

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
08.01 VIADOTTO MARROGGIA

Allegato alla relazione di calcolo impalcato - Tabulati

CODICE PROGETTO			NOME FILE	REVISIONE	SCALA:
PROGETTO	LIV. PROG.	ANNO	T00V101STRRE12A		
DTPG143	E	23	CODICE ELAB. T00V101STRRE12	A	-
A	Emissione		Ago 2023	C.Margheriti	F.Durastanti
REV.	DESCRIZIONE		DATA	REDATTO	VERIFICATO
					APPROVATO

TIME AT CENTRAL PROCESSOR = 16:33:25 ON 23/06/23 (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

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LL UU UU SS SS AA AA SS SS
LL UU UU SS AA AA SS
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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

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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\VI01_marroggia\LUSASFiles32\Marroggia_rev01_g\Marroggia_rev01_g~01_Fasel.dat

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

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 16:33:27 ON 23/06/23 (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			
1599	2874	1186	2906	2907
1600	2875	1386	2908	2909
1601	2876	2877	2910	2911
1602	2878	1390	2912	2913
1603	2879	1590	2914	2915
1604	2880	2881	2916	2917
1605	2882	1594	2918	2919
1606	2883	1794	2920	2921
1607	2885	2884	2922	2923
1608	2886	1798	2924	2925
1609	2887	1938	2926	2927
1610	2888	2889	2928	2929
1611	2890	1947	2930	2931
1612	2891	2552	2932	2933
1613	2893	2892	2934	2935
1614	2894	2562	2936	2937
1615	2895	2702	2938	2939
1616	2897	2896	2940	2941
1617	2898	2706	2942	2943
1618	2899	978	2944	2945
1619	2901	2900	2946	2947
1620	2902	982	2948	2949
1621	2282	5	2950	2951
1622	2298	18	2952	2953
1623	2300	30	2954	2955
1624	2302	42	2956	2957
1625	2304	60	2958	2959
1626	2306	72	2960	2961
1627	2308	90	2962	2963
1628	2284	102	2964	2965
1629	2310	114	2966	2967
1630	2312	132	2968	2969
1631	2314	144	2970	2971
1632	2316	162	2972	2973
1633	2318	174	2974	2975
1634	2320	186	2976	2977
1635	2322	204	2978	2979
1636	2324	216	2980	2981
1637	2326	234	2982	2983
1638	2286	246	2984	2985
1639	2328	258	2986	2987
1640	2330	276	2988	2989
1641	2332	288	2990	2991
1642	2334	306	2992	2993
1643	2336	318	2994	2995
1644	2338	342	2996	2997
1645	2340	360	2998	2999
1646	2342	372	3000	3001
1647	2344	390	3002	3003
1648	2288	402	3004	3005
1649	2346	414	3006	3007
1650	2348	432	3008	3009
1651	2350	444	3010	3011
1652	2352	462	3012	3013
1653	2354	474	3014	3015
1654	2356	486	3016	3017
1655	2358	504	3018	3019
1656	2360	516	3020	3021
1657	2362	534	3022	3023
1658	2290	546	3024	3025
1659	2364	558	3026	3027
1660	2366	576	3028	3029
1661	2368	588	3030	3031
1662	2370	606	3032	3033
1663	2372	618	3034	3035
1664	2374	630	3036	3037
1665	2376	648	3038	3039
1666	2378	660	3040	3041
1667	2380	678	3042	3043
1668	2292	690	3044	3045
1669	2382	702	3046	3047
1670	2384	720	3048	3049
1671	2386	732	3050	3051
1672	2388	750	3052	3053
1673	2390	762	3054	3055
1674	2392	774	3056	3057
1675	2394	792	3058	3059
1676	2396	804	3060	3061
1677	2398	822	3062	3063
1678	2294	834	3064	3065
1679	2400	846	3066	3067

1680	2402	864	3068	3069
1681	2404	876	3070	3071
1682	2406	894	3072	3073
1683	2408	906	3074	3075
1684	2410	924	3076	3077
1685	2296	936	3078	3079
1686	2903	1182	3080	3081
1687	2904	2905	3082	3083

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)
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BMI21	ELEMENTS		
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3	7	8	9
4	2	10	11
5	5	12	13
6	8	14	15
7	10	16	17
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392	780	786	787
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414	824	830	831
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418	832	838	839
419	834	840	841
420	836	842	843
421	838	844	845
422	840	846	847
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424	844	850	851
425	846	852	853
426	848	854	855
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443	882	888	889
444	884	890	891
445	886	892	893
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447	890	896	897
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449	894	900	901
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451	898	904	905
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454	904	910	911
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459	914	920	921
460	916	922	923
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465	926	932	933
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467	930	936	937
468	932	938	939
469	934	940	941
470	936	942	943
471	938	944	945
472	224	946	947
473	946	948	949
474	953	951	956
475	232	953	957
476	234	232	958
477	234	236	959
478	236	954	960
479	954	955	961
480	962	963	966
481	963	238	967
482	238	240	968
483	240	242	969
484	242	964	970
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1199	2270	2267	2271
1200	2272	2273	2274
1201	2275	2272	2276
1202	2277	2278	2279
1203	2280	2277	2281
1204	1958	2282	2283
1205	1993	2284	2285
1206	2043	2286	2287
1207	2093	2288	2289
1208	2142	2290	2291
1209	2192	2292	2293
1210	2242	2294	2295
1211	2277	2296	2297
1212	1963	2298	2299
1213	1968	2300	2301
1214	1973	2302	2303
1215	1978	2304	2305
1216	1983	2306	2307
1217	1988	2308	2309
1218	1998	2310	2311
1219	2003	2312	2313
1220	2008	2314	2315
1221	2013	2316	2317
1222	2018	2318	2319
1223	2023	2320	2321
1224	2028	2322	2323
1225	2033	2324	2325
1226	2038	2326	2327
1227	2048	2328	2329
1228	2053	2330	2331
1229	2058	2332	2333
1230	2063	2334	2335
1231	2068	2336	2337
1232	2073	2338	2339
1233	2078	2340	2341
1234	2083	2342	2343
1235	2088	2344	2345
1236	2097	2346	2347
1237	2102	2348	2349
1238	2107	2350	2351
1239	2112	2352	2353
1240	2117	2354	2355
1241	2122	2356	2357
1242	2127	2358	2359

