 13 |
| 1108 | 1111 | 1 | 42 | 10 |
| 1112 | 1114 | 1 | 41 | 7 |
| 1115 | 1118 | 1 | 40 | 3 |
| 1119 | 1121 | 1 | 41 | 7 |
| 1122 | 1125 | 1 | 42 | 10 |
| 1126 | 1128 | 1 | 41 | 7 |
| 1129 | 1132 | 1 | 40 | 3 |
| 1133 | 1135 | 1 | 41 | 7 |
| 1136 | 1139 | 1 | 42 | 10 |
| 1140 | 1142 | 1 | 41 | 7 |
| 1143 | 1146 | 1 | 40 | 3 |
| 1147 | 1149 | 1 | 41 | 7 |
| 1150 | 1153 | 1 | 42 | 10 |
| 1154 | 1156 | 1 | 41 | 7 |
| 1157 | 1160 | 1 | 40 | 3 |
| 1161 | 1163 | 1 | 41 | 7 |
| 1164 | 1167 | 1 | 42 | 10 |
| 1168 | 1170 | 1 | 41 | 7 |
| 1171 | 1174 | 1 | 40 | 3 |
| 1175 | 1177 | 1 | 41 | 7 |
| 1178 | 1181 | 1 | 42 | 10 |
| 1182 | 1184 | 1 | 41 | 7 |
| 1185 | 1188 | 1 | 40 | 3 |
| 1189 | 1191 | 1 | 41 | 7 |
| 1192 | 1195 | 1 | 42 | 10 |
| 1196 | 1198 | 1 | 41 | 7 |
| 1199 | 1201 | 1 | 43 | 11 |
| 1202 | 1209 | 1 | 39 | 1 |
| 1210 | 1212 | 1 | 43 | 11 |
| 1213 | 1215 | 1 | 44 | 13 |
| 1216 | 1219 | 1 | 42 | 10 |

| | | | | |
|------|------|---|----|----|
| 1220 | 1222 | 1 | 41 | 7 |
| 1223 | 1226 | 1 | 40 | 3 |
| 1227 | 1229 | 1 | 41 | 7 |
| 1230 | 1233 | 1 | 42 | 10 |
| 1234 | 1236 | 1 | 41 | 7 |
| 1237 | 1240 | 1 | 40 | 3 |
| 1241 | 1243 | 1 | 41 | 7 |
| 1244 | 1247 | 1 | 42 | 10 |
| 1248 | 1250 | 1 | 41 | 7 |
| 1251 | 1254 | 1 | 40 | 3 |
| 1255 | 1257 | 1 | 41 | 7 |
| 1258 | 1261 | 1 | 42 | 10 |
| 1262 | 1264 | 1 | 41 | 7 |
| 1265 | 1268 | 1 | 40 | 3 |
| 1269 | 1271 | 1 | 41 | 7 |
| 1272 | 1275 | 1 | 42 | 10 |
| 1276 | 1278 | 1 | 41 | 7 |
| 1279 | 1282 | 1 | 40 | 3 |
| 1283 | 1285 | 1 | 41 | 7 |
| 1286 | 1289 | 1 | 42 | 10 |
| 1290 | 1292 | 1 | 41 | 7 |
| 1293 | 1296 | 1 | 40 | 3 |
| 1297 | 1299 | 1 | 41 | 7 |
| 1300 | 1303 | 1 | 42 | 10 |
| 1304 | 1306 | 1 | 41 | 7 |
| 1307 | 1310 | 1 | 40 | 3 |
| 1311 | 1313 | 1 | 41 | 7 |
| 1314 | 1317 | 1 | 42 | 10 |
| 1318 | 1320 | 1 | 44 | 13 |
| 1321 | 1323 | 1 | 43 | 11 |
| 1324 | 1327 | 1 | 39 | 1 |
| 1328 | 1330 | 1 | 43 | 11 |
| 1331 | 1333 | 1 | 44 | 13 |
| 1334 | 1337 | 1 | 42 | 10 |
| 1338 | 1340 | 1 | 41 | 7 |
| 1341 | 1344 | 1 | 40 | 3 |
| 1345 | 1347 | 1 | 41 | 7 |
| 1348 | 1351 | 1 | 42 | 10 |
| 1352 | 1354 | 1 | 41 | 7 |
| 1355 | 1358 | 1 | 40 | 3 |
| 1359 | 1361 | 1 | 41 | 7 |
| 1362 | 1365 | 1 | 42 | 10 |
| 1366 | 1368 | 1 | 41 | 7 |
| 1369 | 1372 | 1 | 40 | 3 |
| 1373 | 1375 | 1 | 41 | 7 |
| 1376 | 1379 | 1 | 42 | 10 |
| 1380 | 1382 | 1 | 41 | 7 |
| 1383 | 1386 | 1 | 40 | 3 |
| 1387 | 1389 | 1 | 41 | 7 |
| 1390 | 1393 | 1 | 42 | 10 |
| 1394 | 1396 | 1 | 41 | 7 |
| 1397 | 1400 | 1 | 40 | 3 |
| 1401 | 1403 | 1 | 41 | 7 |
| 1404 | 1407 | 1 | 42 | 10 |
| 1408 | 1410 | 1 | 41 | 7 |
| 1411 | 1414 | 1 | 40 | 3 |
| 1415 | 1417 | 1 | 41 | 7 |
| 1418 | 1421 | 1 | 42 | 10 |
| 1422 | 1424 | 1 | 41 | 7 |
| 1425 | 1427 | 1 | 43 | 11 |
| 1428 | 1433 | 1 | 39 | 1 |
| 1434 | 1441 | 1 | 10 | 18 |
| 1442 | 0 | 0 | 14 | 32 |
| 1443 | 1507 | 1 | 20 | 4 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 248
 TOTAL NUMBER OF ELEMENTS = 1507
 LARGEST ELEMENT NUMBER = 1507
 LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 44
 DATA STORAGE LOCATIONS USED = 4521

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

MATERIAL

giunti
 7 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

Incastro
 8 KX = 0.1000E+13 KY = 0.1000E+13 KZ = 0.1000E+13 KTX = 0.1000E+13 KTY = 0.1000E+13 KTZ =
 0.1000E+13

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

MATERIAL

HDRB2
9 KX = 0.3530E+07 KY = 0.3530E+07 KZ = 0.2331E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB1
10 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

UL
11 KX = 1.000 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

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

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

MATERIAL

rigido (elastic)
3 E = 0.1000E+13 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3 (elastic) - compound BDM_Phase3
1 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

rigid_cls_pulvini (elastic)
4 E = 0.2100E+15 NU = 0.3000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_sottostrutture (elastic)
5 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_el_sol (elastic)
 6 E = 0.3335E+11 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 490

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

| SHRINKAGE SET | FIRST KO ELEMENT SET | LAST SMEARED REINFORCEMENT ELEMENT SET | DIFF-ERENCE | MATERIAL SET | NSET | STRESS PLASTIC | POTENTIAL DATA SET | CREEP SET | DAMAGE SET | LusasM ID NO. | VISCOELASTIC SET | TWO PHASE MATERIAL SET |
|---------------|----------------------|--|-------------|--------------|------|----------------|--------------------|-----------|------------|---------------|------------------|------------------------|
| 0 | 0 | 1 | 4 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 5 | 8 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 10 | 17 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 18 | 19 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 20 | 23 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 24 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 25 | 32 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 33 | 34 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 35 | 36 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 37 | 38 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 39 | 42 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 43 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 44 | 52 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 53 | 56 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 57 | 60 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 61 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 62 | 70 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 71 | 74 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 75 | 78 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 79 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 80 | 88 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 89 | 92 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 93 | 96 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 97 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 98 | 106 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 107 | 110 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 111 | 114 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 115 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 116 | 124 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 125 | 128 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 129 | 132 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 133 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 134 | 142 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 143 | 146 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 147 | 150 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 151 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 152 | 160 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 161 | 164 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 165 | 168 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 169 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 170 | 178 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |

| | | | | | | | | | | | | | |
|---|---|------|---|------|---|----|---|---|---|---|----|---|---|
| 0 | 0 | 179 | 0 | 182 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 183 | 0 | 186 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 187 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 188 | 0 | 196 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 197 | 0 | 200 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 201 | 0 | 204 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 205 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 206 | 0 | 214 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 215 | 0 | 218 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 219 | 0 | 222 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 223 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 224 | 0 | 232 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 233 | 0 | 236 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 237 | 0 | 240 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 241 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 242 | 0 | 250 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 251 | 0 | 254 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 255 | 0 | 258 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 259 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 260 | 0 | 268 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 269 | 0 | 270 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 271 | 0 | 274 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 275 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 276 | 0 | 284 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 285 | 0 | 333 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 334 | 0 | 493 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 494 | 0 | 981 | 1 | 6 | 0 | 0 | 0 | 0 | 28 | 0 | 0 |
| 0 | 0 | 982 | 0 | 1433 | 1 | 1 | 0 | 0 | 0 | 0 | 17 | 0 | 0 |
| 0 | 0 | 1434 | 0 | 1441 | 1 | 6 | 0 | 0 | 0 | 0 | 28 | 0 | 0 |
| 0 | 0 | 1442 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 1443 | 0 | 1444 | 1 | 10 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| 0 | 0 | 1445 | 0 | 1458 | 1 | 9 | 0 | 0 | 0 | 0 | 10 | 0 | 0 |
| 0 | 0 | 1459 | 0 | 1462 | 1 | 10 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| 0 | 0 | 1463 | 0 | 1478 | 1 | 9 | 0 | 0 | 0 | 0 | 10 | 0 | 0 |
| 0 | 0 | 1479 | 0 | 1480 | 1 | 10 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| 0 | 0 | 1481 | 0 | 1483 | 1 | 7 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 0 | 0 | 1484 | 0 | 1501 | 1 | 8 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| 0 | 0 | 1502 | 0 | 1507 | 1 | 11 | 0 | 0 | 0 | 0 | 29 | 0 | 0 |

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 80

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

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

C O N S T R A I N T E Q U A T I O N S

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | THX | 1.00000 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | THY | 1.00000 |
| 2611 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | THZ | 1.00000 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | THX | 1.00000 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | THY | 1.00000 |
| 2611 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | THZ | 1.00000 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | V | 1.00000 |
| 2611 | 0 | 0 | V | -1.00000 |
| 2611 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | W | 0.285714 |
| 2611 | 0 | 0 | W | -0.285714 |
| 2611 | 0 | 0 | THX | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | V | 1.00000 |
| 2611 | 0 | 0 | V | -1.00000 |
| 2611 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | W | 0.285714 |
| 2611 | 0 | 0 | W | -0.285714 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | 1.000000 |

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 24
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
 LARGEST NODE NUMBER ENCOUNTERED = 2612

DATA STORAGE LOCATIONS USED = 227

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

F = FREE
 R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
 S = SPRING
 P1 = VISCOUS TRANSMITTING (PRESSURE WAVE): EXPLICIT DEFINITION
 P2 = VISCOUS TRANSMITTING (PRESSURE WAVE): AUTOMATIC CALCULATION
 Z1 = VISCOUS TRANSMITTING (SHEAR WAVE): EXPLICIT DEFINITION
 Z2 = VISCOUS TRANSMITTING (SHEAR WAVE): AUTOMATIC CALCULATION

| FIRST SUPPORT NODE | LAST SUPPORT NODE | DIFF RNCE | SUPPORT CONDITION | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | | | | |
|--------------------|-------------------|-----------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------|--------------|--------------|-----|
| | | | | OR | OR | OR | OR | OR | OR | | | | |
| | | | | VISCOUS SUPPT | VISCOUS SUPPT | VISCOUS SUPPT | VISCOUS SUPPT | VISCOUS SUPPT | VISCOUS SUPPT | | | | |
| | | | | CONSTANT | CONSTANT | CONSTANT | CONSTANT | CONSTANT | CONSTANT | | | | |
| | | | | OR | OR | OR | OR | OR | OR | | | | |
| | | | | PRESCRIBED | PRESCRIBED | PRESCRIBED | PRESCRIBED | PRESCRIBED | PRESCRIBED | | | | |
| | | | | VALUE | VALUE | VALUE | VALUE | VALUE | VALUE | | | | |
| FREEDOM | THZ | | | FREEDOM | U | FREEDOM | V | FREEDOM | W | FREEDOM | THX | FREEDOM | THY |
| 2585 | 2604 | 1 | R R R R R R R | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | |

TOTAL NUMBER OF SUPPORT NODES = 20
 LARGEST NODE NUMBER = 2604

DATA STORAGE LOCATIONS USED = 210

L O A D C A S E 60

Q1_viadottol

| FIRST NODE | LAST NODE | DIFF RNCE | FORCE FX | FORCE FY | FORCE FZ | FORCE MX | FORCE MY | FORCE MZ |
|------------|-----------|-----------|----------|--------------|--------------|--------------|--------------|--------------|
| 609 | 0 | 0 | 3418.2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 612 | 0 | 0 | 6083.7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 615 | 0 | 0 | 6081.4 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 618 | 0 | 0 | 6080.1 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 621 | 0 | 0 | 6078.3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 624 | 0 | 0 | 6075.8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 627 | 0 | 0 | 6073.2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 630 | 0 | 0 | 5990.6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 633 | 0 | 0 | 3517.9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 666 | 0 | 0 | 3418.2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 669 | 0 | 0 | 6083.7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 672 | 0 | 0 | 6081.4 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 675 | 0 | 0 | 6080.1 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 678 | 0 | 0 | 6078.3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 681 | 0 | 0 | 6075.8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 684 | 0 | 0 | 6073.2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 687 | 0 | 0 | 5990.6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 690 | 0 | 0 | 3517.9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 726 | 727 | 1 | 5011.8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 729 | 730 | 1 | 4116.3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 732 | 733 | 1 | 5190.5 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 735 | 736 | 1 | 3937.6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 738 | 739 | 1 | 5369.3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 741 | 742 | 1 | 3758.9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 744 | 745 | 1 | 3755.1 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 747 | 748 | 1 | 5108.8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 750 | 751 | 1 | 4103.7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 753 | 754 | 1 | 4760.2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 756 | 757 | 1 | 4452.3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 759 | 760 | 1 | 4411.6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 798 | 799 | 1 | 3762.0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 801 | 802 | 1 | 5361.0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 804 | 805 | 1 | 5361.0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 807 | 808 | 1 | 3762.0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 810 | 811 | 1 | 6082.0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

L O A D C A S E 64

Qt_P16

| CONCENTRATED LOAD | | | | | | | | | |
|------------------------------------|------|------|-------------|--------|---------|-------------|-------------|-------------|-------------|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE |
| NODE | NODE | RNCE | FX | FY | FZ | MX | MY | MZ | |
| 660 | 0 | 0 | 0.00000E+00 | 18180. | 2129.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 717 | 0 | 0 | 0.00000E+00 | 18180. | -2129.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 2 | | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 717 | | | | |

L O A D C A S E 65

Qt_S2

| CONCENTRATED LOAD | | | | | | | | | |
|------------------------------------|------|------|-------------|--------|---------|-------------|-------------|-------------|-------------|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE |
| NODE | NODE | RNCE | FX | FY | FZ | MX | MY | MZ | |
| 663 | 0 | 0 | 0.00000E+00 | 18180. | 2129.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 724 | 0 | 0 | 0.00000E+00 | 18180. | -2129.9 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 2 | | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 724 | | | | |

L O A D C A S E 66

Qfrict_S1

| CONCENTRATED LOAD | | | | | | | | | |
|------------------------------------|------|------|---------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE |
| NODE | NODE | RNCE | FX | FY | FZ | MX | MY | MZ | |
| 610 | 667 | 57 | -17500. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 2605 | 2606 | 1 | 17500. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 4 | | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2606 | | | | |

L O A D C A S E 67

Qfrict_P8_V2

| CONCENTRATED LOAD | | | | | | | | | |
|------------------------------------|------|------|---------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE |
| NODE | NODE | RNCE | FX | FY | FZ | MX | MY | MZ | |
| 637 | 694 | 57 | -16900. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 2607 | 2608 | 1 | 16900. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 4 | | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2608 | | | | |

L O A D C A S E 68

Qfrict_S2

| CONCENTRATED LOAD | | | | | | | | | |
|------------------------------------|------|------|---------|-------------|-------------|-------------|-------------|-------------|-------------|
| FIRST | LAST | DIFF | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE | FORCE |
| NODE | NODE | RNCE | FX | FY | FZ | MX | MY | MZ | |
| 664 | 2579 | 1915 | 17500. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| 2609 | 2610 | 1 | -17500. | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 | 0.00000E+00 |
| NUMBER OF LOADED NODES OR ELEMENTS | | | | = | 4 | | | | |
| LARGEST NODE OR ELEMENT NUMBER | | | | = | 2610 | | | | |

DATA STORAGE LOCATIONS USED = 2682

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

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT | LAST ELT | DIFF RNCE | OUTPUT CONTROL | AVERAGED NODAL VALUES GROUP | NODAL FORCE OUTPUT GROUP | HISTORY CONTROL | PLOT FILE CONTROL |
|---------------------------------------|----------|-----------|----------------|-----------------------------|--------------------------|-----------------|-------------------|
| 1 | 1507 | 1 | 0 | 0 | 0 | 0 | 0 |
| TOTAL NUMBER OF ELEMENT OUTPUT SETS | | | | = | 1 | | |
| TOTAL NUMBER OF ELEMENTS OUTPUT | | | | = | 1507 | | |
| LARGEST ELEMENT NUMBER INPUT | | | | = | 1507 | | |
| LARGEST ELEMENT OUTPUT CONTROL NUMBER | | | | = | 0 | | |
| DATA STORAGE LOCATIONS USED | | | | = | 4 | | |

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFF RNCE | OUTPUT CONTROL | HISTORY CONTROL | |
|-------------------------------------|-----------|-----------|----------------|-----------------|------|
| 1 | 2742 | 1 | 0 | 0 | |
| TOTAL NUMBER OF NODE OUTPUT SETS | | | | = | 1 |
| TOTAL NUMBER OF NODES OUTPUT | | | | = | 0 |
| LARGEST NODE NUMBER INPUT | | | | = | 2742 |
| LARGEST NODE OUTPUT CONTROL NUMBER | | | | = | 0 |
| LARGEST NODE HISTORY CONTROL NUMBER | | | | = | 0 |
| DATA STORAGE LOCATIONS USED | | | | = | 0 |

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

| | | |
|--|---|----------------------------------|
| TOTAL NUMBER OF ELEMENTS | = | 1507 |
| TOTAL NUMBER OF CONSTRAINTS | = | 24 |
| TOTAL NUMBER OF NODES | = | 2742 |
| TOTAL NUMBER OF SUPPORT NODES | = | 20 |
| TOTAL NUMBER OF LOADING CASES | = | 9 |
| LOCATIONS USED DURING DATA PROCESSING | = | 157326794 |
| LOCATIONS AVAILABLE | = | 196608000 |
| TIME USED TO PROCESS INPUT DATA | = | 0.25300 SEC. |
| TIME AT CENTRAL PROCESSOR | = | 8:36:46 ON 22/06/23 (DAY/MTH/YR) |
| INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE | = | 1507 |
| INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE | = | 0 |

WARNING THE FAST PARALLEL SOLVER WILL BE USED AS DEFAULT IF CONSTRAINT EQUATIONS ARE PRESENT - EXPLICITLY SPECIFYING THE SOLVER TYPE WILL OVERRIDE (SOLTYP PROCESSOR)

WARNING NODES 2585 AND 2567 FOR ELEMENT NUMBER 1481 ARE NOT COINCIDENT THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

WARNING NODES 2570 AND 2573 FOR ELEMENT NUMBER 1482 ARE NOT COINCIDENT THE DISTANCE BETWEEN THEM IS 0.1000 (BMTJNT PROCESSOR)

WARNING NODES 2586 AND 2576 FOR ELEMENT NUMBER 1483 ARE NOT COINCIDENT THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

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

| MATERIAL SET | GEOMETRIC SUMMARY | | | ELEMENT MASS KG | CENTRE OF GRAVITY | | |
|----------------------|-------------------|--------------|--------------|-----------------|-------------------|--------------|--------------|
| | LENGTH M | AREA sq M | VOLUME cu M | | X-COORD M | Y-COORD M | Z-COORD M |
| 3 | 178.300 | 0.000000E+00 | 1783.00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 146.560 | 0.000000E+00 | 693.870 | 0.173468E+07 | 21.7698 | 5.62500 | -4.25000 |
| 5 | 83.0500 | 0.000000E+00 | 2142.04 | 0.535509E+07 | 25.4711 | 5.62500 | -9.38250 |
| 2 | 1120.00 | 0.000000E+00 | 29.9510 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 1857.71 | 0.000000E+00 | 2596.01 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 1537.04 | 0.000000E+00 | 0.863810E-04 | 0.215953 | 24.0429 | 5.62500 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 2.10000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 4924.76 | 0.000000E+00 | 7244.87 | 0.708976E+07 | 24.5655 | 5.62500 | -8.12671 |

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

| | | | | | | |
|----------------------|--------------|--------------|--------------|---------------|--------------|--------------|
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 0.101134E+09 | 0.745661E+11 | 0.746046E+11 | -0.212420E+09 | 0.414696E+08 | 0.160495E+09 |
| 5 | 0.654655E+09 | 0.223137E+12 | 0.222821E+12 | -0.767250E+09 | 0.282623E+09 | 0.154437E+10 |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 9.47829 | 10692.9 | 10702.4 | -29.2057 | 0.000000E+00 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 0.755789E+09 | 0.297703E+12 | 0.297426E+12 | -0.979670E+09 | 0.324093E+09 | 0.170486E+10 |

| MATERIAL SET | MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGINS AT CENTROIDS | | | | | |
|----------------------|--|-----------------|-----------------|-----------------|-----------------|-----------------|
| | Ixx KG M **2 | Iyy KG M **2 | Izz KG M **2 | Ixy KG M **2 | Iyz KG M **2 | Ixz KG M **2 |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 0.149151E+08 | 0.737127E+11 | 0.737276E+11 | -0.298023E-07 | 0.000000E+00 | 0.178814E-06 |
| 5 | 0.138015E+08 | 0.219191E+12 | 0.219178E+12 | 0.357628E-06 | 0.172853E-05 | 0.264594E+09 |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 2.64542 | 10568.0 | 10570.7 | -0.710543E-14 | 0.000000E+00 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 0.632318E+08 | 0.292957E+12 | 0.292923E+12 | 0.476837E-06 | 0.154972E-05 | 0.289485E+09 |

| MATERIAL SET | PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES | | | | | | PRINCIPAL DIRECTIONS |
|----------------------|--|------------------|------------------|---------------------|---------------------|----------------------|----------------------|
| | I 11 KG M **2 | I 22 KG M **2 | I 33 KG M **2 | | | | |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | |
| 4 | 0.737276E+11 | 0.737127E+11 | 0.149151E+08 | (0.00, 0.00, 1.00) | (0.00, 1.00, 0.00) | (1.00, 0.00, -0.00) | |
| 5 | 0.219191E+12 | 0.219178E+12 | 0.134821E+08 | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | (1.00, 0.00, -0.00) | |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | |
| 1 | 10570.7 | 10568.0 | 2.64542 | (0.00, 0.00, 1.00) | (0.00, 1.00, 0.00) | (1.00, 0.00, 0.00) | |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | |
| TOTALS FOR STRUCTURE | 0.292957E+12 | 0.292923E+12 | 0.629457E+08 | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | (1.00, 0.00, -0.00) | |

| FORCE OUTPUT GROUP | RESULTANT APPLIED LOAD AT ORIGIN IN GLOBAL DIRECTIONS | | | | | |
|----------------------|---|--------------|--------------|--------------|--------------|---------------|
| | Fx N | Fy N | Fz N | Mx N .M | My N .M | Mz N .M |
| LOAD CASE 60 | | | | | | |
| TOTALS FOR STRUCTURE | 900996. | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -0.506810E+07 |
| LOAD CASE 61 | | | | | | |
| TOTALS FOR STRUCTURE | 901099. | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | -0.506868E+07 |
| LOAD CASE 62 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 36360.0 | 0.000000E+00 | -14909.1 | 0.000000E+00 | 0.100458E+08 |
| LOAD CASE 63 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 36360.0 | 0.000000E+00 | -14909.1 | 0.000000E+00 | 0.118125E+08 |
| LOAD CASE 64 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 36360.0 | 0.000000E+00 | -14909.1 | 0.000000E+00 | 0.135833E+08 |
| LOAD CASE 65 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 36360.0 | 0.000000E+00 | -14909.1 | 0.000000E+00 | 0.148207E+08 |
| LOAD CASE 66 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 67 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 68 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2155

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.50000E-02 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 72010

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 6329614
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7020
 TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7020
 TOTAL NO. OF EQUATIONS = 7044
 TOTAL NO. OF ACTIVE NODES = 1170
 NUMBER OF ELEMENT GROUPS = 2
 MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1442
 MAXIMUM SIZE OF ELEMENT DATA RECORDS = 1042839
 MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 3544588
 MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
 MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 1198478
 TOTAL SIZE OF ELEMENT DATA RECORDS = 1094072
 TOTAL SIZE OF ELEMENT RESULT RECORDS = 3599218
 TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
 TOTAL SIZE OF GLOBAL SOLUTION RECORD = 40912
 TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 178393

TIME FOR PRE-SOLUTION PROCESS = 0.22000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 8:36:46 ON 22/06/23 (DAY/MTH/YR)

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

=====

= Parallel multifrontal solver statistics =

=====

Solving symmetric indefinite matrix
 Minimum degree equation re-ordering algorithm used
 Number of nonzeros in L and U = 106311
 Number of iterative refinement steps = 4
 Number of positive eigenvalues = 6900
 Number of negative eigenvalues = 24
 Peak memory used during analysis and symbolic factorisation (MB) = 4.45
 Total peak memory used during solve (MB) = 6.74
 In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.68454E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.94546E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.15317E-22
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.23284E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 = 0.32089E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 6 = 0.14392E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 7 = 0.34915E-25
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 8 = 0.76503E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 9 = 0.30232E-25

TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 6451257
 LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1347
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.44700 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.72400 SEC.

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

TIME AT CENTRAL PROCESSOR = 8:36:47 ON 22/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

| Disk Unit Name | Disk Page Size (Bytes) | Calls to I/O Routines | Buffered Transfers | Disk Accesses | Page Table Swaps | Peak File Size (Mbytes) |
|----------------|------------------------|-----------------------|--------------------|---------------|------------------|-------------------------|
| PROBLEM | 16384 | 180 | 3026 | 1586 | 0 | 22.12500 |
| FRONTAL | 16384 | 0 | 0 | 0 | 0 | 0.1562500E-01 |
| SHAPES | 16384 | 6 | 101 | 74 | 0 | 1.140625 |
| PLOT | 16384 | 13607 | 16414 | 2765 | 0 | 44.32812 |
| RESTART | 0 | 0 | 0 | 0 | 0 | 0.0000000E+00 |

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 8:39:41 ON 22/06/23 (DAY/MTH/YR)

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

VBNMAME VALUE
NLPZ 196608000
NPGS 960

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

Build Information : MODELLER04 - Dec 23 2022 12:33:43

Kit Version : 20.0-2
Solver Version : 20.0.1617.7496 (32-bit)

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

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

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

KeyID 15062 licensed on PC processor. Expires 1-07-2024
Using Sentinel license server.
Analysis Options : Nonlinear, Dynamics, Thermal/Field, FDS (Fast Direct Solver)
Element Library : Plus

Solver executed : C:\LUSAS200\Programs (x86)\Lusas_S.exe
Input file :
D:\SynologyDrive\01_lavoro\48_037_09_23_632_418_Due_Viadotti_Trevalli_Esec_Sintagma_LF\03_calcoli\VI02_molino_vecchio\LUSASFiles
32\Molino_Vecchio_Sottostrutture_15_g\Molino_Vecchio_Sottostrutture_15_g~07_VSM.dat

Number of processors available : 20
Maximum number of threads available : 20

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 8:39:41 ON 22/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | | | |
|----------------|----------------------|------|------|------|
| | JSH4 | | | |
| | ELEMENTS | | | |
| 1443 | 2581 | 2605 | 2613 | 2614 |
| 1444 | 2582 | 2606 | 2615 | 2616 |
| 1445 | 1 | 613 | 2617 | 2618 |
| 1446 | 4 | 670 | 2619 | 2620 |
| 1447 | 67 | 616 | 2621 | 2622 |
| 1448 | 69 | 673 | 2623 | 2624 |
| 1449 | 110 | 619 | 2625 | 2626 |
| 1450 | 108 | 676 | 2627 | 2628 |
| 1451 | 147 | 622 | 2629 | 2630 |
| 1452 | 145 | 679 | 2631 | 2632 |
| 1453 | 184 | 625 | 2633 | 2634 |
| 1454 | 182 | 682 | 2635 | 2636 |
| 1455 | 221 | 628 | 2637 | 2638 |
| 1456 | 219 | 685 | 2639 | 2640 |
| 1457 | 258 | 631 | 2641 | 2642 |
| 1458 | 256 | 688 | 2643 | 2644 |
| 1459 | 597 | 634 | 2645 | 2646 |
| 1460 | 605 | 691 | 2647 | 2648 |
| 1461 | 593 | 2607 | 2649 | 2650 |
| 1462 | 601 | 2608 | 2651 | 2652 |
| 1463 | 295 | 640 | 2653 | 2654 |
| 1464 | 293 | 697 | 2655 | 2656 |
| 1465 | 332 | 643 | 2657 | 2658 |
| 1466 | 330 | 700 | 2659 | 2660 |
| 1467 | 369 | 646 | 2661 | 2662 |
| 1468 | 367 | 703 | 2663 | 2664 |
| 1469 | 406 | 649 | 2665 | 2666 |
| 1470 | 404 | 706 | 2667 | 2668 |
| 1471 | 443 | 652 | 2669 | 2670 |
| 1472 | 441 | 709 | 2671 | 2672 |
| 1473 | 480 | 655 | 2673 | 2674 |
| 1474 | 478 | 712 | 2675 | 2676 |
| 1475 | 517 | 658 | 2677 | 2678 |
| 1476 | 515 | 715 | 2679 | 2680 |
| 1477 | 554 | 661 | 2681 | 2682 |
| 1478 | 552 | 718 | 2683 | 2684 |
| 1479 | 2583 | 2609 | 2685 | 2686 |
| 1480 | 2584 | 2610 | 2687 | 2688 |
| 1481 | 2585 | 2567 | 2689 | 2690 |
| 1482 | 2570 | 2573 | 2691 | 2692 |
| 1483 | 2586 | 2576 | 2693 | 2694 |
| 1484 | 2587 | 2611 | 2695 | 2696 |
| 1485 | 2588 | 71 | 2697 | 2698 |
| 1486 | 2589 | 73 | 2699 | 2700 |
| 1487 | 2590 | 106 | 2701 | 2702 |
| 1488 | 2591 | 143 | 2703 | 2704 |
| 1489 | 2592 | 180 | 2705 | 2706 |
| 1490 | 2593 | 217 | 2707 | 2708 |
| 1491 | 2594 | 254 | 2709 | 2710 |
| 1492 | 2595 | 583 | 2711 | 2712 |
| 1493 | 2596 | 291 | 2713 | 2714 |
| 1494 | 2597 | 328 | 2715 | 2716 |
| 1495 | 2598 | 365 | 2717 | 2718 |
| 1496 | 2599 | 402 | 2719 | 2720 |
| 1497 | 2600 | 439 | 2721 | 2722 |
| 1498 | 2601 | 476 | 2723 | 2724 |
| 1499 | 2602 | 513 | 2725 | 2726 |
| 1500 | 2603 | 550 | 2727 | 2728 |
| 1501 | 2604 | 2612 | 2729 | 2730 |
| 1502 | 2605 | 610 | 2731 | 2732 |
| 1503 | 2606 | 667 | 2733 | 2734 |
| 1504 | 2607 | 637 | 2735 | 2736 |
| 1505 | 2608 | 694 | 2737 | 2738 |
| 1506 | 2609 | 664 | 2739 | 2740 |
| 1507 | 2610 | 2579 | 2741 | 2742 |

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

| ELEMENT NUMBER | ELEMENT NODE NUMBERS | END CONDITIONS (C=CONSTRAINED, F=FREE, R=RESTRAINED) |
|----------------|----------------------|---|
| | BMI21 | |
| | ELEMENTS | |
| 1 | 1 2 3 | |
| 2 | 4 5 6 | |
| 3 | 2 7 8 | |
| 4 | 5 9 10 | |
| 5 | 7 11 12 | |
| 6 | 11 9 13 | |
| 7 | 9 14 15 | |
| 8 | 16 7 17 | |
| 9 | 11 18 19 | |
| 10 | 18 21 28 | |
| 11 | 21 22 29 | |
| 12 | 22 23 30 | |

| | | | |
|-----|-----|-----|-----|
| 13 | 23 | 24 | 31 |
| 14 | 24 | 25 | 32 |
| 15 | 25 | 26 | 33 |
| 16 | 26 | 27 | 34 |
| 17 | 27 | 20 | 35 |
| 18 | 36 | 37 | 38 |
| 19 | 39 | 40 | 41 |
| 20 | 37 | 42 | 43 |
| 21 | 42 | 40 | 44 |
| 22 | 40 | 45 | 46 |
| 23 | 47 | 37 | 48 |
| 24 | 42 | 49 | 50 |
| 25 | 49 | 52 | 59 |
| 26 | 52 | 53 | 60 |
| 27 | 53 | 54 | 61 |
| 28 | 54 | 55 | 62 |
| 29 | 55 | 56 | 63 |
| 30 | 56 | 57 | 64 |
| 31 | 57 | 58 | 65 |
| 32 | 58 | 51 | 66 |
| 33 | 67 | 36 | 68 |
| 34 | 69 | 39 | 70 |
| 35 | 20 | 71 | 72 |
| 36 | 51 | 73 | 74 |
| 37 | 75 | 76 | 77 |
| 38 | 78 | 79 | 80 |
| 39 | 76 | 81 | 82 |
| 40 | 81 | 79 | 83 |
| 41 | 79 | 84 | 85 |
| 42 | 86 | 76 | 87 |
| 43 | 81 | 88 | 89 |
| 44 | 88 | 91 | 98 |
| 45 | 91 | 92 | 99 |
| 46 | 92 | 93 | 100 |
| 47 | 93 | 94 | 101 |
| 48 | 94 | 95 | 102 |
| 49 | 95 | 96 | 103 |
| 50 | 96 | 97 | 104 |
| 51 | 97 | 90 | 105 |
| 52 | 90 | 106 | 107 |
| 53 | 108 | 78 | 109 |
| 54 | 110 | 75 | 111 |
| 55 | 112 | 113 | 114 |
| 56 | 115 | 116 | 117 |
| 57 | 113 | 118 | 119 |
| 58 | 118 | 116 | 120 |
| 59 | 116 | 121 | 122 |
| 60 | 123 | 113 | 124 |
| 61 | 118 | 125 | 126 |
| 62 | 125 | 128 | 135 |
| 63 | 128 | 129 | 136 |
| 64 | 129 | 130 | 137 |
| 65 | 130 | 131 | 138 |
| 66 | 131 | 132 | 139 |
| 67 | 132 | 133 | 140 |
| 68 | 133 | 134 | 141 |
| 69 | 134 | 127 | 142 |
| 70 | 127 | 143 | 144 |
| 71 | 145 | 115 | 146 |
| 72 | 147 | 112 | 148 |
| 73 | 149 | 150 | 151 |
| 74 | 152 | 153 | 154 |
| 75 | 150 | 155 | 156 |
| 76 | 155 | 153 | 157 |
| 77 | 153 | 158 | 159 |
| 78 | 160 | 150 | 161 |
| 79 | 155 | 162 | 163 |
| 80 | 162 | 165 | 172 |
| 81 | 165 | 166 | 173 |
| 82 | 166 | 167 | 174 |
| 83 | 167 | 168 | 175 |
| 84 | 168 | 169 | 176 |
| 85 | 169 | 170 | 177 |
| 86 | 170 | 171 | 178 |
| 87 | 171 | 164 | 179 |
| 88 | 164 | 180 | 181 |
| 89 | 182 | 152 | 183 |
| 90 | 184 | 149 | 185 |
| 91 | 186 | 187 | 188 |
| 92 | 189 | 190 | 191 |
| 93 | 187 | 192 | 193 |
| 94 | 192 | 190 | 194 |
| 95 | 190 | 195 | 196 |
| 96 | 197 | 187 | 198 |
| 97 | 192 | 199 | 200 |
| 98 | 199 | 202 | 209 |
| 99 | 202 | 203 | 210 |
| 100 | 203 | 204 | 211 |
| 101 | 204 | 205 | 212 |
| 102 | 205 | 206 | 213 |
| 103 | 206 | 207 | 214 |
| 104 | 207 | 208 | 215 |
| 105 | 208 | 201 | 216 |
| 106 | 201 | 217 | 218 |
| 107 | 219 | 189 | 220 |
| 108 | 221 | 186 | 222 |
| 109 | 223 | 224 | 225 |
| 110 | 226 | 227 | 228 |
| 111 | 224 | 229 | 230 |
| 112 | 229 | 227 | 231 |
| 113 | 227 | 232 | 233 |
| 114 | 234 | 224 | 235 |
| 115 | 229 | 236 | 237 |
| 116 | 236 | 239 | 246 |
| 117 | 239 | 240 | 247 |

| | | | |
|-----|-----|-----|-----|
| 118 | 240 | 241 | 248 |
| 119 | 241 | 242 | 249 |
| 120 | 242 | 243 | 250 |
| 121 | 243 | 244 | 251 |
| 122 | 244 | 245 | 252 |
| 123 | 245 | 238 | 253 |
| 124 | 238 | 254 | 255 |
| 125 | 256 | 226 | 257 |
| 126 | 258 | 223 | 259 |
| 127 | 260 | 261 | 262 |
| 128 | 263 | 264 | 265 |
| 129 | 261 | 266 | 267 |
| 130 | 266 | 264 | 268 |
| 131 | 264 | 269 | 270 |
| 132 | 271 | 261 | 272 |
| 133 | 266 | 273 | 274 |
| 134 | 273 | 276 | 283 |
| 135 | 276 | 277 | 284 |
| 136 | 277 | 278 | 285 |
| 137 | 278 | 279 | 286 |
| 138 | 279 | 280 | 287 |
| 139 | 280 | 281 | 288 |
| 140 | 281 | 282 | 289 |
| 141 | 282 | 275 | 290 |
| 142 | 275 | 291 | 292 |
| 143 | 293 | 263 | 294 |
| 144 | 295 | 260 | 296 |
| 145 | 297 | 298 | 299 |
| 146 | 300 | 301 | 302 |
| 147 | 298 | 303 | 304 |
| 148 | 303 | 301 | 305 |
| 149 | 301 | 306 | 307 |
| 150 | 308 | 298 | 309 |
| 151 | 303 | 310 | 311 |
| 152 | 310 | 313 | 320 |
| 153 | 313 | 314 | 321 |
| 154 | 314 | 315 | 322 |
| 155 | 315 | 316 | 323 |
| 156 | 316 | 317 | 324 |
| 157 | 317 | 318 | 325 |
| 158 | 318 | 319 | 326 |
| 159 | 319 | 312 | 327 |
| 160 | 312 | 328 | 329 |
| 161 | 330 | 300 | 331 |
| 162 | 332 | 297 | 333 |
| 163 | 334 | 335 | 336 |
| 164 | 337 | 338 | 339 |
| 165 | 335 | 340 | 341 |
| 166 | 340 | 338 | 342 |
| 167 | 338 | 343 | 344 |
| 168 | 345 | 335 | 346 |
| 169 | 340 | 347 | 348 |
| 170 | 347 | 350 | 357 |
| 171 | 350 | 351 | 358 |
| 172 | 351 | 352 | 359 |
| 173 | 352 | 353 | 360 |
| 174 | 353 | 354 | 361 |
| 175 | 354 | 355 | 362 |
| 176 | 355 | 356 | 363 |
| 177 | 356 | 349 | 364 |
| 178 | 349 | 365 | 366 |
| 179 | 367 | 337 | 368 |
| 180 | 369 | 334 | 370 |
| 181 | 371 | 372 | 373 |
| 182 | 374 | 375 | 376 |
| 183 | 372 | 377 | 378 |
| 184 | 377 | 375 | 379 |
| 185 | 375 | 380 | 381 |
| 186 | 382 | 372 | 383 |
| 187 | 377 | 384 | 385 |
| 188 | 384 | 387 | 394 |
| 189 | 387 | 388 | 395 |
| 190 | 388 | 389 | 396 |
| 191 | 389 | 390 | 397 |
| 192 | 390 | 391 | 398 |
| 193 | 391 | 392 | 399 |
| 194 | 392 | 393 | 400 |
| 195 | 393 | 386 | 401 |
| 196 | 386 | 402 | 403 |
| 197 | 404 | 374 | 405 |
| 198 | 406 | 371 | 407 |
| 199 | 408 | 409 | 410 |
| 200 | 411 | 412 | 413 |
| 201 | 409 | 414 | 415 |
| 202 | 414 | 412 | 416 |
| 203 | 412 | 417 | 418 |
| 204 | 419 | 409 | 420 |
| 205 | 414 | 421 | 422 |
| 206 | 421 | 424 | 431 |
| 207 | 424 | 425 | 432 |
| 208 | 425 | 426 | 433 |
| 209 | 426 | 427 | 434 |
| 210 | 427 | 428 | 435 |
| 211 | 428 | 429 | 436 |
| 212 | 429 | 430 | 437 |
| 213 | 430 | 423 | 438 |
| 214 | 423 | 439 | 440 |
| 215 | 441 | 411 | 442 |
| 216 | 443 | 408 | 444 |
| 217 | 445 | 446 | 447 |
| 218 | 448 | 449 | 450 |
| 219 | 446 | 451 | 452 |
| 220 | 451 | 449 | 453 |
| 221 | 449 | 454 | 455 |
| 222 | 456 | 446 | 457 |