1243	2132	2360	2361
1244	2137	2362	2363
1245	2147	2364	2365
1246	2152	2366	2367
1247	2157	2368	2369
1248	2162	2370	2371
1249	2167	2372	2373
1250	2172	2374	2375
1251	2177	2376	2377
1252	2182	2378	2379
1253	2187	2380	2381
1254	2197	2382	2383
1255	2202	2384	2385
1256	2207	2386	2387
1257	2212	2388	2389
1258	2217	2390	2391
1259	2222	2392	2393
1260	2227	2394	2395
1261	2232	2396	2397
1262	2237	2398	2399
1263	2247	2400	2401
1264	2252	2402	2403
1265	2257	2404	2405
1266	2262	2406	2407
1267	2267	2408	2409
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1270	1960	8	2413
1271	1962	16	2414
1272	1965	20	2415
1273	1967	28	2416
1274	1970	32	2417
1275	1972	40	2418
1276	1975	44	2419
1277	1977	58	2420
1278	1980	62	2421
1279	1982	70	2422
1280	1985	74	2423
1281	1987	88	2424
1282	1990	92	2425
1283	1992	100	2426
1284	1995	104	2427
1285	1997	112	2428
1286	2000	116	2429
1287	2002	130	2430
1288	2005	134	2431
1289	2007	142	2432
1290	2010	146	2433
1291	2012	160	2434
1292	2015	164	2435
1293	2017	172	2436
1294	2020	176	2437
1295	2022	184	2438
1296	2025	188	2439
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1304	2045	248	2447
1305	2047	256	2448
1306	2050	260	2449
1307	2052	274	2450
1308	2055	278	2451
1309	2057	286	2452
1310	2060	290	2453
1311	2062	304	2454
1312	2065	308	2455
1313	2067	316	2456
1314	2070	320	2457
1315	2072	340	2458
1316	2075	344	2459
1317	2077	358	2460
1318	2080	362	2461
1319	2082	370	2462
1320	2085	374	2463
1321	2087	388	2464
1322	2090	392	2465
1323	2092	400	2466
1324	2095	404	2467
1325	2098	412	2468
1326	2100	416	2469
1327	2103	430	2470
1328	2105	434	2471
1329	2108	442	2472
1330	2110	446	2473
1331	2113	460	2474
1332	2115	464	2475
1333	2118	472	2476
1334	2120	476	2477
1335	2123	484	2478
1336	2125	488	2479
1337	2128	502	2480
1338	2130	506	2481
1339	2133	514	2482
1340	2135	518	2483
1341	2138	532	2484
1342	2140	536	2485
1343	2143	544	2486
1344	2145	548	2487
1345	2148	556	2488
1346	2150	560	2489
1347	2153	574	2490

1348	2155	578	2491
1349	2158	586	2492
1350	2160	590	2493
1351	2163	604	2494
1352	2165	608	2495
1353	2168	616	2496
1354	2170	620	2497
1355	2173	628	2498
1356	2175	632	2499
1357	2178	646	2500
1358	2180	650	2501
1359	2183	658	2502
1360	2185	662	2503
1361	2188	676	2504
1362	2190	680	2505
1363	2193	688	2506
1364	2195	692	2507
1365	2198	700	2508
1366	2200	704	2509
1367	2203	718	2510
1368	2205	722	2511
1369	2208	730	2512
1370	2210	734	2513
1371	2213	748	2514
1372	2215	752	2515
1373	2218	760	2516
1374	2220	764	2517
1375	2223	772	2518
1376	2225	776	2519
1377	2228	790	2520
1378	2230	794	2521
1379	2233	802	2522
1380	2235	806	2523
1381	2238	820	2524
1382	2240	824	2525
1383	2243	832	2526
1384	2245	836	2527
1385	2248	844	2528
1386	2250	848	2529
1387	2253	862	2530
1388	2255	866	2531
1389	2258	874	2532
1390	2260	878	2533
1391	2263	892	2534
1392	2265	896	2535
1393	2268	904	2536
1394	2270	908	2537
1395	2273	922	2538
1396	2275	926	2539
1397	2278	934	2540
1398	2280	938	2541
1399	2542	2543	2544
1400	1	2542	2545
1401	4	1	2548
1402	2547	2546	2549
1403	4	7	2550
1404	2	2547	2551
1405	2552	2	2553
1406	7	2554	2555
1407	5	2	2556
1408	2554	2557	2558
1409	5	8	2559
1410	2562	8	2563
1411	8	2560	2564
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1416	12	14	2573
1417	14	2568	2574
1418	2568	2569	2575
1419	2577	2576	2580
1420	16	2577	2581
1421	18	16	2582
1422	18	20	2583
1423	20	2578	2584
1424	2578	2579	2585
1425	2586	2587	2590
1426	2587	22	2591
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1428	24	26	2593
1429	26	2588	2594
1430	2588	2589	2595
1431	2597	2596	2600
1432	28	2597	2601
1433	30	28	2602
1434	30	32	2603
1435	32	2598	2604
1436	2598	2599	2605
1437	2606	2607	2610
1438	2607	34	2611
1439	34	36	2612
1440	36	38	2613
1441	38	2608	2614
1442	2608	2609	2615
1443	2617	2616	2620
1444	40	2617	2621
1445	42	40	2622
1446	42	44	2623
1447	44	2618	2624
1448	2618	2619	2625
1449	2626	2627	2630
1450	2627	46	2631
1451	46	48	2632
1452	48	50	2633