| | | | |
|-----|-----|-----|-----|
| 223 | 451 | 458 | 459 |
| 224 | 458 | 461 | 468 |
| 225 | 461 | 462 | 469 |
| 226 | 462 | 463 | 470 |
| 227 | 463 | 464 | 471 |
| 228 | 464 | 465 | 472 |
| 229 | 465 | 466 | 473 |
| 230 | 466 | 467 | 474 |
| 231 | 467 | 460 | 475 |
| 232 | 460 | 476 | 477 |
| 233 | 478 | 448 | 479 |
| 234 | 480 | 445 | 481 |
| 235 | 482 | 483 | 484 |
| 236 | 485 | 486 | 487 |
| 237 | 483 | 488 | 489 |
| 238 | 488 | 486 | 490 |
| 239 | 486 | 491 | 492 |
| 240 | 493 | 483 | 494 |
| 241 | 488 | 495 | 496 |
| 242 | 495 | 498 | 505 |
| 243 | 498 | 499 | 506 |
| 244 | 499 | 500 | 507 |
| 245 | 500 | 501 | 508 |
| 246 | 501 | 502 | 509 |
| 247 | 502 | 503 | 510 |
| 248 | 503 | 504 | 511 |
| 249 | 504 | 497 | 512 |
| 250 | 497 | 513 | 514 |
| 251 | 515 | 485 | 516 |
| 252 | 517 | 482 | 518 |
| 253 | 519 | 520 | 521 |
| 254 | 522 | 523 | 524 |
| 255 | 520 | 525 | 526 |
| 256 | 525 | 523 | 527 |
| 257 | 523 | 528 | 529 |
| 258 | 530 | 520 | 531 |
| 259 | 525 | 532 | 533 |
| 260 | 532 | 535 | 542 |
| 261 | 535 | 536 | 543 |
| 262 | 536 | 537 | 544 |
| 263 | 537 | 538 | 545 |
| 264 | 538 | 539 | 546 |
| 265 | 539 | 540 | 547 |
| 266 | 540 | 541 | 548 |
| 267 | 541 | 534 | 549 |
| 268 | 534 | 550 | 551 |
| 269 | 552 | 522 | 553 |
| 270 | 554 | 519 | 555 |
| 271 | 556 | 557 | 558 |
| 272 | 557 | 559 | 560 |
| 273 | 559 | 561 | 562 |
| 274 | 563 | 556 | 564 |
| 275 | 557 | 565 | 566 |
| 276 | 565 | 568 | 575 |
| 277 | 568 | 569 | 576 |
| 278 | 569 | 570 | 577 |
| 279 | 570 | 571 | 578 |
| 280 | 571 | 572 | 579 |
| 281 | 572 | 573 | 580 |
| 282 | 573 | 574 | 581 |
| 283 | 574 | 567 | 582 |
| 284 | 567 | 583 | 584 |
| 285 | 585 | 559 | 586 |
| 286 | 559 | 587 | 588 |
| 287 | 589 | 556 | 590 |
| 288 | 556 | 591 | 592 |
| 289 | 593 | 594 | 595 |
| 290 | 594 | 591 | 596 |
| 291 | 597 | 598 | 599 |
| 292 | 598 | 589 | 600 |
| 293 | 601 | 602 | 603 |
| 294 | 602 | 587 | 604 |
| 295 | 605 | 606 | 607 |
| 296 | 606 | 585 | 608 |
| 297 | 609 | 610 | 611 |
| 298 | 612 | 613 | 614 |
| 299 | 615 | 616 | 617 |
| 300 | 618 | 619 | 620 |
| 301 | 621 | 622 | 623 |
| 302 | 624 | 625 | 626 |
| 303 | 627 | 628 | 629 |
| 304 | 630 | 631 | 632 |
| 305 | 633 | 634 | 635 |
| 306 | 636 | 637 | 638 |
| 307 | 639 | 640 | 641 |
| 308 | 642 | 643 | 644 |
| 309 | 645 | 646 | 647 |
| 310 | 648 | 649 | 650 |
| 311 | 651 | 652 | 653 |
| 312 | 654 | 655 | 656 |
| 313 | 657 | 658 | 659 |
| 314 | 660 | 661 | 662 |
| 315 | 663 | 664 | 665 |
| 316 | 666 | 667 | 668 |
| 317 | 669 | 670 | 671 |
| 318 | 672 | 673 | 674 |
| 319 | 675 | 676 | 677 |
| 320 | 678 | 679 | 680 |
| 321 | 681 | 682 | 683 |
| 322 | 684 | 685 | 686 |
| 323 | 687 | 688 | 689 |
| 324 | 690 | 691 | 692 |
| 325 | 693 | 694 | 695 |
| 326 | 696 | 697 | 698 |
| 327 | 699 | 700 | 701 |

| | | | |
|-----|------|------|------|
| 328 | 702 | 703 | 704 |
| 329 | 705 | 706 | 707 |
| 330 | 708 | 709 | 710 |
| 331 | 711 | 712 | 713 |
| 332 | 714 | 715 | 716 |
| 333 | 717 | 718 | 719 |
| 334 | 666 | 609 | 720 |
| 335 | 711 | 654 | 721 |
| 336 | 714 | 657 | 722 |
| 337 | 717 | 660 | 723 |
| 338 | 724 | 663 | 725 |
| 339 | 726 | 727 | 728 |
| 340 | 729 | 730 | 731 |
| 341 | 732 | 733 | 734 |
| 342 | 735 | 736 | 737 |
| 343 | 738 | 739 | 740 |
| 344 | 741 | 742 | 743 |
| 345 | 744 | 745 | 746 |
| 346 | 747 | 748 | 749 |
| 347 | 750 | 751 | 752 |
| 348 | 753 | 754 | 755 |
| 349 | 756 | 757 | 758 |
| 350 | 759 | 760 | 761 |
| 351 | 762 | 763 | 764 |
| 352 | 765 | 766 | 767 |
| 353 | 768 | 769 | 770 |
| 354 | 771 | 772 | 773 |
| 355 | 774 | 775 | 776 |
| 356 | 777 | 778 | 779 |
| 357 | 780 | 781 | 782 |
| 358 | 783 | 784 | 785 |
| 359 | 786 | 787 | 788 |
| 360 | 789 | 790 | 791 |
| 361 | 792 | 793 | 794 |
| 362 | 795 | 796 | 797 |
| 363 | 798 | 799 | 800 |
| 364 | 801 | 802 | 803 |
| 365 | 804 | 805 | 806 |
| 366 | 807 | 808 | 809 |
| 367 | 810 | 811 | 812 |
| 368 | 813 | 814 | 815 |
| 369 | 816 | 817 | 818 |
| 370 | 819 | 820 | 821 |
| 371 | 822 | 823 | 824 |
| 372 | 825 | 826 | 827 |
| 373 | 828 | 829 | 830 |
| 374 | 831 | 832 | 833 |
| 375 | 834 | 835 | 836 |
| 376 | 837 | 838 | 839 |
| 377 | 840 | 841 | 842 |
| 378 | 843 | 844 | 845 |
| 379 | 846 | 847 | 848 |
| 380 | 849 | 850 | 851 |
| 381 | 852 | 853 | 854 |
| 382 | 855 | 856 | 857 |
| 383 | 858 | 859 | 860 |
| 384 | 861 | 862 | 863 |
| 385 | 864 | 865 | 866 |
| 386 | 867 | 868 | 869 |
| 387 | 870 | 871 | 872 |
| 388 | 873 | 874 | 875 |
| 389 | 876 | 877 | 878 |
| 390 | 879 | 880 | 881 |
| 391 | 882 | 883 | 884 |
| 392 | 885 | 886 | 887 |
| 393 | 888 | 889 | 890 |
| 394 | 891 | 892 | 893 |
| 395 | 894 | 895 | 896 |
| 396 | 897 | 898 | 899 |
| 397 | 900 | 901 | 902 |
| 398 | 903 | 904 | 905 |
| 399 | 906 | 907 | 908 |
| 400 | 909 | 910 | 911 |
| 401 | 912 | 913 | 914 |
| 402 | 915 | 916 | 917 |
| 403 | 918 | 919 | 920 |
| 404 | 921 | 922 | 923 |
| 405 | 924 | 925 | 926 |
| 406 | 927 | 928 | 929 |
| 407 | 930 | 931 | 932 |
| 408 | 933 | 934 | 935 |
| 409 | 936 | 937 | 938 |
| 410 | 939 | 940 | 941 |
| 411 | 942 | 943 | 944 |
| 412 | 945 | 946 | 947 |
| 413 | 948 | 949 | 950 |
| 414 | 951 | 952 | 953 |
| 415 | 954 | 955 | 956 |
| 416 | 957 | 958 | 959 |
| 417 | 960 | 961 | 962 |
| 418 | 963 | 964 | 965 |
| 419 | 966 | 967 | 968 |
| 420 | 969 | 970 | 971 |
| 421 | 972 | 973 | 974 |
| 422 | 975 | 976 | 977 |
| 423 | 978 | 979 | 980 |
| 424 | 981 | 982 | 983 |
| 425 | 984 | 985 | 986 |
| 426 | 987 | 988 | 989 |
| 427 | 990 | 991 | 992 |
| 428 | 993 | 994 | 995 |
| 429 | 996 | 997 | 998 |
| 430 | 999 | 1000 | 1001 |
| 431 | 1002 | 1003 | 1004 |
| 432 | 1005 | 1006 | 1007 |

| | | | |
|-----|------|------|------|
| 433 | 1008 | 1009 | 1010 |
| 434 | 1011 | 1012 | 1013 |
| 435 | 1014 | 1015 | 1016 |
| 436 | 1017 | 1018 | 1019 |
| 437 | 1020 | 1021 | 1022 |
| 438 | 1023 | 1024 | 1025 |
| 439 | 1026 | 1027 | 1028 |
| 440 | 1029 | 1030 | 1031 |
| 441 | 1032 | 1033 | 1034 |
| 442 | 1035 | 1036 | 1037 |
| 443 | 1038 | 1039 | 1040 |
| 444 | 1041 | 1042 | 1043 |
| 445 | 1044 | 1045 | 1046 |
| 446 | 1047 | 1048 | 1049 |
| 447 | 1050 | 1051 | 1052 |
| 448 | 1053 | 1054 | 1055 |
| 449 | 1056 | 1057 | 1058 |
| 450 | 1059 | 1060 | 1061 |
| 451 | 1062 | 1063 | 1064 |
| 452 | 1065 | 1066 | 1067 |
| 453 | 1068 | 1069 | 1070 |
| 454 | 1071 | 1072 | 1073 |
| 455 | 1074 | 1075 | 1076 |
| 456 | 1077 | 1078 | 1079 |
| 457 | 1080 | 1081 | 1082 |
| 458 | 1083 | 1084 | 1085 |
| 459 | 1086 | 1087 | 1088 |
| 460 | 1089 | 1090 | 1091 |
| 461 | 1092 | 1093 | 1094 |
| 462 | 1095 | 1096 | 1097 |
| 463 | 1098 | 1099 | 1100 |
| 464 | 1101 | 1102 | 1103 |
| 465 | 1104 | 1105 | 1106 |
| 466 | 1107 | 1108 | 1109 |
| 467 | 1110 | 1111 | 1112 |
| 468 | 1113 | 1114 | 1115 |
| 469 | 1116 | 1117 | 1118 |
| 470 | 1119 | 1120 | 1121 |
| 471 | 1122 | 1123 | 1124 |
| 472 | 1125 | 1126 | 1127 |
| 473 | 1128 | 1129 | 1130 |
| 474 | 1131 | 1132 | 1133 |
| 475 | 1134 | 1135 | 1136 |
| 476 | 1137 | 1138 | 1139 |
| 477 | 1140 | 1141 | 1142 |
| 478 | 1143 | 1144 | 1145 |
| 479 | 1146 | 1147 | 1148 |
| 480 | 669 | 612 | 1149 |
| 481 | 672 | 615 | 1150 |
| 482 | 675 | 618 | 1151 |
| 483 | 678 | 621 | 1152 |
| 484 | 681 | 624 | 1153 |
| 485 | 684 | 627 | 1154 |
| 486 | 687 | 630 | 1155 |
| 487 | 690 | 633 | 1156 |
| 488 | 693 | 636 | 1157 |
| 489 | 696 | 639 | 1158 |
| 490 | 699 | 642 | 1159 |
| 491 | 702 | 645 | 1160 |
| 492 | 705 | 648 | 1161 |
| 493 | 708 | 651 | 1162 |
| 494 | 666 | 609 | 1163 |
| 495 | 711 | 654 | 1164 |
| 496 | 714 | 657 | 1165 |
| 497 | 717 | 660 | 1166 |
| 498 | 726 | 727 | 1167 |
| 499 | 729 | 730 | 1168 |
| 500 | 732 | 733 | 1169 |
| 501 | 735 | 736 | 1170 |
| 502 | 738 | 739 | 1171 |
| 503 | 741 | 742 | 1172 |
| 504 | 744 | 745 | 1173 |
| 505 | 747 | 748 | 1174 |
| 506 | 750 | 751 | 1175 |
| 507 | 753 | 754 | 1176 |
| 508 | 756 | 757 | 1177 |
| 509 | 759 | 760 | 1178 |
| 510 | 762 | 763 | 1179 |
| 511 | 765 | 766 | 1180 |
| 512 | 768 | 769 | 1181 |
| 513 | 771 | 772 | 1182 |
| 514 | 774 | 775 | 1183 |
| 515 | 777 | 778 | 1184 |
| 516 | 780 | 781 | 1185 |
| 517 | 783 | 784 | 1186 |
| 518 | 786 | 787 | 1187 |
| 519 | 789 | 790 | 1188 |
| 520 | 792 | 793 | 1189 |
| 521 | 795 | 796 | 1190 |
| 522 | 798 | 799 | 1191 |
| 523 | 801 | 802 | 1192 |
| 524 | 804 | 805 | 1193 |
| 525 | 807 | 808 | 1194 |
| 526 | 810 | 811 | 1195 |
| 527 | 813 | 814 | 1196 |
| 528 | 816 | 817 | 1197 |
| 529 | 819 | 820 | 1198 |
| 530 | 822 | 823 | 1199 |
| 531 | 825 | 826 | 1200 |
| 532 | 828 | 829 | 1201 |
| 533 | 831 | 832 | 1202 |
| 534 | 834 | 835 | 1203 |
| 535 | 837 | 838 | 1204 |
| 536 | 840 | 841 | 1205 |
| 537 | 843 | 844 | 1206 |

| | | | |
|-----|------|------|------|
| 538 | 846 | 847 | 1207 |
| 539 | 849 | 850 | 1208 |
| 540 | 852 | 853 | 1209 |
| 541 | 855 | 856 | 1210 |
| 542 | 858 | 859 | 1211 |
| 543 | 861 | 862 | 1212 |
| 544 | 864 | 865 | 1213 |
| 545 | 867 | 868 | 1214 |
| 546 | 870 | 871 | 1215 |
| 547 | 873 | 874 | 1216 |
| 548 | 876 | 877 | 1217 |
| 549 | 879 | 880 | 1218 |
| 550 | 882 | 883 | 1219 |
| 551 | 885 | 886 | 1220 |
| 552 | 888 | 889 | 1221 |
| 553 | 891 | 892 | 1222 |
| 554 | 894 | 895 | 1223 |
| 555 | 897 | 898 | 1224 |
| 556 | 900 | 901 | 1225 |
| 557 | 903 | 904 | 1226 |
| 558 | 906 | 907 | 1227 |
| 559 | 909 | 910 | 1228 |
| 560 | 912 | 913 | 1229 |
| 561 | 915 | 916 | 1230 |
| 562 | 918 | 919 | 1231 |
| 563 | 921 | 922 | 1232 |
| 564 | 924 | 925 | 1233 |
| 565 | 927 | 928 | 1234 |
| 566 | 930 | 931 | 1235 |
| 567 | 933 | 934 | 1236 |
| 568 | 936 | 937 | 1237 |
| 569 | 939 | 940 | 1238 |
| 570 | 942 | 943 | 1239 |
| 571 | 945 | 946 | 1240 |
| 572 | 948 | 949 | 1241 |
| 573 | 951 | 952 | 1242 |
| 574 | 954 | 955 | 1243 |
| 575 | 957 | 958 | 1244 |
| 576 | 960 | 961 | 1245 |
| 577 | 963 | 964 | 1246 |
| 578 | 966 | 967 | 1247 |
| 579 | 969 | 970 | 1248 |
| 580 | 972 | 973 | 1249 |
| 581 | 975 | 976 | 1250 |
| 582 | 978 | 979 | 1251 |
| 583 | 981 | 982 | 1252 |
| 584 | 984 | 985 | 1253 |
| 585 | 987 | 988 | 1254 |
| 586 | 990 | 991 | 1255 |
| 587 | 993 | 994 | 1256 |
| 588 | 996 | 997 | 1257 |
| 589 | 999 | 1000 | 1258 |
| 590 | 1002 | 1003 | 1259 |
| 591 | 1005 | 1006 | 1260 |
| 592 | 1008 | 1009 | 1261 |
| 593 | 1011 | 1012 | 1262 |
| 594 | 1014 | 1015 | 1263 |
| 595 | 1017 | 1018 | 1264 |
| 596 | 1020 | 1021 | 1265 |
| 597 | 1023 | 1024 | 1266 |
| 598 | 1026 | 1027 | 1267 |
| 599 | 1029 | 1030 | 1268 |
| 600 | 1032 | 1033 | 1269 |
| 601 | 1035 | 1036 | 1270 |
| 602 | 1038 | 1039 | 1271 |
| 603 | 1041 | 1042 | 1272 |
| 604 | 1044 | 1045 | 1273 |
| 605 | 1047 | 1048 | 1274 |
| 606 | 1050 | 1051 | 1275 |
| 607 | 1053 | 1054 | 1276 |
| 608 | 1056 | 1057 | 1277 |
| 609 | 1059 | 1060 | 1278 |
| 610 | 1062 | 1063 | 1279 |
| 611 | 1065 | 1066 | 1280 |
| 612 | 1068 | 1069 | 1281 |
| 613 | 1071 | 1072 | 1282 |
| 614 | 1074 | 1075 | 1283 |
| 615 | 1077 | 1078 | 1284 |
| 616 | 1080 | 1081 | 1285 |
| 617 | 1083 | 1084 | 1286 |
| 618 | 1086 | 1087 | 1287 |
| 619 | 1089 | 1090 | 1288 |
| 620 | 1092 | 1093 | 1289 |
| 621 | 1095 | 1096 | 1290 |
| 622 | 1098 | 1099 | 1291 |
| 623 | 1101 | 1102 | 1292 |
| 624 | 1104 | 1105 | 1293 |
| 625 | 1107 | 1108 | 1294 |
| 626 | 1110 | 1111 | 1295 |
| 627 | 1113 | 1114 | 1296 |
| 628 | 1116 | 1117 | 1297 |
| 629 | 1119 | 1120 | 1298 |
| 630 | 1122 | 1123 | 1299 |
| 631 | 1125 | 1126 | 1300 |
| 632 | 1128 | 1129 | 1301 |
| 633 | 1131 | 1132 | 1302 |
| 634 | 1134 | 1135 | 1303 |
| 635 | 1137 | 1138 | 1304 |
| 636 | 1140 | 1141 | 1305 |
| 637 | 1143 | 1144 | 1306 |
| 638 | 1146 | 1147 | 1307 |
| 639 | 669 | 612 | 1308 |
| 640 | 672 | 615 | 1309 |
| 641 | 675 | 618 | 1310 |
| 642 | 678 | 621 | 1311 |

| | | | |
|-----|------|------|------|
| 643 | 681 | 624 | 1312 |
| 644 | 684 | 627 | 1313 |
| 645 | 687 | 630 | 1314 |
| 646 | 690 | 633 | 1315 |
| 647 | 693 | 636 | 1316 |
| 648 | 696 | 639 | 1317 |
| 649 | 699 | 642 | 1318 |
| 650 | 702 | 645 | 1319 |
| 651 | 705 | 648 | 1320 |
| 652 | 708 | 651 | 1321 |
| 653 | 609 | 1322 | 1323 |
| 654 | 654 | 1324 | 1325 |
| 655 | 657 | 1326 | 1327 |
| 656 | 727 | 1328 | 1329 |
| 657 | 730 | 1330 | 1331 |
| 658 | 733 | 1332 | 1333 |
| 659 | 736 | 1334 | 1335 |
| 660 | 739 | 1336 | 1337 |
| 661 | 742 | 1338 | 1339 |
| 662 | 745 | 1340 | 1341 |
| 663 | 748 | 1342 | 1343 |
| 664 | 751 | 1344 | 1345 |
| 665 | 754 | 1346 | 1347 |
| 666 | 757 | 1348 | 1349 |
| 667 | 760 | 1350 | 1351 |
| 668 | 763 | 1352 | 1353 |
| 669 | 766 | 1354 | 1355 |
| 670 | 769 | 1356 | 1357 |
| 671 | 772 | 1358 | 1359 |
| 672 | 775 | 1360 | 1361 |
| 673 | 778 | 1362 | 1363 |
| 674 | 799 | 1364 | 1365 |
| 675 | 802 | 1366 | 1367 |
| 676 | 805 | 1368 | 1369 |
| 677 | 808 | 1370 | 1371 |
| 678 | 811 | 1372 | 1373 |
| 679 | 814 | 1374 | 1375 |
| 680 | 817 | 1376 | 1377 |
| 681 | 820 | 1378 | 1379 |
| 682 | 823 | 1380 | 1381 |
| 683 | 826 | 1382 | 1383 |
| 684 | 829 | 1384 | 1385 |
| 685 | 832 | 1386 | 1387 |
| 686 | 835 | 1388 | 1389 |
| 687 | 838 | 1390 | 1391 |
| 688 | 841 | 1392 | 1393 |
| 689 | 844 | 1394 | 1395 |
| 690 | 847 | 1396 | 1397 |
| 691 | 850 | 1398 | 1399 |
| 692 | 853 | 1400 | 1401 |
| 693 | 856 | 1402 | 1403 |
| 694 | 859 | 1404 | 1405 |
| 695 | 862 | 1406 | 1407 |
| 696 | 865 | 1408 | 1409 |
| 697 | 868 | 1410 | 1411 |
| 698 | 871 | 1412 | 1413 |
| 699 | 874 | 1414 | 1415 |
| 700 | 877 | 1416 | 1417 |
| 701 | 880 | 1418 | 1419 |
| 702 | 883 | 1420 | 1421 |
| 703 | 886 | 1422 | 1423 |
| 704 | 889 | 1424 | 1425 |
| 705 | 892 | 1426 | 1427 |
| 706 | 895 | 1428 | 1429 |
| 707 | 898 | 1430 | 1431 |
| 708 | 901 | 1432 | 1433 |
| 709 | 904 | 1434 | 1435 |
| 710 | 907 | 1436 | 1437 |
| 711 | 910 | 1438 | 1439 |
| 712 | 913 | 1440 | 1441 |
| 713 | 916 | 1442 | 1443 |
| 714 | 919 | 1444 | 1445 |
| 715 | 922 | 1446 | 1447 |
| 716 | 925 | 1448 | 1449 |
| 717 | 928 | 1450 | 1451 |
| 718 | 931 | 1452 | 1453 |
| 719 | 934 | 1454 | 1455 |
| 720 | 937 | 1456 | 1457 |
| 721 | 940 | 1458 | 1459 |
| 722 | 943 | 1460 | 1461 |
| 723 | 946 | 1462 | 1463 |
| 724 | 949 | 1464 | 1465 |
| 725 | 952 | 1466 | 1467 |
| 726 | 955 | 1468 | 1469 |
| 727 | 958 | 1470 | 1471 |
| 728 | 961 | 1472 | 1473 |
| 729 | 964 | 1474 | 1475 |
| 730 | 967 | 1476 | 1477 |
| 731 | 970 | 1478 | 1479 |
| 732 | 973 | 1480 | 1481 |
| 733 | 976 | 1482 | 1483 |
| 734 | 979 | 1484 | 1485 |
| 735 | 982 | 1486 | 1487 |
| 736 | 985 | 1488 | 1489 |
| 737 | 988 | 1490 | 1491 |
| 738 | 991 | 1492 | 1493 |
| 739 | 994 | 1494 | 1495 |
| 740 | 997 | 1496 | 1497 |
| 741 | 1000 | 1498 | 1499 |
| 742 | 1003 | 1500 | 1501 |
| 743 | 1006 | 1502 | 1503 |
| 744 | 1009 | 1504 | 1505 |
| 745 | 1012 | 1506 | 1507 |
| 746 | 1015 | 1508 | 1509 |
| 747 | 1018 | 1510 | 1511 |

| | | | |
|-----|------|------|------|
| 748 | 1021 | 1512 | 1513 |
| 749 | 1024 | 1514 | 1515 |
| 750 | 1027 | 1516 | 1517 |
| 751 | 1030 | 1518 | 1519 |
| 752 | 1033 | 1520 | 1521 |
| 753 | 1036 | 1522 | 1523 |
| 754 | 1039 | 1524 | 1525 |
| 755 | 1042 | 1526 | 1527 |
| 756 | 1045 | 1528 | 1529 |
| 757 | 1048 | 1530 | 1531 |
| 758 | 1051 | 1532 | 1533 |
| 759 | 1054 | 1534 | 1535 |
| 760 | 1057 | 1536 | 1537 |
| 761 | 1060 | 1538 | 1539 |
| 762 | 1063 | 1540 | 1541 |
| 763 | 1066 | 1542 | 1543 |
| 764 | 1069 | 1544 | 1545 |
| 765 | 1072 | 1546 | 1547 |
| 766 | 1075 | 1548 | 1549 |
| 767 | 1078 | 1550 | 1551 |
| 768 | 1081 | 1552 | 1553 |
| 769 | 1084 | 1554 | 1555 |
| 770 | 1087 | 1556 | 1557 |
| 771 | 1090 | 1558 | 1559 |
| 772 | 1093 | 1560 | 1561 |
| 773 | 1096 | 1562 | 1563 |
| 774 | 1099 | 1564 | 1565 |
| 775 | 1102 | 1566 | 1567 |
| 776 | 1105 | 1568 | 1569 |
| 777 | 1108 | 1570 | 1571 |
| 778 | 1111 | 1572 | 1573 |
| 779 | 1114 | 1574 | 1575 |
| 780 | 1117 | 1576 | 1577 |
| 781 | 1120 | 1578 | 1579 |
| 782 | 1123 | 1580 | 1581 |
| 783 | 1126 | 1582 | 1583 |
| 784 | 1129 | 1584 | 1585 |
| 785 | 1132 | 1586 | 1587 |
| 786 | 1135 | 1588 | 1589 |
| 787 | 1138 | 1590 | 1591 |
| 788 | 1141 | 1592 | 1593 |
| 789 | 1144 | 1594 | 1595 |
| 790 | 1147 | 1596 | 1597 |
| 791 | 612 | 1598 | 1599 |
| 792 | 615 | 1600 | 1601 |
| 793 | 618 | 1602 | 1603 |
| 794 | 621 | 1604 | 1605 |
| 795 | 624 | 1606 | 1607 |
| 796 | 627 | 1608 | 1609 |
| 797 | 630 | 1610 | 1611 |
| 798 | 633 | 1612 | 1613 |
| 799 | 636 | 1614 | 1615 |
| 800 | 639 | 1616 | 1617 |
| 801 | 642 | 1618 | 1619 |
| 802 | 645 | 1620 | 1621 |
| 803 | 648 | 1622 | 1623 |
| 804 | 651 | 1624 | 1625 |
| 805 | 1626 | 1627 | 1628 |
| 806 | 1629 | 1630 | 1631 |
| 807 | 1632 | 1633 | 1634 |
| 808 | 1635 | 1636 | 1637 |
| 809 | 666 | 1638 | 1639 |
| 810 | 711 | 1640 | 1641 |
| 811 | 714 | 1642 | 1643 |
| 812 | 726 | 1644 | 1645 |
| 813 | 729 | 1646 | 1647 |
| 814 | 732 | 1648 | 1649 |
| 815 | 735 | 1650 | 1651 |
| 816 | 738 | 1652 | 1653 |
| 817 | 741 | 1654 | 1655 |
| 818 | 744 | 1656 | 1657 |
| 819 | 747 | 1658 | 1659 |
| 820 | 750 | 1660 | 1661 |
| 821 | 753 | 1662 | 1663 |
| 822 | 756 | 1664 | 1665 |
| 823 | 759 | 1666 | 1667 |
| 824 | 762 | 1668 | 1669 |
| 825 | 765 | 1670 | 1671 |
| 826 | 768 | 1672 | 1673 |
| 827 | 771 | 1674 | 1675 |
| 828 | 774 | 1676 | 1677 |
| 829 | 777 | 1678 | 1679 |
| 830 | 798 | 1680 | 1681 |
| 831 | 801 | 1682 | 1683 |
| 832 | 804 | 1684 | 1685 |
| 833 | 807 | 1686 | 1687 |
| 834 | 810 | 1688 | 1689 |
| 835 | 813 | 1690 | 1691 |
| 836 | 816 | 1692 | 1693 |
| 837 | 819 | 1694 | 1695 |
| 838 | 822 | 1696 | 1697 |
| 839 | 825 | 1698 | 1699 |
| 840 | 828 | 1700 | 1701 |
| 841 | 831 | 1702 | 1703 |
| 842 | 834 | 1704 | 1705 |
| 843 | 837 | 1706 | 1707 |
| 844 | 840 | 1708 | 1709 |
| 845 | 843 | 1710 | 1711 |
| 846 | 846 | 1712 | 1713 |
| 847 | 849 | 1714 | 1715 |
| 848 | 852 | 1716 | 1717 |
| 849 | 855 | 1718 | 1719 |
| 850 | 858 | 1720 | 1721 |
| 851 | 861 | 1722 | 1723 |
| 852 | 864 | 1724 | 1725 |

| | | | |
|-----|------|------|------|
| 853 | 867 | 1726 | 1727 |
| 854 | 870 | 1728 | 1729 |
| 855 | 873 | 1730 | 1731 |
| 856 | 876 | 1732 | 1733 |
| 857 | 879 | 1734 | 1735 |
| 858 | 882 | 1736 | 1737 |
| 859 | 885 | 1738 | 1739 |
| 860 | 888 | 1740 | 1741 |
| 861 | 891 | 1742 | 1743 |
| 862 | 894 | 1744 | 1745 |
| 863 | 897 | 1746 | 1747 |
| 864 | 900 | 1748 | 1749 |
| 865 | 903 | 1750 | 1751 |
| 866 | 906 | 1752 | 1753 |
| 867 | 909 | 1754 | 1755 |
| 868 | 912 | 1756 | 1757 |
| 869 | 915 | 1758 | 1759 |
| 870 | 918 | 1760 | 1761 |
| 871 | 921 | 1762 | 1763 |
| 872 | 924 | 1764 | 1765 |
| 873 | 927 | 1766 | 1767 |
| 874 | 930 | 1768 | 1769 |
| 875 | 933 | 1770 | 1771 |
| 876 | 936 | 1772 | 1773 |
| 877 | 939 | 1774 | 1775 |
| 878 | 942 | 1776 | 1777 |
| 879 | 945 | 1778 | 1779 |
| 880 | 948 | 1780 | 1781 |
| 881 | 951 | 1782 | 1783 |
| 882 | 954 | 1784 | 1785 |
| 883 | 957 | 1786 | 1787 |
| 884 | 960 | 1788 | 1789 |
| 885 | 963 | 1790 | 1791 |
| 886 | 966 | 1792 | 1793 |
| 887 | 969 | 1794 | 1795 |
| 888 | 972 | 1796 | 1797 |
| 889 | 975 | 1798 | 1799 |
| 890 | 978 | 1800 | 1801 |
| 891 | 981 | 1802 | 1803 |
| 892 | 984 | 1804 | 1805 |
| 893 | 987 | 1806 | 1807 |
| 894 | 990 | 1808 | 1809 |
| 895 | 993 | 1810 | 1811 |
| 896 | 996 | 1812 | 1813 |
| 897 | 999 | 1814 | 1815 |
| 898 | 1002 | 1816 | 1817 |
| 899 | 1005 | 1818 | 1819 |
| 900 | 1008 | 1820 | 1821 |
| 901 | 1011 | 1822 | 1823 |
| 902 | 1014 | 1824 | 1825 |
| 903 | 1017 | 1826 | 1827 |
| 904 | 1020 | 1828 | 1829 |
| 905 | 1023 | 1830 | 1831 |
| 906 | 1026 | 1832 | 1833 |
| 907 | 1029 | 1834 | 1835 |
| 908 | 1032 | 1836 | 1837 |
| 909 | 1035 | 1838 | 1839 |
| 910 | 1038 | 1840 | 1841 |
| 911 | 1041 | 1842 | 1843 |
| 912 | 1044 | 1844 | 1845 |
| 913 | 1047 | 1846 | 1847 |
| 914 | 1050 | 1848 | 1849 |
| 915 | 1053 | 1850 | 1851 |
| 916 | 1056 | 1852 | 1853 |
| 917 | 1059 | 1854 | 1855 |
| 918 | 1062 | 1856 | 1857 |
| 919 | 1065 | 1858 | 1859 |
| 920 | 1068 | 1860 | 1861 |
| 921 | 1071 | 1862 | 1863 |
| 922 | 1074 | 1864 | 1865 |
| 923 | 1077 | 1866 | 1867 |
| 924 | 1080 | 1868 | 1869 |
| 925 | 1083 | 1870 | 1871 |
| 926 | 1086 | 1872 | 1873 |
| 927 | 1089 | 1874 | 1875 |
| 928 | 1092 | 1876 | 1877 |
| 929 | 1095 | 1878 | 1879 |
| 930 | 1098 | 1880 | 1881 |
| 931 | 1101 | 1882 | 1883 |
| 932 | 1104 | 1884 | 1885 |
| 933 | 1107 | 1886 | 1887 |
| 934 | 1110 | 1888 | 1889 |
| 935 | 1113 | 1890 | 1891 |
| 936 | 1116 | 1892 | 1893 |
| 937 | 1119 | 1894 | 1895 |
| 938 | 1122 | 1896 | 1897 |
| 939 | 1125 | 1898 | 1899 |
| 940 | 1128 | 1900 | 1901 |
| 941 | 1131 | 1902 | 1903 |
| 942 | 1134 | 1904 | 1905 |
| 943 | 1137 | 1906 | 1907 |
| 944 | 1140 | 1908 | 1909 |
| 945 | 1143 | 1910 | 1911 |
| 946 | 1146 | 1912 | 1913 |
| 947 | 669 | 1914 | 1915 |
| 948 | 672 | 1916 | 1917 |
| 949 | 675 | 1918 | 1919 |
| 950 | 678 | 1920 | 1921 |
| 951 | 681 | 1922 | 1923 |
| 952 | 684 | 1924 | 1925 |
| 953 | 687 | 1926 | 1927 |
| 954 | 690 | 1928 | 1929 |
| 955 | 693 | 1930 | 1931 |
| 956 | 696 | 1932 | 1933 |
| 957 | 699 | 1934 | 1935 |

| | | | |
|------|------|------|------|
| 958 | 702 | 1936 | 1937 |
| 959 | 705 | 1938 | 1939 |
| 960 | 708 | 1940 | 1941 |
| 961 | 1942 | 1943 | 1944 |
| 962 | 1945 | 1946 | 1947 |
| 963 | 1948 | 1949 | 1950 |
| 964 | 1951 | 1952 | 1953 |
| 965 | 717 | 1954 | 1955 |
| 966 | 780 | 1956 | 1957 |
| 967 | 783 | 1958 | 1959 |
| 968 | 724 | 663 | 1960 |
| 969 | 786 | 1961 | 1962 |
| 970 | 789 | 1963 | 1964 |
| 971 | 792 | 1965 | 1966 |
| 972 | 795 | 1967 | 1968 |
| 973 | 724 | 1969 | 1970 |
| 974 | 660 | 1971 | 1972 |
| 975 | 781 | 1973 | 1974 |
| 976 | 784 | 1975 | 1976 |
| 977 | 787 | 1977 | 1978 |
| 978 | 790 | 1979 | 1980 |
| 979 | 793 | 1981 | 1982 |
| 980 | 796 | 1983 | 1984 |
| 981 | 663 | 1985 | 1986 |
| 982 | 1987 | 796 | 1988 |
| 983 | 796 | 663 | 1989 |
| 984 | 1990 | 790 | 1991 |
| 985 | 793 | 1987 | 1992 |
| 986 | 790 | 793 | 1993 |
| 987 | 1994 | 784 | 1995 |
| 988 | 787 | 1990 | 1996 |
| 989 | 784 | 787 | 1997 |
| 990 | 660 | 781 | 1998 |
| 991 | 781 | 1994 | 1999 |
| 992 | 2000 | 1147 | 2001 |
| 993 | 1147 | 660 | 2002 |
| 994 | 2003 | 1141 | 2004 |
| 995 | 1144 | 2000 | 2005 |
| 996 | 1141 | 1144 | 2006 |
| 997 | 2007 | 1132 | 2008 |
| 998 | 1138 | 2003 | 2009 |
| 999 | 1135 | 1138 | 2010 |
| 1000 | 1132 | 1135 | 2011 |
| 1001 | 2012 | 1126 | 2013 |
| 1002 | 1129 | 2007 | 2014 |
| 1003 | 1126 | 1129 | 2015 |
| 1004 | 657 | 1123 | 2016 |
| 1005 | 1123 | 2012 | 2017 |
| 1006 | 2018 | 1120 | 2019 |
| 1007 | 1120 | 657 | 2020 |
| 1008 | 2021 | 1114 | 2022 |
| 1009 | 1117 | 2018 | 2023 |
| 1010 | 1114 | 1117 | 2024 |
| 1011 | 2025 | 1105 | 2026 |
| 1012 | 1111 | 2021 | 2027 |
| 1013 | 1108 | 1111 | 2028 |
| 1014 | 1105 | 1108 | 2029 |
| 1015 | 2030 | 1099 | 2031 |
| 1016 | 1102 | 2025 | 2032 |
| 1017 | 1099 | 1102 | 2033 |
| 1018 | 654 | 1096 | 2034 |
| 1019 | 1096 | 2030 | 2035 |
| 1020 | 2036 | 1093 | 2037 |
| 1021 | 1093 | 654 | 2038 |
| 1022 | 2039 | 1087 | 2040 |
| 1023 | 1090 | 2036 | 2041 |
| 1024 | 1087 | 1090 | 2042 |
| 1025 | 2043 | 1078 | 2044 |
| 1026 | 1084 | 2039 | 2045 |
| 1027 | 1081 | 1084 | 2046 |
| 1028 | 1078 | 1081 | 2047 |
| 1029 | 2048 | 1072 | 2049 |
| 1030 | 1075 | 2043 | 2050 |
| 1031 | 1072 | 1075 | 2051 |
| 1032 | 651 | 1069 | 2052 |
| 1033 | 1069 | 2048 | 2053 |
| 1034 | 2054 | 1066 | 2055 |
| 1035 | 1066 | 651 | 2056 |
| 1036 | 2057 | 1060 | 2058 |
| 1037 | 1063 | 2054 | 2059 |
| 1038 | 1060 | 1063 | 2060 |
| 1039 | 2061 | 1051 | 2062 |
| 1040 | 1057 | 2057 | 2063 |
| 1041 | 1054 | 1057 | 2064 |
| 1042 | 1051 | 1054 | 2065 |
| 1043 | 2066 | 1045 | 2067 |
| 1044 | 1048 | 2061 | 2068 |
| 1045 | 1045 | 1048 | 2069 |
| 1046 | 648 | 1042 | 2070 |
| 1047 | 1042 | 2066 | 2071 |
| 1048 | 2072 | 1039 | 2073 |
| 1049 | 1039 | 648 | 2074 |
| 1050 | 2075 | 1033 | 2076 |
| 1051 | 1036 | 2072 | 2077 |
| 1052 | 1033 | 1036 | 2078 |
| 1053 | 2079 | 1024 | 2080 |
| 1054 | 1030 | 2075 | 2081 |
| 1055 | 1027 | 1030 | 2082 |
| 1056 | 1024 | 1027 | 2083 |
| 1057 | 2084 | 1018 | 2085 |
| 1058 | 1021 | 2079 | 2086 |
| 1059 | 1018 | 1021 | 2087 |
| 1060 | 645 | 1015 | 2088 |
| 1061 | 1015 | 2084 | 2089 |
| 1062 | 2090 | 1012 | 2091 |

| | | | |
|------|------|------|------|
| 1063 | 1012 | 645 | 2092 |
| 1064 | 2093 | 1006 | 2094 |
| 1065 | 1009 | 2090 | 2095 |
| 1066 | 1006 | 1009 | 2096 |
| 1067 | 2097 | 997 | 2098 |
| 1068 | 1003 | 2093 | 2099 |
| 1069 | 1000 | 1003 | 2100 |
| 1070 | 997 | 1000 | 2101 |
| 1071 | 2102 | 991 | 2103 |
| 1072 | 994 | 2097 | 2104 |
| 1073 | 991 | 994 | 2105 |
| 1074 | 642 | 988 | 2106 |
| 1075 | 988 | 2102 | 2107 |
| 1076 | 2108 | 985 | 2109 |
| 1077 | 985 | 642 | 2110 |
| 1078 | 2111 | 979 | 2112 |
| 1079 | 982 | 2108 | 2113 |
| 1080 | 979 | 982 | 2114 |
| 1081 | 2115 | 970 | 2116 |
| 1082 | 976 | 2111 | 2117 |
| 1083 | 973 | 976 | 2118 |
| 1084 | 970 | 973 | 2119 |
| 1085 | 2120 | 964 | 2121 |
| 1086 | 967 | 2115 | 2122 |
| 1087 | 964 | 967 | 2123 |
| 1088 | 639 | 961 | 2124 |
| 1089 | 961 | 2120 | 2125 |
| 1090 | 2126 | 778 | 2127 |
| 1091 | 778 | 639 | 2128 |
| 1092 | 2129 | 772 | 2130 |
| 1093 | 775 | 2126 | 2131 |
| 1094 | 772 | 775 | 2132 |
| 1095 | 2133 | 766 | 2134 |
| 1096 | 769 | 2129 | 2135 |
| 1097 | 766 | 769 | 2136 |
| 1098 | 636 | 763 | 2137 |
| 1099 | 763 | 2133 | 2138 |
| 1100 | 2139 | 760 | 2140 |
| 1101 | 760 | 633 | 2141 |
| 1102 | 2142 | 754 | 2143 |
| 1103 | 757 | 2139 | 2144 |
| 1104 | 754 | 757 | 2145 |
| 1105 | 2146 | 748 | 2147 |
| 1106 | 751 | 2142 | 2148 |
| 1107 | 748 | 751 | 2149 |
| 1108 | 630 | 745 | 2150 |
| 1109 | 745 | 2146 | 2151 |
| 1110 | 2152 | 958 | 2153 |
| 1111 | 958 | 630 | 2154 |
| 1112 | 2155 | 952 | 2156 |
| 1113 | 955 | 2152 | 2157 |
| 1114 | 952 | 955 | 2158 |
| 1115 | 2159 | 943 | 2160 |
| 1116 | 949 | 2155 | 2161 |
| 1117 | 946 | 949 | 2162 |
| 1118 | 943 | 946 | 2163 |
| 1119 | 2164 | 937 | 2165 |
| 1120 | 940 | 2159 | 2166 |
| 1121 | 937 | 940 | 2167 |
| 1122 | 627 | 934 | 2168 |
| 1123 | 934 | 2164 | 2169 |
| 1124 | 2170 | 931 | 2171 |
| 1125 | 931 | 627 | 2172 |
| 1126 | 2173 | 925 | 2174 |
| 1127 | 928 | 2170 | 2175 |
| 1128 | 925 | 928 | 2176 |
| 1129 | 2177 | 916 | 2178 |
| 1130 | 922 | 2173 | 2179 |
| 1131 | 919 | 922 | 2180 |
| 1132 | 916 | 919 | 2181 |
| 1133 | 2182 | 910 | 2183 |
| 1134 | 913 | 2177 | 2184 |
| 1135 | 910 | 913 | 2185 |
| 1136 | 624 | 907 | 2186 |
| 1137 | 907 | 2182 | 2187 |
| 1138 | 2188 | 904 | 2189 |
| 1139 | 904 | 624 | 2190 |
| 1140 | 2191 | 898 | 2192 |
| 1141 | 901 | 2188 | 2193 |
| 1142 | 898 | 901 | 2194 |
| 1143 | 2195 | 889 | 2196 |
| 1144 | 895 | 2191 | 2197 |
| 1145 | 892 | 895 | 2198 |
| 1146 | 889 | 892 | 2199 |
| 1147 | 2200 | 883 | 2201 |
| 1148 | 886 | 2195 | 2202 |
| 1149 | 883 | 886 | 2203 |
| 1150 | 621 | 880 | 2204 |
| 1151 | 880 | 2200 | 2205 |
| 1152 | 2206 | 877 | 2207 |
| 1153 | 877 | 621 | 2208 |
| 1154 | 2209 | 871 | 2210 |
| 1155 | 874 | 2206 | 2211 |
| 1156 | 871 | 874 | 2212 |
| 1157 | 2213 | 862 | 2214 |
| 1158 | 868 | 2209 | 2215 |
| 1159 | 865 | 868 | 2216 |
| 1160 | 862 | 865 | 2217 |
| 1161 | 2218 | 856 | 2219 |
| 1162 | 859 | 2213 | 2220 |
| 1163 | 856 | 859 | 2221 |
| 1164 | 618 | 853 | 2222 |
| 1165 | 853 | 2218 | 2223 |
| 1166 | 2224 | 850 | 2225 |
| 1167 | 850 | 618 | 2226 |

| | | | |
|------|------|------|------|
| 1168 | 2227 | 844 | 2228 |
| 1169 | 847 | 2224 | 2229 |
| 1170 | 844 | 847 | 2230 |
| 1171 | 2231 | 835 | 2232 |
| 1172 | 841 | 2227 | 2233 |
| 1173 | 838 | 841 | 2234 |
| 1174 | 835 | 838 | 2235 |
| 1175 | 2236 | 829 | 2237 |
| 1176 | 832 | 2231 | 2238 |
| 1177 | 829 | 832 | 2239 |
| 1178 | 615 | 826 | 2240 |
| 1179 | 826 | 2236 | 2241 |
| 1180 | 2242 | 823 | 2243 |
| 1181 | 823 | 615 | 2244 |
| 1182 | 2245 | 817 | 2246 |
| 1183 | 820 | 2242 | 2247 |
| 1184 | 817 | 820 | 2248 |
| 1185 | 2249 | 808 | 2250 |
| 1186 | 814 | 2245 | 2251 |
| 1187 | 811 | 814 | 2252 |
| 1188 | 808 | 811 | 2253 |
| 1189 | 2254 | 802 | 2255 |
| 1190 | 805 | 2249 | 2256 |
| 1191 | 802 | 805 | 2257 |
| 1192 | 612 | 799 | 2258 |
| 1193 | 799 | 2254 | 2259 |
| 1194 | 2260 | 742 | 2261 |
| 1195 | 742 | 612 | 2262 |
| 1196 | 2263 | 736 | 2264 |
| 1197 | 739 | 2260 | 2265 |
| 1198 | 736 | 739 | 2266 |
| 1199 | 2267 | 730 | 2268 |
| 1200 | 733 | 2263 | 2269 |
| 1201 | 730 | 733 | 2270 |
| 1202 | 609 | 727 | 2271 |
| 1203 | 727 | 2267 | 2272 |
| 1204 | 1632 | 609 | 2273 |
| 1205 | 633 | 1626 | 2274 |
| 1206 | 1629 | 636 | 2275 |
| 1207 | 663 | 1635 | 2276 |
| 1208 | 2277 | 795 | 2278 |
| 1209 | 795 | 724 | 2279 |
| 1210 | 2280 | 789 | 2281 |
| 1211 | 792 | 2277 | 2282 |
| 1212 | 789 | 792 | 2283 |
| 1213 | 2284 | 783 | 2285 |
| 1214 | 786 | 2280 | 2286 |
| 1215 | 783 | 786 | 2287 |
| 1216 | 717 | 780 | 2288 |
| 1217 | 780 | 2284 | 2289 |
| 1218 | 2290 | 1146 | 2291 |
| 1219 | 1146 | 717 | 2292 |
| 1220 | 2293 | 1140 | 2294 |
| 1221 | 1143 | 2290 | 2295 |
| 1222 | 1140 | 1143 | 2296 |
| 1223 | 2297 | 1131 | 2298 |
| 1224 | 1137 | 2293 | 2299 |
| 1225 | 1134 | 1137 | 2300 |
| 1226 | 1131 | 1134 | 2301 |
| 1227 | 2302 | 1125 | 2303 |
| 1228 | 1128 | 2297 | 2304 |
| 1229 | 1125 | 1128 | 2305 |
| 1230 | 714 | 1122 | 2306 |
| 1231 | 1122 | 2302 | 2307 |
| 1232 | 2308 | 1119 | 2309 |
| 1233 | 1119 | 714 | 2310 |
| 1234 | 2311 | 1113 | 2312 |
| 1235 | 1116 | 2308 | 2313 |
| 1236 | 1113 | 1116 | 2314 |
| 1237 | 2315 | 1104 | 2316 |
| 1238 | 1110 | 2311 | 2317 |
| 1239 | 1107 | 1110 | 2318 |
| 1240 | 1104 | 1107 | 2319 |
| 1241 | 2320 | 1098 | 2321 |
| 1242 | 1101 | 2315 | 2322 |
| 1243 | 1098 | 1101 | 2323 |
| 1244 | 711 | 1095 | 2324 |
| 1245 | 1095 | 2320 | 2325 |
| 1246 | 2326 | 1092 | 2327 |
| 1247 | 1092 | 711 | 2328 |
| 1248 | 2329 | 1086 | 2330 |
| 1249 | 1089 | 2326 | 2331 |
| 1250 | 1086 | 1089 | 2332 |
| 1251 | 2333 | 1077 | 2334 |
| 1252 | 1083 | 2329 | 2335 |
| 1253 | 1080 | 1083 | 2336 |
| 1254 | 1077 | 1080 | 2337 |
| 1255 | 2338 | 1071 | 2339 |
| 1256 | 1074 | 2333 | 2340 |
| 1257 | 1071 | 1074 | 2341 |
| 1258 | 708 | 1068 | 2342 |
| 1259 | 1068 | 2338 | 2343 |
| 1260 | 2344 | 1065 | 2345 |
| 1261 | 1065 | 708 | 2346 |
| 1262 | 2347 | 1059 | 2348 |
| 1263 | 1062 | 2344 | 2349 |
| 1264 | 1059 | 1062 | 2350 |
| 1265 | 2351 | 1050 | 2352 |
| 1266 | 1056 | 2347 | 2353 |
| 1267 | 1053 | 1056 | 2354 |
| 1268 | 1050 | 1053 | 2355 |
| 1269 | 2356 | 1044 | 2357 |
| 1270 | 1047 | 2351 | 2358 |
| 1271 | 1044 | 1047 | 2359 |
| 1272 | 705 | 1041 | 2360 |

| | | | |
|------|------|------|------|
| 1273 | 1041 | 2356 | 2361 |
| 1274 | 2362 | 1038 | 2363 |
| 1275 | 1038 | 705 | 2364 |
| 1276 | 2365 | 1032 | 2366 |
| 1277 | 1035 | 2362 | 2367 |
| 1278 | 1032 | 1035 | 2368 |
| 1279 | 2369 | 1023 | 2370 |
| 1280 | 1029 | 2365 | 2371 |
| 1281 | 1026 | 1029 | 2372 |
| 1282 | 1023 | 1026 | 2373 |
| 1283 | 2374 | 1017 | 2375 |
| 1284 | 1020 | 2369 | 2376 |
| 1285 | 1017 | 1020 | 2377 |
| 1286 | 702 | 1014 | 2378 |
| 1287 | 1014 | 2374 | 2379 |
| 1288 | 2380 | 1011 | 2381 |
| 1289 | 1011 | 702 | 2382 |
| 1290 | 2383 | 1005 | 2384 |
| 1291 | 1008 | 2380 | 2385 |
| 1292 | 1005 | 1008 | 2386 |
| 1293 | 2387 | 996 | 2388 |
| 1294 | 1002 | 2383 | 2389 |
| 1295 | 999 | 1002 | 2390 |
| 1296 | 996 | 999 | 2391 |
| 1297 | 2392 | 990 | 2393 |
| 1298 | 993 | 2387 | 2394 |
| 1299 | 990 | 993 | 2395 |
| 1300 | 699 | 987 | 2396 |
| 1301 | 987 | 2392 | 2397 |
| 1302 | 2398 | 984 | 2399 |
| 1303 | 984 | 699 | 2400 |
| 1304 | 2401 | 978 | 2402 |
| 1305 | 981 | 2398 | 2403 |
| 1306 | 978 | 981 | 2404 |
| 1307 | 2405 | 969 | 2406 |
| 1308 | 975 | 2401 | 2407 |
| 1309 | 972 | 975 | 2408 |
| 1310 | 969 | 972 | 2409 |
| 1311 | 2410 | 963 | 2411 |
| 1312 | 966 | 2405 | 2412 |
| 1313 | 963 | 966 | 2413 |
| 1314 | 696 | 960 | 2414 |
| 1315 | 960 | 2410 | 2415 |
| 1316 | 2416 | 777 | 2417 |
| 1317 | 777 | 696 | 2418 |
| 1318 | 2419 | 771 | 2420 |
| 1319 | 774 | 2416 | 2421 |
| 1320 | 771 | 774 | 2422 |
| 1321 | 2423 | 765 | 2424 |
| 1322 | 768 | 2419 | 2425 |
| 1323 | 765 | 768 | 2426 |
| 1324 | 693 | 762 | 2427 |
| 1325 | 762 | 2423 | 2428 |
| 1326 | 2429 | 759 | 2430 |
| 1327 | 759 | 690 | 2431 |
| 1328 | 2432 | 753 | 2433 |
| 1329 | 756 | 2429 | 2434 |
| 1330 | 753 | 756 | 2435 |
| 1331 | 2436 | 747 | 2437 |
| 1332 | 750 | 2432 | 2438 |
| 1333 | 747 | 750 | 2439 |
| 1334 | 687 | 744 | 2440 |
| 1335 | 744 | 2436 | 2441 |
| 1336 | 2442 | 957 | 2443 |
| 1337 | 957 | 687 | 2444 |
| 1338 | 2445 | 951 | 2446 |
| 1339 | 954 | 2442 | 2447 |
| 1340 | 951 | 954 | 2448 |
| 1341 | 2449 | 942 | 2450 |
| 1342 | 948 | 2445 | 2451 |
| 1343 | 945 | 948 | 2452 |
| 1344 | 942 | 945 | 2453 |
| 1345 | 2454 | 936 | 2455 |
| 1346 | 939 | 2449 | 2456 |
| 1347 | 936 | 939 | 2457 |
| 1348 | 684 | 933 | 2458 |
| 1349 | 933 | 2454 | 2459 |
| 1350 | 2460 | 930 | 2461 |
| 1351 | 930 | 684 | 2462 |
| 1352 | 2463 | 924 | 2464 |
| 1353 | 927 | 2460 | 2465 |
| 1354 | 924 | 927 | 2466 |
| 1355 | 2467 | 915 | 2468 |
| 1356 | 921 | 2463 | 2469 |
| 1357 | 918 | 921 | 2470 |
| 1358 | 915 | 918 | 2471 |
| 1359 | 2472 | 909 | 2473 |
| 1360 | 912 | 2467 | 2474 |
| 1361 | 909 | 912 | 2475 |
| 1362 | 681 | 906 | 2476 |
| 1363 | 906 | 2472 | 2477 |
| 1364 | 2478 | 903 | 2479 |
| 1365 | 903 | 681 | 2480 |
| 1366 | 2481 | 897 | 2482 |
| 1367 | 900 | 2478 | 2483 |
| 1368 | 897 | 900 | 2484 |
| 1369 | 2485 | 888 | 2486 |
| 1370 | 894 | 2481 | 2487 |
| 1371 | 891 | 894 | 2488 |
| 1372 | 888 | 891 | 2489 |
| 1373 | 2490 | 882 | 2491 |
| 1374 | 885 | 2485 | 2492 |
| 1375 | 882 | 885 | 2493 |
| 1376 | 678 | 879 | 2494 |
| 1377 | 879 | 2490 | 2495 |

| | | | |
|------|------|------|------|
| 1378 | 2496 | 876 | 2497 |
| 1379 | 876 | 678 | 2498 |
| 1380 | 2499 | 870 | 2500 |
| 1381 | 873 | 2496 | 2501 |
| 1382 | 870 | 873 | 2502 |
| 1383 | 2503 | 861 | 2504 |
| 1384 | 867 | 2499 | 2505 |
| 1385 | 864 | 867 | 2506 |
| 1386 | 861 | 864 | 2507 |
| 1387 | 2508 | 855 | 2509 |
| 1388 | 858 | 2503 | 2510 |
| 1389 | 855 | 858 | 2511 |
| 1390 | 675 | 852 | 2512 |
| 1391 | 852 | 2508 | 2513 |
| 1392 | 2514 | 849 | 2515 |
| 1393 | 849 | 675 | 2516 |
| 1394 | 2517 | 843 | 2518 |
| 1395 | 846 | 2514 | 2519 |
| 1396 | 843 | 846 | 2520 |
| 1397 | 2521 | 834 | 2522 |
| 1398 | 840 | 2517 | 2523 |
| 1399 | 837 | 840 | 2524 |
| 1400 | 834 | 837 | 2525 |
| 1401 | 2526 | 828 | 2527 |
| 1402 | 831 | 2521 | 2528 |
| 1403 | 828 | 831 | 2529 |
| 1404 | 672 | 825 | 2530 |
| 1405 | 825 | 2526 | 2531 |
| 1406 | 2532 | 822 | 2533 |
| 1407 | 822 | 672 | 2534 |
| 1408 | 2535 | 816 | 2536 |
| 1409 | 819 | 2532 | 2537 |
| 1410 | 816 | 819 | 2538 |
| 1411 | 2539 | 807 | 2540 |
| 1412 | 813 | 2535 | 2541 |
| 1413 | 810 | 813 | 2542 |
| 1414 | 807 | 810 | 2543 |
| 1415 | 2544 | 801 | 2545 |
| 1416 | 804 | 2539 | 2546 |
| 1417 | 801 | 804 | 2547 |
| 1418 | 669 | 798 | 2548 |
| 1419 | 798 | 2544 | 2549 |
| 1420 | 2550 | 741 | 2551 |
| 1421 | 741 | 669 | 2552 |
| 1422 | 2553 | 735 | 2554 |
| 1423 | 738 | 2550 | 2555 |
| 1424 | 735 | 738 | 2556 |
| 1425 | 2557 | 729 | 2558 |
| 1426 | 732 | 2553 | 2559 |
| 1427 | 729 | 732 | 2560 |
| 1428 | 666 | 726 | 2561 |
| 1429 | 726 | 2557 | 2562 |
| 1430 | 1948 | 666 | 2563 |
| 1431 | 690 | 1942 | 2564 |
| 1432 | 1945 | 693 | 2565 |
| 1433 | 724 | 1951 | 2566 |
| 1434 | 1948 | 2567 | 2568 |
| 1435 | 2567 | 1632 | 2569 |
| 1436 | 1942 | 2570 | 2571 |
| 1437 | 2570 | 1626 | 2572 |
| 1438 | 1945 | 2573 | 2574 |
| 1439 | 2573 | 1629 | 2575 |
| 1440 | 1951 | 2576 | 2577 |
| 1441 | 2576 | 1635 | 2578 |
| 1442 | 2579 | 724 | 2580 |

TOTAL NUMBER OF ELEMENTS = 1507
LARGEST ELEMENT NUMBER = 1507
LARGEST NODE NUMBER = 2742

DEFAULT SOLVER CHOSEN

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

| NODE NO. | COORDINATE IN X-DIRECTION M | COORDINATE IN Y-DIRECTION M | COORDINATE IN Z-DIRECTION M |
|----------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | -325.777 | 2.12500 | -2.50000 |
| 2 | -325.777 | 2.12500 | -3.00000 |
| 3 | -325.777 | 3.12500 | -2.50000 |
| 4 | -325.777 | 9.12500 | -2.50000 |
| 5 | -325.777 | 9.12500 | -3.00000 |
| 6 | -325.777 | 10.1250 | -2.50000 |
| 7 | -325.777 | 2.12500 | -4.25000 |
| 8 | -325.777 | 3.12500 | -3.00000 |
| 9 | -325.777 | 9.12500 | -4.25000 |
| 10 | -325.777 | 10.1250 | -3.00000 |
| 11 | -325.777 | 5.62500 | -4.25000 |
| 12 | -326.944 | 2.12500 | -4.25000 |
| 13 | -326.944 | 5.62500 | -4.25000 |
| 14 | -325.777 | 10.2050 | -4.25000 |
| 15 | -326.777 | 9.12500 | -4.25000 |
| 16 | -325.777 | 1.04500 | -4.25000 |
| 17 | -326.777 | 1.04500 | -4.25000 |
| 18 | -325.777 | 5.62500 | -5.50000 |
| 19 | -325.777 | 6.62500 | -4.25000 |
| 20 | -325.777 | 5.62500 | -7.00000 |
| 21 | -325.777 | 5.62500 | -5.68750 |

| | | | |
|-----|----------|---------|----------|
| 22 | -325.777 | 5.62500 | -5.87500 |
| 23 | -325.777 | 5.62500 | -6.06250 |
| 24 | -325.777 | 5.62500 | -6.25000 |
| 25 | -325.777 | 5.62500 | -6.43750 |
| 26 | -325.777 | 5.62500 | -6.62500 |
| 27 | -325.777 | 5.62500 | -6.81250 |
| 28 | -325.777 | 6.62500 | -5.50000 |
| 29 | -325.777 | 6.62500 | -5.68750 |
| 30 | -325.777 | 6.62500 | -5.87500 |
| 31 | -325.777 | 6.62500 | -6.06250 |
| 32 | -325.777 | 6.62500 | -6.25000 |
| 33 | -325.777 | 6.62500 | -6.43750 |
| 34 | -325.777 | 6.62500 | -6.62500 |
| 35 | -325.777 | 6.62500 | -6.81250 |
| 36 | -277.187 | 2.12500 | -3.00000 |
| 37 | -277.187 | 2.12500 | -4.25000 |
| 38 | -277.187 | 3.12500 | -3.00000 |
| 39 | -277.187 | 9.12500 | -3.00000 |
| 40 | -277.187 | 9.12500 | -4.25000 |
| 41 | -277.187 | 10.1250 | -3.00000 |
| 42 | -277.187 | 5.62500 | -4.25000 |
| 43 | -278.354 | 2.12500 | -4.25000 |
| 44 | -278.354 | 5.62500 | -4.25000 |
| 45 | -277.187 | 10.2050 | -4.25000 |
| 46 | -278.187 | 9.12500 | -4.25000 |
| 47 | -277.187 | 1.04500 | -4.25000 |
| 48 | -278.187 | 1.04500 | -4.25000 |
| 49 | -277.187 | 5.62500 | -5.50000 |
| 50 | -277.187 | 6.62500 | -4.25000 |
| 51 | -277.187 | 5.62500 | -7.50000 |
| 52 | -277.187 | 5.62500 | -5.75000 |
| 53 | -277.187 | 5.62500 | -6.00000 |
| 54 | -277.187 | 5.62500 | -6.25000 |
| 55 | -277.187 | 5.62500 | -6.50000 |
| 56 | -277.187 | 5.62500 | -6.75000 |
| 57 | -277.187 | 5.62500 | -7.00000 |
| 58 | -277.187 | 5.62500 | -7.25000 |
| 59 | -277.187 | 6.62500 | -5.50000 |
| 60 | -277.187 | 6.62500 | -5.75000 |
| 61 | -277.187 | 6.62500 | -6.00000 |
| 62 | -277.187 | 6.62500 | -6.25000 |
| 63 | -277.187 | 6.62500 | -6.50000 |
| 64 | -277.187 | 6.62500 | -6.75000 |
| 65 | -277.187 | 6.62500 | -7.00000 |
| 66 | -277.187 | 6.62500 | -7.25000 |
| 67 | -277.187 | 2.12500 | -2.50000 |
| 68 | -277.187 | 3.12500 | -2.50000 |
| 69 | -277.187 | 9.12500 | -2.50000 |
| 70 | -277.187 | 10.1250 | -2.50000 |
| 71 | -325.777 | 5.62500 | -8.80000 |
| 72 | -325.777 | 6.62500 | -7.00000 |
| 73 | -277.187 | 5.62500 | -9.30000 |
| 74 | -277.187 | 6.62500 | -7.50000 |
| 75 | -228.607 | 2.12500 | -3.00000 |
| 76 | -228.607 | 2.12500 | -4.25000 |
| 77 | -228.607 | 3.12500 | -3.00000 |
| 78 | -228.607 | 9.12500 | -3.00000 |
| 79 | -228.607 | 9.12500 | -4.25000 |
| 80 | -228.607 | 10.1250 | -3.00000 |
| 81 | -228.607 | 5.62500 | -4.25000 |
| 82 | -229.774 | 2.12500 | -4.25000 |
| 83 | -229.774 | 5.62500 | -4.25000 |
| 84 | -228.607 | 10.2050 | -4.25000 |
| 85 | -229.607 | 9.12500 | -4.25000 |
| 86 | -228.607 | 1.04500 | -4.25000 |
| 87 | -229.607 | 1.04500 | -4.25000 |
| 88 | -228.607 | 5.62500 | -5.50000 |
| 89 | -228.607 | 6.62500 | -4.25000 |
| 90 | -228.607 | 5.62500 | -8.00000 |
| 91 | -228.607 | 5.62500 | -5.81250 |
| 92 | -228.607 | 5.62500 | -6.12500 |
| 93 | -228.607 | 5.62500 | -6.43750 |
| 94 | -228.607 | 5.62500 | -6.75000 |
| 95 | -228.607 | 5.62500 | -7.06250 |
| 96 | -228.607 | 5.62500 | -7.37500 |
| 97 | -228.607 | 5.62500 | -7.68750 |
| 98 | -228.607 | 6.62500 | -5.50000 |
| 99 | -228.607 | 6.62500 | -5.81250 |
| 100 | -228.607 | 6.62500 | -6.12500 |
| 101 | -228.607 | 6.62500 | -6.43750 |
| 102 | -228.607 | 6.62500 | -6.75000 |
| 103 | -228.607 | 6.62500 | -7.06250 |
| 104 | -228.607 | 6.62500 | -7.37500 |
| 105 | -228.607 | 6.62500 | -7.68750 |
| 106 | -228.607 | 5.62500 | -9.80000 |
| 107 | -228.607 | 6.62500 | -8.00000 |
| 108 | -228.607 | 9.12500 | -2.50000 |
| 109 | -228.607 | 10.1250 | -2.50000 |
| 110 | -228.607 | 2.12500 | -2.50000 |
| 111 | -228.607 | 3.12500 | -2.50000 |
| 112 | -180.037 | 2.12500 | -3.00000 |
| 113 | -180.037 | 2.12500 | -4.25000 |
| 114 | -180.037 | 3.12500 | -3.00000 |
| 115 | -180.037 | 9.12500 | -3.00000 |
| 116 | -180.037 | 9.12500 | -4.25000 |
| 117 | -180.037 | 10.1250 | -3.00000 |
| 118 | -180.037 | 5.62500 | -4.25000 |
| 119 | -181.204 | 2.12500 | -4.25000 |
| 120 | -181.204 | 5.62500 | -4.25000 |
| 121 | -180.037 | 10.2050 | -4.25000 |
| 122 | -181.037 | 9.12500 | -4.25000 |
| 123 | -180.037 | 1.04500 | -4.25000 |
| 124 | -181.037 | 1.04500 | -4.25000 |
| 125 | -180.037 | 5.62500 | -5.50000 |
| 126 | -180.037 | 6.62500 | -4.25000 |

| | | | |
|-----|----------|----------|-----------|
| 127 | -180.037 | 5.62500 | -8.50000 |
| 128 | -180.037 | 5.62500 | -5.87500 |
| 129 | -180.037 | 5.62500 | -6.25000 |
| 130 | -180.037 | 5.62500 | -6.62500 |
| 131 | -180.037 | 5.62500 | -7.00000 |
| 132 | -180.037 | 5.62500 | -7.37500 |
| 133 | -180.037 | 5.62500 | -7.75000 |
| 134 | -180.037 | 5.62500 | -8.12500 |
| 135 | -180.037 | 6.62500 | -5.50000 |
| 136 | -180.037 | 6.62500 | -5.87500 |
| 137 | -180.037 | 6.62500 | -6.25000 |
| 138 | -180.037 | 6.62500 | -6.62500 |
| 139 | -180.037 | 6.62500 | -7.00000 |
| 140 | -180.037 | 6.62500 | -7.37500 |
| 141 | -180.037 | 6.62500 | -7.75000 |
| 142 | -180.037 | 6.62500 | -8.12500 |
| 143 | -180.037 | 5.62500 | -10.30000 |
| 144 | -180.037 | 6.62500 | -8.50000 |
| 145 | -180.037 | 9.12500 | -2.50000 |
| 146 | -180.037 | 10.12500 | -2.50000 |
| 147 | -180.037 | 2.12500 | -2.50000 |
| 148 | -180.037 | 3.12500 | -2.50000 |
| 149 | -131.487 | 2.12500 | -3.00000 |
| 150 | -131.487 | 2.12500 | -4.25000 |
| 151 | -131.487 | 3.12500 | -3.00000 |
| 152 | -131.487 | 9.12500 | -3.00000 |
| 153 | -131.487 | 9.12500 | -4.25000 |
| 154 | -131.487 | 10.12500 | -3.00000 |
| 155 | -131.487 | 5.62500 | -4.25000 |
| 156 | -132.654 | 2.12500 | -4.25000 |
| 157 | -132.654 | 5.62500 | -4.25000 |
| 158 | -131.487 | 10.20500 | -4.25000 |
| 159 | -132.487 | 9.12500 | -4.25000 |
| 160 | -131.487 | 1.04500 | -4.25000 |
| 161 | -132.487 | 1.04500 | -4.25000 |
| 162 | -131.487 | 5.62500 | -5.50000 |
| 163 | -131.487 | 6.62500 | -4.25000 |
| 164 | -131.487 | 5.62500 | -8.75000 |
| 165 | -131.487 | 5.62500 | -5.90625 |
| 166 | -131.487 | 5.62500 | -6.31250 |
| 167 | -131.487 | 5.62500 | -6.71875 |
| 168 | -131.487 | 5.62500 | -7.12500 |
| 169 | -131.487 | 5.62500 | -7.53125 |
| 170 | -131.487 | 5.62500 | -7.93750 |
| 171 | -131.487 | 5.62500 | -8.34375 |
| 172 | -131.487 | 6.62500 | -5.50000 |
| 173 | -131.487 | 6.62500 | -5.90625 |
| 174 | -131.487 | 6.62500 | -6.31250 |
| 175 | -131.487 | 6.62500 | -6.71875 |
| 176 | -131.487 | 6.62500 | -7.12500 |
| 177 | -131.487 | 6.62500 | -7.53125 |
| 178 | -131.487 | 6.62500 | -7.93750 |
| 179 | -131.487 | 6.62500 | -8.34375 |
| 180 | -131.487 | 5.62500 | -10.55000 |
| 181 | -131.487 | 6.62500 | -8.75000 |
| 182 | -131.487 | 9.12500 | -2.50000 |
| 183 | -131.487 | 10.12500 | -2.50000 |
| 184 | -131.487 | 2.12500 | -2.50000 |
| 185 | -131.487 | 3.12500 | -2.50000 |
| 186 | -82.9570 | 2.12500 | -3.00000 |
| 187 | -82.9570 | 2.12500 | -4.25000 |
| 188 | -82.9570 | 3.12500 | -3.00000 |
| 189 | -82.9570 | 9.12500 | -3.00000 |
| 190 | -82.9570 | 9.12500 | -4.25000 |
| 191 | -82.9570 | 10.12500 | -3.00000 |
| 192 | -82.9570 | 5.62500 | -4.25000 |
| 193 | -84.1237 | 2.12500 | -4.25000 |
| 194 | -84.1237 | 5.62500 | -4.25000 |
| 195 | -82.9570 | 10.20500 | -4.25000 |
| 196 | -83.9570 | 9.12500 | -4.25000 |
| 197 | -82.9570 | 1.04500 | -4.25000 |
| 198 | -83.9570 | 1.04500 | -4.25000 |
| 199 | -82.9570 | 5.62500 | -5.50000 |
| 200 | -82.9570 | 6.62500 | -4.25000 |
| 201 | -82.9570 | 5.62500 | -9.50000 |
| 202 | -82.9570 | 5.62500 | -6.00000 |
| 203 | -82.9570 | 5.62500 | -6.50000 |
| 204 | -82.9570 | 5.62500 | -7.00000 |
| 205 | -82.9570 | 5.62500 | -7.50000 |
| 206 | -82.9570 | 5.62500 | -8.00000 |
| 207 | -82.9570 | 5.62500 | -8.50000 |
| 208 | -82.9570 | 5.62500 | -9.00000 |
| 209 | -82.9570 | 6.62500 | -5.50000 |
| 210 | -82.9570 | 6.62500 | -6.00000 |
| 211 | -82.9570 | 6.62500 | -6.50000 |
| 212 | -82.9570 | 6.62500 | -7.00000 |
| 213 | -82.9570 | 6.62500 | -7.50000 |
| 214 | -82.9570 | 6.62500 | -8.00000 |
| 215 | -82.9570 | 6.62500 | -8.50000 |
| 216 | -82.9570 | 6.62500 | -9.00000 |
| 217 | -82.9570 | 5.62500 | -11.30000 |
| 218 | -82.9570 | 6.62500 | -9.50000 |
| 219 | -82.9570 | 9.12500 | -2.50000 |
| 220 | -82.9570 | 10.12500 | -2.50000 |
| 221 | -82.9570 | 2.12500 | -2.50000 |
| 222 | -82.9570 | 3.12500 | -2.50000 |
| 223 | -34.4470 | 2.12500 | -3.00000 |
| 224 | -34.4470 | 2.12500 | -4.25000 |
| 225 | -34.4470 | 3.12500 | -3.00000 |
| 226 | -34.4470 | 9.12500 | -3.00000 |
| 227 | -34.4470 | 9.12500 | -4.25000 |
| 228 | -34.4470 | 10.12500 | -3.00000 |
| 229 | -34.4470 | 5.62500 | -4.25000 |
| 230 | -35.6137 | 2.12500 | -4.25000 |
| 231 | -35.6137 | 5.62500 | -4.25000 |

| | | | |
|-----|----------|----------|-----------|
| 232 | -34.4470 | 10.2050 | -4.25000 |
| 233 | -35.4470 | 9.12500 | -4.25000 |
| 234 | -34.4470 | 1.04500 | -4.25000 |
| 235 | -35.4470 | 1.04500 | -4.25000 |
| 236 | -34.4470 | 5.62500 | -5.50000 |
| 237 | -34.4470 | 6.62500 | -4.25000 |
| 238 | -34.4470 | 5.62500 | -9.75000 |
| 239 | -34.4470 | 5.62500 | -6.03125 |
| 240 | -34.4470 | 5.62500 | -6.56250 |
| 241 | -34.4470 | 5.62500 | -7.09375 |
| 242 | -34.4470 | 5.62500 | -7.62500 |
| 243 | -34.4470 | 5.62500 | -8.15625 |
| 244 | -34.4470 | 5.62500 | -8.68750 |
| 245 | -34.4470 | 5.62500 | -9.21875 |
| 246 | -34.4470 | 6.62500 | -5.50000 |
| 247 | -34.4470 | 6.62500 | -6.03125 |
| 248 | -34.4470 | 6.62500 | -6.56250 |
| 249 | -34.4470 | 6.62500 | -7.09375 |
| 250 | -34.4470 | 6.62500 | -7.62500 |
| 251 | -34.4470 | 6.62500 | -8.15625 |
| 252 | -34.4470 | 6.62500 | -8.68750 |
| 253 | -34.4470 | 6.62500 | -9.21875 |
| 254 | -34.4470 | 5.62500 | -11.55000 |
| 255 | -34.4470 | 6.62500 | -9.75000 |
| 256 | -34.4470 | 9.12500 | -2.50000 |
| 257 | -34.4470 | 10.12500 | -2.50000 |
| 258 | -34.4470 | 2.12500 | -2.50000 |
| 259 | -34.4470 | 3.12500 | -2.50000 |
| 260 | 33.5470 | 2.12500 | -3.00000 |
| 261 | 33.5470 | 2.12500 | -4.25000 |
| 262 | 33.5470 | 3.12500 | -3.00000 |
| 263 | 33.5470 | 9.12500 | -3.00000 |
| 264 | 33.5470 | 9.12500 | -4.25000 |
| 265 | 33.5470 | 10.12500 | -3.00000 |
| 266 | 33.5470 | 5.62500 | -4.25000 |
| 267 | 32.3803 | 2.12500 | -4.25000 |
| 268 | 32.3803 | 5.62500 | -4.25000 |
| 269 | 33.5470 | 10.20500 | -4.25000 |
| 270 | 32.5470 | 9.12500 | -4.25000 |
| 271 | 33.5470 | 1.04500 | -4.25000 |
| 272 | 32.5470 | 1.04500 | -4.25000 |
| 273 | 33.5470 | 5.62500 | -5.50000 |
| 274 | 33.5470 | 6.62500 | -4.25000 |
| 275 | 33.5470 | 5.62500 | -10.00000 |
| 276 | 33.5470 | 5.62500 | -6.06250 |
| 277 | 33.5470 | 5.62500 | -6.62500 |
| 278 | 33.5470 | 5.62500 | -7.18750 |
| 279 | 33.5470 | 5.62500 | -7.75000 |
| 280 | 33.5470 | 5.62500 | -8.31250 |
| 281 | 33.5470 | 5.62500 | -8.87500 |
| 282 | 33.5470 | 5.62500 | -9.43750 |
| 283 | 33.5470 | 6.62500 | -5.50000 |
| 284 | 33.5470 | 6.62500 | -6.06250 |
| 285 | 33.5470 | 6.62500 | -6.62500 |
| 286 | 33.5470 | 6.62500 | -7.18750 |
| 287 | 33.5470 | 6.62500 | -7.75000 |
| 288 | 33.5470 | 6.62500 | -8.31250 |
| 289 | 33.5470 | 6.62500 | -8.87500 |
| 290 | 33.5470 | 6.62500 | -9.43750 |
| 291 | 33.5470 | 5.62500 | -11.80000 |
| 292 | 33.5470 | 6.62500 | -10.00000 |
| 293 | 33.5470 | 9.12500 | -2.50000 |
| 294 | 33.5470 | 10.12500 | -2.50000 |
| 295 | 33.5470 | 2.12500 | -2.50000 |
| 296 | 33.5470 | 3.12500 | -2.50000 |
| 297 | 82.0570 | 2.12500 | -3.00000 |
| 298 | 82.0570 | 2.12500 | -4.25000 |
| 299 | 82.0570 | 3.12500 | -3.00000 |
| 300 | 82.0570 | 9.12500 | -3.00000 |
| 301 | 82.0570 | 9.12500 | -4.25000 |
| 302 | 82.0570 | 10.12500 | -3.00000 |
| 303 | 82.0570 | 5.62500 | -4.25000 |
| 304 | 80.8903 | 2.12500 | -4.25000 |
| 305 | 80.8903 | 5.62500 | -4.25000 |
| 306 | 82.0570 | 10.20500 | -4.25000 |
| 307 | 81.0570 | 9.12500 | -4.25000 |
| 308 | 82.0570 | 1.04500 | -4.25000 |
| 309 | 81.0570 | 1.04500 | -4.25000 |
| 310 | 82.0570 | 5.62500 | -5.50000 |
| 311 | 82.0570 | 6.62500 | -4.25000 |
| 312 | 82.0570 | 5.62500 | -9.50000 |
| 313 | 82.0570 | 5.62500 | -6.00000 |
| 314 | 82.0570 | 5.62500 | -6.50000 |
| 315 | 82.0570 | 5.62500 | -7.00000 |
| 316 | 82.0570 | 5.62500 | -7.50000 |
| 317 | 82.0570 | 5.62500 | -8.00000 |
| 318 | 82.0570 | 5.62500 | -8.50000 |
| 319 | 82.0570 | 5.62500 | -9.00000 |
| 320 | 82.0570 | 6.62500 | -5.50000 |
| 321 | 82.0570 | 6.62500 | -6.00000 |
| 322 | 82.0570 | 6.62500 | -6.50000 |
| 323 | 82.0570 | 6.62500 | -7.00000 |
| 324 | 82.0570 | 6.62500 | -7.50000 |
| 325 | 82.0570 | 6.62500 | -8.00000 |
| 326 | 82.0570 | 6.62500 | -8.50000 |
| 327 | 82.0570 | 6.62500 | -9.00000 |
| 328 | 82.0570 | 5.62500 | -11.30000 |
| 329 | 82.0570 | 6.62500 | -9.50000 |
| 330 | 82.0570 | 9.12500 | -2.50000 |
| 331 | 82.0570 | 10.12500 | -2.50000 |
| 332 | 82.0570 | 2.12500 | -2.50000 |
| 333 | 82.0570 | 3.12500 | -2.50000 |
| 334 | 130.587 | 2.12500 | -3.00000 |
| 335 | 130.587 | 2.12500 | -4.25000 |
| 336 | 130.587 | 3.12500 | -3.00000 |

| | | | |
|-----|---------|---------|----------|
| 337 | 130.587 | 9.12500 | -3.00000 |
| 338 | 130.587 | 9.12500 | -4.25000 |
| 339 | 130.587 | 10.1250 | -3.00000 |
| 340 | 130.587 | 5.62500 | -4.25000 |
| 341 | 129.420 | 2.12500 | -4.25000 |
| 342 | 129.420 | 5.62500 | -4.25000 |
| 343 | 130.587 | 10.2050 | -4.25000 |
| 344 | 129.587 | 9.12500 | -4.25000 |
| 345 | 130.587 | 1.04500 | -4.25000 |
| 346 | 129.587 | 1.04500 | -4.25000 |
| 347 | 130.587 | 5.62500 | -5.50000 |
| 348 | 130.587 | 6.62500 | -4.25000 |
| 349 | 130.587 | 5.62500 | -9.50000 |
| 350 | 130.587 | 5.62500 | -6.00000 |
| 351 | 130.587 | 5.62500 | -6.50000 |
| 352 | 130.587 | 5.62500 | -7.00000 |
| 353 | 130.587 | 5.62500 | -7.50000 |
| 354 | 130.587 | 5.62500 | -8.00000 |
| 355 | 130.587 | 5.62500 | -8.50000 |
| 356 | 130.587 | 5.62500 | -9.00000 |
| 357 | 130.587 | 6.62500 | -5.50000 |
| 358 | 130.587 | 6.62500 | -6.00000 |
| 359 | 130.587 | 6.62500 | -6.50000 |
| 360 | 130.587 | 6.62500 | -7.00000 |
| 361 | 130.587 | 6.62500 | -7.50000 |
| 362 | 130.587 | 6.62500 | -8.00000 |
| 363 | 130.587 | 6.62500 | -8.50000 |
| 364 | 130.587 | 6.62500 | -9.00000 |
| 365 | 130.587 | 5.62500 | -11.3000 |
| 366 | 130.587 | 6.62500 | -9.50000 |
| 367 | 130.587 | 9.12500 | -2.50000 |
| 368 | 130.587 | 10.1250 | -2.50000 |
| 369 | 130.587 | 2.12500 | -2.50000 |
| 370 | 130.587 | 3.12500 | -2.50000 |
| 371 | 179.137 | 2.12500 | -3.00000 |
| 372 | 179.137 | 2.12500 | -4.25000 |
| 373 | 179.137 | 3.12500 | -3.00000 |
| 374 | 179.137 | 9.12500 | -3.00000 |
| 375 | 179.137 | 9.12500 | -4.25000 |
| 376 | 179.137 | 10.1250 | -3.00000 |
| 377 | 179.137 | 5.62500 | -4.25000 |
| 378 | 177.970 | 2.12500 | -4.25000 |
| 379 | 177.970 | 5.62500 | -4.25000 |
| 380 | 179.137 | 10.2050 | -4.25000 |
| 381 | 178.137 | 9.12500 | -4.25000 |
| 382 | 179.137 | 1.04500 | -4.25000 |
| 383 | 178.137 | 1.04500 | -4.25000 |
| 384 | 179.137 | 5.62500 | -5.50000 |
| 385 | 179.137 | 6.62500 | -4.25000 |
| 386 | 179.137 | 5.62500 | -9.25000 |
| 387 | 179.137 | 5.62500 | -5.96875 |
| 388 | 179.137 | 5.62500 | -6.43750 |
| 389 | 179.137 | 5.62500 | -6.90625 |
| 390 | 179.137 | 5.62500 | -7.37500 |
| 391 | 179.137 | 5.62500 | -7.84375 |
| 392 | 179.137 | 5.62500 | -8.31250 |
| 393 | 179.137 | 5.62500 | -8.78125 |
| 394 | 179.137 | 6.62500 | -5.50000 |
| 395 | 179.137 | 6.62500 | -5.96875 |
| 396 | 179.137 | 6.62500 | -6.43750 |
| 397 | 179.137 | 6.62500 | -6.90625 |
| 398 | 179.137 | 6.62500 | -7.37500 |
| 399 | 179.137 | 6.62500 | -7.84375 |
| 400 | 179.137 | 6.62500 | -8.31250 |
| 401 | 179.137 | 6.62500 | -8.78125 |
| 402 | 179.137 | 5.62500 | -11.0500 |
| 403 | 179.137 | 6.62500 | -9.25000 |
| 404 | 179.137 | 9.12500 | -2.50000 |
| 405 | 179.137 | 10.1250 | -2.50000 |
| 406 | 179.137 | 2.12500 | -2.50000 |
| 407 | 179.137 | 3.12500 | -2.50000 |
| 408 | 227.707 | 2.12500 | -3.00000 |
| 409 | 227.707 | 2.12500 | -4.25000 |
| 410 | 227.707 | 3.12500 | -3.00000 |
| 411 | 227.707 | 9.12500 | -3.00000 |
| 412 | 227.707 | 9.12500 | -4.25000 |
| 413 | 227.707 | 10.1250 | -3.00000 |
| 414 | 227.707 | 5.62500 | -4.25000 |
| 415 | 226.540 | 2.12500 | -4.25000 |
| 416 | 226.540 | 5.62500 | -4.25000 |
| 417 | 227.707 | 10.2050 | -4.25000 |
| 418 | 226.707 | 9.12500 | -4.25000 |
| 419 | 227.707 | 1.04500 | -4.25000 |
| 420 | 226.707 | 1.04500 | -4.25000 |
| 421 | 227.707 | 5.62500 | -5.50000 |
| 422 | 227.707 | 6.62500 | -4.25000 |
| 423 | 227.707 | 5.62500 | -8.50000 |
| 424 | 227.707 | 5.62500 | -5.87500 |
| 425 | 227.707 | 5.62500 | -6.25000 |
| 426 | 227.707 | 5.62500 | -6.62500 |
| 427 | 227.707 | 5.62500 | -7.00000 |
| 428 | 227.707 | 5.62500 | -7.37500 |
| 429 | 227.707 | 5.62500 | -7.75000 |
| 430 | 227.707 | 5.62500 | -8.12500 |
| 431 | 227.707 | 6.62500 | -5.50000 |
| 432 | 227.707 | 6.62500 | -5.87500 |
| 433 | 227.707 | 6.62500 | -6.25000 |
| 434 | 227.707 | 6.62500 | -6.62500 |
| 435 | 227.707 | 6.62500 | -7.00000 |
| 436 | 227.707 | 6.62500 | -7.37500 |
| 437 | 227.707 | 6.62500 | -7.75000 |
| 438 | 227.707 | 6.62500 | -8.12500 |
| 439 | 227.707 | 5.62500 | -10.3000 |
| 440 | 227.707 | 6.62500 | -8.50000 |
| 441 | 227.707 | 9.12500 | -2.50000 |