1453	50	2628	2634
1454	2628	2629	2635
1455	2637	2636	2640
1456	58	2637	2641
1457	60	58	2642
1458	60	62	2643
1459	62	2638	2644
1460	2638	2639	2645
1461	2646	2647	2650
1462	2647	64	2651
1463	64	66	2652
1464	66	68	2653
1465	68	2648	2654
1466	2648	2649	2655
1467	2657	2656	2660
1468	70	2657	2661
1469	72	70	2662
1470	72	74	2663
1471	74	2658	2664
1472	2658	2659	2665
1473	2666	2667	2670
1474	2667	76	2671
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1482	90	92	2683
1483	92	2678	2684
1484	2678	2679	2685
1485	2686	2687	2690
1486	2687	94	2691
1487	94	96	2692
1488	96	98	2693
1489	98	2688	2694
1490	2688	2689	2695
1491	2697	2696	2700
1492	100	2697	2701
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1494	102	100	2704
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1499	2710	2711	2714
1500	2711	106	2715
1501	106	108	2716
1502	108	110	2717
1503	110	2712	2718
1504	2712	2713	2719
1505	2721	2720	2724
1506	112	2721	2725
1507	114	112	2726
1508	114	116	2727
1509	116	2722	2728
1510	2722	2723	2729
1511	2730	2731	2734
1512	2731	124	2735
1513	124	126	2736
1514	126	128	2737
1515	128	2732	2738
1516	2732	2733	2739
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1519	132	130	2746
1520	132	134	2747
1521	134	2742	2748
1522	2742	2743	2749
1523	2750	2751	2754
1524	2751	136	2755
1525	136	138	2756
1526	138	140	2757
1527	140	2752	2758
1528	2752	2753	2759
1529	2761	2760	2764
1530	142	2761	2765
1531	144	142	2766
1532	144	146	2767
1533	146	2762	2768
1534	2762	2763	2769
1535	2770	2771	2774
1536	2771	148	2775
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1538	150	152	2777
1539	152	2772	2778
1540	2772	2773	2779
1541	2781	2780	2784
1542	160	2781	2785
1543	162	160	2786
1544	162	164	2787
1545	164	2782	2788
1546	2782	2783	2789
1547	2790	2791	2794
1548	2791	166	2795
1549	166	168	2796
1550	168	170	2797
1551	170	2792	2798
1552	2792	2793	2799
1553	2801	2800	2804
1554	172	2801	2805
1555	174	172	2806
1556	174	176	2807
1557	176	2802	2808

1558	2802	2803	2809
1559	2810	2811	2814
1560	2811	178	2815
1561	178	180	2816
1562	180	182	2817
1563	182	2812	2818
1564	2812	2813	2819
1565	2821	2820	2824
1566	184	2821	2825
1567	186	184	2826
1568	186	188	2827
1569	188	2822	2828
1570	2822	2823	2829
1571	2830	2831	2834
1572	2831	196	2835
1573	196	198	2836
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1575	200	2832	2838
1576	2832	2833	2839
1577	2841	2840	2844
1578	202	2841	2845
1579	204	202	2846
1580	204	206	2847
1581	206	2842	2848
1582	2842	2843	2849
1583	2850	2851	2854
1584	2851	208	2855
1585	208	210	2856
1586	210	212	2857
1587	212	2852	2858
1588	2852	2853	2859
1589	2861	2860	2864
1590	214	2861	2865
1591	216	214	2866
1592	216	218	2867
1593	218	2862	2868
1594	2862	2863	2869
1595	950	952	2870
1596	952	220	2871
1597	220	222	2872
1598	222	224	2873

TOTAL NUMBER OF ELEMENTS = 1687
LARGEST ELEMENT NUMBER = 1687
LARGEST NODE NUMBER = 3083

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	304.676	-62.9175	0.000000E+00
2	305.273	-62.9707	0.000000E+00
3	304.764	-61.9214	0.000000E+00
4	304.985	-59.4312	0.000000E+00
5	305.583	-59.4844	0.000000E+00
6	305.074	-58.4351	0.000000E+00
7	305.295	-55.9449	0.000000E+00
8	305.893	-55.9981	0.000000E+00
9	305.384	-54.9489	0.000000E+00
10	307.679	-63.1824	0.000000E+00
11	305.361	-61.9745	0.000000E+00
12	307.981	-59.6955	0.000000E+00
13	305.671	-58.4883	0.000000E+00
14	308.287	-56.2089	0.000000E+00
15	305.980	-55.0020	0.000000E+00
16	310.081	-63.3900	0.000000E+00
17	307.765	-62.1862	0.000000E+00
18	310.379	-59.9027	0.000000E+00
19	308.067	-58.6992	0.000000E+00
20	310.678	-56.4155	0.000000E+00
21	308.373	-55.2126	0.000000E+00
22	312.477	-63.5932	0.000000E+00
23	310.165	-62.3936	0.000000E+00
24	312.770	-60.1055	0.000000E+00
25	310.464	-58.9063	0.000000E+00
26	313.063	-56.6178	0.000000E+00
27	310.762	-55.4191	0.000000E+00
28	314.889	-63.7939	0.000000E+00
29	312.560	-62.5967	0.000000E+00
30	315.177	-60.3057	0.000000E+00
31	312.853	-59.1090	0.000000E+00
32	315.464	-56.8175	0.000000E+00
33	313.146	-55.6212	0.000000E+00
34	317.303	-63.9908	0.000000E+00
35	314.971	-62.7972	0.000000E+00
36	317.576	-60.5014	0.000000E+00
37	315.258	-59.3090	0.000000E+00
38	317.867	-57.0135	0.000000E+00
39	315.545	-55.8208	0.000000E+00
40	319.699	-64.1824	0.000000E+00
41	317.383	-62.9940	0.000000E+00
42	319.975	-60.6933	0.000000E+00
43	317.655	-59.5046	0.000000E+00
44	320.251	-57.2042	0.000000E+00
45	317.947	-56.0167	0.000000E+00