| | | | |
|-----|---------|---------|----------|
| 442 | 227.707 | 10.1250 | -2.50000 |
| 443 | 227.707 | 2.12500 | -2.50000 |
| 444 | 227.707 | 3.12500 | -2.50000 |
| 445 | 276.287 | 2.12500 | -3.00000 |
| 446 | 276.287 | 2.12500 | -4.25000 |
| 447 | 276.287 | 3.12500 | -3.00000 |
| 448 | 276.287 | 9.12500 | -3.00000 |
| 449 | 276.287 | 9.12500 | -4.25000 |
| 450 | 276.287 | 10.1250 | -3.00000 |
| 451 | 276.287 | 5.62500 | -4.25000 |
| 452 | 275.120 | 2.12500 | -4.25000 |
| 453 | 275.120 | 5.62500 | -4.25000 |
| 454 | 276.287 | 10.2050 | -4.25000 |
| 455 | 275.287 | 9.12500 | -4.25000 |
| 456 | 276.287 | 1.04500 | -4.25000 |
| 457 | 275.287 | 1.04500 | -4.25000 |
| 458 | 276.287 | 5.62500 | -5.50000 |
| 459 | 276.287 | 6.62500 | -4.25000 |
| 460 | 276.287 | 5.62500 | -8.50000 |
| 461 | 276.287 | 5.62500 | -5.87500 |
| 462 | 276.287 | 5.62500 | -6.25000 |
| 463 | 276.287 | 5.62500 | -6.62500 |
| 464 | 276.287 | 5.62500 | -7.00000 |
| 465 | 276.287 | 5.62500 | -7.37500 |
| 466 | 276.287 | 5.62500 | -7.75000 |
| 467 | 276.287 | 5.62500 | -8.12500 |
| 468 | 276.287 | 6.62500 | -5.50000 |
| 469 | 276.287 | 6.62500 | -5.87500 |
| 470 | 276.287 | 6.62500 | -6.25000 |
| 471 | 276.287 | 6.62500 | -6.62500 |
| 472 | 276.287 | 6.62500 | -7.00000 |
| 473 | 276.287 | 6.62500 | -7.37500 |
| 474 | 276.287 | 6.62500 | -7.75000 |
| 475 | 276.287 | 6.62500 | -8.12500 |
| 476 | 276.287 | 5.62500 | -10.3000 |
| 477 | 276.287 | 6.62500 | -8.50000 |
| 478 | 276.287 | 9.12500 | -2.50000 |
| 479 | 276.287 | 10.1250 | -2.50000 |
| 480 | 276.287 | 2.12500 | -2.50000 |
| 481 | 276.287 | 3.12500 | -2.50000 |
| 482 | 324.877 | 2.12500 | -3.00000 |
| 483 | 324.877 | 2.12500 | -4.25000 |
| 484 | 324.877 | 3.12500 | -3.00000 |
| 485 | 324.877 | 9.12500 | -3.00000 |
| 486 | 324.877 | 9.12500 | -4.25000 |
| 487 | 324.877 | 10.1250 | -3.00000 |
| 488 | 324.877 | 5.62500 | -4.25000 |
| 489 | 323.710 | 2.12500 | -4.25000 |
| 490 | 323.710 | 5.62500 | -4.25000 |
| 491 | 324.877 | 10.2050 | -4.25000 |
| 492 | 323.877 | 9.12500 | -4.25000 |
| 493 | 324.877 | 1.04500 | -4.25000 |
| 494 | 323.877 | 1.04500 | -4.25000 |
| 495 | 324.877 | 5.62500 | -5.50000 |
| 496 | 324.877 | 6.62500 | -4.25000 |
| 497 | 324.877 | 5.62500 | -8.75000 |
| 498 | 324.877 | 5.62500 | -5.90625 |
| 499 | 324.877 | 5.62500 | -6.31250 |
| 500 | 324.877 | 5.62500 | -6.71875 |
| 501 | 324.877 | 5.62500 | -7.12500 |
| 502 | 324.877 | 5.62500 | -7.53125 |
| 503 | 324.877 | 5.62500 | -7.93750 |
| 504 | 324.877 | 5.62500 | -8.34375 |
| 505 | 324.877 | 6.62500 | -5.50000 |
| 506 | 324.877 | 6.62500 | -5.90625 |
| 507 | 324.877 | 6.62500 | -6.31250 |
| 508 | 324.877 | 6.62500 | -6.71875 |
| 509 | 324.877 | 6.62500 | -7.12500 |
| 510 | 324.877 | 6.62500 | -7.53125 |
| 511 | 324.877 | 6.62500 | -7.93750 |
| 512 | 324.877 | 6.62500 | -8.34375 |
| 513 | 324.877 | 5.62500 | -10.5500 |
| 514 | 324.877 | 6.62500 | -8.75000 |
| 515 | 324.877 | 9.12500 | -2.50000 |
| 516 | 324.877 | 10.1250 | -2.50000 |
| 517 | 324.877 | 2.12500 | -2.50000 |
| 518 | 324.877 | 3.12500 | -2.50000 |
| 519 | 373.578 | 2.12500 | -3.00000 |
| 520 | 373.578 | 2.12500 | -4.25000 |
| 521 | 373.578 | 3.12500 | -3.00000 |
| 522 | 373.578 | 9.12500 | -3.00000 |
| 523 | 373.578 | 9.12500 | -4.25000 |
| 524 | 373.578 | 10.1250 | -3.00000 |
| 525 | 373.578 | 5.62500 | -4.25000 |
| 526 | 372.411 | 2.12500 | -4.25000 |
| 527 | 372.411 | 5.62500 | -4.25000 |
| 528 | 373.578 | 10.2050 | -4.25000 |
| 529 | 372.578 | 9.12500 | -4.25000 |
| 530 | 373.578 | 1.04500 | -4.25000 |
| 531 | 372.578 | 1.04500 | -4.25000 |
| 532 | 373.578 | 5.62500 | -5.50000 |
| 533 | 373.578 | 6.62500 | -4.25000 |
| 534 | 373.578 | 5.62500 | -8.75000 |
| 535 | 373.578 | 5.62500 | -5.90625 |
| 536 | 373.578 | 5.62500 | -6.31250 |
| 537 | 373.578 | 5.62500 | -6.71875 |
| 538 | 373.578 | 5.62500 | -7.12500 |
| 539 | 373.578 | 5.62500 | -7.53125 |
| 540 | 373.578 | 5.62500 | -7.93750 |
| 541 | 373.578 | 5.62500 | -8.34375 |
| 542 | 373.578 | 6.62500 | -5.50000 |
| 543 | 373.578 | 6.62500 | -5.90625 |
| 544 | 373.578 | 6.62500 | -6.31250 |
| 545 | 373.578 | 6.62500 | -6.71875 |
| 546 | 373.578 | 6.62500 | -7.12500 |

| | | | |
|-----|-----------|---------|--------------|
| 547 | 373.578 | 6.62500 | -7.53125 |
| 548 | 373.578 | 6.62500 | -7.93750 |
| 549 | 373.578 | 6.62500 | -8.34375 |
| 550 | 373.578 | 5.62500 | -10.5500 |
| 551 | 373.578 | 6.62500 | -8.75000 |
| 552 | 373.578 | 9.12500 | -2.50000 |
| 553 | 373.578 | 10.1250 | -2.50000 |
| 554 | 373.578 | 2.12500 | -2.50000 |
| 555 | 373.578 | 3.12500 | -2.50000 |
| 556 | -0.447000 | 2.12500 | -4.25000 |
| 557 | -0.447000 | 5.62500 | -4.25000 |
| 558 | -1.61367 | 2.12500 | -4.25000 |
| 559 | -0.447000 | 9.12500 | -4.25000 |
| 560 | -1.61367 | 5.62500 | -4.25000 |
| 561 | -0.447000 | 10.2050 | -4.25000 |
| 562 | -1.44700 | 9.12500 | -4.25000 |
| 563 | -0.447000 | 1.04500 | -4.25000 |
| 564 | -1.44700 | 1.04500 | -4.25000 |
| 565 | -0.447000 | 5.62500 | -5.50000 |
| 566 | -0.447000 | 6.62500 | -4.25000 |
| 567 | -0.447000 | 5.62500 | -10.3000 |
| 568 | -0.447000 | 5.62500 | -6.10000 |
| 569 | -0.447000 | 5.62500 | -6.70000 |
| 570 | -0.447000 | 5.62500 | -7.30000 |
| 571 | -0.447000 | 5.62500 | -7.90000 |
| 572 | -0.447000 | 5.62500 | -8.50000 |
| 573 | -0.447000 | 5.62500 | -9.10000 |
| 574 | -0.447000 | 5.62500 | -9.70000 |
| 575 | -0.447000 | 6.62500 | -5.50000 |
| 576 | -0.447000 | 6.62500 | -6.10000 |
| 577 | -0.447000 | 6.62500 | -6.70000 |
| 578 | -0.447000 | 6.62500 | -7.30000 |
| 579 | -0.447000 | 6.62500 | -7.90000 |
| 580 | -0.447000 | 6.62500 | -8.50000 |
| 581 | -0.447000 | 6.62500 | -9.10000 |
| 582 | -0.447000 | 6.62500 | -9.70000 |
| 583 | -0.447000 | 5.62500 | -12.3000 |
| 584 | -0.447000 | 6.62500 | -10.3000 |
| 585 | -1.40000 | 9.12500 | -4.25000 |
| 586 | -1.40000 | 10.1250 | -4.25000 |
| 587 | 0.500000 | 9.12500 | -4.25000 |
| 588 | -0.447000 | 10.1250 | -4.25000 |
| 589 | -1.40000 | 2.12500 | -4.25000 |
| 590 | -1.40000 | 3.12500 | -4.25000 |
| 591 | 0.500000 | 2.12500 | -4.25000 |
| 592 | -0.447000 | 3.12500 | -4.25000 |
| 593 | 0.500000 | 2.12500 | -2.50000 |
| 594 | 0.500000 | 2.12500 | -3.00000 |
| 595 | 0.500000 | 3.12500 | -2.50000 |
| 596 | 0.500000 | 3.12500 | -3.00000 |
| 597 | -1.40000 | 2.12500 | -2.50000 |
| 598 | -1.40000 | 2.12500 | -3.00000 |
| 599 | -1.40000 | 3.12500 | -2.50000 |
| 600 | -1.40000 | 3.12500 | -3.00000 |
| 601 | 0.500000 | 9.12500 | -2.50000 |
| 602 | 0.500000 | 9.12500 | -3.00000 |
| 603 | 0.500000 | 10.1250 | -2.50000 |
| 604 | 0.500000 | 10.1250 | -3.00000 |
| 605 | -1.40000 | 9.12500 | -2.50000 |
| 606 | -1.40000 | 9.12500 | -3.00000 |
| 607 | -1.40000 | 10.1250 | -2.50000 |
| 608 | -1.40000 | 10.1250 | -3.00000 |
| 609 | -359.809 | 2.12500 | 0.000000E+00 |
| 610 | -359.809 | 2.12500 | -2.50000 |
| 611 | -359.809 | 3.12500 | 0.000000E+00 |
| 612 | -325.777 | 2.12500 | 0.000000E+00 |
| 613 | -325.777 | 2.12500 | -2.50000 |
| 614 | -325.777 | 3.12500 | 0.000000E+00 |
| 615 | -277.187 | 2.12500 | 0.000000E+00 |
| 616 | -277.187 | 2.12500 | -2.50000 |
| 617 | -277.187 | 3.12500 | 0.000000E+00 |
| 618 | -228.607 | 2.12500 | 0.000000E+00 |
| 619 | -228.607 | 2.12500 | -2.50000 |
| 620 | -228.607 | 3.12500 | 0.000000E+00 |
| 621 | -180.037 | 2.12500 | 0.000000E+00 |
| 622 | -180.037 | 2.12500 | -2.50000 |
| 623 | -180.037 | 3.12500 | 0.000000E+00 |
| 624 | -131.487 | 2.12500 | 0.000000E+00 |
| 625 | -131.487 | 2.12500 | -2.50000 |
| 626 | -131.487 | 3.12500 | 0.000000E+00 |
| 627 | -82.9570 | 2.12500 | 0.000000E+00 |
| 628 | -82.9570 | 2.12500 | -2.50000 |
| 629 | -82.9570 | 3.12500 | 0.000000E+00 |
| 630 | -34.4470 | 2.12500 | 0.000000E+00 |
| 631 | -34.4470 | 2.12500 | -2.50000 |
| 632 | -34.4470 | 3.12500 | 0.000000E+00 |
| 633 | -1.40000 | 2.12500 | 0.000000E+00 |
| 634 | -1.40000 | 2.12500 | -2.50000 |
| 635 | -1.40000 | 3.12500 | 0.000000E+00 |
| 636 | 0.500000 | 2.12500 | 0.000000E+00 |
| 637 | 0.500000 | 2.12500 | -2.50000 |
| 638 | 0.500000 | 3.12500 | 0.000000E+00 |
| 639 | 33.5470 | 2.12500 | 0.000000E+00 |
| 640 | 33.5470 | 2.12500 | -2.50000 |
| 641 | 33.5470 | 3.12500 | 0.000000E+00 |
| 642 | 82.0570 | 2.12500 | 0.000000E+00 |
| 643 | 82.0570 | 2.12500 | -2.50000 |
| 644 | 82.0570 | 3.12500 | 0.000000E+00 |
| 645 | 130.587 | 2.12500 | 0.000000E+00 |
| 646 | 130.587 | 2.12500 | -2.50000 |
| 647 | 130.587 | 3.12500 | 0.000000E+00 |
| 648 | 179.137 | 2.12500 | 0.000000E+00 |
| 649 | 179.137 | 2.12500 | -2.50000 |
| 650 | 179.137 | 3.12500 | 0.000000E+00 |
| 651 | 227.707 | 2.12500 | 0.000000E+00 |

| | | | |
|-----|----------|----------|--------------|
| 652 | 227.707 | 2.12500 | -2.50000 |
| 653 | 227.707 | 3.12500 | 0.000000E+00 |
| 654 | 276.287 | 2.12500 | 0.000000E+00 |
| 655 | 276.287 | 2.12500 | -2.50000 |
| 656 | 276.287 | 3.12500 | 0.000000E+00 |
| 657 | 324.877 | 2.12500 | 0.000000E+00 |
| 658 | 324.877 | 2.12500 | -2.50000 |
| 659 | 324.877 | 3.12500 | 0.000000E+00 |
| 660 | 373.578 | 2.12500 | 0.000000E+00 |
| 661 | 373.578 | 2.12500 | -2.50000 |
| 662 | 373.578 | 3.12500 | 0.000000E+00 |
| 663 | 407.610 | 2.12500 | 0.000000E+00 |
| 664 | 407.610 | 2.12500 | -2.50000 |
| 665 | 407.610 | 3.12500 | 0.000000E+00 |
| 666 | -359.809 | 9.12500 | 0.000000E+00 |
| 667 | -359.809 | 9.12500 | -2.50000 |
| 668 | -359.809 | 10.12500 | 0.000000E+00 |
| 669 | -325.777 | 9.12500 | 0.000000E+00 |
| 670 | -325.777 | 9.12500 | -2.50000 |
| 671 | -325.777 | 10.12500 | 0.000000E+00 |
| 672 | -277.187 | 9.12500 | 0.000000E+00 |
| 673 | -277.187 | 9.12500 | -2.50000 |
| 674 | -277.187 | 10.12500 | 0.000000E+00 |
| 675 | -228.607 | 9.12500 | 0.000000E+00 |
| 676 | -228.607 | 9.12500 | -2.50000 |
| 677 | -228.607 | 10.12500 | 0.000000E+00 |
| 678 | -180.037 | 9.12500 | 0.000000E+00 |
| 679 | -180.037 | 9.12500 | -2.50000 |
| 680 | -180.037 | 10.12500 | 0.000000E+00 |
| 681 | -131.487 | 9.12500 | 0.000000E+00 |
| 682 | -131.487 | 9.12500 | -2.50000 |
| 683 | -131.487 | 10.12500 | 0.000000E+00 |
| 684 | -82.9570 | 9.12500 | 0.000000E+00 |
| 685 | -82.9570 | 9.12500 | -2.50000 |
| 686 | -82.9570 | 10.12500 | 0.000000E+00 |
| 687 | -34.4470 | 9.12500 | 0.000000E+00 |
| 688 | -34.4470 | 9.12500 | -2.50000 |
| 689 | -34.4470 | 10.12500 | 0.000000E+00 |
| 690 | -1.40000 | 9.12500 | 0.000000E+00 |
| 691 | -1.40000 | 9.12500 | -2.50000 |
| 692 | -1.40000 | 10.12500 | 0.000000E+00 |
| 693 | 0.500000 | 9.12500 | 0.000000E+00 |
| 694 | 0.500000 | 9.12500 | -2.50000 |
| 695 | 0.500000 | 10.12500 | 0.000000E+00 |
| 696 | 33.5470 | 9.12500 | 0.000000E+00 |
| 697 | 33.5470 | 9.12500 | -2.50000 |
| 698 | 33.5470 | 10.12500 | 0.000000E+00 |
| 699 | 82.0570 | 9.12500 | 0.000000E+00 |
| 700 | 82.0570 | 9.12500 | -2.50000 |
| 701 | 82.0570 | 10.12500 | 0.000000E+00 |
| 702 | 130.587 | 9.12500 | 0.000000E+00 |
| 703 | 130.587 | 9.12500 | -2.50000 |
| 704 | 130.587 | 10.12500 | 0.000000E+00 |
| 705 | 179.137 | 9.12500 | 0.000000E+00 |
| 706 | 179.137 | 9.12500 | -2.50000 |
| 707 | 179.137 | 10.12500 | 0.000000E+00 |
| 708 | 227.707 | 9.12500 | 0.000000E+00 |
| 709 | 227.707 | 9.12500 | -2.50000 |
| 710 | 227.707 | 10.12500 | 0.000000E+00 |
| 711 | 276.287 | 9.12500 | 0.000000E+00 |
| 712 | 276.287 | 9.12500 | -2.50000 |
| 713 | 276.287 | 10.12500 | 0.000000E+00 |
| 714 | 324.877 | 9.12500 | 0.000000E+00 |
| 715 | 324.877 | 9.12500 | -2.50000 |
| 716 | 324.877 | 10.12500 | 0.000000E+00 |
| 717 | 373.578 | 9.12500 | 0.000000E+00 |
| 718 | 373.578 | 9.12500 | -2.50000 |
| 719 | 373.578 | 10.12500 | 0.000000E+00 |
| 720 | -357.476 | 9.12500 | 0.000000E+00 |
| 721 | 278.620 | 9.12500 | 0.000000E+00 |
| 722 | 327.210 | 9.12500 | 0.000000E+00 |
| 723 | 375.911 | 9.12500 | 0.000000E+00 |
| 724 | 407.610 | 9.12500 | 0.000000E+00 |
| 725 | 409.943 | 9.12500 | 0.000000E+00 |
| 726 | -354.947 | 9.12500 | 0.000000E+00 |
| 727 | -354.947 | 2.12500 | 0.000000E+00 |
| 728 | -352.614 | 9.12500 | 0.000000E+00 |
| 729 | -350.086 | 9.12500 | 0.000000E+00 |
| 730 | -350.086 | 2.12500 | 0.000000E+00 |
| 731 | -347.752 | 9.12500 | 0.000000E+00 |
| 732 | -345.224 | 9.12500 | 0.000000E+00 |
| 733 | -345.224 | 2.12500 | 0.000000E+00 |
| 734 | -342.891 | 9.12500 | 0.000000E+00 |
| 735 | -340.362 | 9.12500 | 0.000000E+00 |
| 736 | -340.362 | 2.12500 | 0.000000E+00 |
| 737 | -338.029 | 9.12500 | 0.000000E+00 |
| 738 | -335.500 | 9.12500 | 0.000000E+00 |
| 739 | -335.500 | 2.12500 | 0.000000E+00 |
| 740 | -333.167 | 9.12500 | 0.000000E+00 |
| 741 | -330.639 | 9.12500 | 0.000000E+00 |
| 742 | -330.639 | 2.12500 | 0.000000E+00 |
| 743 | -328.305 | 9.12500 | 0.000000E+00 |
| 744 | -29.7260 | 9.12500 | 0.000000E+00 |
| 745 | -29.7260 | 2.12500 | 0.000000E+00 |
| 746 | -27.3927 | 9.12500 | 0.000000E+00 |
| 747 | -25.0050 | 9.12500 | 0.000000E+00 |
| 748 | -25.0050 | 2.12500 | 0.000000E+00 |
| 749 | -22.6717 | 9.12500 | 0.000000E+00 |
| 750 | -20.2840 | 9.12500 | 0.000000E+00 |
| 751 | -20.2840 | 2.12500 | 0.000000E+00 |
| 752 | -17.9507 | 9.12500 | 0.000000E+00 |
| 753 | -15.5630 | 9.12500 | 0.000000E+00 |
| 754 | -15.5630 | 2.12500 | 0.000000E+00 |
| 755 | -13.2297 | 9.12500 | 0.000000E+00 |
| 756 | -10.8420 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 757 | -10.8420 | 2.12500 | 0.000000E+00 |
| 758 | -8.50867 | 9.12500 | 0.000000E+00 |
| 759 | -6.12100 | 9.12500 | 0.000000E+00 |
| 760 | -6.12100 | 2.12500 | 0.000000E+00 |
| 761 | -3.78767 | 9.12500 | 0.000000E+00 |
| 762 | 5.22100 | 9.12500 | 0.000000E+00 |
| 763 | 5.22100 | 2.12500 | 0.000000E+00 |
| 764 | 7.55433 | 9.12500 | 0.000000E+00 |
| 765 | 9.94200 | 9.12500 | 0.000000E+00 |
| 766 | 9.94200 | 2.12500 | 0.000000E+00 |
| 767 | 12.2753 | 9.12500 | 0.000000E+00 |
| 768 | 14.6630 | 9.12500 | 0.000000E+00 |
| 769 | 14.6630 | 2.12500 | 0.000000E+00 |
| 770 | 16.9963 | 9.12500 | 0.000000E+00 |
| 771 | 19.3840 | 9.12500 | 0.000000E+00 |
| 772 | 19.3840 | 2.12500 | 0.000000E+00 |
| 773 | 21.7173 | 9.12500 | 0.000000E+00 |
| 774 | 24.1050 | 9.12500 | 0.000000E+00 |
| 775 | 24.1050 | 2.12500 | 0.000000E+00 |
| 776 | 26.4383 | 9.12500 | 0.000000E+00 |
| 777 | 28.8260 | 9.12500 | 0.000000E+00 |
| 778 | 28.8260 | 2.12500 | 0.000000E+00 |
| 779 | 31.1593 | 9.12500 | 0.000000E+00 |
| 780 | 378.440 | 9.12500 | 0.000000E+00 |
| 781 | 378.440 | 2.12500 | 0.000000E+00 |
| 782 | 380.773 | 9.12500 | 0.000000E+00 |
| 783 | 383.301 | 9.12500 | 0.000000E+00 |
| 784 | 383.301 | 2.12500 | 0.000000E+00 |
| 785 | 385.635 | 9.12500 | 0.000000E+00 |
| 786 | 388.163 | 9.12500 | 0.000000E+00 |
| 787 | 388.163 | 2.12500 | 0.000000E+00 |
| 788 | 390.496 | 9.12500 | 0.000000E+00 |
| 789 | 393.025 | 9.12500 | 0.000000E+00 |
| 790 | 393.025 | 2.12500 | 0.000000E+00 |
| 791 | 395.358 | 9.12500 | 0.000000E+00 |
| 792 | 397.887 | 9.12500 | 0.000000E+00 |
| 793 | 397.887 | 2.12500 | 0.000000E+00 |
| 794 | 400.220 | 9.12500 | 0.000000E+00 |
| 795 | 402.748 | 9.12500 | 0.000000E+00 |
| 796 | 402.748 | 2.12500 | 0.000000E+00 |
| 797 | 405.082 | 9.12500 | 0.000000E+00 |
| 798 | -320.918 | 9.12500 | 0.000000E+00 |
| 799 | -320.918 | 2.12500 | 0.000000E+00 |
| 800 | -318.585 | 9.12500 | 0.000000E+00 |
| 801 | -316.059 | 9.12500 | 0.000000E+00 |
| 802 | -316.059 | 2.12500 | 0.000000E+00 |
| 803 | -313.726 | 9.12500 | 0.000000E+00 |
| 804 | -311.200 | 9.12500 | 0.000000E+00 |
| 805 | -311.200 | 2.12500 | 0.000000E+00 |
| 806 | -308.867 | 9.12500 | 0.000000E+00 |
| 807 | -306.341 | 9.12500 | 0.000000E+00 |
| 808 | -306.341 | 2.12500 | 0.000000E+00 |
| 809 | -304.008 | 9.12500 | 0.000000E+00 |
| 810 | -301.482 | 9.12500 | 0.000000E+00 |
| 811 | -301.482 | 2.12500 | 0.000000E+00 |
| 812 | -299.149 | 9.12500 | 0.000000E+00 |
| 813 | -296.623 | 9.12500 | 0.000000E+00 |
| 814 | -296.623 | 2.12500 | 0.000000E+00 |
| 815 | -294.290 | 9.12500 | 0.000000E+00 |
| 816 | -291.764 | 9.12500 | 0.000000E+00 |
| 817 | -291.764 | 2.12500 | 0.000000E+00 |
| 818 | -289.431 | 9.12500 | 0.000000E+00 |
| 819 | -286.905 | 9.12500 | 0.000000E+00 |
| 820 | -286.905 | 2.12500 | 0.000000E+00 |
| 821 | -284.572 | 9.12500 | 0.000000E+00 |
| 822 | -282.046 | 9.12500 | 0.000000E+00 |
| 823 | -282.046 | 2.12500 | 0.000000E+00 |
| 824 | -279.713 | 9.12500 | 0.000000E+00 |
| 825 | -272.329 | 9.12500 | 0.000000E+00 |
| 826 | -272.329 | 2.12500 | 0.000000E+00 |
| 827 | -269.996 | 9.12500 | 0.000000E+00 |
| 828 | -267.471 | 9.12500 | 0.000000E+00 |
| 829 | -267.471 | 2.12500 | 0.000000E+00 |
| 830 | -265.138 | 9.12500 | 0.000000E+00 |
| 831 | -262.613 | 9.12500 | 0.000000E+00 |
| 832 | -262.613 | 2.12500 | 0.000000E+00 |
| 833 | -260.280 | 9.12500 | 0.000000E+00 |
| 834 | -257.755 | 9.12500 | 0.000000E+00 |
| 835 | -257.755 | 2.12500 | 0.000000E+00 |
| 836 | -255.422 | 9.12500 | 0.000000E+00 |
| 837 | -252.897 | 9.12500 | 0.000000E+00 |
| 838 | -252.897 | 2.12500 | 0.000000E+00 |
| 839 | -250.564 | 9.12500 | 0.000000E+00 |
| 840 | -248.039 | 9.12500 | 0.000000E+00 |
| 841 | -248.039 | 2.12500 | 0.000000E+00 |
| 842 | -245.706 | 9.12500 | 0.000000E+00 |
| 843 | -243.181 | 9.12500 | 0.000000E+00 |
| 844 | -243.181 | 2.12500 | 0.000000E+00 |
| 845 | -240.848 | 9.12500 | 0.000000E+00 |
| 846 | -238.323 | 9.12500 | 0.000000E+00 |
| 847 | -238.323 | 2.12500 | 0.000000E+00 |
| 848 | -235.990 | 9.12500 | 0.000000E+00 |
| 849 | -233.465 | 9.12500 | 0.000000E+00 |
| 850 | -233.465 | 2.12500 | 0.000000E+00 |
| 851 | -231.132 | 9.12500 | 0.000000E+00 |
| 852 | -223.750 | 9.12500 | 0.000000E+00 |
| 853 | -223.750 | 2.12500 | 0.000000E+00 |
| 854 | -221.417 | 9.12500 | 0.000000E+00 |
| 855 | -218.893 | 9.12500 | 0.000000E+00 |
| 856 | -218.893 | 2.12500 | 0.000000E+00 |
| 857 | -216.560 | 9.12500 | 0.000000E+00 |
| 858 | -214.036 | 9.12500 | 0.000000E+00 |
| 859 | -214.036 | 2.12500 | 0.000000E+00 |
| 860 | -211.703 | 9.12500 | 0.000000E+00 |
| 861 | -209.179 | 9.12500 | 0.000000E+00 |

| | | | |
|-----|----------|---------|--------------|
| 862 | -209.179 | 2.12500 | 0.000000E+00 |
| 863 | -206.846 | 9.12500 | 0.000000E+00 |
| 864 | -204.322 | 9.12500 | 0.000000E+00 |
| 865 | -204.322 | 2.12500 | 0.000000E+00 |
| 866 | -201.989 | 9.12500 | 0.000000E+00 |
| 867 | -199.465 | 9.12500 | 0.000000E+00 |
| 868 | -199.465 | 2.12500 | 0.000000E+00 |
| 869 | -197.132 | 9.12500 | 0.000000E+00 |
| 870 | -194.608 | 9.12500 | 0.000000E+00 |
| 871 | -194.608 | 2.12500 | 0.000000E+00 |
| 872 | -192.275 | 9.12500 | 0.000000E+00 |
| 873 | -189.751 | 9.12500 | 0.000000E+00 |
| 874 | -189.751 | 2.12500 | 0.000000E+00 |
| 875 | -187.418 | 9.12500 | 0.000000E+00 |
| 876 | -184.894 | 9.12500 | 0.000000E+00 |
| 877 | -184.894 | 2.12500 | 0.000000E+00 |
| 878 | -182.561 | 9.12500 | 0.000000E+00 |
| 879 | -175.182 | 9.12500 | 0.000000E+00 |
| 880 | -175.182 | 2.12500 | 0.000000E+00 |
| 881 | -172.849 | 9.12500 | 0.000000E+00 |
| 882 | -170.327 | 9.12500 | 0.000000E+00 |
| 883 | -170.327 | 2.12500 | 0.000000E+00 |
| 884 | -167.994 | 9.12500 | 0.000000E+00 |
| 885 | -165.472 | 9.12500 | 0.000000E+00 |
| 886 | -165.472 | 2.12500 | 0.000000E+00 |
| 887 | -163.139 | 9.12500 | 0.000000E+00 |
| 888 | -160.617 | 9.12500 | 0.000000E+00 |
| 889 | -160.617 | 2.12500 | 0.000000E+00 |
| 890 | -158.284 | 9.12500 | 0.000000E+00 |
| 891 | -155.762 | 9.12500 | 0.000000E+00 |
| 892 | -155.762 | 2.12500 | 0.000000E+00 |
| 893 | -153.429 | 9.12500 | 0.000000E+00 |
| 894 | -150.907 | 9.12500 | 0.000000E+00 |
| 895 | -150.907 | 2.12500 | 0.000000E+00 |
| 896 | -148.574 | 9.12500 | 0.000000E+00 |
| 897 | -146.052 | 9.12500 | 0.000000E+00 |
| 898 | -146.052 | 2.12500 | 0.000000E+00 |
| 899 | -143.719 | 9.12500 | 0.000000E+00 |
| 900 | -141.197 | 9.12500 | 0.000000E+00 |
| 901 | -141.197 | 2.12500 | 0.000000E+00 |
| 902 | -138.864 | 9.12500 | 0.000000E+00 |
| 903 | -136.342 | 9.12500 | 0.000000E+00 |
| 904 | -136.342 | 2.12500 | 0.000000E+00 |
| 905 | -134.009 | 9.12500 | 0.000000E+00 |
| 906 | -126.634 | 9.12500 | 0.000000E+00 |
| 907 | -126.634 | 2.12500 | 0.000000E+00 |
| 908 | -124.301 | 9.12500 | 0.000000E+00 |
| 909 | -121.781 | 9.12500 | 0.000000E+00 |
| 910 | -121.781 | 2.12500 | 0.000000E+00 |
| 911 | -119.448 | 9.12500 | 0.000000E+00 |
| 912 | -116.928 | 9.12500 | 0.000000E+00 |
| 913 | -116.928 | 2.12500 | 0.000000E+00 |
| 914 | -114.595 | 9.12500 | 0.000000E+00 |
| 915 | -112.075 | 9.12500 | 0.000000E+00 |
| 916 | -112.075 | 2.12500 | 0.000000E+00 |
| 917 | -109.742 | 9.12500 | 0.000000E+00 |
| 918 | -107.222 | 9.12500 | 0.000000E+00 |
| 919 | -107.222 | 2.12500 | 0.000000E+00 |
| 920 | -104.889 | 9.12500 | 0.000000E+00 |
| 921 | -102.369 | 9.12500 | 0.000000E+00 |
| 922 | -102.369 | 2.12500 | 0.000000E+00 |
| 923 | -100.036 | 9.12500 | 0.000000E+00 |
| 924 | -97.5160 | 9.12500 | 0.000000E+00 |
| 925 | -97.5160 | 2.12500 | 0.000000E+00 |
| 926 | -95.1827 | 9.12500 | 0.000000E+00 |
| 927 | -92.6630 | 9.12500 | 0.000000E+00 |
| 928 | -92.6630 | 2.12500 | 0.000000E+00 |
| 929 | -90.3297 | 9.12500 | 0.000000E+00 |
| 930 | -87.8100 | 9.12500 | 0.000000E+00 |
| 931 | -87.8100 | 2.12500 | 0.000000E+00 |
| 932 | -85.4767 | 9.12500 | 0.000000E+00 |
| 933 | -78.1060 | 9.12500 | 0.000000E+00 |
| 934 | -78.1060 | 2.12500 | 0.000000E+00 |
| 935 | -75.7727 | 9.12500 | 0.000000E+00 |
| 936 | -73.2550 | 9.12500 | 0.000000E+00 |
| 937 | -73.2550 | 2.12500 | 0.000000E+00 |
| 938 | -70.9217 | 9.12500 | 0.000000E+00 |
| 939 | -68.4040 | 9.12500 | 0.000000E+00 |
| 940 | -68.4040 | 2.12500 | 0.000000E+00 |
| 941 | -66.0707 | 9.12500 | 0.000000E+00 |
| 942 | -63.5530 | 9.12500 | 0.000000E+00 |
| 943 | -63.5530 | 2.12500 | 0.000000E+00 |
| 944 | -61.2197 | 9.12500 | 0.000000E+00 |
| 945 | -58.7020 | 9.12500 | 0.000000E+00 |
| 946 | -58.7020 | 2.12500 | 0.000000E+00 |
| 947 | -56.3687 | 9.12500 | 0.000000E+00 |
| 948 | -53.8510 | 9.12500 | 0.000000E+00 |
| 949 | -53.8510 | 2.12500 | 0.000000E+00 |
| 950 | -51.5177 | 9.12500 | 0.000000E+00 |
| 951 | -49.0000 | 9.12500 | 0.000000E+00 |
| 952 | -49.0000 | 2.12500 | 0.000000E+00 |
| 953 | -46.6667 | 9.12500 | 0.000000E+00 |
| 954 | -44.1490 | 9.12500 | 0.000000E+00 |
| 955 | -44.1490 | 2.12500 | 0.000000E+00 |
| 956 | -41.8157 | 9.12500 | 0.000000E+00 |
| 957 | -39.2980 | 9.12500 | 0.000000E+00 |
| 958 | -39.2980 | 2.12500 | 0.000000E+00 |
| 959 | -36.9647 | 9.12500 | 0.000000E+00 |
| 960 | 38.3980 | 9.12500 | 0.000000E+00 |
| 961 | 38.3980 | 2.12500 | 0.000000E+00 |
| 962 | 40.7313 | 9.12500 | 0.000000E+00 |
| 963 | 43.2490 | 9.12500 | 0.000000E+00 |
| 964 | 43.2490 | 2.12500 | 0.000000E+00 |
| 965 | 45.5823 | 9.12500 | 0.000000E+00 |
| 966 | 48.1000 | 9.12500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 967 | 48.1000 | 2.12500 | 0.000000E+00 |
| 968 | 50.4333 | 9.12500 | 0.000000E+00 |
| 969 | 52.9510 | 9.12500 | 0.000000E+00 |
| 970 | 52.9510 | 2.12500 | 0.000000E+00 |
| 971 | 55.2843 | 9.12500 | 0.000000E+00 |
| 972 | 57.8020 | 9.12500 | 0.000000E+00 |
| 973 | 57.8020 | 2.12500 | 0.000000E+00 |
| 974 | 60.1353 | 9.12500 | 0.000000E+00 |
| 975 | 62.6530 | 9.12500 | 0.000000E+00 |
| 976 | 62.6530 | 2.12500 | 0.000000E+00 |
| 977 | 64.9863 | 9.12500 | 0.000000E+00 |
| 978 | 67.5040 | 9.12500 | 0.000000E+00 |
| 979 | 67.5040 | 2.12500 | 0.000000E+00 |
| 980 | 69.8373 | 9.12500 | 0.000000E+00 |
| 981 | 72.3550 | 9.12500 | 0.000000E+00 |
| 982 | 72.3550 | 2.12500 | 0.000000E+00 |
| 983 | 74.6883 | 9.12500 | 0.000000E+00 |
| 984 | 77.2060 | 9.12500 | 0.000000E+00 |
| 985 | 77.2060 | 2.12500 | 0.000000E+00 |
| 986 | 79.5393 | 9.12500 | 0.000000E+00 |
| 987 | 86.9100 | 9.12500 | 0.000000E+00 |
| 988 | 86.9100 | 2.12500 | 0.000000E+00 |
| 989 | 89.2433 | 9.12500 | 0.000000E+00 |
| 990 | 91.7630 | 9.12500 | 0.000000E+00 |
| 991 | 91.7630 | 2.12500 | 0.000000E+00 |
| 992 | 94.0963 | 9.12500 | 0.000000E+00 |
| 993 | 96.6160 | 9.12500 | 0.000000E+00 |
| 994 | 96.6160 | 2.12500 | 0.000000E+00 |
| 995 | 98.9493 | 9.12500 | 0.000000E+00 |
| 996 | 101.469 | 9.12500 | 0.000000E+00 |
| 997 | 101.469 | 2.12500 | 0.000000E+00 |
| 998 | 103.802 | 9.12500 | 0.000000E+00 |
| 999 | 106.322 | 9.12500 | 0.000000E+00 |
| 1000 | 106.322 | 2.12500 | 0.000000E+00 |
| 1001 | 108.655 | 9.12500 | 0.000000E+00 |
| 1002 | 111.175 | 9.12500 | 0.000000E+00 |
| 1003 | 111.175 | 2.12500 | 0.000000E+00 |
| 1004 | 113.508 | 9.12500 | 0.000000E+00 |
| 1005 | 116.028 | 9.12500 | 0.000000E+00 |
| 1006 | 116.028 | 2.12500 | 0.000000E+00 |
| 1007 | 118.361 | 9.12500 | 0.000000E+00 |
| 1008 | 120.881 | 9.12500 | 0.000000E+00 |
| 1009 | 120.881 | 2.12500 | 0.000000E+00 |
| 1010 | 123.214 | 9.12500 | 0.000000E+00 |
| 1011 | 125.734 | 9.12500 | 0.000000E+00 |
| 1012 | 125.734 | 2.12500 | 0.000000E+00 |
| 1013 | 128.067 | 9.12500 | 0.000000E+00 |
| 1014 | 135.442 | 9.12500 | 0.000000E+00 |
| 1015 | 135.442 | 2.12500 | 0.000000E+00 |
| 1016 | 137.775 | 9.12500 | 0.000000E+00 |
| 1017 | 140.297 | 9.12500 | 0.000000E+00 |
| 1018 | 140.297 | 2.12500 | 0.000000E+00 |
| 1019 | 142.630 | 9.12500 | 0.000000E+00 |
| 1020 | 145.152 | 9.12500 | 0.000000E+00 |
| 1021 | 145.152 | 2.12500 | 0.000000E+00 |
| 1022 | 147.485 | 9.12500 | 0.000000E+00 |
| 1023 | 150.007 | 9.12500 | 0.000000E+00 |
| 1024 | 150.007 | 2.12500 | 0.000000E+00 |
| 1025 | 152.340 | 9.12500 | 0.000000E+00 |
| 1026 | 154.862 | 9.12500 | 0.000000E+00 |
| 1027 | 154.862 | 2.12500 | 0.000000E+00 |
| 1028 | 157.195 | 9.12500 | 0.000000E+00 |
| 1029 | 159.717 | 9.12500 | 0.000000E+00 |
| 1030 | 159.717 | 2.12500 | 0.000000E+00 |
| 1031 | 162.050 | 9.12500 | 0.000000E+00 |
| 1032 | 164.572 | 9.12500 | 0.000000E+00 |
| 1033 | 164.572 | 2.12500 | 0.000000E+00 |
| 1034 | 166.905 | 9.12500 | 0.000000E+00 |
| 1035 | 169.427 | 9.12500 | 0.000000E+00 |
| 1036 | 169.427 | 2.12500 | 0.000000E+00 |
| 1037 | 171.760 | 9.12500 | 0.000000E+00 |
| 1038 | 174.282 | 9.12500 | 0.000000E+00 |
| 1039 | 174.282 | 2.12500 | 0.000000E+00 |
| 1040 | 176.615 | 9.12500 | 0.000000E+00 |
| 1041 | 183.994 | 9.12500 | 0.000000E+00 |
| 1042 | 183.994 | 2.12500 | 0.000000E+00 |
| 1043 | 186.327 | 9.12500 | 0.000000E+00 |
| 1044 | 188.851 | 9.12500 | 0.000000E+00 |
| 1045 | 188.851 | 2.12500 | 0.000000E+00 |
| 1046 | 191.184 | 9.12500 | 0.000000E+00 |
| 1047 | 193.708 | 9.12500 | 0.000000E+00 |
| 1048 | 193.708 | 2.12500 | 0.000000E+00 |
| 1049 | 196.041 | 9.12500 | 0.000000E+00 |
| 1050 | 198.565 | 9.12500 | 0.000000E+00 |
| 1051 | 198.565 | 2.12500 | 0.000000E+00 |
| 1052 | 200.898 | 9.12500 | 0.000000E+00 |
| 1053 | 203.422 | 9.12500 | 0.000000E+00 |
| 1054 | 203.422 | 2.12500 | 0.000000E+00 |
| 1055 | 205.755 | 9.12500 | 0.000000E+00 |
| 1056 | 208.279 | 9.12500 | 0.000000E+00 |
| 1057 | 208.279 | 2.12500 | 0.000000E+00 |
| 1058 | 210.612 | 9.12500 | 0.000000E+00 |
| 1059 | 213.136 | 9.12500 | 0.000000E+00 |
| 1060 | 213.136 | 2.12500 | 0.000000E+00 |
| 1061 | 215.469 | 9.12500 | 0.000000E+00 |
| 1062 | 217.993 | 9.12500 | 0.000000E+00 |
| 1063 | 217.993 | 2.12500 | 0.000000E+00 |
| 1064 | 220.326 | 9.12500 | 0.000000E+00 |
| 1065 | 222.850 | 9.12500 | 0.000000E+00 |
| 1066 | 222.850 | 2.12500 | 0.000000E+00 |
| 1067 | 225.183 | 9.12500 | 0.000000E+00 |
| 1068 | 232.565 | 9.12500 | 0.000000E+00 |
| 1069 | 232.565 | 2.12500 | 0.000000E+00 |
| 1070 | 234.898 | 9.12500 | 0.000000E+00 |
| 1071 | 237.423 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1072 | 237.423 | 2.12500 | 0.000000E+00 |
| 1073 | 239.756 | 9.12500 | 0.000000E+00 |
| 1074 | 242.281 | 9.12500 | 0.000000E+00 |
| 1075 | 242.281 | 2.12500 | 0.000000E+00 |
| 1076 | 244.614 | 9.12500 | 0.000000E+00 |
| 1077 | 247.139 | 9.12500 | 0.000000E+00 |
| 1078 | 247.139 | 2.12500 | 0.000000E+00 |
| 1079 | 249.472 | 9.12500 | 0.000000E+00 |
| 1080 | 251.997 | 9.12500 | 0.000000E+00 |
| 1081 | 251.997 | 2.12500 | 0.000000E+00 |
| 1082 | 254.330 | 9.12500 | 0.000000E+00 |
| 1083 | 256.855 | 9.12500 | 0.000000E+00 |
| 1084 | 256.855 | 2.12500 | 0.000000E+00 |
| 1085 | 259.188 | 9.12500 | 0.000000E+00 |
| 1086 | 261.713 | 9.12500 | 0.000000E+00 |
| 1087 | 261.713 | 2.12500 | 0.000000E+00 |
| 1088 | 264.046 | 9.12500 | 0.000000E+00 |
| 1089 | 266.571 | 9.12500 | 0.000000E+00 |
| 1090 | 266.571 | 2.12500 | 0.000000E+00 |
| 1091 | 268.904 | 9.12500 | 0.000000E+00 |
| 1092 | 271.429 | 9.12500 | 0.000000E+00 |
| 1093 | 271.429 | 2.12500 | 0.000000E+00 |
| 1094 | 273.762 | 9.12500 | 0.000000E+00 |
| 1095 | 281.146 | 9.12500 | 0.000000E+00 |
| 1096 | 281.146 | 2.12500 | 0.000000E+00 |
| 1097 | 283.479 | 9.12500 | 0.000000E+00 |
| 1098 | 286.005 | 9.12500 | 0.000000E+00 |
| 1099 | 286.005 | 2.12500 | 0.000000E+00 |
| 1100 | 288.338 | 9.12500 | 0.000000E+00 |
| 1101 | 290.864 | 9.12500 | 0.000000E+00 |
| 1102 | 290.864 | 2.12500 | 0.000000E+00 |
| 1103 | 293.197 | 9.12500 | 0.000000E+00 |
| 1104 | 295.723 | 9.12500 | 0.000000E+00 |
| 1105 | 295.723 | 2.12500 | 0.000000E+00 |
| 1106 | 298.056 | 9.12500 | 0.000000E+00 |
| 1107 | 300.582 | 9.12500 | 0.000000E+00 |
| 1108 | 300.582 | 2.12500 | 0.000000E+00 |
| 1109 | 302.915 | 9.12500 | 0.000000E+00 |
| 1110 | 305.441 | 9.12500 | 0.000000E+00 |
| 1111 | 305.441 | 2.12500 | 0.000000E+00 |
| 1112 | 307.774 | 9.12500 | 0.000000E+00 |
| 1113 | 310.300 | 9.12500 | 0.000000E+00 |
| 1114 | 310.300 | 2.12500 | 0.000000E+00 |
| 1115 | 312.633 | 9.12500 | 0.000000E+00 |
| 1116 | 315.159 | 9.12500 | 0.000000E+00 |
| 1117 | 315.159 | 2.12500 | 0.000000E+00 |
| 1118 | 317.492 | 9.12500 | 0.000000E+00 |
| 1119 | 320.018 | 9.12500 | 0.000000E+00 |
| 1120 | 320.018 | 2.12500 | 0.000000E+00 |
| 1121 | 322.351 | 9.12500 | 0.000000E+00 |
| 1122 | 329.747 | 9.12500 | 0.000000E+00 |
| 1123 | 329.747 | 2.12500 | 0.000000E+00 |
| 1124 | 332.080 | 9.12500 | 0.000000E+00 |
| 1125 | 334.617 | 9.12500 | 0.000000E+00 |
| 1126 | 334.617 | 2.12500 | 0.000000E+00 |
| 1127 | 336.951 | 9.12500 | 0.000000E+00 |
| 1128 | 339.487 | 9.12500 | 0.000000E+00 |
| 1129 | 339.487 | 2.12500 | 0.000000E+00 |
| 1130 | 341.821 | 9.12500 | 0.000000E+00 |
| 1131 | 344.357 | 9.12500 | 0.000000E+00 |
| 1132 | 344.357 | 2.12500 | 0.000000E+00 |
| 1133 | 346.691 | 9.12500 | 0.000000E+00 |
| 1134 | 349.227 | 9.12500 | 0.000000E+00 |
| 1135 | 349.227 | 2.12500 | 0.000000E+00 |
| 1136 | 351.561 | 9.12500 | 0.000000E+00 |
| 1137 | 354.098 | 9.12500 | 0.000000E+00 |
| 1138 | 354.098 | 2.12500 | 0.000000E+00 |
| 1139 | 356.431 | 9.12500 | 0.000000E+00 |
| 1140 | 358.968 | 9.12500 | 0.000000E+00 |
| 1141 | 358.968 | 2.12500 | 0.000000E+00 |
| 1142 | 361.301 | 9.12500 | 0.000000E+00 |
| 1143 | 363.838 | 9.12500 | 0.000000E+00 |
| 1144 | 363.838 | 2.12500 | 0.000000E+00 |
| 1145 | 366.171 | 9.12500 | 0.000000E+00 |
| 1146 | 368.708 | 9.12500 | 0.000000E+00 |
| 1147 | 368.708 | 2.12500 | 0.000000E+00 |
| 1148 | 371.041 | 9.12500 | 0.000000E+00 |
| 1149 | -323.444 | 9.12500 | 0.000000E+00 |
| 1150 | -274.854 | 9.12500 | 0.000000E+00 |
| 1151 | -226.274 | 9.12500 | 0.000000E+00 |
| 1152 | -177.704 | 9.12500 | 0.000000E+00 |
| 1153 | -129.154 | 9.12500 | 0.000000E+00 |
| 1154 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1155 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1156 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1157 | 2.833333 | 9.12500 | 0.000000E+00 |
| 1158 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1159 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1160 | 132.920 | 9.12500 | 0.000000E+00 |
| 1161 | 181.470 | 9.12500 | 0.000000E+00 |
| 1162 | 230.040 | 9.12500 | 0.000000E+00 |
| 1163 | -357.476 | 9.12500 | 0.000000E+00 |
| 1164 | 278.620 | 9.12500 | 0.000000E+00 |
| 1165 | 327.210 | 9.12500 | 0.000000E+00 |
| 1166 | 375.911 | 9.12500 | 0.000000E+00 |
| 1167 | -352.614 | 9.12500 | 0.000000E+00 |
| 1168 | -347.752 | 9.12500 | 0.000000E+00 |
| 1169 | -342.891 | 9.12500 | 0.000000E+00 |
| 1170 | -338.029 | 9.12500 | 0.000000E+00 |
| 1171 | -333.167 | 9.12500 | 0.000000E+00 |
| 1172 | -328.305 | 9.12500 | 0.000000E+00 |
| 1173 | -27.3927 | 9.12500 | 0.000000E+00 |
| 1174 | -22.6717 | 9.12500 | 0.000000E+00 |
| 1175 | -17.9507 | 9.12500 | 0.000000E+00 |
| 1176 | -13.2297 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1177 | -8.50867 | 9.12500 | 0.000000E+00 |
| 1178 | -3.78767 | 9.12500 | 0.000000E+00 |
| 1179 | 7.55433 | 9.12500 | 0.000000E+00 |
| 1180 | 12.2753 | 9.12500 | 0.000000E+00 |
| 1181 | 16.9963 | 9.12500 | 0.000000E+00 |
| 1182 | 21.7173 | 9.12500 | 0.000000E+00 |
| 1183 | 26.4383 | 9.12500 | 0.000000E+00 |
| 1184 | 31.1593 | 9.12500 | 0.000000E+00 |
| 1185 | 380.773 | 9.12500 | 0.000000E+00 |
| 1186 | 385.635 | 9.12500 | 0.000000E+00 |
| 1187 | 390.496 | 9.12500 | 0.000000E+00 |
| 1188 | 395.358 | 9.12500 | 0.000000E+00 |
| 1189 | 400.220 | 9.12500 | 0.000000E+00 |
| 1190 | 405.082 | 9.12500 | 0.000000E+00 |
| 1191 | -318.585 | 9.12500 | 0.000000E+00 |
| 1192 | -313.726 | 9.12500 | 0.000000E+00 |
| 1193 | -308.867 | 9.12500 | 0.000000E+00 |
| 1194 | -304.008 | 9.12500 | 0.000000E+00 |
| 1195 | -299.149 | 9.12500 | 0.000000E+00 |
| 1196 | -294.290 | 9.12500 | 0.000000E+00 |
| 1197 | -289.431 | 9.12500 | 0.000000E+00 |
| 1198 | -284.572 | 9.12500 | 0.000000E+00 |
| 1199 | -279.713 | 9.12500 | 0.000000E+00 |
| 1200 | -269.996 | 9.12500 | 0.000000E+00 |
| 1201 | -265.138 | 9.12500 | 0.000000E+00 |
| 1202 | -260.280 | 9.12500 | 0.000000E+00 |
| 1203 | -255.422 | 9.12500 | 0.000000E+00 |
| 1204 | -250.564 | 9.12500 | 0.000000E+00 |
| 1205 | -245.706 | 9.12500 | 0.000000E+00 |
| 1206 | -240.848 | 9.12500 | 0.000000E+00 |
| 1207 | -235.990 | 9.12500 | 0.000000E+00 |
| 1208 | -231.132 | 9.12500 | 0.000000E+00 |
| 1209 | -221.417 | 9.12500 | 0.000000E+00 |
| 1210 | -216.560 | 9.12500 | 0.000000E+00 |
| 1211 | -211.703 | 9.12500 | 0.000000E+00 |
| 1212 | -206.846 | 9.12500 | 0.000000E+00 |
| 1213 | -201.989 | 9.12500 | 0.000000E+00 |
| 1214 | -197.132 | 9.12500 | 0.000000E+00 |
| 1215 | -192.275 | 9.12500 | 0.000000E+00 |
| 1216 | -187.418 | 9.12500 | 0.000000E+00 |
| 1217 | -182.561 | 9.12500 | 0.000000E+00 |
| 1218 | -172.849 | 9.12500 | 0.000000E+00 |
| 1219 | -167.994 | 9.12500 | 0.000000E+00 |
| 1220 | -163.139 | 9.12500 | 0.000000E+00 |
| 1221 | -158.284 | 9.12500 | 0.000000E+00 |
| 1222 | -153.429 | 9.12500 | 0.000000E+00 |
| 1223 | -148.574 | 9.12500 | 0.000000E+00 |
| 1224 | -143.719 | 9.12500 | 0.000000E+00 |
| 1225 | -138.864 | 9.12500 | 0.000000E+00 |
| 1226 | -134.009 | 9.12500 | 0.000000E+00 |
| 1227 | -124.301 | 9.12500 | 0.000000E+00 |
| 1228 | -119.448 | 9.12500 | 0.000000E+00 |
| 1229 | -114.595 | 9.12500 | 0.000000E+00 |
| 1230 | -109.742 | 9.12500 | 0.000000E+00 |
| 1231 | -104.889 | 9.12500 | 0.000000E+00 |
| 1232 | -100.036 | 9.12500 | 0.000000E+00 |
| 1233 | -95.1827 | 9.12500 | 0.000000E+00 |
| 1234 | -90.3297 | 9.12500 | 0.000000E+00 |
| 1235 | -85.4767 | 9.12500 | 0.000000E+00 |
| 1236 | -75.7727 | 9.12500 | 0.000000E+00 |
| 1237 | -70.9217 | 9.12500 | 0.000000E+00 |
| 1238 | -66.0707 | 9.12500 | 0.000000E+00 |
| 1239 | -61.2197 | 9.12500 | 0.000000E+00 |
| 1240 | -56.3687 | 9.12500 | 0.000000E+00 |
| 1241 | -51.5177 | 9.12500 | 0.000000E+00 |
| 1242 | -46.6667 | 9.12500 | 0.000000E+00 |
| 1243 | -41.8157 | 9.12500 | 0.000000E+00 |
| 1244 | -36.9647 | 9.12500 | 0.000000E+00 |
| 1245 | 40.7313 | 9.12500 | 0.000000E+00 |
| 1246 | 45.5823 | 9.12500 | 0.000000E+00 |
| 1247 | 50.4333 | 9.12500 | 0.000000E+00 |
| 1248 | 55.2843 | 9.12500 | 0.000000E+00 |
| 1249 | 60.1353 | 9.12500 | 0.000000E+00 |
| 1250 | 64.9863 | 9.12500 | 0.000000E+00 |
| 1251 | 69.8373 | 9.12500 | 0.000000E+00 |
| 1252 | 74.6883 | 9.12500 | 0.000000E+00 |
| 1253 | 79.5393 | 9.12500 | 0.000000E+00 |
| 1254 | 89.2433 | 9.12500 | 0.000000E+00 |
| 1255 | 94.0963 | 9.12500 | 0.000000E+00 |
| 1256 | 98.9493 | 9.12500 | 0.000000E+00 |
| 1257 | 103.802 | 9.12500 | 0.000000E+00 |
| 1258 | 108.655 | 9.12500 | 0.000000E+00 |
| 1259 | 113.508 | 9.12500 | 0.000000E+00 |
| 1260 | 118.361 | 9.12500 | 0.000000E+00 |
| 1261 | 123.214 | 9.12500 | 0.000000E+00 |
| 1262 | 128.067 | 9.12500 | 0.000000E+00 |
| 1263 | 137.775 | 9.12500 | 0.000000E+00 |
| 1264 | 142.630 | 9.12500 | 0.000000E+00 |
| 1265 | 147.485 | 9.12500 | 0.000000E+00 |
| 1266 | 152.340 | 9.12500 | 0.000000E+00 |
| 1267 | 157.195 | 9.12500 | 0.000000E+00 |
| 1268 | 162.050 | 9.12500 | 0.000000E+00 |
| 1269 | 166.905 | 9.12500 | 0.000000E+00 |
| 1270 | 171.760 | 9.12500 | 0.000000E+00 |
| 1271 | 176.615 | 9.12500 | 0.000000E+00 |
| 1272 | 186.327 | 9.12500 | 0.000000E+00 |
| 1273 | 191.184 | 9.12500 | 0.000000E+00 |
| 1274 | 196.041 | 9.12500 | 0.000000E+00 |
| 1275 | 200.898 | 9.12500 | 0.000000E+00 |
| 1276 | 205.755 | 9.12500 | 0.000000E+00 |
| 1277 | 210.612 | 9.12500 | 0.000000E+00 |
| 1278 | 215.469 | 9.12500 | 0.000000E+00 |
| 1279 | 220.326 | 9.12500 | 0.000000E+00 |
| 1280 | 225.183 | 9.12500 | 0.000000E+00 |
| 1281 | 234.898 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1282 | 239.756 | 9.12500 | 0.000000E+00 |
| 1283 | 244.614 | 9.12500 | 0.000000E+00 |
| 1284 | 249.472 | 9.12500 | 0.000000E+00 |
| 1285 | 254.330 | 9.12500 | 0.000000E+00 |
| 1286 | 259.188 | 9.12500 | 0.000000E+00 |
| 1287 | 264.046 | 9.12500 | 0.000000E+00 |
| 1288 | 268.904 | 9.12500 | 0.000000E+00 |
| 1289 | 273.762 | 9.12500 | 0.000000E+00 |
| 1290 | 283.479 | 9.12500 | 0.000000E+00 |
| 1291 | 288.338 | 9.12500 | 0.000000E+00 |
| 1292 | 293.197 | 9.12500 | 0.000000E+00 |
| 1293 | 298.056 | 9.12500 | 0.000000E+00 |
| 1294 | 302.915 | 9.12500 | 0.000000E+00 |
| 1295 | 307.774 | 9.12500 | 0.000000E+00 |
| 1296 | 312.633 | 9.12500 | 0.000000E+00 |
| 1297 | 317.492 | 9.12500 | 0.000000E+00 |
| 1298 | 322.351 | 9.12500 | 0.000000E+00 |
| 1299 | 332.080 | 9.12500 | 0.000000E+00 |
| 1300 | 336.951 | 9.12500 | 0.000000E+00 |
| 1301 | 341.821 | 9.12500 | 0.000000E+00 |
| 1302 | 346.691 | 9.12500 | 0.000000E+00 |
| 1303 | 351.561 | 9.12500 | 0.000000E+00 |
| 1304 | 356.431 | 9.12500 | 0.000000E+00 |
| 1305 | 361.301 | 9.12500 | 0.000000E+00 |
| 1306 | 366.171 | 9.12500 | 0.000000E+00 |
| 1307 | 371.041 | 9.12500 | 0.000000E+00 |
| 1308 | -323.444 | 9.12500 | 0.000000E+00 |
| 1309 | -274.854 | 9.12500 | 0.000000E+00 |
| 1310 | -226.274 | 9.12500 | 0.000000E+00 |
| 1311 | -177.704 | 9.12500 | 0.000000E+00 |
| 1312 | -129.154 | 9.12500 | 0.000000E+00 |
| 1313 | -80.6237 | 9.12500 | 0.000000E+00 |
| 1314 | -32.1137 | 9.12500 | 0.000000E+00 |
| 1315 | 0.933333 | 9.12500 | 0.000000E+00 |
| 1316 | 2.83333 | 9.12500 | 0.000000E+00 |
| 1317 | 35.8803 | 9.12500 | 0.000000E+00 |
| 1318 | 84.3903 | 9.12500 | 0.000000E+00 |
| 1319 | 132.920 | 9.12500 | 0.000000E+00 |
| 1320 | 181.470 | 9.12500 | 0.000000E+00 |
| 1321 | 230.040 | 9.12500 | 0.000000E+00 |
| 1322 | -359.809 | 0.000000E+00 | 0.000000E+00 |
| 1323 | -358.809 | 2.12500 | 0.000000E+00 |
| 1324 | 276.287 | 0.000000E+00 | 0.000000E+00 |
| 1325 | 277.287 | 2.12500 | 0.000000E+00 |
| 1326 | 324.877 | 0.000000E+00 | 0.000000E+00 |
| 1327 | 325.877 | 2.12500 | 0.000000E+00 |
| 1328 | -354.947 | 0.000000E+00 | 0.000000E+00 |
| 1329 | -353.947 | 2.12500 | 0.000000E+00 |
| 1330 | -350.086 | 0.000000E+00 | 0.000000E+00 |
| 1331 | -349.086 | 2.12500 | 0.000000E+00 |
| 1332 | -345.224 | 0.000000E+00 | 0.000000E+00 |
| 1333 | -344.224 | 2.12500 | 0.000000E+00 |
| 1334 | -340.362 | 0.000000E+00 | 0.000000E+00 |
| 1335 | -339.362 | 2.12500 | 0.000000E+00 |
| 1336 | -335.500 | 0.000000E+00 | 0.000000E+00 |
| 1337 | -334.500 | 2.12500 | 0.000000E+00 |
| 1338 | -330.639 | 0.000000E+00 | 0.000000E+00 |
| 1339 | -329.639 | 2.12500 | 0.000000E+00 |
| 1340 | -29.7260 | 0.000000E+00 | 0.000000E+00 |
| 1341 | -28.7260 | 2.12500 | 0.000000E+00 |
| 1342 | -25.0050 | 0.000000E+00 | 0.000000E+00 |
| 1343 | -24.0050 | 2.12500 | 0.000000E+00 |
| 1344 | -20.2840 | 0.000000E+00 | 0.000000E+00 |
| 1345 | -19.2840 | 2.12500 | 0.000000E+00 |
| 1346 | -15.5630 | 0.000000E+00 | 0.000000E+00 |
| 1347 | -14.5630 | 2.12500 | 0.000000E+00 |
| 1348 | -10.8420 | 0.000000E+00 | 0.000000E+00 |
| 1349 | -9.84200 | 2.12500 | 0.000000E+00 |
| 1350 | -6.12100 | 0.000000E+00 | 0.000000E+00 |
| 1351 | -5.12100 | 2.12500 | 0.000000E+00 |
| 1352 | 5.22100 | 0.000000E+00 | 0.000000E+00 |
| 1353 | 6.22100 | 2.12500 | 0.000000E+00 |
| 1354 | 9.94200 | 0.000000E+00 | 0.000000E+00 |
| 1355 | 10.9420 | 2.12500 | 0.000000E+00 |
| 1356 | 14.6630 | 0.000000E+00 | 0.000000E+00 |
| 1357 | 15.6630 | 2.12500 | 0.000000E+00 |
| 1358 | 19.3840 | 0.000000E+00 | 0.000000E+00 |
| 1359 | 20.3840 | 2.12500 | 0.000000E+00 |
| 1360 | 24.1050 | 0.000000E+00 | 0.000000E+00 |
| 1361 | 25.1050 | 2.12500 | 0.000000E+00 |
| 1362 | 28.8260 | 0.000000E+00 | 0.000000E+00 |
| 1363 | 29.8260 | 2.12500 | 0.000000E+00 |
| 1364 | -320.918 | 0.000000E+00 | 0.000000E+00 |
| 1365 | -319.918 | 2.12500 | 0.000000E+00 |
| 1366 | -316.059 | 0.000000E+00 | 0.000000E+00 |
| 1367 | -315.059 | 2.12500 | 0.000000E+00 |
| 1368 | -311.200 | 0.000000E+00 | 0.000000E+00 |
| 1369 | -310.200 | 2.12500 | 0.000000E+00 |
| 1370 | -306.341 | 0.000000E+00 | 0.000000E+00 |
| 1371 | -305.341 | 2.12500 | 0.000000E+00 |
| 1372 | -301.482 | 0.000000E+00 | 0.000000E+00 |
| 1373 | -300.482 | 2.12500 | 0.000000E+00 |
| 1374 | -296.623 | 0.000000E+00 | 0.000000E+00 |
| 1375 | -295.623 | 2.12500 | 0.000000E+00 |
| 1376 | -291.764 | 0.000000E+00 | 0.000000E+00 |
| 1377 | -290.764 | 2.12500 | 0.000000E+00 |
| 1378 | -286.905 | 0.000000E+00 | 0.000000E+00 |
| 1379 | -285.905 | 2.12500 | 0.000000E+00 |
| 1380 | -282.046 | 0.000000E+00 | 0.000000E+00 |
| 1381 | -281.046 | 2.12500 | 0.000000E+00 |
| 1382 | -272.329 | 0.000000E+00 | 0.000000E+00 |
| 1383 | -271.329 | 2.12500 | 0.000000E+00 |
| 1384 | -267.471 | 0.000000E+00 | 0.000000E+00 |
| 1385 | -266.471 | 2.12500 | 0.000000E+00 |
| 1386 | -262.613 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|----------|--------------|--------------|
| 1387 | -261.613 | 2.12500 | 0.000000E+00 |
| 1388 | -257.755 | 0.000000E+00 | 0.000000E+00 |
| 1389 | -256.755 | 2.12500 | 0.000000E+00 |
| 1390 | -252.897 | 0.000000E+00 | 0.000000E+00 |
| 1391 | -251.897 | 2.12500 | 0.000000E+00 |
| 1392 | -248.039 | 0.000000E+00 | 0.000000E+00 |
| 1393 | -247.039 | 2.12500 | 0.000000E+00 |
| 1394 | -243.181 | 0.000000E+00 | 0.000000E+00 |
| 1395 | -242.181 | 2.12500 | 0.000000E+00 |
| 1396 | -238.323 | 0.000000E+00 | 0.000000E+00 |
| 1397 | -237.323 | 2.12500 | 0.000000E+00 |
| 1398 | -233.465 | 0.000000E+00 | 0.000000E+00 |
| 1399 | -232.465 | 2.12500 | 0.000000E+00 |
| 1400 | -223.750 | 0.000000E+00 | 0.000000E+00 |
| 1401 | -222.750 | 2.12500 | 0.000000E+00 |
| 1402 | -218.893 | 0.000000E+00 | 0.000000E+00 |
| 1403 | -217.893 | 2.12500 | 0.000000E+00 |
| 1404 | -214.036 | 0.000000E+00 | 0.000000E+00 |
| 1405 | -213.036 | 2.12500 | 0.000000E+00 |
| 1406 | -209.179 | 0.000000E+00 | 0.000000E+00 |
| 1407 | -208.179 | 2.12500 | 0.000000E+00 |
| 1408 | -204.322 | 0.000000E+00 | 0.000000E+00 |
| 1409 | -203.322 | 2.12500 | 0.000000E+00 |
| 1410 | -199.465 | 0.000000E+00 | 0.000000E+00 |
| 1411 | -198.465 | 2.12500 | 0.000000E+00 |
| 1412 | -194.608 | 0.000000E+00 | 0.000000E+00 |
| 1413 | -193.608 | 2.12500 | 0.000000E+00 |
| 1414 | -189.751 | 0.000000E+00 | 0.000000E+00 |
| 1415 | -188.751 | 2.12500 | 0.000000E+00 |
| 1416 | -184.894 | 0.000000E+00 | 0.000000E+00 |
| 1417 | -183.894 | 2.12500 | 0.000000E+00 |
| 1418 | -175.182 | 0.000000E+00 | 0.000000E+00 |
| 1419 | -174.182 | 2.12500 | 0.000000E+00 |
| 1420 | -170.327 | 0.000000E+00 | 0.000000E+00 |
| 1421 | -169.327 | 2.12500 | 0.000000E+00 |
| 1422 | -165.472 | 0.000000E+00 | 0.000000E+00 |
| 1423 | -164.472 | 2.12500 | 0.000000E+00 |
| 1424 | -160.617 | 0.000000E+00 | 0.000000E+00 |
| 1425 | -159.617 | 2.12500 | 0.000000E+00 |
| 1426 | -155.762 | 0.000000E+00 | 0.000000E+00 |
| 1427 | -154.762 | 2.12500 | 0.000000E+00 |
| 1428 | -150.907 | 0.000000E+00 | 0.000000E+00 |
| 1429 | -149.907 | 2.12500 | 0.000000E+00 |
| 1430 | -146.052 | 0.000000E+00 | 0.000000E+00 |
| 1431 | -145.052 | 2.12500 | 0.000000E+00 |
| 1432 | -141.197 | 0.000000E+00 | 0.000000E+00 |
| 1433 | -140.197 | 2.12500 | 0.000000E+00 |
| 1434 | -136.342 | 0.000000E+00 | 0.000000E+00 |
| 1435 | -135.342 | 2.12500 | 0.000000E+00 |
| 1436 | -126.634 | 0.000000E+00 | 0.000000E+00 |
| 1437 | -125.634 | 2.12500 | 0.000000E+00 |
| 1438 | -121.781 | 0.000000E+00 | 0.000000E+00 |
| 1439 | -120.781 | 2.12500 | 0.000000E+00 |
| 1440 | -116.928 | 0.000000E+00 | 0.000000E+00 |
| 1441 | -115.928 | 2.12500 | 0.000000E+00 |
| 1442 | -112.075 | 0.000000E+00 | 0.000000E+00 |
| 1443 | -111.075 | 2.12500 | 0.000000E+00 |
| 1444 | -107.222 | 0.000000E+00 | 0.000000E+00 |
| 1445 | -106.222 | 2.12500 | 0.000000E+00 |
| 1446 | -102.369 | 0.000000E+00 | 0.000000E+00 |
| 1447 | -101.369 | 2.12500 | 0.000000E+00 |
| 1448 | -97.5160 | 0.000000E+00 | 0.000000E+00 |
| 1449 | -96.5160 | 2.12500 | 0.000000E+00 |
| 1450 | -92.6630 | 0.000000E+00 | 0.000000E+00 |
| 1451 | -91.6630 | 2.12500 | 0.000000E+00 |
| 1452 | -87.8100 | 0.000000E+00 | 0.000000E+00 |
| 1453 | -86.8100 | 2.12500 | 0.000000E+00 |
| 1454 | -78.1060 | 0.000000E+00 | 0.000000E+00 |
| 1455 | -77.1060 | 2.12500 | 0.000000E+00 |
| 1456 | -73.2550 | 0.000000E+00 | 0.000000E+00 |
| 1457 | -72.2550 | 2.12500 | 0.000000E+00 |
| 1458 | -68.4040 | 0.000000E+00 | 0.000000E+00 |
| 1459 | -67.4040 | 2.12500 | 0.000000E+00 |
| 1460 | -63.5530 | 0.000000E+00 | 0.000000E+00 |
| 1461 | -62.5530 | 2.12500 | 0.000000E+00 |
| 1462 | -58.7020 | 0.000000E+00 | 0.000000E+00 |
| 1463 | -57.7020 | 2.12500 | 0.000000E+00 |
| 1464 | -53.8510 | 0.000000E+00 | 0.000000E+00 |
| 1465 | -52.8510 | 2.12500 | 0.000000E+00 |
| 1466 | -49.0000 | 0.000000E+00 | 0.000000E+00 |
| 1467 | -48.0000 | 2.12500 | 0.000000E+00 |
| 1468 | -44.1490 | 0.000000E+00 | 0.000000E+00 |
| 1469 | -43.1490 | 2.12500 | 0.000000E+00 |
| 1470 | -39.2980 | 0.000000E+00 | 0.000000E+00 |
| 1471 | -38.2980 | 2.12500 | 0.000000E+00 |
| 1472 | 38.3980 | 0.000000E+00 | 0.000000E+00 |
| 1473 | 39.3980 | 2.12500 | 0.000000E+00 |
| 1474 | 43.2490 | 0.000000E+00 | 0.000000E+00 |
| 1475 | 44.2490 | 2.12500 | 0.000000E+00 |
| 1476 | 48.1000 | 0.000000E+00 | 0.000000E+00 |
| 1477 | 49.1000 | 2.12500 | 0.000000E+00 |
| 1478 | 52.9510 | 0.000000E+00 | 0.000000E+00 |
| 1479 | 53.9510 | 2.12500 | 0.000000E+00 |
| 1480 | 57.8020 | 0.000000E+00 | 0.000000E+00 |
| 1481 | 58.8020 | 2.12500 | 0.000000E+00 |
| 1482 | 62.6530 | 0.000000E+00 | 0.000000E+00 |
| 1483 | 63.6530 | 2.12500 | 0.000000E+00 |
| 1484 | 67.5040 | 0.000000E+00 | 0.000000E+00 |
| 1485 | 68.5040 | 2.12500 | 0.000000E+00 |
| 1486 | 72.3550 | 0.000000E+00 | 0.000000E+00 |
| 1487 | 73.3550 | 2.12500 | 0.000000E+00 |
| 1488 | 77.2060 | 0.000000E+00 | 0.000000E+00 |
| 1489 | 78.2060 | 2.12500 | 0.000000E+00 |
| 1490 | 86.9100 | 0.000000E+00 | 0.000000E+00 |
| 1491 | 87.9100 | 2.12500 | 0.000000E+00 |

| | | | |
|------|---------|--------------|--------------|
| 1492 | 91.7630 | 0.000000E+00 | 0.000000E+00 |
| 1493 | 92.7630 | 2.12500 | 0.000000E+00 |
| 1494 | 96.6160 | 0.000000E+00 | 0.000000E+00 |
| 1495 | 97.6160 | 2.12500 | 0.000000E+00 |
| 1496 | 101.469 | 0.000000E+00 | 0.000000E+00 |
| 1497 | 102.469 | 2.12500 | 0.000000E+00 |
| 1498 | 106.322 | 0.000000E+00 | 0.000000E+00 |
| 1499 | 107.322 | 2.12500 | 0.000000E+00 |
| 1500 | 111.175 | 0.000000E+00 | 0.000000E+00 |
| 1501 | 112.175 | 2.12500 | 0.000000E+00 |
| 1502 | 116.028 | 0.000000E+00 | 0.000000E+00 |
| 1503 | 117.028 | 2.12500 | 0.000000E+00 |
| 1504 | 120.881 | 0.000000E+00 | 0.000000E+00 |
| 1505 | 121.881 | 2.12500 | 0.000000E+00 |
| 1506 | 125.734 | 0.000000E+00 | 0.000000E+00 |
| 1507 | 126.734 | 2.12500 | 0.000000E+00 |
| 1508 | 135.442 | 0.000000E+00 | 0.000000E+00 |
| 1509 | 136.442 | 2.12500 | 0.000000E+00 |
| 1510 | 140.297 | 0.000000E+00 | 0.000000E+00 |
| 1511 | 141.297 | 2.12500 | 0.000000E+00 |
| 1512 | 145.152 | 0.000000E+00 | 0.000000E+00 |
| 1513 | 146.152 | 2.12500 | 0.000000E+00 |
| 1514 | 150.007 | 0.000000E+00 | 0.000000E+00 |
| 1515 | 151.007 | 2.12500 | 0.000000E+00 |
| 1516 | 154.862 | 0.000000E+00 | 0.000000E+00 |
| 1517 | 155.862 | 2.12500 | 0.000000E+00 |
| 1518 | 159.717 | 0.000000E+00 | 0.000000E+00 |
| 1519 | 160.717 | 2.12500 | 0.000000E+00 |
| 1520 | 164.572 | 0.000000E+00 | 0.000000E+00 |
| 1521 | 165.572 | 2.12500 | 0.000000E+00 |
| 1522 | 169.427 | 0.000000E+00 | 0.000000E+00 |
| 1523 | 170.427 | 2.12500 | 0.000000E+00 |
| 1524 | 174.282 | 0.000000E+00 | 0.000000E+00 |
| 1525 | 175.282 | 2.12500 | 0.000000E+00 |
| 1526 | 183.994 | 0.000000E+00 | 0.000000E+00 |
| 1527 | 184.994 | 2.12500 | 0.000000E+00 |
| 1528 | 188.851 | 0.000000E+00 | 0.000000E+00 |
| 1529 | 189.851 | 2.12500 | 0.000000E+00 |
| 1530 | 193.708 | 0.000000E+00 | 0.000000E+00 |
| 1531 | 194.708 | 2.12500 | 0.000000E+00 |
| 1532 | 198.565 | 0.000000E+00 | 0.000000E+00 |
| 1533 | 199.565 | 2.12500 | 0.000000E+00 |
| 1534 | 203.422 | 0.000000E+00 | 0.000000E+00 |
| 1535 | 204.422 | 2.12500 | 0.000000E+00 |
| 1536 | 208.279 | 0.000000E+00 | 0.000000E+00 |
| 1537 | 209.279 | 2.12500 | 0.000000E+00 |
| 1538 | 213.136 | 0.000000E+00 | 0.000000E+00 |
| 1539 | 214.136 | 2.12500 | 0.000000E+00 |
| 1540 | 217.993 | 0.000000E+00 | 0.000000E+00 |
| 1541 | 218.993 | 2.12500 | 0.000000E+00 |
| 1542 | 222.850 | 0.000000E+00 | 0.000000E+00 |
| 1543 | 223.850 | 2.12500 | 0.000000E+00 |
| 1544 | 232.565 | 0.000000E+00 | 0.000000E+00 |
| 1545 | 233.565 | 2.12500 | 0.000000E+00 |
| 1546 | 237.423 | 0.000000E+00 | 0.000000E+00 |
| 1547 | 238.423 | 2.12500 | 0.000000E+00 |
| 1548 | 242.281 | 0.000000E+00 | 0.000000E+00 |
| 1549 | 243.281 | 2.12500 | 0.000000E+00 |
| 1550 | 247.139 | 0.000000E+00 | 0.000000E+00 |
| 1551 | 248.139 | 2.12500 | 0.000000E+00 |
| 1552 | 251.997 | 0.000000E+00 | 0.000000E+00 |
| 1553 | 252.997 | 2.12500 | 0.000000E+00 |
| 1554 | 256.855 | 0.000000E+00 | 0.000000E+00 |
| 1555 | 257.855 | 2.12500 | 0.000000E+00 |
| 1556 | 261.713 | 0.000000E+00 | 0.000000E+00 |
| 1557 | 262.713 | 2.12500 | 0.000000E+00 |
| 1558 | 266.571 | 0.000000E+00 | 0.000000E+00 |
| 1559 | 267.571 | 2.12500 | 0.000000E+00 |
| 1560 | 271.429 | 0.000000E+00 | 0.000000E+00 |
| 1561 | 272.429 | 2.12500 | 0.000000E+00 |
| 1562 | 281.146 | 0.000000E+00 | 0.000000E+00 |
| 1563 | 282.146 | 2.12500 | 0.000000E+00 |
| 1564 | 286.005 | 0.000000E+00 | 0.000000E+00 |
| 1565 | 287.005 | 2.12500 | 0.000000E+00 |
| 1566 | 290.864 | 0.000000E+00 | 0.000000E+00 |
| 1567 | 291.864 | 2.12500 | 0.000000E+00 |
| 1568 | 295.723 | 0.000000E+00 | 0.000000E+00 |
| 1569 | 296.723 | 2.12500 | 0.000000E+00 |
| 1570 | 300.582 | 0.000000E+00 | 0.000000E+00 |
| 1571 | 301.582 | 2.12500 | 0.000000E+00 |
| 1572 | 305.441 | 0.000000E+00 | 0.000000E+00 |
| 1573 | 306.441 | 2.12500 | 0.000000E+00 |
| 1574 | 310.300 | 0.000000E+00 | 0.000000E+00 |
| 1575 | 311.300 | 2.12500 | 0.000000E+00 |
| 1576 | 315.159 | 0.000000E+00 | 0.000000E+00 |
| 1577 | 316.159 | 2.12500 | 0.000000E+00 |
| 1578 | 320.018 | 0.000000E+00 | 0.000000E+00 |
| 1579 | 321.018 | 2.12500 | 0.000000E+00 |
| 1580 | 329.747 | 0.000000E+00 | 0.000000E+00 |
| 1581 | 330.747 | 2.12500 | 0.000000E+00 |
| 1582 | 334.617 | 0.000000E+00 | 0.000000E+00 |
| 1583 | 335.617 | 2.12500 | 0.000000E+00 |
| 1584 | 339.487 | 0.000000E+00 | 0.000000E+00 |
| 1585 | 340.487 | 2.12500 | 0.000000E+00 |
| 1586 | 344.357 | 0.000000E+00 | 0.000000E+00 |
| 1587 | 345.357 | 2.12500 | 0.000000E+00 |
| 1588 | 349.227 | 0.000000E+00 | 0.000000E+00 |
| 1589 | 350.227 | 2.12500 | 0.000000E+00 |
| 1590 | 354.098 | 0.000000E+00 | 0.000000E+00 |
| 1591 | 355.098 | 2.12500 | 0.000000E+00 |
| 1592 | 358.968 | 0.000000E+00 | 0.000000E+00 |
| 1593 | 359.968 | 2.12500 | 0.000000E+00 |
| 1594 | 363.838 | 0.000000E+00 | 0.000000E+00 |
| 1595 | 364.838 | 2.12500 | 0.000000E+00 |
| 1596 | 368.708 | 0.000000E+00 | 0.000000E+00 |