46	322.104	-64.3709	0.000000E+00
47	319.777	-63.1854	0.000000E+00
48	322.375	-60.8813	0.000000E+00
49	320.053	-59.6964	0.000000E+00
50	322.646	-57.3918	0.000000E+00
51	320.330	-56.2073	0.000000E+00
52	322.954	-64.4365	0.000000E+00
53	322.182	-63.3738	0.000000E+00
54	323.222	-60.9468	0.272005E-14
55	322.452	-59.8843	0.000000E+00
56	323.491	-57.4571	0.000000E+00
57	322.723	-56.3948	0.000000E+00
58	324.510	-64.5555	0.000000E+00
59	323.030	-63.4394	0.000000E+00
60	324.775	-61.0655	0.103806E-13
61	323.298	-59.9497	0.272005E-14
62	325.040	-57.5756	0.000000E+00
63	323.567	-56.4601	0.000000E+00
64	326.907	-64.7356	0.000000E+00
65	324.585	-63.5583	0.000000E+00
66	327.176	-61.2459	0.000000E+00
67	324.850	-60.0683	0.103806E-13
68	327.426	-57.7548	0.000000E+00
69	325.115	-56.5784	0.000000E+00
70	329.322	-64.9132	0.000000E+00
71	326.980	-63.7383	0.000000E+00
72	329.576	-61.4224	0.000000E+00
73	327.249	-60.2486	0.000000E+00
74	329.830	-57.9317	0.000000E+00
75	327.499	-56.7575	0.000000E+00
76	331.736	-65.0868	0.000000E+00
77	329.394	-63.9158	0.000000E+00
78	331.985	-61.5956	0.000000E+00
79	329.648	-60.4250	0.000000E+00
80	332.233	-58.1044	0.000000E+00
81	329.902	-56.9342	0.000000E+00
82	332.950	-65.1727	0.000000E+00
83	331.807	-64.0893	0.000000E+00
84	333.195	-61.6812	-0.416334E-13
85	332.055	-60.5981	0.000000E+00
86	333.441	-58.1899	0.000000E+00
87	332.303	-57.1069	0.000000E+00
88	334.136	-65.2556	0.000000E+00
89	333.019	-64.1751	0.000000E+00
90	334.378	-61.7639	-0.274780E-13
91	333.265	-60.6836	-0.416334E-13
92	334.621	-58.2724	0.000000E+00
93	333.510	-57.1923	0.000000E+00
94	336.541	-65.4208	0.000000E+00
95	334.204	-64.2579	0.000000E+00
96	336.780	-61.9290	0.000000E+00
97	334.447	-60.7663	-0.274780E-13
98	337.015	-58.4368	0.000000E+00
99	334.690	-57.2748	0.000000E+00
100	338.950	-65.5825	0.000000E+00
101	336.608	-64.4230	0.000000E+00
102	339.182	-62.0901	0.000000E+00
103	336.847	-60.9312	0.000000E+00
104	339.413	-58.5978	0.000000E+00
105	337.082	-57.4391	0.000000E+00
106	341.373	-65.7410	0.000000E+00
107	339.015	-64.5846	0.000000E+00
108	341.599	-62.2483	0.000000E+00
109	339.247	-61.0923	0.000000E+00
110	341.824	-58.7556	0.000000E+00
111	339.478	-57.5999	0.000000E+00
112	343.801	-65.8961	0.000000E+00
113	341.436	-64.7431	0.000000E+00
114	344.021	-62.4031	0.568434E-13
115	341.662	-61.2504	0.000000E+00
116	344.242	-58.9100	0.000000E+00
117	341.888	-57.7577	0.000000E+00
118	344.952	-65.9682	0.000000E+00
119	343.864	-64.8981	0.000000E+00
120	345.169	-62.4751	0.194289E-13
121	344.084	-61.4050	0.568434E-13
122	345.387	-58.9818	0.000000E+00
123	344.304	-57.9120	0.000000E+00
124	346.232	-66.0474	0.000000E+00
125	345.013	-64.9701	0.000000E+00
126	346.446	-62.5540	0.309197E-13
127	345.231	-61.4770	0.194289E-13
128	346.661	-59.0606	0.000000E+00
129	345.448	-57.9837	0.000000E+00
130	348.653	-66.1942	0.000000E+00
131	346.292	-65.0493	0.000000E+00
132	348.862	-62.7005	0.000000E+00
133	346.507	-61.5559	0.309197E-13
134	349.071	-59.2067	0.000000E+00
135	346.721	-58.0624	0.000000E+00
136	351.092	-66.3381	0.000000E+00
137	348.712	-65.1960	0.000000E+00
138	351.295	-62.8440	0.000000E+00
139	348.921	-61.7022	0.000000E+00
140	351.498	-59.3500	0.000000E+00
141	349.130	-58.2085	0.000000E+00
142	353.506	-66.4767	0.000000E+00
143	351.149	-65.3398	0.000000E+00
144	353.704	-62.9823	0.000000E+00
145	351.352	-61.8457	0.000000E+00
146	353.902	-59.4879	0.000000E+00
147	351.556	-58.3516	0.000000E+00
148	355.926	-66.6117	0.000000E+00
149	353.562	-65.4783	0.000000E+00
150	356.119	-63.1170	0.000000E+00