| | | | |
|------|-----------|--------------|--------------|
| 1597 | 369.708 | 2.12500 | 0.000000E+00 |
| 1598 | -325.777 | 0.000000E+00 | 0.000000E+00 |
| 1599 | -324.777 | 2.12500 | 0.000000E+00 |
| 1600 | -277.187 | 0.000000E+00 | 0.000000E+00 |
| 1601 | -276.187 | 2.12500 | 0.000000E+00 |
| 1602 | -228.607 | 0.000000E+00 | 0.000000E+00 |
| 1603 | -227.607 | 2.12500 | 0.000000E+00 |
| 1604 | -180.037 | 0.000000E+00 | 0.000000E+00 |
| 1605 | -179.037 | 2.12500 | 0.000000E+00 |
| 1606 | -131.487 | 0.000000E+00 | 0.000000E+00 |
| 1607 | -130.487 | 2.12500 | 0.000000E+00 |
| 1608 | -82.9570 | 0.000000E+00 | 0.000000E+00 |
| 1609 | -81.9570 | 2.12500 | 0.000000E+00 |
| 1610 | -34.4470 | 0.000000E+00 | 0.000000E+00 |
| 1611 | -33.4470 | 2.12500 | 0.000000E+00 |
| 1612 | -1.40000 | 0.000000E+00 | 0.000000E+00 |
| 1613 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1614 | 0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1615 | 1.50000 | 2.12500 | 0.000000E+00 |
| 1616 | 33.5470 | 0.000000E+00 | 0.000000E+00 |
| 1617 | 34.5470 | 2.12500 | 0.000000E+00 |
| 1618 | 82.0570 | 0.000000E+00 | 0.000000E+00 |
| 1619 | 83.0570 | 2.12500 | 0.000000E+00 |
| 1620 | 130.587 | 0.000000E+00 | 0.000000E+00 |
| 1621 | 131.587 | 2.12500 | 0.000000E+00 |
| 1622 | 179.137 | 0.000000E+00 | 0.000000E+00 |
| 1623 | 180.137 | 2.12500 | 0.000000E+00 |
| 1624 | 227.707 | 0.000000E+00 | 0.000000E+00 |
| 1625 | 228.707 | 2.12500 | 0.000000E+00 |
| 1626 | -0.500000 | 2.12500 | 0.000000E+00 |
| 1627 | -0.500000 | 0.000000E+00 | 0.000000E+00 |
| 1628 | 0.500000 | 2.12500 | 0.000000E+00 |
| 1629 | -0.400000 | 2.12500 | 0.000000E+00 |
| 1630 | -0.400000 | 0.000000E+00 | 0.000000E+00 |
| 1631 | 0.600000 | 2.12500 | 0.000000E+00 |
| 1632 | -360.409 | 2.12500 | 0.000000E+00 |
| 1633 | -360.409 | 0.000000E+00 | 0.000000E+00 |
| 1634 | -359.409 | 2.12500 | 0.000000E+00 |
| 1635 | 408.210 | 2.12500 | 0.000000E+00 |
| 1636 | 408.210 | -1.17000 | 0.000000E+00 |
| 1637 | 409.308 | 2.12500 | 0.000000E+00 |
| 1638 | -359.809 | 11.2500 | 0.000000E+00 |
| 1639 | -360.809 | 9.12500 | 0.000000E+00 |
| 1640 | 276.287 | 11.2500 | 0.000000E+00 |
| 1641 | 275.287 | 9.12500 | 0.000000E+00 |
| 1642 | 324.877 | 11.2500 | 0.000000E+00 |
| 1643 | 323.877 | 9.12500 | 0.000000E+00 |
| 1644 | -354.947 | 11.2500 | 0.000000E+00 |
| 1645 | -355.947 | 9.12500 | 0.000000E+00 |
| 1646 | -350.086 | 11.2500 | 0.000000E+00 |
| 1647 | -351.086 | 9.12500 | 0.000000E+00 |
| 1648 | -345.224 | 11.2500 | 0.000000E+00 |
| 1649 | -346.224 | 9.12500 | 0.000000E+00 |
| 1650 | -340.362 | 11.2500 | 0.000000E+00 |
| 1651 | -341.362 | 9.12500 | 0.000000E+00 |
| 1652 | -335.500 | 11.2500 | 0.000000E+00 |
| 1653 | -336.500 | 9.12500 | 0.000000E+00 |
| 1654 | -330.639 | 11.2500 | 0.000000E+00 |
| 1655 | -331.639 | 9.12500 | 0.000000E+00 |
| 1656 | -29.7260 | 11.2500 | 0.000000E+00 |
| 1657 | -30.7260 | 9.12500 | 0.000000E+00 |
| 1658 | -25.0050 | 11.2500 | 0.000000E+00 |
| 1659 | -26.0050 | 9.12500 | 0.000000E+00 |
| 1660 | -20.2840 | 11.2500 | 0.000000E+00 |
| 1661 | -21.2840 | 9.12500 | 0.000000E+00 |
| 1662 | -15.5630 | 11.2500 | 0.000000E+00 |
| 1663 | -16.5630 | 9.12500 | 0.000000E+00 |
| 1664 | -10.8420 | 11.2500 | 0.000000E+00 |
| 1665 | -11.8420 | 9.12500 | 0.000000E+00 |
| 1666 | -6.12100 | 11.2500 | 0.000000E+00 |
| 1667 | -7.12100 | 9.12500 | 0.000000E+00 |
| 1668 | 5.22100 | 11.2500 | 0.000000E+00 |
| 1669 | 4.22100 | 9.12500 | 0.000000E+00 |
| 1670 | 9.94200 | 11.2500 | 0.000000E+00 |
| 1671 | 8.94200 | 9.12500 | 0.000000E+00 |
| 1672 | 14.6630 | 11.2500 | 0.000000E+00 |
| 1673 | 13.6630 | 9.12500 | 0.000000E+00 |
| 1674 | 19.3840 | 11.2500 | 0.000000E+00 |
| 1675 | 18.3840 | 9.12500 | 0.000000E+00 |
| 1676 | 24.1050 | 11.2500 | 0.000000E+00 |
| 1677 | 23.1050 | 9.12500 | 0.000000E+00 |
| 1678 | 28.8260 | 11.2500 | 0.000000E+00 |
| 1679 | 27.8260 | 9.12500 | 0.000000E+00 |
| 1680 | -320.918 | 11.2500 | 0.000000E+00 |
| 1681 | -321.918 | 9.12500 | 0.000000E+00 |
| 1682 | -316.059 | 11.2500 | 0.000000E+00 |
| 1683 | -317.059 | 9.12500 | 0.000000E+00 |
| 1684 | -311.200 | 11.2500 | 0.000000E+00 |
| 1685 | -312.200 | 9.12500 | 0.000000E+00 |
| 1686 | -306.341 | 11.2500 | 0.000000E+00 |
| 1687 | -307.341 | 9.12500 | 0.000000E+00 |
| 1688 | -301.482 | 11.2500 | 0.000000E+00 |
| 1689 | -302.482 | 9.12500 | 0.000000E+00 |
| 1690 | -296.623 | 11.2500 | 0.000000E+00 |
| 1691 | -297.623 | 9.12500 | 0.000000E+00 |
| 1692 | -291.764 | 11.2500 | 0.000000E+00 |
| 1693 | -292.764 | 9.12500 | 0.000000E+00 |
| 1694 | -286.905 | 11.2500 | 0.000000E+00 |
| 1695 | -287.905 | 9.12500 | 0.000000E+00 |
| 1696 | -282.046 | 11.2500 | 0.000000E+00 |
| 1697 | -283.046 | 9.12500 | 0.000000E+00 |
| 1698 | -272.329 | 11.2500 | 0.000000E+00 |
| 1699 | -273.329 | 9.12500 | 0.000000E+00 |
| 1700 | -267.471 | 11.2500 | 0.000000E+00 |
| 1701 | -268.471 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 1702 | -262.613 | 11.2500 | 0.000000E+00 |
| 1703 | -263.613 | 9.12500 | 0.000000E+00 |
| 1704 | -257.755 | 11.2500 | 0.000000E+00 |
| 1705 | -258.755 | 9.12500 | 0.000000E+00 |
| 1706 | -252.897 | 11.2500 | 0.000000E+00 |
| 1707 | -253.897 | 9.12500 | 0.000000E+00 |
| 1708 | -248.039 | 11.2500 | 0.000000E+00 |
| 1709 | -249.039 | 9.12500 | 0.000000E+00 |
| 1710 | -243.181 | 11.2500 | 0.000000E+00 |
| 1711 | -244.181 | 9.12500 | 0.000000E+00 |
| 1712 | -238.323 | 11.2500 | 0.000000E+00 |
| 1713 | -239.323 | 9.12500 | 0.000000E+00 |
| 1714 | -233.465 | 11.2500 | 0.000000E+00 |
| 1715 | -234.465 | 9.12500 | 0.000000E+00 |
| 1716 | -223.750 | 11.2500 | 0.000000E+00 |
| 1717 | -224.750 | 9.12500 | 0.000000E+00 |
| 1718 | -218.893 | 11.2500 | 0.000000E+00 |
| 1719 | -219.893 | 9.12500 | 0.000000E+00 |
| 1720 | -214.036 | 11.2500 | 0.000000E+00 |
| 1721 | -215.036 | 9.12500 | 0.000000E+00 |
| 1722 | -209.179 | 11.2500 | 0.000000E+00 |
| 1723 | -210.179 | 9.12500 | 0.000000E+00 |
| 1724 | -204.322 | 11.2500 | 0.000000E+00 |
| 1725 | -205.322 | 9.12500 | 0.000000E+00 |
| 1726 | -199.465 | 11.2500 | 0.000000E+00 |
| 1727 | -200.465 | 9.12500 | 0.000000E+00 |
| 1728 | -194.608 | 11.2500 | 0.000000E+00 |
| 1729 | -195.608 | 9.12500 | 0.000000E+00 |
| 1730 | -189.751 | 11.2500 | 0.000000E+00 |
| 1731 | -190.751 | 9.12500 | 0.000000E+00 |
| 1732 | -184.894 | 11.2500 | 0.000000E+00 |
| 1733 | -185.894 | 9.12500 | 0.000000E+00 |
| 1734 | -175.182 | 11.2500 | 0.000000E+00 |
| 1735 | -176.182 | 9.12500 | 0.000000E+00 |
| 1736 | -170.327 | 11.2500 | 0.000000E+00 |
| 1737 | -171.327 | 9.12500 | 0.000000E+00 |
| 1738 | -165.472 | 11.2500 | 0.000000E+00 |
| 1739 | -166.472 | 9.12500 | 0.000000E+00 |
| 1740 | -160.617 | 11.2500 | 0.000000E+00 |
| 1741 | -161.617 | 9.12500 | 0.000000E+00 |
| 1742 | -155.762 | 11.2500 | 0.000000E+00 |
| 1743 | -156.762 | 9.12500 | 0.000000E+00 |
| 1744 | -150.907 | 11.2500 | 0.000000E+00 |
| 1745 | -151.907 | 9.12500 | 0.000000E+00 |
| 1746 | -146.052 | 11.2500 | 0.000000E+00 |
| 1747 | -147.052 | 9.12500 | 0.000000E+00 |
| 1748 | -141.197 | 11.2500 | 0.000000E+00 |
| 1749 | -142.197 | 9.12500 | 0.000000E+00 |
| 1750 | -136.342 | 11.2500 | 0.000000E+00 |
| 1751 | -137.342 | 9.12500 | 0.000000E+00 |
| 1752 | -126.634 | 11.2500 | 0.000000E+00 |
| 1753 | -127.634 | 9.12500 | 0.000000E+00 |
| 1754 | -121.781 | 11.2500 | 0.000000E+00 |
| 1755 | -122.781 | 9.12500 | 0.000000E+00 |
| 1756 | -116.928 | 11.2500 | 0.000000E+00 |
| 1757 | -117.928 | 9.12500 | 0.000000E+00 |
| 1758 | -112.075 | 11.2500 | 0.000000E+00 |
| 1759 | -113.075 | 9.12500 | 0.000000E+00 |
| 1760 | -107.222 | 11.2500 | 0.000000E+00 |
| 1761 | -108.222 | 9.12500 | 0.000000E+00 |
| 1762 | -102.369 | 11.2500 | 0.000000E+00 |
| 1763 | -103.369 | 9.12500 | 0.000000E+00 |
| 1764 | -97.5160 | 11.2500 | 0.000000E+00 |
| 1765 | -98.5160 | 9.12500 | 0.000000E+00 |
| 1766 | -92.6630 | 11.2500 | 0.000000E+00 |
| 1767 | -93.6630 | 9.12500 | 0.000000E+00 |
| 1768 | -87.8100 | 11.2500 | 0.000000E+00 |
| 1769 | -88.8100 | 9.12500 | 0.000000E+00 |
| 1770 | -78.1060 | 11.2500 | 0.000000E+00 |
| 1771 | -79.1060 | 9.12500 | 0.000000E+00 |
| 1772 | -73.2550 | 11.2500 | 0.000000E+00 |
| 1773 | -74.2550 | 9.12500 | 0.000000E+00 |
| 1774 | -68.4040 | 11.2500 | 0.000000E+00 |
| 1775 | -69.4040 | 9.12500 | 0.000000E+00 |
| 1776 | -63.5530 | 11.2500 | 0.000000E+00 |
| 1777 | -64.5530 | 9.12500 | 0.000000E+00 |
| 1778 | -58.7020 | 11.2500 | 0.000000E+00 |
| 1779 | -59.7020 | 9.12500 | 0.000000E+00 |
| 1780 | -53.8510 | 11.2500 | 0.000000E+00 |
| 1781 | -54.8510 | 9.12500 | 0.000000E+00 |
| 1782 | -49.0000 | 11.2500 | 0.000000E+00 |
| 1783 | -50.0000 | 9.12500 | 0.000000E+00 |
| 1784 | -44.1490 | 11.2500 | 0.000000E+00 |
| 1785 | -45.1490 | 9.12500 | 0.000000E+00 |
| 1786 | -39.2980 | 11.2500 | 0.000000E+00 |
| 1787 | -40.2980 | 9.12500 | 0.000000E+00 |
| 1788 | 38.3980 | 11.2500 | 0.000000E+00 |
| 1789 | 37.3980 | 9.12500 | 0.000000E+00 |
| 1790 | 43.2490 | 11.2500 | 0.000000E+00 |
| 1791 | 42.2490 | 9.12500 | 0.000000E+00 |
| 1792 | 48.1000 | 11.2500 | 0.000000E+00 |
| 1793 | 47.1000 | 9.12500 | 0.000000E+00 |
| 1794 | 52.9510 | 11.2500 | 0.000000E+00 |
| 1795 | 51.9510 | 9.12500 | 0.000000E+00 |
| 1796 | 57.8020 | 11.2500 | 0.000000E+00 |
| 1797 | 56.8020 | 9.12500 | 0.000000E+00 |
| 1798 | 62.6530 | 11.2500 | 0.000000E+00 |
| 1799 | 61.6530 | 9.12500 | 0.000000E+00 |
| 1800 | 67.5040 | 11.2500 | 0.000000E+00 |
| 1801 | 66.5040 | 9.12500 | 0.000000E+00 |
| 1802 | 72.3550 | 11.2500 | 0.000000E+00 |
| 1803 | 71.3550 | 9.12500 | 0.000000E+00 |
| 1804 | 77.2060 | 11.2500 | 0.000000E+00 |
| 1805 | 76.2060 | 9.12500 | 0.000000E+00 |
| 1806 | 86.9100 | 11.2500 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 1807 | 85.9100 | 9.12500 | 0.000000E+00 |
| 1808 | 91.7630 | 11.2500 | 0.000000E+00 |
| 1809 | 90.7630 | 9.12500 | 0.000000E+00 |
| 1810 | 96.6160 | 11.2500 | 0.000000E+00 |
| 1811 | 95.6160 | 9.12500 | 0.000000E+00 |
| 1812 | 101.469 | 11.2500 | 0.000000E+00 |
| 1813 | 100.469 | 9.12500 | 0.000000E+00 |
| 1814 | 106.322 | 11.2500 | 0.000000E+00 |
| 1815 | 105.322 | 9.12500 | 0.000000E+00 |
| 1816 | 111.175 | 11.2500 | 0.000000E+00 |
| 1817 | 110.175 | 9.12500 | 0.000000E+00 |
| 1818 | 116.028 | 11.2500 | 0.000000E+00 |
| 1819 | 115.028 | 9.12500 | 0.000000E+00 |
| 1820 | 120.881 | 11.2500 | 0.000000E+00 |
| 1821 | 119.881 | 9.12500 | 0.000000E+00 |
| 1822 | 125.734 | 11.2500 | 0.000000E+00 |
| 1823 | 124.734 | 9.12500 | 0.000000E+00 |
| 1824 | 135.442 | 11.2500 | 0.000000E+00 |
| 1825 | 134.442 | 9.12500 | 0.000000E+00 |
| 1826 | 140.297 | 11.2500 | 0.000000E+00 |
| 1827 | 139.297 | 9.12500 | 0.000000E+00 |
| 1828 | 145.152 | 11.2500 | 0.000000E+00 |
| 1829 | 144.152 | 9.12500 | 0.000000E+00 |
| 1830 | 150.007 | 11.2500 | 0.000000E+00 |
| 1831 | 149.007 | 9.12500 | 0.000000E+00 |
| 1832 | 154.862 | 11.2500 | 0.000000E+00 |
| 1833 | 153.862 | 9.12500 | 0.000000E+00 |
| 1834 | 159.717 | 11.2500 | 0.000000E+00 |
| 1835 | 158.717 | 9.12500 | 0.000000E+00 |
| 1836 | 164.572 | 11.2500 | 0.000000E+00 |
| 1837 | 163.572 | 9.12500 | 0.000000E+00 |
| 1838 | 169.427 | 11.2500 | 0.000000E+00 |
| 1839 | 168.427 | 9.12500 | 0.000000E+00 |
| 1840 | 174.282 | 11.2500 | 0.000000E+00 |
| 1841 | 173.282 | 9.12500 | 0.000000E+00 |
| 1842 | 183.994 | 11.2500 | 0.000000E+00 |
| 1843 | 182.994 | 9.12500 | 0.000000E+00 |
| 1844 | 188.851 | 11.2500 | 0.000000E+00 |
| 1845 | 187.851 | 9.12500 | 0.000000E+00 |
| 1846 | 193.708 | 11.2500 | 0.000000E+00 |
| 1847 | 192.708 | 9.12500 | 0.000000E+00 |
| 1848 | 198.565 | 11.2500 | 0.000000E+00 |
| 1849 | 197.565 | 9.12500 | 0.000000E+00 |
| 1850 | 203.422 | 11.2500 | 0.000000E+00 |
| 1851 | 202.422 | 9.12500 | 0.000000E+00 |
| 1852 | 208.279 | 11.2500 | 0.000000E+00 |
| 1853 | 207.279 | 9.12500 | 0.000000E+00 |
| 1854 | 213.136 | 11.2500 | 0.000000E+00 |
| 1855 | 212.136 | 9.12500 | 0.000000E+00 |
| 1856 | 217.993 | 11.2500 | 0.000000E+00 |
| 1857 | 216.993 | 9.12500 | 0.000000E+00 |
| 1858 | 222.850 | 11.2500 | 0.000000E+00 |
| 1859 | 221.850 | 9.12500 | 0.000000E+00 |
| 1860 | 232.565 | 11.2500 | 0.000000E+00 |
| 1861 | 231.565 | 9.12500 | 0.000000E+00 |
| 1862 | 237.423 | 11.2500 | 0.000000E+00 |
| 1863 | 236.423 | 9.12500 | 0.000000E+00 |
| 1864 | 242.281 | 11.2500 | 0.000000E+00 |
| 1865 | 241.281 | 9.12500 | 0.000000E+00 |
| 1866 | 247.139 | 11.2500 | 0.000000E+00 |
| 1867 | 246.139 | 9.12500 | 0.000000E+00 |
| 1868 | 251.997 | 11.2500 | 0.000000E+00 |
| 1869 | 250.997 | 9.12500 | 0.000000E+00 |
| 1870 | 256.855 | 11.2500 | 0.000000E+00 |
| 1871 | 255.855 | 9.12500 | 0.000000E+00 |
| 1872 | 261.713 | 11.2500 | 0.000000E+00 |
| 1873 | 260.713 | 9.12500 | 0.000000E+00 |
| 1874 | 266.571 | 11.2500 | 0.000000E+00 |
| 1875 | 265.571 | 9.12500 | 0.000000E+00 |
| 1876 | 271.429 | 11.2500 | 0.000000E+00 |
| 1877 | 270.429 | 9.12500 | 0.000000E+00 |
| 1878 | 281.146 | 11.2500 | 0.000000E+00 |
| 1879 | 280.146 | 9.12500 | 0.000000E+00 |
| 1880 | 286.005 | 11.2500 | 0.000000E+00 |
| 1881 | 285.005 | 9.12500 | 0.000000E+00 |
| 1882 | 290.864 | 11.2500 | 0.000000E+00 |
| 1883 | 289.864 | 9.12500 | 0.000000E+00 |
| 1884 | 295.723 | 11.2500 | 0.000000E+00 |
| 1885 | 294.723 | 9.12500 | 0.000000E+00 |
| 1886 | 300.582 | 11.2500 | 0.000000E+00 |
| 1887 | 299.582 | 9.12500 | 0.000000E+00 |
| 1888 | 305.441 | 11.2500 | 0.000000E+00 |
| 1889 | 304.441 | 9.12500 | 0.000000E+00 |
| 1890 | 310.300 | 11.2500 | 0.000000E+00 |
| 1891 | 309.300 | 9.12500 | 0.000000E+00 |
| 1892 | 315.159 | 11.2500 | 0.000000E+00 |
| 1893 | 314.159 | 9.12500 | 0.000000E+00 |
| 1894 | 320.018 | 11.2500 | 0.000000E+00 |
| 1895 | 319.018 | 9.12500 | 0.000000E+00 |
| 1896 | 329.747 | 11.2500 | 0.000000E+00 |
| 1897 | 328.747 | 9.12500 | 0.000000E+00 |
| 1898 | 334.617 | 11.2500 | 0.000000E+00 |
| 1899 | 333.617 | 9.12500 | 0.000000E+00 |
| 1900 | 339.487 | 11.2500 | 0.000000E+00 |
| 1901 | 338.487 | 9.12500 | 0.000000E+00 |
| 1902 | 344.357 | 11.2500 | 0.000000E+00 |
| 1903 | 343.357 | 9.12500 | 0.000000E+00 |
| 1904 | 349.227 | 11.2500 | 0.000000E+00 |
| 1905 | 348.227 | 9.12500 | 0.000000E+00 |
| 1906 | 354.098 | 11.2500 | 0.000000E+00 |
| 1907 | 353.098 | 9.12500 | 0.000000E+00 |
| 1908 | 358.968 | 11.2500 | 0.000000E+00 |
| 1909 | 357.968 | 9.12500 | 0.000000E+00 |
| 1910 | 363.838 | 11.2500 | 0.000000E+00 |
| 1911 | 362.838 | 9.12500 | 0.000000E+00 |

| | | | |
|------|-----------|-----------|--------------|
| 1912 | 368.708 | 11.2500 | 0.000000E+00 |
| 1913 | 367.708 | 9.12500 | 0.000000E+00 |
| 1914 | -325.777 | 11.2500 | 0.000000E+00 |
| 1915 | -326.777 | 9.12500 | 0.000000E+00 |
| 1916 | -277.187 | 11.2500 | 0.000000E+00 |
| 1917 | -278.187 | 9.12500 | 0.000000E+00 |
| 1918 | -228.607 | 11.2500 | 0.000000E+00 |
| 1919 | -229.607 | 9.12500 | 0.000000E+00 |
| 1920 | -180.037 | 11.2500 | 0.000000E+00 |
| 1921 | -181.037 | 9.12500 | 0.000000E+00 |
| 1922 | -131.487 | 11.2500 | 0.000000E+00 |
| 1923 | -132.487 | 9.12500 | 0.000000E+00 |
| 1924 | -82.9570 | 11.2500 | 0.000000E+00 |
| 1925 | -83.9570 | 9.12500 | 0.000000E+00 |
| 1926 | -34.4470 | 11.2500 | 0.000000E+00 |
| 1927 | -35.4470 | 9.12500 | 0.000000E+00 |
| 1928 | -1.40000 | 11.2500 | 0.000000E+00 |
| 1929 | -2.40000 | 9.12500 | 0.000000E+00 |
| 1930 | 0.500000 | 11.2500 | 0.000000E+00 |
| 1931 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1932 | 33.5470 | 11.2500 | 0.000000E+00 |
| 1933 | 32.5470 | 9.12500 | 0.000000E+00 |
| 1934 | 82.0570 | 11.2500 | 0.000000E+00 |
| 1935 | 81.0570 | 9.12500 | 0.000000E+00 |
| 1936 | 130.587 | 11.2500 | 0.000000E+00 |
| 1937 | 129.587 | 9.12500 | 0.000000E+00 |
| 1938 | 179.137 | 11.2500 | 0.000000E+00 |
| 1939 | 178.137 | 9.12500 | 0.000000E+00 |
| 1940 | 227.707 | 11.2500 | 0.000000E+00 |
| 1941 | 226.707 | 9.12500 | 0.000000E+00 |
| 1942 | -0.500000 | 9.12500 | 0.000000E+00 |
| 1943 | -0.500000 | 11.2500 | 0.000000E+00 |
| 1944 | -1.50000 | 9.12500 | 0.000000E+00 |
| 1945 | -0.400000 | 9.12500 | 0.000000E+00 |
| 1946 | -0.400000 | 11.2500 | 0.000000E+00 |
| 1947 | -1.40000 | 9.12500 | 0.000000E+00 |
| 1948 | -360.409 | 9.12500 | 0.000000E+00 |
| 1949 | -360.409 | 11.2500 | 0.000000E+00 |
| 1950 | -361.409 | 9.12500 | 0.000000E+00 |
| 1951 | 408.210 | 9.12500 | 0.000000E+00 |
| 1952 | 408.210 | 12.4200 | 0.000000E+00 |
| 1953 | 407.112 | 9.12500 | 0.000000E+00 |
| 1954 | 373.578 | 11.3942 | 0.000000E+00 |
| 1955 | 372.578 | 9.12500 | 0.000000E+00 |
| 1956 | 378.440 | 11.5382 | 0.000000E+00 |
| 1957 | 377.440 | 9.12500 | 0.000000E+00 |
| 1958 | 383.301 | 11.6822 | 0.000000E+00 |
| 1959 | 382.301 | 9.12500 | 0.000000E+00 |
| 1960 | 409.943 | 9.12500 | 0.000000E+00 |
| 1961 | 388.163 | 11.8262 | 0.000000E+00 |
| 1962 | 387.163 | 9.12500 | 0.000000E+00 |
| 1963 | 393.025 | 11.9702 | 0.000000E+00 |
| 1964 | 392.025 | 9.12500 | 0.000000E+00 |
| 1965 | 397.887 | 12.1142 | 0.000000E+00 |
| 1966 | 396.887 | 9.12500 | 0.000000E+00 |
| 1967 | 402.748 | 12.2582 | 0.000000E+00 |
| 1968 | 401.704 | 9.12500 | 0.000000E+00 |
| 1969 | 407.610 | 12.4022 | 0.000000E+00 |
| 1970 | 406.518 | 9.12500 | 0.000000E+00 |
| 1971 | 373.578 | -0.144246 | 0.000000E+00 |
| 1972 | 374.578 | 2.12500 | 0.000000E+00 |
| 1973 | 378.440 | -0.288243 | 0.000000E+00 |
| 1974 | 379.440 | 2.12500 | 0.000000E+00 |
| 1975 | 383.301 | -0.432241 | 0.000000E+00 |
| 1976 | 384.301 | 2.12500 | 0.000000E+00 |
| 1977 | 388.163 | -0.576239 | 0.000000E+00 |
| 1978 | 389.163 | 2.12500 | 0.000000E+00 |
| 1979 | 393.025 | -0.720236 | 0.000000E+00 |
| 1980 | 394.025 | 2.12500 | 0.000000E+00 |
| 1981 | 397.887 | -0.864234 | 0.000000E+00 |
| 1982 | 398.887 | 2.12500 | 0.000000E+00 |
| 1983 | 402.748 | -1.00823 | 0.000000E+00 |
| 1984 | 403.793 | 2.12500 | 0.000000E+00 |
| 1985 | 407.610 | -1.15223 | 0.000000E+00 |
| 1986 | 408.702 | 2.12500 | 0.000000E+00 |
| 1987 | 399.602 | 2.12500 | 0.000000E+00 |
| 1988 | 399.602 | 3.17376 | 0.000000E+00 |
| 1989 | 402.748 | 3.74557 | 0.000000E+00 |
| 1990 | 389.593 | 2.12500 | 0.000000E+00 |
| 1991 | 389.593 | 3.26895 | 0.000000E+00 |
| 1992 | 397.887 | 3.12500 | 0.000000E+00 |
| 1993 | 393.025 | 3.74557 | 0.000000E+00 |
| 1994 | 379.584 | 2.12500 | 0.000000E+00 |
| 1995 | 379.584 | 3.36414 | 0.000000E+00 |
| 1996 | 388.163 | 3.12500 | 0.000000E+00 |
| 1997 | 383.301 | 3.74557 | 0.000000E+00 |
| 1998 | 373.578 | 3.74557 | 0.000000E+00 |
| 1999 | 378.440 | 3.12500 | 0.000000E+00 |
| 2000 | 367.574 | 2.12500 | 0.000000E+00 |
| 2001 | 367.574 | 3.12500 | 0.000000E+00 |
| 2002 | 368.708 | 3.74837 | 0.000000E+00 |
| 2003 | 355.186 | 2.12500 | 0.000000E+00 |
| 2004 | 355.186 | 3.38557 | 0.000000E+00 |
| 2005 | 363.838 | 3.37040 | 0.000000E+00 |
| 2006 | 358.968 | 3.74837 | 0.000000E+00 |
| 2007 | 343.163 | 2.12500 | 0.000000E+00 |
| 2008 | 343.163 | 3.12500 | 0.000000E+00 |
| 2009 | 354.098 | 3.12500 | 0.000000E+00 |
| 2010 | 349.227 | 3.74837 | 0.000000E+00 |
| 2011 | 344.357 | 3.74837 | 0.000000E+00 |
| 2012 | 330.890 | 2.12500 | 0.000000E+00 |
| 2013 | 330.890 | 3.36740 | 0.000000E+00 |
| 2014 | 339.487 | 3.35023 | 0.000000E+00 |
| 2015 | 334.617 | 3.74837 | 0.000000E+00 |
| 2016 | 324.877 | 3.74837 | 0.000000E+00 |