151	353.760	-61.9839	0.000000E+00
152	356.311	-59.6222	0.000000E+00
153	353.958	-58.4894	0.000000E+00
154	357.209	-66.6817	0.000000E+00
155	355.981	-65.6132	0.000000E+00
156	357.398	-63.1869	0.666134E-14
157	356.173	-62.1185	0.000000E+00
158	357.588	-59.6919	0.000000E+00
159	356.365	-58.6237	0.000000E+00
160	358.360	-66.7435	0.000000E+00
161	357.263	-65.6831	0.000000E+00
162	358.547	-63.2485	-0.888178E-15
163	357.452	-62.1883	0.666134E-14
164	358.733	-59.7535	0.000000E+00
165	357.641	-58.6933	0.000000E+00
166	360.788	-66.8711	0.000000E+00
167	358.413	-65.7449	0.000000E+00
168	360.968	-63.3757	0.000000E+00
169	358.599	-62.2499	-0.888178E-15
170	361.150	-59.8804	0.000000E+00
171	358.786	-58.7548	0.000000E+00
172	363.215	-66.9947	0.000000E+00
173	360.839	-65.8724	0.000000E+00
174	363.390	-63.4991	0.000000E+00
175	361.019	-62.3770	0.000000E+00
176	363.566	-60.0035	0.000000E+00
177	361.201	-58.8817	0.000000E+00
178	365.651	-67.1148	0.000000E+00
179	363.264	-65.9959	0.000000E+00
180	365.812	-63.6185	0.000000E+00
181	363.440	-62.5003	0.000000E+00
182	365.990	-60.1230	0.000000E+00
183	363.615	-59.0047	0.000000E+00
184	368.071	-67.2302	0.000000E+00
185	365.698	-66.1159	0.000000E+00
186	368.235	-63.7340	0.000000E+00
187	365.860	-62.6196	0.000000E+00
188	368.399	-60.2379	0.000000E+00
189	366.038	-59.1241	0.000000E+00
190	369.222	-67.2837	0.000000E+00
191	368.117	-66.2313	0.000000E+00
192	369.383	-63.7875	0.470179E-13
193	368.281	-62.7351	0.000000E+00
194	369.545	-60.2912	0.000000E+00
195	368.445	-59.2389	0.000000E+00
196	370.488	-67.3416	0.000000E+00
197	369.268	-66.2848	0.000000E+00
198	370.646	-63.8452	-0.489053E-13
199	369.429	-62.7886	0.470179E-13
200	370.805	-60.3487	0.000000E+00
201	369.590	-59.2922	0.000000E+00
202	372.927	-67.4500	0.000000E+00
203	370.532	-66.3426	0.000000E+00
204	373.080	-63.9534	0.000000E+00
205	370.691	-62.8462	-0.489053E-13
206	373.232	-60.4567	0.000000E+00
207	370.849	-59.3497	0.000000E+00
208	375.352	-67.5540	0.000000E+00
209	372.970	-66.4510	0.000000E+00
210	375.499	-64.0570	0.000000E+00
211	373.122	-62.9543	0.000000E+00
212	375.646	-60.5601	0.000000E+00
213	373.275	-59.4576	0.000000E+00
214	377.784	-67.6542	0.000000E+00
215	375.393	-66.5548	0.000000E+00
216	377.925	-64.1571	0.000000E+00
217	375.540	-63.0579	0.000000E+00
218	378.067	-60.6600	0.000000E+00
219	375.687	-59.5610	0.000000E+00
220	380.217	-67.7506	0.000000E+00
221	377.824	-66.6550	0.000000E+00
222	380.352	-64.2533	0.000000E+00
223	377.965	-63.1579	0.000000E+00
224	380.488	-60.7559	0.000000E+00
225	378.106	-59.6607	0.000000E+00
226	381.490	-67.7995	0.000000E+00
227	380.255	-66.7514	0.000000E+00
228	381.623	-64.3021	0.298650E-13
229	380.391	-63.2540	0.000000E+00
230	381.755	-60.8045	0.000000E+00
231	380.527	-59.7566	0.000000E+00
232	382.642	-67.8428	0.000000E+00
233	381.527	-66.8002	0.000000E+00
234	382.772	-64.3452	-0.593414E-13
235	381.660	-63.3028	0.298650E-13
236	382.902	-60.8476	0.000000E+00
237	381.793	-59.8052	0.000000E+00
238	385.082	-67.9316	0.000000E+00
239	382.678	-66.8434	0.000000E+00
240	385.206	-64.4338	0.000000E+00
241	382.808	-63.3459	-0.593414E-13
242	385.331	-60.9360	0.000000E+00
243	382.938	-59.8483	0.000000E+00
244	387.500	-68.0156	0.000000E+00
245	385.117	-66.9322	0.000000E+00
246	387.619	-64.5177	0.000000E+00
247	385.241	-63.4344	0.000000E+00
248	387.737	-61.0197	0.000000E+00
249	385.366	-59.9366	0.000000E+00
250	389.922	-68.0960	0.000000E+00
251	387.533	-67.0162	0.000000E+00
252	390.035	-64.5978	0.000000E+00
253	387.652	-63.5183	0.000000E+00
254	390.148	-61.0996	0.000000E+00
255	387.771	-60.0202	0.000000E+00

256	392.359	-68.1729	0.000000E+00
257	389.953	-67.0965	0.000000E+00
258	392.466	-64.6745	0.341061E-12
259	390.066	-63.5983	0.000000E+00
260	392.574	-61.1762	0.000000E+00
261	390.180	-60.1001	0.000000E+00
262	393.511	-68.2078	0.000000E+00
263	392.389	-67.1733	0.000000E+00
264	393.616	-64.7095	-0.282552E-13
265	392.497	-63.6750	0.341061E-12
266	393.720	-61.2110	0.000000E+00
267	392.604	-60.1766	0.000000E+00
268	394.788	-68.2456	0.000000E+00
269	393.540	-67.2083	0.000000E+00
270	394.890	-64.7471	-0.587863E-13
271	393.645	-63.7099	-0.282552E-13
272	394.992	-61.2486	0.000000E+00
273	393.750	-60.2114	0.000000E+00
274	397.218	-68.3144	0.000000E+00
275	394.816	-67.2460	0.000000E+00
276	397.314	-64.8157	0.000000E+00
277	394.918	-63.7475	-0.587863E-13
278	397.410	-61.3171	0.000000E+00
279	395.020	-60.2490	0.000000E+00
280	399.655	-68.3795	0.000000E+00
281	397.244	-67.3148	0.000000E+00
282	399.746	-64.8807	0.000000E+00
283	397.341	-63.8161	0.000000E+00
284	399.836	-61.3818	0.000000E+00
285	397.437	-60.3174	0.000000E+00
286	402.077	-68.4403	0.000000E+00
287	399.680	-67.3798	0.000000E+00
288	402.162	-64.9413	0.000000E+00
289	399.771	-63.8810	0.000000E+00
290	402.247	-61.4424	0.000000E+00
291	399.861	-60.3822	0.000000E+00
292	404.496	-68.4971	0.000000E+00
293	402.101	-67.4406	0.000000E+00
294	404.575	-64.9980	0.000000E+00
295	402.186	-63.9416	0.000000E+00
296	404.655	-61.4989	0.000000E+00
297	402.271	-60.4426	0.000000E+00
298	405.785	-68.5258	0.000000E+00
299	404.518	-67.4973	0.000000E+00
300	405.861	-65.0267	0.177636E-14
301	404.598	-63.9982	0.000000E+00
302	405.938	-61.5275	0.000000E+00
303	404.677	-60.4991	0.000000E+00
304	406.937	-68.5505	0.000000E+00
305	405.806	-67.5260	0.000000E+00
306	407.011	-65.0513	0.522637E-13
307	405.883	-64.0269	0.177636E-14
308	407.085	-61.5521	0.000000E+00
309	405.959	-60.5277	0.000000E+00
310	409.368	-68.5997	0.000000E+00
311	406.958	-67.5507	0.000000E+00
312	409.436	-65.1004	0.000000E+00
313	407.031	-64.0515	0.522637E-13
314	409.504	-61.6011	0.000000E+00
315	407.105	-60.5523	0.000000E+00
316	411.798	-68.6450	0.000000E+00
317	409.386	-67.5999	0.000000E+00
318	411.860	-65.1456	0.000000E+00
319	409.454	-64.1006	0.000000E+00
320	411.923	-61.6462	0.000000E+00
321	409.522	-60.6012	0.000000E+00
322	413.013	-68.6662	0.000000E+00
323	411.815	-67.6452	0.000000E+00
324	413.073	-65.1667	0.160982E-13
325	411.878	-64.1458	0.000000E+00
326	413.132	-61.6672	0.000000E+00
327	411.940	-60.6463	0.000000E+00
328	414.228	-68.6864	0.000000E+00
329	413.030	-67.6664	0.000000E+00
330	414.285	-65.1869	-0.333067E-14
331	413.089	-64.1669	0.160982E-13
332	414.342	-61.6874	0.000000E+00
333	413.149	-60.6674	0.000000E+00
334	415.445	-68.7057	0.000000E+00
335	414.244	-67.6866	0.000000E+00
336	415.497	-65.2061	0.321965E-14
337	414.301	-64.1870	-0.333067E-14
338	415.551	-61.7065	0.000000E+00
339	414.358	-60.6875	0.000000E+00
340	416.658	-68.7239	0.000000E+00
341	415.460	-67.7058	0.000000E+00
342	416.710	-65.2243	-0.189293E-13
343	415.512	-64.2062	0.321965E-14
344	416.761	-61.7247	0.000000E+00
345	415.566	-60.7066	0.000000E+00
346	417.811	-68.7403	0.000000E+00
347	416.673	-67.7240	0.000000E+00
348	417.859	-65.2407	-0.198175E-13
349	416.724	-64.2244	-0.189293E-13
350	417.908	-61.7410	0.000000E+00
351	416.775	-60.7248	0.000000E+00
352	419.100	-68.7576	0.000000E+00
353	417.824	-67.7404	0.000000E+00
354	419.145	-65.2579	-0.376921E-13
355	417.873	-64.2408	-0.198175E-13
356	419.191	-61.7582	0.000000E+00
357	417.921	-60.7411	0.000000E+00
358	421.519	-68.7871	0.000000E+00
359	419.112	-67.7577	0.000000E+00
360	421.559	-65.2874	0.000000E+00