| | | | |
|------|---------|---------|--------------|
| 2017 | 329.747 | 3.12500 | 0.000000E+00 |
| 2018 | 318.866 | 2.12500 | 0.000000E+00 |
| 2019 | 318.866 | 3.12500 | 0.000000E+00 |
| 2020 | 320.018 | 3.74467 | 0.000000E+00 |
| 2021 | 306.593 | 2.12500 | 0.000000E+00 |
| 2022 | 306.593 | 3.36067 | 0.000000E+00 |
| 2023 | 315.159 | 3.36067 | 0.000000E+00 |
| 2024 | 310.300 | 3.74467 | 0.000000E+00 |
| 2025 | 294.571 | 2.12500 | 0.000000E+00 |
| 2026 | 294.571 | 3.12500 | 0.000000E+00 |
| 2027 | 305.441 | 3.12500 | 0.000000E+00 |
| 2028 | 300.582 | 3.74467 | 0.000000E+00 |
| 2029 | 295.723 | 3.74467 | 0.000000E+00 |
| 2030 | 282.298 | 2.12500 | 0.000000E+00 |
| 2031 | 282.298 | 3.36067 | 0.000000E+00 |
| 2032 | 290.864 | 3.36067 | 0.000000E+00 |
| 2033 | 286.005 | 3.74467 | 0.000000E+00 |
| 2034 | 276.287 | 3.74467 | 0.000000E+00 |
| 2035 | 281.146 | 3.12500 | 0.000000E+00 |
| 2036 | 270.278 | 2.12500 | 0.000000E+00 |
| 2037 | 270.278 | 3.12500 | 0.000000E+00 |
| 2038 | 271.429 | 3.74433 | 0.000000E+00 |
| 2039 | 258.007 | 2.12500 | 0.000000E+00 |
| 2040 | 258.007 | 3.36033 | 0.000000E+00 |
| 2041 | 266.571 | 3.36067 | 0.000000E+00 |
| 2042 | 261.713 | 3.74433 | 0.000000E+00 |
| 2043 | 245.987 | 2.12500 | 0.000000E+00 |
| 2044 | 245.987 | 3.12500 | 0.000000E+00 |
| 2045 | 256.855 | 3.12500 | 0.000000E+00 |
| 2046 | 251.997 | 3.74433 | 0.000000E+00 |
| 2047 | 247.139 | 3.74433 | 0.000000E+00 |
| 2048 | 233.716 | 2.12500 | 0.000000E+00 |
| 2049 | 233.716 | 3.36067 | 0.000000E+00 |
| 2050 | 242.281 | 3.36033 | 0.000000E+00 |
| 2051 | 237.423 | 3.74433 | 0.000000E+00 |
| 2052 | 227.707 | 3.74433 | 0.000000E+00 |
| 2053 | 232.565 | 3.12500 | 0.000000E+00 |
| 2054 | 221.697 | 2.12500 | 0.000000E+00 |
| 2055 | 221.697 | 3.12500 | 0.000000E+00 |
| 2056 | 222.850 | 3.74400 | 0.000000E+00 |
| 2057 | 209.430 | 2.12500 | 0.000000E+00 |
| 2058 | 209.430 | 3.36033 | 0.000000E+00 |
| 2059 | 217.993 | 3.35967 | 0.000000E+00 |
| 2060 | 213.136 | 3.74400 | 0.000000E+00 |
| 2061 | 197.414 | 2.12500 | 0.000000E+00 |
| 2062 | 197.414 | 3.12500 | 0.000000E+00 |
| 2063 | 208.279 | 3.12500 | 0.000000E+00 |
| 2064 | 203.422 | 3.74400 | 0.000000E+00 |
| 2065 | 198.565 | 3.74400 | 0.000000E+00 |
| 2066 | 185.147 | 2.12500 | 0.000000E+00 |
| 2067 | 185.147 | 3.35967 | 0.000000E+00 |
| 2068 | 193.708 | 3.36033 | 0.000000E+00 |
| 2069 | 188.851 | 3.74400 | 0.000000E+00 |
| 2070 | 179.137 | 3.74400 | 0.000000E+00 |
| 2071 | 183.994 | 3.12500 | 0.000000E+00 |
| 2072 | 173.130 | 2.12500 | 0.000000E+00 |
| 2073 | 173.130 | 3.12500 | 0.000000E+00 |
| 2074 | 174.282 | 3.74333 | 0.000000E+00 |
| 2075 | 160.868 | 2.12500 | 0.000000E+00 |
| 2076 | 160.868 | 3.35967 | 0.000000E+00 |
| 2077 | 169.427 | 3.35933 | 0.000000E+00 |
| 2078 | 164.572 | 3.74333 | 0.000000E+00 |
| 2079 | 148.856 | 2.12500 | 0.000000E+00 |
| 2080 | 148.856 | 3.12500 | 0.000000E+00 |
| 2081 | 159.717 | 3.12500 | 0.000000E+00 |
| 2082 | 154.862 | 3.74333 | 0.000000E+00 |
| 2083 | 150.007 | 3.74333 | 0.000000E+00 |
| 2084 | 136.594 | 2.12500 | 0.000000E+00 |
| 2085 | 136.594 | 3.35933 | 0.000000E+00 |
| 2086 | 145.152 | 3.35967 | 0.000000E+00 |
| 2087 | 140.297 | 3.74333 | 0.000000E+00 |
| 2088 | 130.587 | 3.74333 | 0.000000E+00 |
| 2089 | 135.442 | 3.12500 | 0.000000E+00 |
| 2090 | 124.582 | 2.12500 | 0.000000E+00 |
| 2091 | 124.582 | 3.12500 | 0.000000E+00 |
| 2092 | 125.734 | 3.74267 | 0.000000E+00 |
| 2093 | 112.325 | 2.12500 | 0.000000E+00 |
| 2094 | 112.325 | 3.35933 | 0.000000E+00 |
| 2095 | 120.881 | 3.35867 | 0.000000E+00 |
| 2096 | 116.028 | 3.74267 | 0.000000E+00 |
| 2097 | 100.318 | 2.12500 | 0.000000E+00 |
| 2098 | 100.318 | 3.12500 | 0.000000E+00 |
| 2099 | 111.175 | 3.12500 | 0.000000E+00 |
| 2100 | 106.322 | 3.74267 | 0.000000E+00 |
| 2101 | 101.469 | 3.74267 | 0.000000E+00 |
| 2102 | 88.0610 | 2.12500 | 0.000000E+00 |
| 2103 | 88.0610 | 3.35900 | 0.000000E+00 |
| 2104 | 96.6160 | 3.35900 | 0.000000E+00 |
| 2105 | 91.7630 | 3.74267 | 0.000000E+00 |
| 2106 | 82.0570 | 3.74267 | 0.000000E+00 |
| 2107 | 86.9100 | 3.12500 | 0.000000E+00 |
| 2108 | 76.0550 | 2.12500 | 0.000000E+00 |
| 2109 | 76.0550 | 3.12500 | 0.000000E+00 |
| 2110 | 77.2060 | 3.74200 | 0.000000E+00 |
| 2111 | 63.8030 | 2.12500 | 0.000000E+00 |
| 2112 | 63.8030 | 3.35867 | 0.000000E+00 |
| 2113 | 72.3550 | 3.35833 | 0.000000E+00 |
| 2114 | 67.5040 | 3.74200 | 0.000000E+00 |
| 2115 | 51.8010 | 2.12500 | 0.000000E+00 |
| 2116 | 51.8010 | 3.12500 | 0.000000E+00 |
| 2117 | 62.6530 | 3.12500 | 0.000000E+00 |
| 2118 | 57.8020 | 3.74200 | 0.000000E+00 |
| 2119 | 52.9510 | 3.74200 | 0.000000E+00 |
| 2120 | 39.5490 | 2.12500 | 0.000000E+00 |
| 2121 | 39.5490 | 3.35833 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2122 | 48.1000 | 3.35867 | 0.000000E+00 |
| 2123 | 43.2490 | 3.74200 | 0.000000E+00 |
| 2124 | 33.5470 | 3.74200 | 0.000000E+00 |
| 2125 | 38.3980 | 3.12500 | 0.000000E+00 |
| 2126 | 27.5470 | 2.12500 | 0.000000E+00 |
| 2127 | 27.5470 | 3.12500 | 0.000000E+00 |
| 2128 | 28.8260 | 3.69867 | 0.000000E+00 |
| 2129 | 17.5480 | 2.12500 | 0.000000E+00 |
| 2130 | 17.5480 | 3.12500 | 0.000000E+00 |
| 2131 | 24.1050 | 3.27233 | 0.000000E+00 |
| 2132 | 19.3840 | 3.69867 | 0.000000E+00 |
| 2133 | 7.54900 | 2.12500 | 0.000000E+00 |
| 2134 | 7.54900 | 3.12500 | 0.000000E+00 |
| 2135 | 14.6630 | 3.12500 | 0.000000E+00 |
| 2136 | 9.94200 | 3.69867 | 0.000000E+00 |
| 2137 | 0.500000 | 3.69867 | 0.000000E+00 |
| 2138 | 5.22100 | 3.12500 | 0.000000E+00 |
| 2139 | -8.44900 | 2.12500 | 0.000000E+00 |
| 2140 | -8.44900 | 3.12500 | 0.000000E+00 |
| 2141 | -6.12100 | 3.69867 | 0.000000E+00 |
| 2142 | -18.4480 | 2.12500 | 0.000000E+00 |
| 2143 | -18.4480 | 3.12500 | 0.000000E+00 |
| 2144 | -10.8420 | 3.12500 | 0.000000E+00 |
| 2145 | -15.5630 | 3.69867 | 0.000000E+00 |
| 2146 | -28.4470 | 2.12500 | 0.000000E+00 |
| 2147 | -28.4470 | 3.27233 | 0.000000E+00 |
| 2148 | -20.2840 | 3.12500 | 0.000000E+00 |
| 2149 | -25.0050 | 3.69867 | 0.000000E+00 |
| 2150 | -34.4470 | 3.69867 | 0.000000E+00 |
| 2151 | -29.7260 | 3.12500 | 0.000000E+00 |
| 2152 | -40.4490 | 2.12500 | 0.000000E+00 |
| 2153 | -40.4490 | 3.12500 | 0.000000E+00 |
| 2154 | -39.2980 | 3.74200 | 0.000000E+00 |
| 2155 | -52.7010 | 2.12500 | 0.000000E+00 |
| 2156 | -52.7010 | 3.35867 | 0.000000E+00 |
| 2157 | -44.1490 | 3.35833 | 0.000000E+00 |
| 2158 | -49.0000 | 3.74200 | 0.000000E+00 |
| 2159 | -64.7030 | 2.12500 | 0.000000E+00 |
| 2160 | -64.7030 | 3.12500 | 0.000000E+00 |
| 2161 | -53.8510 | 3.12500 | 0.000000E+00 |
| 2162 | -58.7020 | 3.74200 | 0.000000E+00 |
| 2163 | -63.5530 | 3.74200 | 0.000000E+00 |
| 2164 | -76.9550 | 2.12500 | 0.000000E+00 |
| 2165 | -76.9550 | 3.35833 | 0.000000E+00 |
| 2166 | -68.4040 | 3.35867 | 0.000000E+00 |
| 2167 | -73.2550 | 3.74200 | 0.000000E+00 |
| 2168 | -82.9570 | 3.74200 | 0.000000E+00 |
| 2169 | -78.1060 | 3.12500 | 0.000000E+00 |
| 2170 | -88.9610 | 2.12500 | 0.000000E+00 |
| 2171 | -88.9610 | 3.12500 | 0.000000E+00 |
| 2172 | -87.8100 | 3.74267 | 0.000000E+00 |
| 2173 | -101.218 | 2.12500 | 0.000000E+00 |
| 2174 | -101.218 | 3.35900 | 0.000000E+00 |
| 2175 | -92.6630 | 3.35900 | 0.000000E+00 |
| 2176 | -97.5160 | 3.74267 | 0.000000E+00 |
| 2177 | -113.225 | 2.12500 | 0.000000E+00 |
| 2178 | -113.225 | 3.12500 | 0.000000E+00 |
| 2179 | -102.369 | 3.12500 | 0.000000E+00 |
| 2180 | -107.222 | 3.74267 | 0.000000E+00 |
| 2181 | -112.075 | 3.74267 | 0.000000E+00 |
| 2182 | -125.482 | 2.12500 | 0.000000E+00 |
| 2183 | -125.482 | 3.35867 | 0.000000E+00 |
| 2184 | -116.928 | 3.35933 | 0.000000E+00 |
| 2185 | -121.781 | 3.74267 | 0.000000E+00 |
| 2186 | -131.487 | 3.74267 | 0.000000E+00 |
| 2187 | -126.634 | 3.12500 | 0.000000E+00 |
| 2188 | -137.494 | 2.12500 | 0.000000E+00 |
| 2189 | -137.494 | 3.12500 | 0.000000E+00 |
| 2190 | -136.342 | 3.74333 | 0.000000E+00 |
| 2191 | -149.756 | 2.12500 | 0.000000E+00 |
| 2192 | -149.756 | 3.35967 | 0.000000E+00 |
| 2193 | -141.197 | 3.35933 | 0.000000E+00 |
| 2194 | -146.052 | 3.74333 | 0.000000E+00 |
| 2195 | -161.768 | 2.12500 | 0.000000E+00 |
| 2196 | -161.768 | 3.12500 | 0.000000E+00 |
| 2197 | -150.907 | 3.12500 | 0.000000E+00 |
| 2198 | -155.762 | 3.74333 | 0.000000E+00 |
| 2199 | -160.617 | 3.74333 | 0.000000E+00 |
| 2200 | -174.030 | 2.12500 | 0.000000E+00 |
| 2201 | -174.030 | 3.35933 | 0.000000E+00 |
| 2202 | -165.472 | 3.35967 | 0.000000E+00 |
| 2203 | -170.327 | 3.74333 | 0.000000E+00 |
| 2204 | -180.037 | 3.74333 | 0.000000E+00 |
| 2205 | -175.182 | 3.12500 | 0.000000E+00 |
| 2206 | -186.047 | 2.12500 | 0.000000E+00 |
| 2207 | -186.047 | 3.12500 | 0.000000E+00 |
| 2208 | -184.894 | 3.74400 | 0.000000E+00 |
| 2209 | -198.314 | 2.12500 | 0.000000E+00 |
| 2210 | -198.314 | 3.36033 | 0.000000E+00 |
| 2211 | -189.751 | 3.35967 | 0.000000E+00 |
| 2212 | -194.608 | 3.74400 | 0.000000E+00 |
| 2213 | -210.330 | 2.12500 | 0.000000E+00 |
| 2214 | -210.330 | 3.12500 | 0.000000E+00 |
| 2215 | -199.465 | 3.12500 | 0.000000E+00 |
| 2216 | -204.322 | 3.74400 | 0.000000E+00 |
| 2217 | -209.179 | 3.74400 | 0.000000E+00 |
| 2218 | -222.597 | 2.12500 | 0.000000E+00 |
| 2219 | -222.597 | 3.35967 | 0.000000E+00 |
| 2220 | -214.036 | 3.36033 | 0.000000E+00 |
| 2221 | -218.893 | 3.74400 | 0.000000E+00 |
| 2222 | -228.607 | 3.74400 | 0.000000E+00 |
| 2223 | -223.750 | 3.12500 | 0.000000E+00 |
| 2224 | -234.616 | 2.12500 | 0.000000E+00 |
| 2225 | -234.616 | 3.12500 | 0.000000E+00 |
| 2226 | -233.465 | 3.74433 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2227 | -246.887 | 2.12500 | 0.000000E+00 |
| 2228 | -246.887 | 3.36033 | 0.000000E+00 |
| 2229 | -238.323 | 3.36067 | 0.000000E+00 |
| 2230 | -243.181 | 3.74433 | 0.000000E+00 |
| 2231 | -258.907 | 2.12500 | 0.000000E+00 |
| 2232 | -258.907 | 3.12500 | 0.000000E+00 |
| 2233 | -248.039 | 3.12500 | 0.000000E+00 |
| 2234 | -252.897 | 3.74433 | 0.000000E+00 |
| 2235 | -257.755 | 3.74433 | 0.000000E+00 |
| 2236 | -271.178 | 2.12500 | 0.000000E+00 |
| 2237 | -271.178 | 3.36067 | 0.000000E+00 |
| 2238 | -262.613 | 3.36033 | 0.000000E+00 |
| 2239 | -267.471 | 3.74433 | 0.000000E+00 |
| 2240 | -277.187 | 3.74433 | 0.000000E+00 |
| 2241 | -272.329 | 3.12500 | 0.000000E+00 |
| 2242 | -283.198 | 2.12500 | 0.000000E+00 |
| 2243 | -283.198 | 3.12500 | 0.000000E+00 |
| 2244 | -282.046 | 3.74467 | 0.000000E+00 |
| 2245 | -295.471 | 2.12500 | 0.000000E+00 |
| 2246 | -295.471 | 3.36067 | 0.000000E+00 |
| 2247 | -286.905 | 3.36067 | 0.000000E+00 |
| 2248 | -291.764 | 3.74467 | 0.000000E+00 |
| 2249 | -307.493 | 2.12500 | 0.000000E+00 |
| 2250 | -307.493 | 3.12500 | 0.000000E+00 |
| 2251 | -296.623 | 3.12500 | 0.000000E+00 |
| 2252 | -301.482 | 3.74467 | 0.000000E+00 |
| 2253 | -306.341 | 3.74467 | 0.000000E+00 |
| 2254 | -319.766 | 2.12500 | 0.000000E+00 |
| 2255 | -319.766 | 3.36067 | 0.000000E+00 |
| 2256 | -311.200 | 3.36067 | 0.000000E+00 |
| 2257 | -316.059 | 3.74467 | 0.000000E+00 |
| 2258 | -325.777 | 3.74467 | 0.000000E+00 |
| 2259 | -320.918 | 3.12500 | 0.000000E+00 |
| 2260 | -331.783 | 2.12500 | 0.000000E+00 |
| 2261 | -331.783 | 3.12500 | 0.000000E+00 |
| 2262 | -330.639 | 3.74557 | 0.000000E+00 |
| 2263 | -341.792 | 2.12500 | 0.000000E+00 |
| 2264 | -341.792 | 3.12500 | 0.000000E+00 |
| 2265 | -335.500 | 3.36414 | 0.000000E+00 |
| 2266 | -340.362 | 3.74557 | 0.000000E+00 |
| 2267 | -351.801 | 2.12500 | 0.000000E+00 |
| 2268 | -351.801 | 3.12500 | 0.000000E+00 |
| 2269 | -345.224 | 3.26895 | 0.000000E+00 |
| 2270 | -350.086 | 3.74557 | 0.000000E+00 |
| 2271 | -359.809 | 3.74557 | 0.000000E+00 |
| 2272 | -354.947 | 3.17376 | 0.000000E+00 |
| 2273 | -360.409 | 3.12500 | 0.000000E+00 |
| 2274 | -1.40000 | 3.12500 | 0.000000E+00 |
| 2275 | -0.400000 | 3.12500 | 0.000000E+00 |
| 2276 | 407.610 | 3.12500 | 0.000000E+00 |
| 2277 | 399.602 | 9.12500 | 0.000000E+00 |
| 2278 | 399.602 | 10.1738 | 0.000000E+00 |
| 2279 | 402.748 | 10.7456 | 0.000000E+00 |
| 2280 | 389.593 | 9.12500 | 0.000000E+00 |
| 2281 | 389.593 | 10.2690 | 0.000000E+00 |
| 2282 | 397.887 | 10.1250 | 0.000000E+00 |
| 2283 | 393.025 | 10.7456 | 0.000000E+00 |
| 2284 | 379.584 | 9.12500 | 0.000000E+00 |
| 2285 | 379.584 | 10.3641 | 0.000000E+00 |
| 2286 | 388.163 | 10.1250 | 0.000000E+00 |
| 2287 | 383.301 | 10.7456 | 0.000000E+00 |
| 2288 | 373.578 | 10.7456 | 0.000000E+00 |
| 2289 | 378.440 | 10.1250 | 0.000000E+00 |
| 2290 | 367.574 | 9.12500 | 0.000000E+00 |
| 2291 | 367.574 | 10.1250 | 0.000000E+00 |
| 2292 | 368.708 | 10.7484 | 0.000000E+00 |
| 2293 | 355.186 | 9.12500 | 0.000000E+00 |
| 2294 | 355.186 | 10.3856 | 0.000000E+00 |
| 2295 | 363.838 | 10.3704 | 0.000000E+00 |
| 2296 | 358.968 | 10.7484 | 0.000000E+00 |
| 2297 | 343.163 | 9.12500 | 0.000000E+00 |
| 2298 | 343.163 | 10.1250 | 0.000000E+00 |
| 2299 | 354.098 | 10.1250 | 0.000000E+00 |
| 2300 | 349.227 | 10.7484 | 0.000000E+00 |
| 2301 | 344.357 | 10.7484 | 0.000000E+00 |
| 2302 | 330.890 | 9.12500 | 0.000000E+00 |
| 2303 | 330.890 | 10.3674 | 0.000000E+00 |
| 2304 | 339.487 | 10.3502 | 0.000000E+00 |
| 2305 | 334.617 | 10.7484 | 0.000000E+00 |
| 2306 | 324.877 | 10.7484 | 0.000000E+00 |
| 2307 | 329.747 | 10.1250 | 0.000000E+00 |
| 2308 | 318.866 | 9.12500 | 0.000000E+00 |
| 2309 | 318.866 | 10.1250 | 0.000000E+00 |
| 2310 | 320.018 | 10.7447 | 0.000000E+00 |
| 2311 | 306.593 | 9.12500 | 0.000000E+00 |
| 2312 | 306.593 | 10.3607 | 0.000000E+00 |
| 2313 | 315.159 | 10.3607 | 0.000000E+00 |
| 2314 | 310.300 | 10.7447 | 0.000000E+00 |
| 2315 | 294.571 | 9.12500 | 0.000000E+00 |
| 2316 | 294.571 | 10.1250 | 0.000000E+00 |
| 2317 | 305.441 | 10.1250 | 0.000000E+00 |
| 2318 | 300.582 | 10.7447 | 0.000000E+00 |
| 2319 | 295.723 | 10.7447 | 0.000000E+00 |
| 2320 | 282.298 | 9.12500 | 0.000000E+00 |
| 2321 | 282.298 | 10.3607 | 0.000000E+00 |
| 2322 | 290.864 | 10.3607 | 0.000000E+00 |
| 2323 | 286.005 | 10.7447 | 0.000000E+00 |
| 2324 | 276.287 | 10.7447 | 0.000000E+00 |
| 2325 | 281.146 | 10.1250 | 0.000000E+00 |
| 2326 | 270.278 | 9.12500 | 0.000000E+00 |
| 2327 | 270.278 | 10.1250 | 0.000000E+00 |
| 2328 | 271.429 | 10.7443 | 0.000000E+00 |
| 2329 | 258.007 | 9.12500 | 0.000000E+00 |
| 2330 | 258.007 | 10.3603 | 0.000000E+00 |
| 2331 | 266.571 | 10.3607 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2332 | 261.713 | 10.7443 | 0.000000E+00 |
| 2333 | 245.987 | 9.12500 | 0.000000E+00 |
| 2334 | 245.987 | 10.1250 | 0.000000E+00 |
| 2335 | 256.855 | 10.1250 | 0.000000E+00 |
| 2336 | 251.997 | 10.7443 | 0.000000E+00 |
| 2337 | 247.139 | 10.7443 | 0.000000E+00 |
| 2338 | 233.716 | 9.12500 | 0.000000E+00 |
| 2339 | 233.716 | 10.3607 | 0.000000E+00 |
| 2340 | 242.281 | 10.3603 | 0.000000E+00 |
| 2341 | 237.423 | 10.7443 | 0.000000E+00 |
| 2342 | 227.707 | 10.7443 | 0.000000E+00 |
| 2343 | 232.565 | 10.1250 | 0.000000E+00 |
| 2344 | 221.697 | 9.12500 | 0.000000E+00 |
| 2345 | 221.697 | 10.1250 | 0.000000E+00 |
| 2346 | 222.850 | 10.7440 | 0.000000E+00 |
| 2347 | 209.430 | 9.12500 | 0.000000E+00 |
| 2348 | 209.430 | 10.3603 | 0.000000E+00 |
| 2349 | 217.993 | 10.3597 | 0.000000E+00 |
| 2350 | 213.136 | 10.7440 | 0.000000E+00 |
| 2351 | 197.414 | 9.12500 | 0.000000E+00 |
| 2352 | 197.414 | 10.1250 | 0.000000E+00 |
| 2353 | 208.279 | 10.1250 | 0.000000E+00 |
| 2354 | 203.422 | 10.7440 | 0.000000E+00 |
| 2355 | 198.565 | 10.7440 | 0.000000E+00 |
| 2356 | 185.147 | 9.12500 | 0.000000E+00 |
| 2357 | 185.147 | 10.3597 | 0.000000E+00 |
| 2358 | 193.708 | 10.3603 | 0.000000E+00 |
| 2359 | 188.851 | 10.7440 | 0.000000E+00 |
| 2360 | 179.137 | 10.7440 | 0.000000E+00 |
| 2361 | 183.994 | 10.1250 | 0.000000E+00 |
| 2362 | 173.130 | 9.12500 | 0.000000E+00 |
| 2363 | 173.130 | 10.1250 | 0.000000E+00 |
| 2364 | 174.282 | 10.7433 | 0.000000E+00 |
| 2365 | 160.868 | 9.12500 | 0.000000E+00 |
| 2366 | 160.868 | 10.3597 | 0.000000E+00 |
| 2367 | 169.427 | 10.3593 | 0.000000E+00 |
| 2368 | 164.572 | 10.7433 | 0.000000E+00 |
| 2369 | 148.856 | 9.12500 | 0.000000E+00 |
| 2370 | 148.856 | 10.1250 | 0.000000E+00 |
| 2371 | 159.717 | 10.1250 | 0.000000E+00 |
| 2372 | 154.862 | 10.7433 | 0.000000E+00 |
| 2373 | 150.007 | 10.7433 | 0.000000E+00 |
| 2374 | 136.594 | 9.12500 | 0.000000E+00 |
| 2375 | 136.594 | 10.3593 | 0.000000E+00 |
| 2376 | 145.152 | 10.3597 | 0.000000E+00 |
| 2377 | 140.297 | 10.7433 | 0.000000E+00 |
| 2378 | 130.587 | 10.7433 | 0.000000E+00 |
| 2379 | 135.442 | 10.1250 | 0.000000E+00 |
| 2380 | 124.582 | 9.12500 | 0.000000E+00 |
| 2381 | 124.582 | 10.1250 | 0.000000E+00 |
| 2382 | 125.734 | 10.7427 | 0.000000E+00 |
| 2383 | 112.325 | 9.12500 | 0.000000E+00 |
| 2384 | 112.325 | 10.3593 | 0.000000E+00 |
| 2385 | 120.881 | 10.3587 | 0.000000E+00 |
| 2386 | 116.028 | 10.7427 | 0.000000E+00 |
| 2387 | 100.318 | 9.12500 | 0.000000E+00 |
| 2388 | 100.318 | 10.1250 | 0.000000E+00 |
| 2389 | 111.175 | 10.1250 | 0.000000E+00 |
| 2390 | 106.322 | 10.7427 | 0.000000E+00 |
| 2391 | 101.469 | 10.7427 | 0.000000E+00 |
| 2392 | 88.0610 | 9.12500 | 0.000000E+00 |
| 2393 | 88.0610 | 10.3590 | 0.000000E+00 |
| 2394 | 96.6160 | 10.3590 | 0.000000E+00 |
| 2395 | 91.7630 | 10.7427 | 0.000000E+00 |
| 2396 | 82.0570 | 10.7427 | 0.000000E+00 |
| 2397 | 86.9100 | 10.1250 | 0.000000E+00 |
| 2398 | 76.0550 | 9.12500 | 0.000000E+00 |
| 2399 | 76.0550 | 10.1250 | 0.000000E+00 |
| 2400 | 77.2060 | 10.7420 | 0.000000E+00 |
| 2401 | 63.8030 | 9.12500 | 0.000000E+00 |
| 2402 | 63.8030 | 10.3587 | 0.000000E+00 |
| 2403 | 72.3550 | 10.3583 | 0.000000E+00 |
| 2404 | 67.5040 | 10.7420 | 0.000000E+00 |
| 2405 | 51.8010 | 9.12500 | 0.000000E+00 |
| 2406 | 51.8010 | 10.1250 | 0.000000E+00 |
| 2407 | 62.6530 | 10.1250 | 0.000000E+00 |
| 2408 | 57.8020 | 10.7420 | 0.000000E+00 |
| 2409 | 52.9510 | 10.7420 | 0.000000E+00 |
| 2410 | 39.5490 | 9.12500 | 0.000000E+00 |
| 2411 | 39.5490 | 10.3583 | 0.000000E+00 |
| 2412 | 48.1000 | 10.3587 | 0.000000E+00 |
| 2413 | 43.2490 | 10.7420 | 0.000000E+00 |
| 2414 | 33.5470 | 10.7420 | 0.000000E+00 |
| 2415 | 38.3980 | 10.1250 | 0.000000E+00 |
| 2416 | 27.5470 | 9.12500 | 0.000000E+00 |
| 2417 | 27.5470 | 10.1250 | 0.000000E+00 |
| 2418 | 28.8260 | 10.6987 | 0.000000E+00 |
| 2419 | 17.5480 | 9.12500 | 0.000000E+00 |
| 2420 | 17.5480 | 10.1250 | 0.000000E+00 |
| 2421 | 24.1050 | 10.2723 | 0.000000E+00 |
| 2422 | 19.3840 | 10.6987 | 0.000000E+00 |
| 2423 | 7.54900 | 9.12500 | 0.000000E+00 |
| 2424 | 7.54900 | 10.1250 | 0.000000E+00 |
| 2425 | 14.6630 | 10.1250 | 0.000000E+00 |
| 2426 | 9.94200 | 10.6987 | 0.000000E+00 |
| 2427 | 0.500000 | 10.6987 | 0.000000E+00 |
| 2428 | 5.22100 | 10.1250 | 0.000000E+00 |
| 2429 | -8.44900 | 9.12500 | 0.000000E+00 |
| 2430 | -8.44900 | 10.1250 | 0.000000E+00 |
| 2431 | -6.12100 | 10.6987 | 0.000000E+00 |
| 2432 | -18.4480 | 9.12500 | 0.000000E+00 |
| 2433 | -18.4480 | 10.1250 | 0.000000E+00 |
| 2434 | -10.8420 | 10.1250 | 0.000000E+00 |
| 2435 | -15.5630 | 10.6987 | 0.000000E+00 |
| 2436 | -28.4470 | 9.12500 | 0.000000E+00 |

| | | | |
|------|----------|---------|--------------|
| 2437 | -28.4470 | 10.2723 | 0.000000E+00 |
| 2438 | -20.2840 | 10.1250 | 0.000000E+00 |
| 2439 | -25.0050 | 10.6987 | 0.000000E+00 |
| 2440 | -34.4470 | 10.6987 | 0.000000E+00 |
| 2441 | -29.7260 | 10.1250 | 0.000000E+00 |
| 2442 | -40.4490 | 9.12500 | 0.000000E+00 |
| 2443 | -40.4490 | 10.1250 | 0.000000E+00 |
| 2444 | -39.2980 | 10.7420 | 0.000000E+00 |
| 2445 | -52.7010 | 9.12500 | 0.000000E+00 |
| 2446 | -52.7010 | 10.3587 | 0.000000E+00 |
| 2447 | -44.1490 | 10.3583 | 0.000000E+00 |
| 2448 | -49.0000 | 10.7420 | 0.000000E+00 |
| 2449 | -64.7030 | 9.12500 | 0.000000E+00 |
| 2450 | -64.7030 | 10.1250 | 0.000000E+00 |
| 2451 | -53.8510 | 10.1250 | 0.000000E+00 |
| 2452 | -58.7020 | 10.7420 | 0.000000E+00 |
| 2453 | -63.5530 | 10.7420 | 0.000000E+00 |
| 2454 | -76.9550 | 9.12500 | 0.000000E+00 |
| 2455 | -76.9550 | 10.3583 | 0.000000E+00 |
| 2456 | -68.4040 | 10.3587 | 0.000000E+00 |
| 2457 | -73.2550 | 10.7420 | 0.000000E+00 |
| 2458 | -82.9570 | 10.7420 | 0.000000E+00 |
| 2459 | -78.1060 | 10.1250 | 0.000000E+00 |
| 2460 | -88.9610 | 9.12500 | 0.000000E+00 |
| 2461 | -88.9610 | 10.1250 | 0.000000E+00 |
| 2462 | -87.8100 | 10.7427 | 0.000000E+00 |
| 2463 | -101.218 | 9.12500 | 0.000000E+00 |
| 2464 | -101.218 | 10.3590 | 0.000000E+00 |
| 2465 | -92.6630 | 10.3590 | 0.000000E+00 |
| 2466 | -97.5160 | 10.7427 | 0.000000E+00 |
| 2467 | -113.225 | 9.12500 | 0.000000E+00 |
| 2468 | -113.225 | 10.1250 | 0.000000E+00 |
| 2469 | -102.369 | 10.1250 | 0.000000E+00 |
| 2470 | -107.222 | 10.7427 | 0.000000E+00 |
| 2471 | -112.075 | 10.7427 | 0.000000E+00 |
| 2472 | -125.482 | 9.12500 | 0.000000E+00 |
| 2473 | -125.482 | 10.3587 | 0.000000E+00 |
| 2474 | -116.928 | 10.3593 | 0.000000E+00 |
| 2475 | -121.781 | 10.7427 | 0.000000E+00 |
| 2476 | -131.487 | 10.7427 | 0.000000E+00 |
| 2477 | -126.634 | 10.1250 | 0.000000E+00 |
| 2478 | -137.494 | 9.12500 | 0.000000E+00 |
| 2479 | -137.494 | 10.1250 | 0.000000E+00 |
| 2480 | -136.342 | 10.7433 | 0.000000E+00 |
| 2481 | -149.756 | 9.12500 | 0.000000E+00 |
| 2482 | -149.756 | 10.3597 | 0.000000E+00 |
| 2483 | -141.197 | 10.3593 | 0.000000E+00 |
| 2484 | -146.052 | 10.7433 | 0.000000E+00 |
| 2485 | -161.768 | 9.12500 | 0.000000E+00 |
| 2486 | -161.768 | 10.1250 | 0.000000E+00 |
| 2487 | -150.907 | 10.1250 | 0.000000E+00 |
| 2488 | -155.762 | 10.7433 | 0.000000E+00 |
| 2489 | -160.617 | 10.7433 | 0.000000E+00 |
| 2490 | -174.030 | 9.12500 | 0.000000E+00 |
| 2491 | -174.030 | 10.3593 | 0.000000E+00 |
| 2492 | -165.472 | 10.3597 | 0.000000E+00 |
| 2493 | -170.327 | 10.7433 | 0.000000E+00 |
| 2494 | -180.037 | 10.7433 | 0.000000E+00 |
| 2495 | -175.182 | 10.1250 | 0.000000E+00 |
| 2496 | -186.047 | 9.12500 | 0.000000E+00 |
| 2497 | -186.047 | 10.1250 | 0.000000E+00 |
| 2498 | -184.894 | 10.7440 | 0.000000E+00 |
| 2499 | -198.314 | 9.12500 | 0.000000E+00 |
| 2500 | -198.314 | 10.3603 | 0.000000E+00 |
| 2501 | -189.751 | 10.3597 | 0.000000E+00 |
| 2502 | -194.608 | 10.7440 | 0.000000E+00 |
| 2503 | -210.330 | 9.12500 | 0.000000E+00 |
| 2504 | -210.330 | 10.1250 | 0.000000E+00 |
| 2505 | -199.465 | 10.1250 | 0.000000E+00 |
| 2506 | -204.322 | 10.7440 | 0.000000E+00 |
| 2507 | -209.179 | 10.7440 | 0.000000E+00 |
| 2508 | -222.597 | 9.12500 | 0.000000E+00 |
| 2509 | -222.597 | 10.3597 | 0.000000E+00 |
| 2510 | -214.036 | 10.3603 | 0.000000E+00 |
| 2511 | -218.893 | 10.7440 | 0.000000E+00 |
| 2512 | -228.607 | 10.7440 | 0.000000E+00 |
| 2513 | -223.750 | 10.1250 | 0.000000E+00 |
| 2514 | -234.616 | 9.12500 | 0.000000E+00 |
| 2515 | -234.616 | 10.1250 | 0.000000E+00 |
| 2516 | -233.465 | 10.7443 | 0.000000E+00 |
| 2517 | -246.887 | 9.12500 | 0.000000E+00 |
| 2518 | -246.887 | 10.3603 | 0.000000E+00 |
| 2519 | -238.323 | 10.3607 | 0.000000E+00 |
| 2520 | -243.181 | 10.7443 | 0.000000E+00 |
| 2521 | -258.907 | 9.12500 | 0.000000E+00 |
| 2522 | -258.907 | 10.1250 | 0.000000E+00 |
| 2523 | -248.039 | 10.1250 | 0.000000E+00 |
| 2524 | -252.897 | 10.7443 | 0.000000E+00 |
| 2525 | -257.755 | 10.7443 | 0.000000E+00 |
| 2526 | -271.178 | 9.12500 | 0.000000E+00 |
| 2527 | -271.178 | 10.3607 | 0.000000E+00 |
| 2528 | -262.613 | 10.3603 | 0.000000E+00 |
| 2529 | -267.471 | 10.7443 | 0.000000E+00 |
| 2530 | -277.187 | 10.7443 | 0.000000E+00 |
| 2531 | -272.329 | 10.1250 | 0.000000E+00 |
| 2532 | -283.198 | 9.12500 | 0.000000E+00 |
| 2533 | -283.198 | 10.1250 | 0.000000E+00 |
| 2534 | -282.046 | 10.7447 | 0.000000E+00 |
| 2535 | -295.471 | 9.12500 | 0.000000E+00 |
| 2536 | -295.471 | 10.3607 | 0.000000E+00 |
| 2537 | -286.905 | 10.3607 | 0.000000E+00 |
| 2538 | -291.764 | 10.7447 | 0.000000E+00 |
| 2539 | -307.493 | 9.12500 | 0.000000E+00 |
| 2540 | -307.493 | 10.1250 | 0.000000E+00 |
| 2541 | -296.623 | 10.1250 | 0.000000E+00 |

| | | | |
|------|-----------|---------|--------------|
| 2542 | -301.482 | 10.7447 | 0.000000E+00 |
| 2543 | -306.341 | 10.7447 | 0.000000E+00 |
| 2544 | -319.766 | 9.12500 | 0.000000E+00 |
| 2545 | -319.766 | 10.3607 | 0.000000E+00 |
| 2546 | -311.200 | 10.3607 | 0.000000E+00 |
| 2547 | -316.059 | 10.7447 | 0.000000E+00 |
| 2548 | -325.777 | 10.7447 | 0.000000E+00 |
| 2549 | -320.918 | 10.1250 | 0.000000E+00 |
| 2550 | -331.783 | 9.12500 | 0.000000E+00 |
| 2551 | -331.783 | 10.1250 | 0.000000E+00 |
| 2552 | -330.639 | 10.7456 | 0.000000E+00 |
| 2553 | -341.792 | 9.12500 | 0.000000E+00 |
| 2554 | -341.792 | 10.1250 | 0.000000E+00 |
| 2555 | -335.500 | 10.3641 | 0.000000E+00 |
| 2556 | -340.362 | 10.7456 | 0.000000E+00 |
| 2557 | -351.801 | 9.12500 | 0.000000E+00 |
| 2558 | -351.801 | 10.1250 | 0.000000E+00 |
| 2559 | -345.224 | 10.2690 | 0.000000E+00 |
| 2560 | -350.086 | 10.7456 | 0.000000E+00 |
| 2561 | -359.809 | 10.7456 | 0.000000E+00 |
| 2562 | -354.947 | 10.1738 | 0.000000E+00 |
| 2563 | -360.409 | 10.1250 | 0.000000E+00 |
| 2564 | -1.40000 | 10.1250 | 0.000000E+00 |
| 2565 | -0.400000 | 10.1250 | 0.000000E+00 |
| 2566 | 407.610 | 10.1250 | 0.000000E+00 |
| 2567 | -360.409 | 5.62500 | 0.000000E+00 |
| 2568 | -359.242 | 9.12500 | 0.000000E+00 |
| 2569 | -359.242 | 5.62500 | 0.000000E+00 |
| 2570 | -0.500000 | 5.62500 | 0.000000E+00 |
| 2571 | 0.666667 | 9.12500 | 0.000000E+00 |
| 2572 | 0.666667 | 5.62500 | 0.000000E+00 |
| 2573 | -0.400000 | 5.62500 | 0.000000E+00 |
| 2574 | 0.766667 | 9.12500 | 0.000000E+00 |
| 2575 | 0.766667 | 5.62500 | 0.000000E+00 |
| 2576 | 408.210 | 5.62500 | 0.000000E+00 |
| 2577 | 409.377 | 9.12500 | 0.000000E+00 |
| 2578 | 409.377 | 5.62500 | 0.000000E+00 |
| 2579 | 407.610 | 9.12500 | -2.50000 |
| 2580 | 407.610 | 8.12500 | -2.50000 |
| 2581 | -359.809 | 2.12500 | -2.50000 |
| 2582 | -359.809 | 9.12500 | -2.50000 |
| 2583 | 407.610 | 2.12500 | -2.50000 |
| 2584 | 407.610 | 9.12500 | -2.50000 |
| 2585 | -361.409 | 5.62500 | 0.000000E+00 |
| 2586 | 409.210 | 5.62500 | 0.000000E+00 |
| 2587 | -359.809 | 5.62500 | -2.90000 |
| 2588 | -325.777 | 5.62500 | -8.80000 |
| 2589 | -277.187 | 5.62500 | -9.30000 |
| 2590 | -228.607 | 5.62500 | -9.80000 |
| 2591 | -180.037 | 5.62500 | -10.3000 |
| 2592 | -131.487 | 5.62500 | -10.5500 |
| 2593 | -82.9570 | 5.62500 | -11.3000 |
| 2594 | -34.4470 | 5.62500 | -11.5500 |
| 2595 | -0.447000 | 5.62500 | -12.3000 |
| 2596 | 33.5470 | 5.62500 | -11.8000 |
| 2597 | 82.0570 | 5.62500 | -11.3000 |
| 2598 | 130.587 | 5.62500 | -11.3000 |
| 2599 | 179.137 | 5.62500 | -11.0500 |
| 2600 | 227.707 | 5.62500 | -10.3000 |
| 2601 | 276.287 | 5.62500 | -10.3000 |
| 2602 | 324.877 | 5.62500 | -10.5500 |
| 2603 | 373.578 | 5.62500 | -10.5500 |
| 2604 | 407.610 | 5.62500 | -2.90000 |
| 2605 | -359.809 | 2.12500 | -2.50000 |
| 2606 | -359.809 | 9.12500 | -2.50000 |
| 2607 | 0.500000 | 2.12500 | -2.50000 |
| 2608 | 0.500000 | 9.12500 | -2.50000 |
| 2609 | 407.610 | 2.12500 | -2.50000 |
| 2610 | 407.610 | 9.12500 | -2.50000 |
| 2611 | -359.809 | 5.62500 | -2.90000 |
| 2612 | 407.610 | 5.62500 | -2.90000 |
| 2613 | -358.809 | 2.12500 | -2.50000 |
| 2614 | -359.809 | 3.12500 | -2.50000 |
| 2615 | -358.809 | 9.12500 | -2.50000 |
| 2616 | -359.809 | 10.1250 | -2.50000 |
| 2617 | -324.777 | 2.12500 | -2.50000 |
| 2618 | -325.777 | 3.12500 | -2.50000 |
| 2619 | -324.777 | 9.12500 | -2.50000 |
| 2620 | -325.777 | 10.1250 | -2.50000 |
| 2621 | -276.187 | 2.12500 | -2.50000 |
| 2622 | -277.187 | 3.12500 | -2.50000 |
| 2623 | -276.187 | 9.12500 | -2.50000 |
| 2624 | -277.187 | 10.1250 | -2.50000 |
| 2625 | -227.607 | 2.12500 | -2.50000 |
| 2626 | -228.607 | 3.12500 | -2.50000 |
| 2627 | -227.607 | 9.12500 | -2.50000 |
| 2628 | -228.607 | 10.1250 | -2.50000 |
| 2629 | -179.037 | 2.12500 | -2.50000 |
| 2630 | -180.037 | 3.12500 | -2.50000 |
| 2631 | -179.037 | 9.12500 | -2.50000 |
| 2632 | -180.037 | 10.1250 | -2.50000 |
| 2633 | -130.487 | 2.12500 | -2.50000 |
| 2634 | -131.487 | 3.12500 | -2.50000 |
| 2635 | -130.487 | 9.12500 | -2.50000 |
| 2636 | -131.487 | 10.1250 | -2.50000 |
| 2637 | -81.9570 | 2.12500 | -2.50000 |
| 2638 | -82.9570 | 3.12500 | -2.50000 |
| 2639 | -81.9570 | 9.12500 | -2.50000 |
| 2640 | -82.9570 | 10.1250 | -2.50000 |
| 2641 | -33.4470 | 2.12500 | -2.50000 |
| 2642 | -34.4470 | 3.12500 | -2.50000 |
| 2643 | -33.4470 | 9.12500 | -2.50000 |
| 2644 | -34.4470 | 10.1250 | -2.50000 |
| 2645 | -0.400000 | 2.12500 | -2.50000 |
| 2646 | -1.40000 | 3.12500 | -2.50000 |

| | | | |
|------|-----------|---------|--------------|
| 2647 | -0.400000 | 9.12500 | -2.50000 |
| 2648 | -1.40000 | 10.1250 | -2.50000 |
| 2649 | 1.50000 | 2.12500 | -2.50000 |
| 2650 | 0.500000 | 3.12500 | -2.50000 |
| 2651 | 1.50000 | 9.12500 | -2.50000 |
| 2652 | 0.500000 | 10.1250 | -2.50000 |
| 2653 | 34.5470 | 2.12500 | -2.50000 |
| 2654 | 33.5470 | 3.12500 | -2.50000 |
| 2655 | 34.5470 | 9.12500 | -2.50000 |
| 2656 | 33.5470 | 10.1250 | -2.50000 |
| 2657 | 83.0570 | 2.12500 | -2.50000 |
| 2658 | 82.0570 | 3.12500 | -2.50000 |
| 2659 | 83.0570 | 9.12500 | -2.50000 |
| 2660 | 82.0570 | 10.1250 | -2.50000 |
| 2661 | 131.587 | 2.12500 | -2.50000 |
| 2662 | 130.587 | 3.12500 | -2.50000 |
| 2663 | 131.587 | 9.12500 | -2.50000 |
| 2664 | 130.587 | 10.1250 | -2.50000 |
| 2665 | 180.137 | 2.12500 | -2.50000 |
| 2666 | 179.137 | 3.12500 | -2.50000 |
| 2667 | 180.137 | 9.12500 | -2.50000 |
| 2668 | 179.137 | 10.1250 | -2.50000 |
| 2669 | 228.707 | 2.12500 | -2.50000 |
| 2670 | 227.707 | 3.12500 | -2.50000 |
| 2671 | 228.707 | 9.12500 | -2.50000 |
| 2672 | 227.707 | 10.1250 | -2.50000 |
| 2673 | 277.287 | 2.12500 | -2.50000 |
| 2674 | 276.287 | 3.12500 | -2.50000 |
| 2675 | 277.287 | 9.12500 | -2.50000 |
| 2676 | 276.287 | 10.1250 | -2.50000 |
| 2677 | 325.877 | 2.12500 | -2.50000 |
| 2678 | 324.877 | 3.12500 | -2.50000 |
| 2679 | 325.877 | 9.12500 | -2.50000 |
| 2680 | 324.877 | 10.1250 | -2.50000 |
| 2681 | 374.578 | 2.12500 | -2.50000 |
| 2682 | 373.578 | 3.12500 | -2.50000 |
| 2683 | 374.578 | 9.12500 | -2.50000 |
| 2684 | 373.578 | 10.1250 | -2.50000 |
| 2685 | 406.610 | 2.12500 | -2.50000 |
| 2686 | 407.610 | 1.12500 | -2.50000 |
| 2687 | 406.610 | 9.12500 | -2.50000 |
| 2688 | 407.610 | 8.12500 | -2.50000 |
| 2689 | -360.409 | 5.62500 | 0.000000E+00 |
| 2690 | -361.409 | 6.62500 | 0.000000E+00 |
| 2691 | 0.500000 | 5.62500 | 0.000000E+00 |
| 2692 | -0.500000 | 6.62500 | 0.000000E+00 |
| 2693 | 408.210 | 5.62500 | 0.000000E+00 |
| 2694 | 409.210 | 4.62500 | 0.000000E+00 |
| 2695 | -358.809 | 5.62500 | -2.90000 |
| 2696 | -359.809 | 6.62500 | -2.90000 |
| 2697 | -324.777 | 5.62500 | -8.80000 |
| 2698 | -325.777 | 6.62500 | -8.80000 |
| 2699 | -276.187 | 5.62500 | -9.30000 |
| 2700 | -277.187 | 6.62500 | -9.30000 |
| 2701 | -227.607 | 5.62500 | -9.80000 |
| 2702 | -228.607 | 6.62500 | -9.80000 |
| 2703 | -179.037 | 5.62500 | -10.3000 |
| 2704 | -180.037 | 6.62500 | -10.3000 |
| 2705 | -130.487 | 5.62500 | -10.5500 |
| 2706 | -131.487 | 6.62500 | -10.5500 |
| 2707 | -81.9570 | 5.62500 | -11.3000 |
| 2708 | -82.9570 | 6.62500 | -11.3000 |
| 2709 | -33.4470 | 5.62500 | -11.5500 |
| 2710 | -34.4470 | 6.62500 | -11.5500 |
| 2711 | 0.553000 | 5.62500 | -12.3000 |
| 2712 | -0.447000 | 6.62500 | -12.3000 |
| 2713 | 34.5470 | 5.62500 | -11.8000 |
| 2714 | 33.5470 | 6.62500 | -11.8000 |
| 2715 | 83.0570 | 5.62500 | -11.3000 |
| 2716 | 82.0570 | 6.62500 | -11.3000 |
| 2717 | 131.587 | 5.62500 | -11.3000 |
| 2718 | 130.587 | 6.62500 | -11.3000 |
| 2719 | 180.137 | 5.62500 | -11.0500 |
| 2720 | 179.137 | 6.62500 | -11.0500 |
| 2721 | 228.707 | 5.62500 | -10.3000 |
| 2722 | 227.707 | 6.62500 | -10.3000 |
| 2723 | 277.287 | 5.62500 | -10.3000 |
| 2724 | 276.287 | 6.62500 | -10.3000 |
| 2725 | 325.877 | 5.62500 | -10.5500 |
| 2726 | 324.877 | 6.62500 | -10.5500 |
| 2727 | 374.578 | 5.62500 | -10.5500 |
| 2728 | 373.578 | 6.62500 | -10.5500 |
| 2729 | 408.610 | 5.62500 | -2.90000 |
| 2730 | 407.610 | 6.62500 | -2.90000 |
| 2731 | -358.809 | 2.12500 | -2.50000 |
| 2732 | -359.809 | 3.12500 | -2.50000 |
| 2733 | -358.809 | 9.12500 | -2.50000 |
| 2734 | -359.809 | 10.1250 | -2.50000 |
| 2735 | 1.50000 | 2.12500 | -2.50000 |
| 2736 | 0.500000 | 3.12500 | -2.50000 |
| 2737 | 1.50000 | 9.12500 | -2.50000 |
| 2738 | 0.500000 | 10.1250 | -2.50000 |
| 2739 | 406.610 | 2.12500 | -2.50000 |
| 2740 | 407.610 | 1.12500 | -2.50000 |
| 2741 | 406.610 | 9.12500 | -2.50000 |
| 2742 | 407.610 | 8.12500 | -2.50000 |

TOTAL NUMBER OF NODES = 2742
LARGEST NODE NUMBER = 2742

DATA STORAGE LOCATIONS USED = 19194

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

C1 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 1 | 1ST NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.1773E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C1 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 51 | 1ST NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.534 | IYY =1.935 | IZZ =4.866 | KT =0.2548E-01 | ASZ =1.658 | | | |
| | | ASY =1.736 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.1773E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C2 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 2 | 1ST NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.2002E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C2 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

| | | | | | | | | | |
|--|----------|-----------------|----------------|----------------|-----------------|-------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 52 | 1ST NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =2.667 | IYY =2.410 | IZZ =4.957 | KT =0.2568E-01 | ASZ =1.659 | | | |
| | | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| GEOMETRIC STIFFNESS MODIFICATION FACTORS | | | | | | | | | |
| | | SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 | | | |
| | | SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | | | | |
| GEOMETRIC MASS MODIFICATION FACTORS | | | | | | | | | |
| | | MF1 =0.2002E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 | | | |
| | | MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | | | | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

| | | | | | | | | | |
|----------------|----------|-------------|------------|------------|----------------|------------|--|--|--|
| BMI21 ELEMENTS | | | | | | | | | |
| 3 | 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 | | | |

| | | | | | |
|----------|-------------|----------------|----------------|-----------------|------------|
| 2ND NODE | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | ASZ =1.686 |
| | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C3 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

BMI21 ELEMENTS

| | | | | | |
|-------------|-------------|----------------|----------------|-----------------|------------|
| 53 1ST NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =2.697 | IYY =2.449 | IZZ =4.951 | KT =0.2569E-01 | ASZ =1.686 |
| | ASY =1.840 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.2051E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C4 (Bridge deck - girder with top slab) with BDM_Phase3
PROPERTY

BMI21 ELEMENTS

| | | | | | |
|-------------|-------------|----------------|----------------|-----------------|------------|
| 54 1ST NODE | AREA =2.961 | IYY =2.819 | IZZ =5.350 | KT =0.2593E-01 | ASZ =1.714 |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =2.961 | IYY =2.819 | IZZ =5.350 | KT =0.2593E-01 | ASZ =1.714 |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 1.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.2145E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C4_cracked (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

BMI21 ELEMENTS

| | | | | | |
|------------|-------------|----------------|----------------|-----------------|------------|
| 4 1ST NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =1.325 | IYY =1.731 | IZZ =0.9556 | KT =0.2593E-01 | ASZ =1.714 |
| | ASY =1.917 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MF1 =0.4794E-07 | MF2 = 1.000 | MF3 = 1.000 | MF4 = 1.000 | MF5 = 1.000 |
| MF6 = 1.000 | MF7 = 1.000 | MF8 = 1.000 | MF9 = 1.000 | |

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
PROPERTY

BMI21 ELEMENTS

| | | | | | |
|------------|-------------|----------------|----------------|-----------------|------------|
| 5 1ST NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 |
| | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |
| 2ND NODE | AREA =2.636 | IYY =2.407 | IZZ =5.023 | KT =0.2565E-01 | ASZ =1.658 |
| | ASY =1.816 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | |

GEOMETRIC STIFFNESS MODIFICATION FACTORS

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| SF1 = 1.000 | SF2 = 1.000 | SF3 = 8.000 | SF4 = 1.000 | SF5 = 1.000 |
| SF6 = 1.000 | SF7 = 1.000 | SF8 = 1.000 | SF9 = 1.000 | |

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.1951E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C2riva (Bridge deck - girder with top slab) with BDM_Phase3
 PROPERTY

BMI21 ELEMENTS
 55 1ST NODE AREA =2.636 IYY =2.407 IZZ =5.023 KT =0.2565E-01 ASZ =1.658
 ASY =1.816 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.636 IYY =2.407 IZZ =5.023 KT =0.2565E-01 ASZ =1.658
 ASY =1.816 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 0.1951E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase3 & modifier_Jz_travi
 PROPERTY

BMI21 ELEMENTS
 6 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 8.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 0.2051E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

C3riva (Bridge deck - girder with top slab) with BDM_Phase3
 PROPERTY

BMI21 ELEMENTS
 56 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 1.000 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 0.2051E-07 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_riva (Sct5 (RSS D=0.3 B=4.72)) & modifier_Jz_soletta
 PROPERTY

BMI21 ELEMENTS
 7 1ST NODE AREA =1.416 IYY =0.1062E-01 IZZ =2.629 KT =0.4078E-01 ASZ =1.182
 ASY =1.180 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =1.416 IYY =0.1062E-01 IZZ =2.629 KT =0.4078E-01 ASZ =1.182
 ASY =1.180 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
 SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
 SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
 MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
 MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

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

el_soletta_interne (Sct7 (RSS D=0.3 B=4.86)) & modifier_Jz_soletta
PROPERTY

```
BMI21 ELEMENTS
8 1ST NODE AREA =1.458 IYY =0.1093E-01 IZZ =2.870 KT =0.4204E-01 ASZ =1.217
   ASY =1.215 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =1.458 IYY =0.1093E-01 IZZ =2.870 KT =0.4204E-01 ASZ =1.217
   ASY =1.215 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000
```

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

el_soletta_riva_terminali (Sct4 (RSS D=0.3 B=2.9)) & modifier_Jz_soletta
PROPERTY

```
BMI21 ELEMENTS
9 1ST NODE AREA =0.8700 IYY =0.6525E-02 IZZ =0.6097 KT =0.2440E-01 ASZ =0.7258
   ASY =0.7250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.8700 IYY =0.6525E-02 IZZ =0.6097 KT =0.2440E-01 ASZ =0.7258
   ASY =0.7250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000
```

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

el_soletta_riva_estremi (el_soletta_estremi (RSS D=0.3 B=0.05)) & modifier_Jz_soletta
PROPERTY

```
BMI21 ELEMENTS
10 1ST NODE AREA =0.1500E-01 IYY =0.1125E-03 IZZ =0.3125E-05 KT =0.1119E-04 ASZ =0.1250E-01
   ASY =0.1251E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1500E-01 IYY =0.1125E-03 IZZ =0.3125E-05 KT =0.1119E-04 ASZ =0.1250E-01
   ASY =0.1251E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS
SF1 = 1.000 SF2 = 1.000 SF3 = 10.00 SF4 = 1.000 SF5 = 1.000
SF6 = 1.000 SF7 = 1.000 SF8 = 1.000 SF9 = 1.000

GEOMETRIC MASS MODIFICATION FACTORS
MF1 = 1.000 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000
```

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

traversi_appoggio (Sct1 (I D=1 B=0.3 tf=0.02 tw=0.018 r=0))
PROPERTY

```
BMI21 ELEMENTS
11 1ST NODE AREA =0.2928E-01 IYY =0.4209E-02 IZZ =0.9047E-04 KT =0.3477E-05 ASZ =0.1703E-01
   ASY =0.1027E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2928E-01 IYY =0.4209E-02 IZZ =0.9047E-04 KT =0.3477E-05 ASZ =0.1703E-01
   ASY =0.1027E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
```

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

traversi_intermedi (Sct2 (I D=1 B=0.3 tf=0.02 tw=0.015 r=0))
PROPERTY

```
BMI21 ELEMENTS
12 1ST NODE AREA =0.2640E-01 IYY =0.3988E-02 IZZ =0.9027E-04 KT =0.2665E-05 ASZ =0.1428E-01
   ASY =0.1017E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.2640E-01 IYY =0.3988E-02 IZZ =0.9027E-04 KT =0.2665E-05 ASZ =0.1428E-01
   ASY =0.1017E-01 EZ =1.000 EY =0.0000E+00 IYZ =0.0000E+00
```

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

Pulvino_pila_corrente (Pulvino_corrente (RSS D=2.5 B=1.8))
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|--|--|--|
| 13 | 1ST NODE | AREA =4.500 | IYY =2.344 | IZZ =1.215 | KT =2.710 | ASZ =3.750 | | | |
| | | ASY =3.751 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =4.500 | IYY =2.344 | IZZ =1.215 | KT =2.710 | ASZ =3.750 | | | |
| | | ASY =3.751 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |

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

rigid
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-----------------|----------------|----------------|-----------------|-----------------|--|--|--|
| 14 | 1ST NODE | AREA =10.00 | IYY =100.0 | IZZ =100.0 | KT =100.0 | ASZ =0.1000E+05 | | | |
| | | ASY =0.1000E+05 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =10.00 | IYY =100.0 | IZZ =100.0 | KT =100.0 | ASZ =0.1000E+05 | | | |
| | | ASY =0.1000E+05 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |

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

Pila Corrente (Fusto_pila_tipo)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|------------------|------------|--|--|--|
| 15 | 1ST NODE | AREA =6.927 | IYY =7.940 | IZZ =23.78 | KT =22.73 | ASZ =1.720 | | | |
| | | ASY =4.929 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =-0.2837E-13 | | | | |
| | 2ND NODE | AREA =6.927 | IYY =7.940 | IZZ =23.78 | KT =22.73 | ASZ =1.720 | | | |
| | | ASY =4.929 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =-0.2837E-13 | | | | |

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

Plinto_Pila_corrente (Plinto_corrente (RSS D=9.6 B=6) R90)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|--|--|--|
| 16 | 1ST NODE | AREA =57.60 | IYY =172.8 | IZZ =442.4 | KT =422.5 | ASZ =48.01 | | | |
| | | ASY =48.00 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =57.60 | IYY =172.8 | IZZ =442.4 | KT =422.5 | ASZ =48.01 | | | |
| | | ASY =48.00 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |

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

Pulvino_pila_P8 (Pulvino_P8 (RSS D=2.5 B=3.3))
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|--|--|--|
| 17 | 1ST NODE | AREA =8.250 | IYY =4.297 | IZZ =7.487 | KT =9.236 | ASZ =6.876 | | | |
| | | ASY =6.876 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =8.250 | IYY =4.297 | IZZ =7.487 | KT =9.236 | ASZ =6.876 | | | |
| | | ASY =6.876 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |

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

Plinto_Pila_P8 (Plinto_P8 (RSS D=9.6 B=9.6) R90)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|--|--|--|
| 18 | 1ST NODE | AREA =92.16 | IYY =707.8 | IZZ =707.8 | KT =1194. | ASZ =76.81 | | | |
| | | ASY =76.81 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |
| | 2ND NODE | AREA =92.16 | IYY =707.8 | IZZ =707.8 | KT =1194. | ASZ =76.81 | | | |
| | | ASY =76.81 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.0000E+00 | | | | |

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

PilaP8 (Fusto_P8)
PROPERTY

| BMI21 ELEMENTS | | | | | | | | | |
|----------------|----------|-------------|----------------|----------------|-----------------|------------|--|--|--|
| 19 | 1ST NODE | AREA =12.78 | IYY =32.10 | IZZ =42.31 | KT =62.60 | ASZ =3.264 | | | |
| | | ASY =9.320 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.2595E-13 | | | | |
| | 2ND NODE | AREA =12.78 | IYY =32.10 | IZZ =42.31 | KT =62.60 | ASZ =3.264 | | | |
| | | ASY =9.320 | EZ =0.0000E+00 | EY =0.0000E+00 | IYZ =0.2595E-13 | | | | |

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

joints
PROPERTY

JSH4 ELEMENTS
20 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 2132

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

| FIRST ELEMENT | LAST ELEMENT | DIFF- ERENCE | GEOMETRIC SET | LUSASM ID NO. |
|------------------|-----------------|-----------------|------------------|------------------|
| 1 | 4 | 1 | 14 | 32 |
| 5 | 8 | 1 | 13 | 31 |
| 9 | 0 | 0 | 14 | 32 |
| 10 | 17 | 1 | 15 | 33 |
| 18 | 19 | 1 | 14 | 32 |
| 20 | 23 | 1 | 13 | 31 |
| 24 | 0 | 0 | 14 | 32 |
| 25 | 32 | 1 | 15 | 33 |
| 33 | 34 | 1 | 14 | 32 |
| 35 | 36 | 1 | 16 | 34 |
| 37 | 38 | 1 | 14 | 32 |
| 39 | 42 | 1 | 13 | 31 |
| 43 | 0 | 0 | 14 | 32 |
| 44 | 51 | 1 | 15 | 33 |
| 52 | 0 | 0 | 16 | 34 |
| 53 | 56 | 1 | 14 | 32 |
| 57 | 60 | 1 | 13 | 31 |
| 61 | 0 | 0 | 14 | 32 |
| 62 | 69 | 1 | 15 | 33 |
| 70 | 0 | 0 | 16 | 34 |
| 71 | 74 | 1 | 14 | 32 |
| 75 | 78 | 1 | 13 | 31 |
| 79 | 0 | 0 | 14 | 32 |
| 80 | 87 | 1 | 15 | 33 |
| 88 | 0 | 0 | 16 | 34 |
| 89 | 92 | 1 | 14 | 32 |
| 93 | 96 | 1 | 13 | 31 |
| 97 | 0 | 0 | 14 | 32 |
| 98 | 105 | 1 | 15 | 33 |
| 106 | 0 | 0 | 16 | 34 |
| 107 | 110 | 1 | 14 | 32 |
| 111 | 114 | 1 | 13 | 31 |
| 115 | 0 | 0 | 14 | 32 |
| 116 | 123 | 1 | 15 | 33 |
| 124 | 0 | 0 | 16 | 34 |
| 125 | 128 | 1 | 14 | 32 |
| 129 | 132 | 1 | 13 | 31 |
| 133 | 0 | 0 | 14 | 32 |
| 134 | 141 | 1 | 15 | 33 |
| 142 | 0 | 0 | 16 | 34 |
| 143 | 146 | 1 | 14 | 32 |
| 147 | 150 | 1 | 13 | 31 |
| 151 | 0 | 0 | 14 | 32 |
| 152 | 159 | 1 | 15 | 33 |
| 160 | 0 | 0 | 16 | 34 |
| 161 | 164 | 1 | 14 | 32 |
| 165 | 168 | 1 | 13 | 31 |
| 169 | 0 | 0 | 14 | 32 |
| 170 | 177 | 1 | 15 | 33 |
| 178 | 0 | 0 | 16 | 34 |
| 179 | 182 | 1 | 14 | 32 |
| 183 | 186 | 1 | 13 | 31 |
| 187 | 0 | 0 | 14 | 32 |
| 188 | 195 | 1 | 15 | 33 |
| 196 | 0 | 0 | 16 | 34 |
| 197 | 200 | 1 | 14 | 32 |
| 201 | 204 | 1 | 13 | 31 |
| 205 | 0 | 0 | 14 | 32 |
| 206 | 213 | 1 | 15 | 33 |
| 214 | 0 | 0 | 16 | 34 |
| 215 | 218 | 1 | 14 | 32 |
| 219 | 222 | 1 | 13 | 31 |
| 223 | 0 | 0 | 14 | 32 |
| 224 | 231 | 1 | 15 | 33 |
| 232 | 0 | 0 | 16 | 34 |
| 233 | 236 | 1 | 14 | 32 |
| 237 | 240 | 1 | 13 | 31 |
| 241 | 0 | 0 | 14 | 32 |
| 242 | 249 | 1 | 15 | 33 |
| 250 | 0 | 0 | 16 | 34 |
| 251 | 254 | 1 | 14 | 32 |
| 255 | 258 | 1 | 13 | 31 |
| 259 | 0 | 0 | 14 | 32 |
| 260 | 267 | 1 | 15 | 33 |
| 268 | 0 | 0 | 16 | 34 |
| 269 | 270 | 1 | 14 | 32 |
| 271 | 274 | 1 | 17 | 35 |
| 275 | 0 | 0 | 14 | 32 |
| 276 | 283 | 1 | 19 | 37 |

| | | | | |
|------|------|---|----|----|
| 284 | 0 | 0 | 18 | 36 |
| 285 | 333 | 1 | 14 | 32 |
| 334 | 338 | 1 | 11 | 27 |
| 339 | 479 | 1 | 12 | 28 |
| 480 | 493 | 1 | 11 | 27 |
| 494 | 0 | 0 | 9 | 17 |
| 495 | 496 | 1 | 8 | 16 |
| 497 | 521 | 1 | 7 | 15 |
| 522 | 629 | 1 | 8 | 16 |
| 630 | 638 | 1 | 7 | 15 |
| 639 | 645 | 1 | 8 | 16 |
| 646 | 647 | 1 | 9 | 17 |
| 648 | 652 | 1 | 8 | 16 |
| 653 | 0 | 0 | 9 | 17 |
| 654 | 655 | 1 | 8 | 16 |
| 656 | 673 | 1 | 7 | 15 |
| 674 | 781 | 1 | 8 | 16 |
| 782 | 790 | 1 | 7 | 15 |
| 791 | 797 | 1 | 8 | 16 |
| 798 | 799 | 1 | 9 | 17 |
| 800 | 804 | 1 | 8 | 16 |
| 805 | 808 | 1 | 10 | 18 |
| 809 | 0 | 0 | 9 | 17 |
| 810 | 811 | 1 | 8 | 16 |
| 812 | 829 | 1 | 7 | 15 |
| 830 | 937 | 1 | 8 | 16 |
| 938 | 946 | 1 | 7 | 15 |
| 947 | 953 | 1 | 8 | 16 |
| 954 | 955 | 1 | 9 | 17 |
| 956 | 960 | 1 | 8 | 16 |
| 961 | 964 | 1 | 10 | 18 |
| 965 | 967 | 1 | 7 | 15 |
| 968 | 0 | 0 | 9 | 17 |
| 969 | 972 | 1 | 7 | 15 |
| 973 | 0 | 0 | 9 | 17 |
| 974 | 980 | 1 | 7 | 15 |
| 981 | 0 | 0 | 9 | 17 |
| 982 | 983 | 1 | 51 | 1 |
| 984 | 986 | 1 | 55 | 11 |
| 987 | 989 | 1 | 56 | 13 |
| 990 | 993 | 1 | 54 | 8 |
| 994 | 996 | 1 | 53 | 7 |
| 997 | 1000 | 1 | 52 | 3 |
| 1001 | 1003 | 1 | 53 | 7 |
| 1004 | 1007 | 1 | 54 | 8 |
| 1008 | 1010 | 1 | 53 | 7 |
| 1011 | 1014 | 1 | 52 | 3 |
| 1015 | 1017 | 1 | 53 | 7 |
| 1018 | 1021 | 1 | 54 | 8 |
| 1022 | 1024 | 1 | 53 | 7 |
| 1025 | 1028 | 1 | 52 | 3 |
| 1029 | 1031 | 1 | 53 | 7 |
| 1032 | 1035 | 1 | 54 | 8 |
| 1036 | 1038 | 1 | 53 | 7 |
| 1039 | 1042 | 1 | 52 | 3 |
| 1043 | 1045 | 1 | 53 | 7 |
| 1046 | 1049 | 1 | 54 | 8 |
| 1050 | 1052 | 1 | 53 | 7 |
| 1053 | 1056 | 1 | 52 | 3 |
| 1057 | 1059 | 1 | 53 | 7 |
| 1060 | 1063 | 1 | 54 | 8 |
| 1064 | 1066 | 1 | 53 | 7 |
| 1067 | 1070 | 1 | 52 | 3 |
| 1071 | 1073 | 1 | 53 | 7 |
| 1074 | 1077 | 1 | 54 | 8 |
| 1078 | 1080 | 1 | 53 | 7 |
| 1081 | 1084 | 1 | 52 | 3 |
| 1085 | 1087 | 1 | 53 | 7 |
| 1088 | 1091 | 1 | 54 | 8 |
| 1092 | 1094 | 1 | 56 | 13 |
| 1095 | 1097 | 1 | 55 | 11 |
| 1098 | 1101 | 1 | 51 | 1 |
| 1102 | 1104 | 1 | 55 | 11 |
| 1105 | 1107 | 1 | 56 | 13 |
| 1108 | 1111 | 1 | 54 | 8 |
| 1112 | 1114 | 1 | 53 | 7 |
| 1115 | 1118 | 1 | 52 | 3 |
| 1119 | 1121 | 1 | 53 | 7 |
| 1122 | 1125 | 1 | 54 | 8 |
| 1126 | 1128 | 1 | 53 | 7 |
| 1129 | 1132 | 1 | 52 | 3 |
| 1133 | 1135 | 1 | 53 | 7 |
| 1136 | 1139 | 1 | 54 | 8 |
| 1140 | 1142 | 1 | 53 | 7 |
| 1143 | 1146 | 1 | 52 | 3 |
| 1147 | 1149 | 1 | 53 | 7 |
| 1150 | 1153 | 1 | 54 | 8 |
| 1154 | 1156 | 1 | 53 | 7 |
| 1157 | 1160 | 1 | 52 | 3 |
| 1161 | 1163 | 1 | 53 | 7 |
| 1164 | 1167 | 1 | 54 | 8 |
| 1168 | 1170 | 1 | 53 | 7 |
| 1171 | 1174 | 1 | 52 | 3 |
| 1175 | 1177 | 1 | 53 | 7 |
| 1178 | 1181 | 1 | 54 | 8 |
| 1182 | 1184 | 1 | 53 | 7 |
| 1185 | 1188 | 1 | 52 | 3 |
| 1189 | 1191 | 1 | 53 | 7 |
| 1192 | 1195 | 1 | 54 | 8 |
| 1196 | 1198 | 1 | 53 | 7 |
| 1199 | 1201 | 1 | 55 | 11 |
| 1202 | 1209 | 1 | 51 | 1 |
| 1210 | 1212 | 1 | 55 | 11 |
| 1213 | 1215 | 1 | 56 | 13 |
| 1216 | 1219 | 1 | 54 | 8 |

| | | | | |
|------|------|---|----|----|
| 1220 | 1222 | 1 | 53 | 7 |
| 1223 | 1226 | 1 | 52 | 3 |
| 1227 | 1229 | 1 | 53 | 7 |
| 1230 | 1233 | 1 | 54 | 8 |
| 1234 | 1236 | 1 | 53 | 7 |
| 1237 | 1240 | 1 | 52 | 3 |
| 1241 | 1243 | 1 | 53 | 7 |
| 1244 | 1247 | 1 | 54 | 8 |
| 1248 | 1250 | 1 | 53 | 7 |
| 1251 | 1254 | 1 | 52 | 3 |
| 1255 | 1257 | 1 | 53 | 7 |
| 1258 | 1261 | 1 | 54 | 8 |
| 1262 | 1264 | 1 | 53 | 7 |
| 1265 | 1268 | 1 | 52 | 3 |
| 1269 | 1271 | 1 | 53 | 7 |
| 1272 | 1275 | 1 | 54 | 8 |
| 1276 | 1278 | 1 | 53 | 7 |
| 1279 | 1282 | 1 | 52 | 3 |
| 1283 | 1285 | 1 | 53 | 7 |
| 1286 | 1289 | 1 | 54 | 8 |
| 1290 | 1292 | 1 | 53 | 7 |
| 1293 | 1296 | 1 | 52 | 3 |
| 1297 | 1299 | 1 | 53 | 7 |
| 1300 | 1303 | 1 | 54 | 8 |
| 1304 | 1306 | 1 | 53 | 7 |
| 1307 | 1310 | 1 | 52 | 3 |
| 1311 | 1313 | 1 | 53 | 7 |
| 1314 | 1317 | 1 | 54 | 8 |
| 1318 | 1320 | 1 | 56 | 13 |
| 1321 | 1323 | 1 | 55 | 11 |
| 1324 | 1327 | 1 | 51 | 1 |
| 1328 | 1330 | 1 | 55 | 11 |
| 1331 | 1333 | 1 | 56 | 13 |
| 1334 | 1337 | 1 | 54 | 8 |
| 1338 | 1340 | 1 | 53 | 7 |
| 1341 | 1344 | 1 | 52 | 3 |
| 1345 | 1347 | 1 | 53 | 7 |
| 1348 | 1351 | 1 | 54 | 8 |
| 1352 | 1354 | 1 | 53 | 7 |
| 1355 | 1358 | 1 | 52 | 3 |
| 1359 | 1361 | 1 | 53 | 7 |
| 1362 | 1365 | 1 | 54 | 8 |
| 1366 | 1368 | 1 | 53 | 7 |
| 1369 | 1372 | 1 | 52 | 3 |
| 1373 | 1375 | 1 | 53 | 7 |
| 1376 | 1379 | 1 | 54 | 8 |
| 1380 | 1382 | 1 | 53 | 7 |
| 1383 | 1386 | 1 | 52 | 3 |
| 1387 | 1389 | 1 | 53 | 7 |
| 1390 | 1393 | 1 | 54 | 8 |
| 1394 | 1396 | 1 | 53 | 7 |
| 1397 | 1400 | 1 | 52 | 3 |
| 1401 | 1403 | 1 | 53 | 7 |
| 1404 | 1407 | 1 | 54 | 8 |
| 1408 | 1410 | 1 | 53 | 7 |
| 1411 | 1414 | 1 | 52 | 3 |
| 1415 | 1417 | 1 | 53 | 7 |
| 1418 | 1421 | 1 | 54 | 8 |
| 1422 | 1424 | 1 | 53 | 7 |
| 1425 | 1427 | 1 | 55 | 11 |
| 1428 | 1433 | 1 | 51 | 1 |
| 1434 | 1441 | 1 | 10 | 18 |
| 1442 | 0 | 0 | 14 | 32 |
| 1443 | 1507 | 1 | 20 | 4 |

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 248
 TOTAL NUMBER OF ELEMENTS = 1507
 LARGEST ELEMENT NUMBER = 1507
 LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 56
 DATA STORAGE LOCATIONS USED = 4521

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

MATERIAL

giunti
 7 KX = 1.000 KY = 1.000 KZ = 1.000 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

Incastro
 8 KX = 0.1000E+13 KY = 0.1000E+13 KZ = 0.1000E+13 KTX = 0.1000E+13 KTY = 0.1000E+13 KTZ =
 0.1000E+13

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

MATERIAL

HDRB2
9 KX = 0.3530E+07 KY = 0.3530E+07 KZ = 0.2331E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

HDRB1
10 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

UL
11 KX = 1.000 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 1.000 KTY = 1.000 KTZ = 1.000

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

MATERIAL

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

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

MATERIAL

rigido (elastic)
3 E = 0.1000E+13 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.0000E+00 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3 (elastic) - compound BDM_Phase3
1 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

rigid_cls_pulvini (elastic)
4 E = 0.2100E+15 NU = 0.3000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_sottostrutture (elastic)
5 E = 0.3335E+11 NU = 0.2000 RHO = 2500. ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
TEMP = 0.0000E+00

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

MATERIAL

Concrete_short_term_Phase3_el_sol (elastic)
 6 E = 0.3335E+11 NU = 0.2000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 490

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

| SHRINKAGE SET | FIRST KO ELEMENT SET | LAST SMEARED REINFORCEMENT ELEMENT SET | DIFF-ERENCE | MATERIAL SET | NSET | STRESS PLASTIC | POTENTIAL DATA SET | CREEP SET | DAMAGE SET | LusasM ID NO. | VISCOELASTIC SET | TWO PHASE MATERIAL SET |
|---------------|----------------------|--|-------------|--------------|------|----------------|--------------------|-----------|------------|---------------|------------------|------------------------|
| 0 | 0 | 1 | 4 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 5 | 8 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 10 | 17 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 18 | 19 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 20 | 23 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 24 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 25 | 32 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 33 | 34 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 35 | 36 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 37 | 38 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 39 | 42 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 43 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 44 | 52 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 53 | 56 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 57 | 60 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 61 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 62 | 70 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 71 | 74 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 75 | 78 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 79 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 80 | 88 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 89 | 92 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 93 | 96 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 97 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 98 | 106 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 107 | 110 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 111 | 114 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 115 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 116 | 124 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 125 | 128 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 129 | 132 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 133 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 134 | 142 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 143 | 146 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 147 | 150 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 151 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 152 | 160 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 161 | 164 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 165 | 168 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 169 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 170 | 178 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |

| | | | | | | | | | | | | | |
|---|---|------|---|------|---|----|---|---|---|---|----|---|---|
| 0 | 0 | 179 | 0 | 182 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 183 | 0 | 186 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 187 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 188 | 0 | 196 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 197 | 0 | 200 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 201 | 0 | 204 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 205 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 206 | 0 | 214 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 215 | 0 | 218 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 219 | 0 | 222 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 223 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 224 | 0 | 232 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 233 | 0 | 236 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 237 | 0 | 240 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 241 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 242 | 0 | 250 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 251 | 0 | 254 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 255 | 0 | 258 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 259 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 260 | 0 | 268 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 269 | 0 | 270 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 271 | 0 | 274 | 1 | 4 | 0 | 0 | 0 | 0 | 21 | 0 | 0 |
| 0 | 0 | 275 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 276 | 0 | 284 | 1 | 5 | 0 | 0 | 0 | 0 | 22 | 0 | 0 |
| 0 | 0 | 285 | 0 | 333 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 334 | 0 | 493 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 494 | 0 | 981 | 1 | 6 | 0 | 0 | 0 | 0 | 28 | 0 | 0 |
| 0 | 0 | 982 | 0 | 1433 | 1 | 1 | 0 | 0 | 0 | 0 | 17 | 0 | 0 |
| 0 | 0 | 1434 | 0 | 1441 | 1 | 6 | 0 | 0 | 0 | 0 | 28 | 0 | 0 |
| 0 | 0 | 1442 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 0 | 0 | 1443 | 0 | 1444 | 1 | 10 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| 0 | 0 | 1445 | 0 | 1458 | 1 | 9 | 0 | 0 | 0 | 0 | 10 | 0 | 0 |
| 0 | 0 | 1459 | 0 | 1462 | 1 | 10 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| 0 | 0 | 1463 | 0 | 1478 | 1 | 9 | 0 | 0 | 0 | 0 | 10 | 0 | 0 |
| 0 | 0 | 1479 | 0 | 1480 | 1 | 10 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| 0 | 0 | 1481 | 0 | 1483 | 1 | 7 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 0 | 0 | 1484 | 0 | 1501 | 1 | 8 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| 0 | 0 | 1502 | 0 | 1507 | 1 | 11 | 0 | 0 | 0 | 0 | 29 | 0 | 0 |

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 80

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

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

C O N S T R A I N T E Q U A T I O N S

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | THX | 1.00000 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | THY | 1.00000 |
| 2611 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | THZ | 1.00000 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | THX | 1.00000 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | THY | 1.00000 |
| 2611 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | THZ | 1.00000 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | V | 1.00000 |
| 2611 | 0 | 0 | V | -1.00000 |
| 2611 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | W | 0.285714 |
| 2611 | 0 | 0 | W | -0.285714 |
| 2611 | 0 | 0 | THX | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | V | 1.00000 |
| 2611 | 0 | 0 | V | -1.00000 |
| 2611 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | W | 0.285714 |
| 2611 | 0 | 0 | W | -0.285714 |
| 2611 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2581 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2582 | 0 | 0 | U | 0.285714 |
| 2611 | 0 | 0 | U | -0.285714 |
| 2611 | 0 | 0 | THY | -0.114286 |
| 2611 | 0 | 0 | THZ | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THX | 1.00000 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THY | 1.00000 |
| 2612 | 0 | 0 | THY | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | THZ | 1.00000 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | 1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | V | 1.00000 |
| 2612 | 0 | 0 | V | -1.00000 |
| 2612 | 0 | 0 | THX | 0.400000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | W | 0.285714 |
| 2612 | 0 | 0 | W | -0.285714 |
| 2612 | 0 | 0 | THX | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2583 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | -1.00000 |

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

| FIRST NODE | LAST NODE | DIFF RNCE | FREEDOM TYPE | COEFFICIENT |
|------------|-----------|-----------|--------------|-------------|
| 2584 | 0 | 0 | U | 0.285714 |
| 2612 | 0 | 0 | U | -0.285714 |
| 2612 | 0 | 0 | THY | -0.114286 |
| 2612 | 0 | 0 | THZ | 1.000000 |

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 24
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
 LARGEST NODE NUMBER ENCOUNTERED = 2612

DATA STORAGE LOCATIONS USED = 227

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

F = FREE
 R = RESTRAINED OR RESTRAINED WITH PRESCRIBED DISPLACEMENT
 S = SPRING
 P1 = VISCOUS TRANSMITTING (PRESSURE WAVE): EXPLICIT DEFINITION
 P2 = VISCOUS TRANSMITTING (PRESSURE WAVE): AUTOMATIC CALCULATION
 Z1 = VISCOUS TRANSMITTING (SHEAR WAVE): EXPLICIT DEFINITION
 Z2 = VISCOUS TRANSMITTING (SHEAR WAVE): AUTOMATIC CALCULATION

| FIRST SUPPORT NODE | LAST SUPPORT NODE | DIFF RNCE | SUPPORT CONDITION | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT | SPRING CONSTANT |
|--------------------|-------------------|-----------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 2585 | 2604 | 1 | R R R R R R R | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

TOTAL NUMBER OF SUPPORT NODES = 20
 LARGEST NODE NUMBER = 2604

DATA STORAGE LOCATIONS USED = 210

L O A D C A S E 70

VSM_SLV_SET_A_S1_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2586 | 0 | 0 | 0.143949 | -*- | -*- | -*- | -*- | -*- |
| 2587 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2588 | 0 | 0 | 0.122356E-01 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | 0.296894E-01 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | 0.471432E-01 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | 0.645970E-01 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | 0.820507E-01 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | 0.995045E-01 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | 0.116958 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | 0.129194 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | 0.141430 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 2604 | 1 | 0.143949 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 71

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 74

VSM_SLV_SET_B_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---------------|--------------|------|---------------|---------|---------|---------|---------|---------|
| 2585 | 0 | 0 | 0.305891E-02 | -*- | -*- | -*- | -*- | -*- |
| 2586 | 0 | 0 | -0.305891E-02 | -*- | -*- | -*- | -*- | -*- |
| 2587 | 0 | 0 | 0.305891E-02 | -*- | -*- | -*- | -*- | -*- |
| 2588 | 0 | 0 | -0.371118E-02 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -0.371118E-02 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | 0.305891E-02 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -0.371118E-02 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | 0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -0.436344E-02 | -*- | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | 0.371118E-02 | -*- | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | -0.305891E-02 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 75

VSM_SLV_SET_B_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---------------|--------------|------|---------|---------------|---------|---------|---------|---------|
| 2585 | 0 | 0 | -*- | 0.305891E-02 | -*- | -*- | -*- | -*- |
| 2586 | 0 | 0 | -*- | -0.305891E-02 | -*- | -*- | -*- | -*- |
| 2587 | 0 | 0 | -*- | 0.305891E-02 | -*- | -*- | -*- | -*- |
| 2588 | 0 | 0 | -*- | -0.371118E-02 | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -*- | -0.371118E-02 | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | -*- | 0.305891E-02 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | -0.371118E-02 | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | -*- | 0.436344E-02 | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -*- | -0.436344E-02 | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | -*- | 0.371118E-02 | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | -*- | -0.305891E-02 | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 76

VSM_SLC_SET_A_S1_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---------------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 2587 | 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2588 | 0 | 0 | 0.156418E-01 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | 0.379544E-01 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | 0.602670E-01 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | 0.825795E-01 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | 0.104892 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | 0.127205 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | 0.149517 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | 0.165159 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | 0.180801 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 2604 | 1 | 0.184021 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 77

VSM_SLC_SET_A_S1_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---------------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 2587 | 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 2588 | 0 | 0 | -*- | 0.156418E-01 | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | -*- | 0.379544E-01 | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -*- | 0.602670E-01 | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | -*- | 0.825795E-01 | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -*- | 0.104892 | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | -*- | 0.127205 | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -*- | 0.149517 | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | -*- | 0.165159 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | 0.180801 | -*- | -*- | -*- | -*- |
| 2597 | 2604 | 1 | -*- | 0.184021 | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 78

VSM_SLC_SET_A_S2_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|---------------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 2587 | 2 | 0.184021 | -*- | -*- | -*- | -*- | -*- |
| 2588 | 2595 | 1 | 0.184021 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | 0.171830 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | 0.149517 | -*- | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | 0.127205 | -*- | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | 0.104892 | -*- | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | 0.825795E-01 | -*- | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | 0.602670E-01 | -*- | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | 0.379544E-01 | -*- | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | 0.156418E-01 | -*- | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 79

VSM_SLC_SET_A_S2_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2585 | 2587 | 2 | -*- | 0.184021 | -*- | -*- | -*- | -*- |
| 2588 | 2595 | 1 | -*- | 0.184021 | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | 0.171830 | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | -*- | 0.149517 | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -*- | 0.127205 | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | -*- | 0.104892 | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -*- | 0.825795E-01 | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | -*- | 0.602670E-01 | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -*- | 0.379544E-01 | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | -*- | 0.156418E-01 | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

NUMBER OF LOADED NODES OR ELEMENTS = 19
 LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 80

VSM_SLC_SET_B_x

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|---------------|---------|---------|---------|---------|---------|
| 2585 | 2587 | 2 | 0.391045E-02 | -*- | -*- | -*- | -*- | -*- |
| 2588 | 0 | 0 | -0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | 0.391045E-02 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | 0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | -0.391045E-02 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 19
 LARGEST NODE OR ELEMENT NUMBER = 2604

L O A D C A S E 81

VSM_SLC_SET_B_y

TPDSP LOAD INPUT

NUMBER OF VALUES = 6 START LOCATION = 1

| FIRST NODE | LAST NODE | DIFF | VALUE 1 | VALUE 2 | VALUE 3 | VALUE 4 | VALUE 5 | VALUE 6 |
|------------|-----------|------|---------|---------|---------|---------|---------|---------|
|------------|-----------|------|---------|---------|---------|---------|---------|---------|

| NODE | NODE | | | | | | | | |
|------|------|---|-----|---------------|-----|-----|-----|-----|-----|
| 2585 | 2587 | 2 | -*- | 0.391045E-02 | -*- | -*- | -*- | -*- | -*- |
| 2588 | 0 | 0 | -*- | -0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2589 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2590 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2591 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2592 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2593 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2594 | 0 | 0 | -*- | -0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2595 | 0 | 0 | -*- | 0.391045E-02 | -*- | -*- | -*- | -*- | -*- |
| 2596 | 0 | 0 | -*- | -0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2597 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2598 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2599 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2600 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2601 | 0 | 0 | -*- | 0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2602 | 0 | 0 | -*- | -0.557814E-02 | -*- | -*- | -*- | -*- | -*- |
| 2603 | 0 | 0 | -*- | 0.474430E-02 | -*- | -*- | -*- | -*- | -*- |
| 2604 | 0 | 0 | -*- | -0.391045E-02 | -*- | -*- | -*- | -*- | -*- |

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 2604

DATA STORAGE LOCATIONS USED = 1590

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

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

| FIRST ELT | LAST ELT | DIFF RNCE | OUTPUT CONTROL | AVERAGED NODAL VALUES GROUP | NODAL FORCE OUTPUT GROUP | HISTORY CONTROL | PLOT FILE CONTROL |
|-----------|----------|-----------|----------------|-----------------------------|--------------------------|-----------------|-------------------|
| 1 | 1507 | 1 | 0 | 0 | 0 | 0 | 0 |

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1507
LARGEST ELEMENT NUMBER INPUT = 1507
LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

| FIRST NODE | LAST NODE | DIFF RNCE | OUTPUT CONTROL | HISTORY CONTROL |
|------------|-----------|-----------|----------------|-----------------|
| 1 | 2742 | 1 | 0 | 0 |

TOTAL NUMBER OF NODE OUTPUT SETS = 1
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 2742
LARGEST NODE OUTPUT CONTROL NUMBER = 0
LARGEST NODE HISTORY CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 0

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

TOTAL NUMBER OF ELEMENTS = 1507
TOTAL NUMBER OF CONSTRAINTS = 24
TOTAL NUMBER OF NODES = 2742
TOTAL NUMBER OF SUPPORT NODES = 20
TOTAL NUMBER OF LOADING CASES = 12

LOCATIONS USED DURING DATA PROCESSING = 157325848
LOCATIONS AVAILABLE = 196608000

TIME USED TO PROCESS INPUT DATA = 0.23600 SEC.

TIME AT CENTRAL PROCESSOR = 8:39:41 ON 22/06/23 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1507
INITIAL ESTIMATE OF NUMBER OF FACES IN STRUCTURE = 0

WARNING THE FAST PARALLEL SOLVER WILL BE USED AS DEFAULT IF
CONSTRAINT EQUATIONS ARE PRESENT - EXPLICITLY SPECIFYING
THE SOLVER TYPE WILL OVERRIDE (SOLTYP PROCESSOR)

WARNING NODES 2585 AND 2567 FOR ELEMENT NUMBER 1481 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

WARNING NODES 2570 AND 2573 FOR ELEMENT NUMBER 1482 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1000 (BMTJNT PROCESSOR)

WARNING NODES 2586 AND 2576 FOR ELEMENT NUMBER 1483 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 1.000 (BMTJNT PROCESSOR)

ESTIMATE OF MODEL GEOMETRIC PROPERTIES AND LOADING

| MATERIAL SET | GEOMETRIC SUMMARY | | | ELEMENT MASS KG | CENTRE OF GRAVITY | | |
|----------------------|-------------------|--------------|--------------|-----------------|-------------------|--------------|--------------|
| | LENGTH M | AREA sq M | VOLUME cu M | | X-COORD M | Y-COORD M | Z-COORD M |
| 3 | 178.300 | 0.000000E+00 | 1783.00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 146.560 | 0.000000E+00 | 693.870 | 0.173468E+07 | 21.7698 | 5.62500 | -4.25000 |
| 5 | 83.0500 | 0.000000E+00 | 2142.04 | 0.535509E+07 | 25.4711 | 5.62500 | -9.38250 |
| 2 | 1120.00 | 0.000000E+00 | 29.9510 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 1857.71 | 0.000000E+00 | 2596.01 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 1537.04 | 0.000000E+00 | 0.863810E-04 | 0.215953 | 24.0429 | 5.62500 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 2.10000 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 4924.76 | 0.000000E+00 | 7244.87 | 0.708976E+07 | 24.5655 | 5.62500 | -8.12671 |

| MATERIAL SET | MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGIN AT (0,0,0) | | | | | |
|----------------------|---|--------------|--------------|---------------|--------------|--------------|
| | Ixx KG M **2 | Iyy KG M **2 | Izz KG M **2 | Ixy KG M **2 | Iyz KG M **2 | Ixz KG M **2 |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 0.101134E+09 | 0.745661E+11 | 0.746046E+11 | -0.212420E+09 | 0.414696E+08 | 0.160495E+09 |
| 5 | 0.654655E+09 | 0.223137E+12 | 0.222821E+12 | -0.767250E+09 | 0.282623E+09 | 0.154437E+10 |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 9.47829 | 10692.9 | 10702.4 | -29.2057 | 0.000000E+00 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 0.755789E+09 | 0.297703E+12 | 0.297426E+12 | -0.979670E+09 | 0.324093E+09 | 0.170486E+10 |

| MATERIAL SET | MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGINS AT CENTROIDS | | | | | |
|----------------------|--|--------------|--------------|---------------|--------------|--------------|
| | Ixx KG M **2 | Iyy KG M **2 | Izz KG M **2 | Ixy KG M **2 | Iyz KG M **2 | Ixz KG M **2 |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 4 | 0.149151E+08 | 0.737127E+11 | 0.737276E+11 | -0.298023E-07 | 0.000000E+00 | 0.178814E-06 |
| 5 | 0.138015E+08 | 0.219191E+12 | 0.219178E+12 | 0.357628E-06 | 0.172853E-05 | 0.264594E+09 |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 1 | 2.64542 | 10568.0 | 10570.7 | 0.142109E-13 | 0.000000E+00 | 0.000000E+00 |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| TOTALS FOR STRUCTURE | 0.632318E+08 | 0.292957E+12 | 0.292923E+12 | 0.476837E-06 | 0.154972E-05 | 0.289485E+09 |

| MATERIAL SET | PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES | | | | | |
|----------------------|--|---------------|---------------|----------------------|---------------------|----------------------|
| | I 11 KG M **2 | I 22 KG M **2 | I 33 KG M **2 | PRINCIPAL DIRECTIONS | | |
| 3 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 4 | 0.737276E+11 | 0.737127E+11 | 0.737127E+11 | (0.00, 0.00, 1.00) | (0.00, 1.00, 0.00) | (1.00, 0.00, -0.00) |
| 5 | 0.219191E+12 | 0.219178E+12 | 0.219178E+12 | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | (1.00, 0.00, -0.00) |
| 2 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 6 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 1 | 10570.7 | 10568.0 | 10570.7 | (0.00, 0.00, 1.00) | (0.00, 1.00, 0.00) | (1.00, 0.00, 0.00) |
| 10 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 9 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 7 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 8 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| 11 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | (1.00, 0.00, 0.00) | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) |
| TOTALS FOR STRUCTURE | 0.292957E+12 | 0.292923E+12 | 0.629457E+08 | (0.00, 1.00, 0.00) | (0.00, 0.00, 1.00) | (1.00, 0.00, -0.00) |

| FORCE OUTPUT GROUP | RESULTANT APPLIED LOAD AT ORIGIN IN GLOBAL DIRECTIONS | | | | | |
|----------------------|---|--------------|--------------|--------------|--------------|--------------|
| | Fx N | Fy N | Fz N | Mx N .M | My N .M | Mz N .M |
| LOAD CASE 70 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 71 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 72 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 73 | | | | | | |
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE 74 | | | | | | |

| | | | | | | |
|--------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| TOTALS FOR STRUCTURE | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE TOTALS FOR STRUCTURE | 75 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE TOTALS FOR STRUCTURE | 76 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE TOTALS FOR STRUCTURE | 77 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE TOTALS FOR STRUCTURE | 78 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE TOTALS FOR STRUCTURE | 79 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE TOTALS FOR STRUCTURE | 80 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |
| LOAD CASE TOTALS FOR STRUCTURE | 81 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 | 0.000000E+00 |

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2155

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.20000E-02 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 72010

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 8028285
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7020
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7020
TOTAL NO. OF EQUATIONS = 7044
TOTAL NO. OF ACTIVE NODES = 1170

NUMBER OF ELEMENT GROUPS = 2
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1442

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 1328499
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 4725586
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 1562114
TOTAL SIZE OF ELEMENT DATA RECORDS = 1394024
TOTAL SIZE OF ELEMENT RESULT RECORDS = 4798351
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 40912
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 199525

TIME FOR PRE-SOLUTION PROCESS = 0.20000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 8:39:41 ON 22/06/23 (DAY/MTH/YR)

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

=====

= Parallel multifrontal solver statistics =

=====

Solving symmetric indefinite matrix
Minimum degree equation re-ordering algorithm used
Number of nonzeros in L and U = 106311
Number of iterative refinement steps = 4
Number of positive eigenvalues = 6900
Number of negative eigenvalues = 24
Peak memory used during analysis and symbolic factorisation (MB) = 4.45
Total peak memory used during solve (MB) = 7.06
In-memory/out-of-memory solution executed

| | | | |
|--|----|---|-------------|
| FINAL RELATIVE ERROR CONSTANT FOR SOLUTION | 1 | = | 0.89134E-21 |
| FINAL RELATIVE ERROR CONSTANT FOR SOLUTION | 2 | = | 0.34966E-19 |
| FINAL RELATIVE ERROR CONSTANT FOR SOLUTION | 3 | = | 0.89937E-21 |
| FINAL RELATIVE ERROR CONSTANT FOR SOLUTION | 4 | = | 0.41137E-19 |
| FINAL RELATIVE ERROR CONSTANT FOR SOLUTION | 5 | = | 0.37581E-21 |
| FINAL RELATIVE ERROR CONSTANT FOR SOLUTION | 6 | = | 0.44233E-22 |
| FINAL RELATIVE ERROR CONSTANT FOR SOLUTION | 7 | = | 0.79692E-21 |
| FINAL RELATIVE ERROR CONSTANT FOR SOLUTION | 8 | = | 0.21101E-19 |
| FINAL RELATIVE ERROR CONSTANT FOR SOLUTION | 9 | = | 0.68832E-21 |
| FINAL RELATIVE ERROR CONSTANT FOR SOLUTION | 10 | = | 0.22885E-19 |
| FINAL RELATIVE ERROR CONSTANT FOR SOLUTION | 11 | = | 0.16617E-21 |
| FINAL RELATIVE ERROR CONSTANT FOR SOLUTION | 12 | = | 0.40554E-22 |

TOTAL ELAPSED TIME USED SOLVING EQUATIONS = 0 HRS 0 MINS 0 SECS

LOCATIONS USED DURING POST-SOLUTION PROCESS = 8171420
LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1347
ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.50600 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.76400 SEC.
TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 1 SECS
TIME AT CENTRAL PROCESSOR = 8:39:42 ON 22/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

| Disk Unit Name | Disk Page Size (Bytes) | Calls to I/O Routines | Buffered Transfers | Disk Accesses | Page Table Swaps | Peak File Size (Mbytes) |
|----------------|------------------------|-----------------------|--------------------|---------------|------------------|-------------------------|
| PROBLEM | 16384 | 180 | 3258 | 1909 | 0 | 28.39062 |
| FRONTAL | 16384 | 0 | 0 | 0 | 0 | 0.1562500E-01 |
| SHAPES | 16384 | 6 | 101 | 74 | 0 | 1.140625 |
| PLOT | 16384 | 18137 | 21877 | 3685 | 0 | 59.01562 |
| RESTART | 0 | 0 | 0 | 0 | 0 | 0.0000000E+00 |

LUSAS RUN SUCCESSFULLY COMPLETED