361	419.157	-64.2580	-0.376921E-13
362	421.599	-61.7876	0.000000E+00
363	419.203	-60.7583	0.000000E+00
364	423.950	-68.8128	0.000000E+00
365	421.530	-67.7872	0.000000E+00
366	423.984	-65.3130	0.000000E+00
367	421.570	-64.2874	0.000000E+00
368	424.018	-61.8132	0.000000E+00
369	421.610	-60.7876	0.000000E+00
370	426.380	-68.8347	0.000000E+00
371	423.959	-67.8129	0.000000E+00
372	426.409	-65.3348	0.000000E+00
373	423.993	-64.3131	0.000000E+00
374	426.438	-61.8349	0.000000E+00
375	424.027	-60.8132	0.000000E+00
376	428.810	-68.8525	0.000000E+00
377	426.388	-67.8347	0.000000E+00
378	428.833	-65.3526	0.000000E+00
379	426.416	-64.3348	0.000000E+00
380	428.856	-61.8527	0.000000E+00
381	426.445	-60.8349	0.000000E+00
382	430.089	-68.8604	0.000000E+00
383	428.816	-67.8526	0.000000E+00
384	430.109	-65.3605	0.999201E-14
385	428.839	-64.3526	0.000000E+00
386	430.129	-61.8605	0.000000E+00
387	428.862	-60.8527	0.000000E+00
388	431.242	-68.8665	0.000000E+00
389	430.094	-67.8604	0.000000E+00
390	431.259	-65.3666	-0.154321E-13
391	430.114	-64.3605	0.999201E-14
392	431.276	-61.8666	0.000000E+00
393	430.134	-60.8605	0.000000E+00
394	433.672	-68.8766	0.000000E+00
395	431.246	-67.8665	0.000000E+00
396	433.684	-65.3766	0.000000E+00
397	431.263	-64.3666	-0.154321E-13
398	433.695	-61.8766	0.000000E+00
399	431.280	-60.8666	0.000000E+00
400	436.103	-68.8827	0.000000E+00
401	433.675	-67.8766	0.000000E+00
402	436.109	-65.3828	0.000000E+00
403	433.686	-64.3766	0.000000E+00
404	436.115	-61.8827	0.000000E+00
405	433.698	-60.8766	0.000000E+00
406	438.533	-68.8849	0.000000E+00
407	436.104	-67.8827	0.000000E+00
408	438.534	-65.3849	0.000000E+00
409	436.110	-64.3828	0.000000E+00
410	438.534	-61.8849	0.000000E+00
411	436.116	-60.8827	0.000000E+00
412	440.954	-61.8832	0.000000E+00
413	438.533	-60.8849	0.000000E+00
414	440.959	-65.3832	0.113687E-12
415	438.533	-64.3849	0.000000E+00
416	440.964	-68.8832	0.000000E+00
417	438.533	-67.8849	0.000000E+00
418	442.101	-61.8811	0.000000E+00
419	440.952	-60.8832	0.000000E+00
420	442.109	-65.3811	0.832667E-14
421	440.957	-64.3832	0.113687E-12
422	442.117	-68.8810	0.000000E+00
423	440.962	-67.8832	0.000000E+00
424	443.368	-61.8776	0.000000E+00
425	442.098	-60.8811	0.000000E+00
426	443.379	-65.3776	0.399680E-14
427	442.106	-64.3811	0.832667E-14
428	443.390	-68.8776	0.000000E+00
429	442.114	-67.8810	0.000000E+00
430	445.792	-61.8681	0.000000E+00
431	443.364	-60.8776	0.000000E+00
432	445.809	-65.3681	0.000000E+00
433	443.375	-64.3776	0.399680E-14
434	445.825	-68.8681	0.000000E+00
435	443.386	-67.8776	0.000000E+00
436	448.212	-61.8547	0.000000E+00
437	445.787	-60.8682	0.000000E+00
438	448.234	-65.3547	0.000000E+00
439	445.803	-64.3681	0.000000E+00
440	448.256	-68.8546	0.000000E+00
441	445.820	-67.8681	0.000000E+00
442	450.631	-61.8375	0.000000E+00
443	448.204	-60.8548	0.000000E+00
444	450.659	-65.3373	0.000000E+00
445	448.227	-64.3547	0.000000E+00
446	450.687	-68.8372	0.000000E+00
447	448.249	-67.8546	0.000000E+00
448	453.060	-61.8162	0.000000E+00
449	450.622	-60.8375	0.000000E+00
450	453.094	-65.3160	0.000000E+00
451	450.650	-64.3374	0.000000E+00
452	453.127	-68.8158	0.000000E+00
453	450.678	-67.8373	0.000000E+00
454	454.322	-61.8036	0.000000E+00
455	453.050	-60.8162	0.000000E+00
456	454.359	-65.3034	0.417444E-13
457	453.084	-64.3160	0.000000E+00
458	454.395	-68.8032	0.000000E+00
459	453.117	-67.8159	0.000000E+00
460	455.469	-61.7912	0.000000E+00
461	454.311	-60.8036	0.000000E+00
462	455.508	-65.2910	0.000000E+00
463	454.348	-64.3035	0.417444E-13
464	455.548	-68.7907	0.000000E+00
465	454.384	-67.8032	0.000000E+00

466	457.880	-61.7623	0.000000E+00
467	455.457	-60.7912	0.000000E+00
468	457.925	-65.2620	0.000000E+00
469	455.496	-64.2910	0.000000E+00
470	457.969	-68.7617	0.000000E+00
471	455.536	-67.7908	0.000000E+00
472	460.308	-61.7293	0.000000E+00
473	457.866	-60.7624	0.000000E+00
474	460.358	-65.2289	0.000000E+00
475	457.911	-64.2621	0.000000E+00
476	460.408	-68.7286	0.000000E+00
477	457.956	-67.7618	0.000000E+00
478	462.727	-61.6925	0.000000E+00
479	460.292	-60.7294	0.000000E+00
480	462.783	-65.1920	0.000000E+00
481	460.343	-64.2290	0.000000E+00
482	462.839	-68.6916	0.000000E+00
483	460.393	-67.7287	0.000000E+00
484	465.146	-61.6518	0.000000E+00
485	462.710	-60.6926	0.000000E+00
486	465.207	-65.1513	0.000000E+00
487	462.766	-64.1922	0.000000E+00
488	465.269	-68.6507	0.000000E+00
489	462.822	-67.6917	0.000000E+00
490	466.293	-61.6311	0.000000E+00
491	465.128	-60.6520	0.000000E+00
492	466.357	-65.1306	-0.189848E-13
493	465.190	-64.1514	0.000000E+00
494	466.422	-68.6300	0.000000E+00
495	465.251	-67.6509	0.000000E+00
496	467.571	-61.6071	0.000000E+00
497	466.274	-60.6313	0.000000E+00
498	467.638	-65.1064	-0.843769E-14
499	466.338	-64.1308	-0.189848E-13
500	467.706	-68.6058	0.000000E+00
501	466.403	-67.6301	0.000000E+00
502	469.984	-61.5587	0.000000E+00
503	467.551	-60.6073	0.000000E+00
504	470.057	-65.0580	0.000000E+00
505	467.618	-64.1066	-0.843769E-14
506	470.130	-68.5572	0.000000E+00
507	467.686	-67.6060	0.000000E+00
508	472.402	-61.5063	0.000000E+00
509	469.962	-60.5590	0.000000E+00
510	472.481	-65.0054	0.000000E+00
511	470.035	-64.0582	0.000000E+00
512	472.560	-68.5046	0.000000E+00
513	470.108	-67.5574	0.000000E+00
514	474.821	-61.4500	0.000000E+00
515	472.379	-60.5066	0.000000E+00
516	474.905	-64.9490	0.000000E+00
517	472.458	-64.0057	0.000000E+00
518	474.990	-68.4480	0.000000E+00
519	472.536	-67.5048	0.000000E+00
520	477.234	-61.3900	0.000000E+00
521	474.796	-60.4504	0.000000E+00
522	477.324	-64.8888	0.000000E+00
523	474.880	-63.9493	0.000000E+00
524	477.414	-68.3877	0.000000E+00
525	474.965	-67.4483	0.000000E+00
526	478.511	-61.3567	0.000000E+00
527	477.208	-60.3903	0.000000E+00
528	478.604	-64.8555	0.587308E-13
529	477.298	-63.8892	0.000000E+00
530	478.697	-68.3542	0.000000E+00
531	477.388	-67.3880	0.000000E+00
532	479.658	-61.3258	0.000000E+00
533	478.484	-60.3570	0.000000E+00
534	479.754	-64.8245	0.000000E+00
535	478.577	-63.8558	0.587308E-13
536	479.849	-68.3232	0.000000E+00
537	478.670	-67.3546	0.000000E+00
538	482.077	-61.2578	0.000000E+00
539	479.630	-60.3262	0.000000E+00
540	482.178	-64.7563	0.000000E+00
541	479.726	-63.8249	0.000000E+00
542	482.279	-68.2549	0.000000E+00
543	479.821	-67.3236	0.000000E+00
544	484.495	-61.1859	0.000000E+00
545	482.047	-60.2582	0.000000E+00
546	484.602	-64.6843	0.000000E+00
547	482.148	-63.7568	0.000000E+00
548	484.708	-68.1827	0.000000E+00
549	482.249	-67.2553	0.000000E+00
550	486.913	-61.1101	0.000000E+00
551	484.464	-60.1864	0.000000E+00
552	487.026	-64.6083	0.000000E+00
553	484.570	-63.6848	0.000000E+00
554	487.138	-68.1065	0.000000E+00
555	484.677	-67.1831	0.000000E+00
556	489.331	-61.0305	0.000000E+00
557	486.880	-60.1107	0.000000E+00
558	489.449	-64.5285	0.000000E+00
559	486.993	-63.6089	0.000000E+00
560	489.567	-68.0265	0.000000E+00
561	487.105	-67.1071	0.000000E+00
562	490.478	-60.9913	0.000000E+00
563	489.297	-60.0310	0.000000E+00
564	490.599	-64.4893	0.242029E-13
565	489.415	-63.5290	0.000000E+00
566	490.719	-67.9871	0.000000E+00
567	489.533	-67.0271	0.000000E+00
568	491.740	-60.9472	0.000000E+00
569	490.443	-59.9919	0.000000E+00
570	491.863	-64.4450	-0.383027E-13

571	490.564	-63.4899	0.242029E-13
572	491.987	-67.9428	0.000000E+00
573	490.684	-66.9877	0.000000E+00
574	494.167	-60.8594	0.000000E+00
575	491.704	-59.9478	0.000000E+00
576	494.296	-64.3570	0.000000E+00
577	491.827	-63.4457	-0.383027E-13
578	494.426	-67.8546	0.000000E+00
579	491.951	-66.9435	0.000000E+00
580	496.584	-60.7680	0.000000E+00
581	494.129	-59.8601	0.000000E+00
582	496.719	-64.2654	0.000000E+00
583	494.258	-63.3577	0.000000E+00
584	496.854	-67.7628	0.000000E+00
585	494.388	-66.8553	0.000000E+00
586	499.002	-60.6728	0.000000E+00
587	496.545	-59.7688	0.000000E+00
588	499.143	-64.1699	0.000000E+00
589	496.680	-63.2662	0.000000E+00
590	499.283	-67.6671	0.000000E+00
591	496.815	-66.7636	0.000000E+00
592	501.425	-60.5734	0.000000E+00
593	498.961	-59.6736	0.000000E+00
594	501.571	-64.0703	0.000000E+00
595	499.102	-63.1708	0.000000E+00
596	501.717	-67.5672	0.000000E+00
597	499.242	-66.6680	0.000000E+00
598	502.690	-60.5199	0.000000E+00
599	501.383	-59.5742	0.000000E+00
600	502.839	-64.0168	0.355271E-13
601	501.529	-63.0712	0.000000E+00
602	502.989	-67.5135	0.000000E+00
603	501.675	-66.5681	0.000000E+00
604	503.836	-60.4705	0.000000E+00
605	502.647	-59.5208	0.000000E+00
606	503.988	-63.9672	0.000000E+00
607	502.796	-63.0177	0.355271E-13
608	504.140	-67.4639	0.000000E+00
609	502.946	-66.5145	0.000000E+00
610	506.253	-60.3636	0.000000E+00
611	503.792	-59.4715	0.000000E+00
612	506.411	-63.8600	0.000000E+00
613	503.944	-62.9682	0.000000E+00
614	506.568	-67.3565	0.000000E+00
615	504.096	-66.4649	0.000000E+00
616	508.670	-60.2527	0.000000E+00
617	506.208	-59.3646	0.000000E+00
618	508.833	-63.7489	0.000000E+00
619	506.365	-62.8611	0.000000E+00
620	508.997	-67.2451	0.000000E+00
621	506.523	-66.3575	0.000000E+00
622	511.087	-60.1380	0.000000E+00
623	508.623	-59.2539	0.000000E+00
624	511.256	-63.6339	0.000000E+00
625	508.786	-62.7501	0.000000E+00
626	511.424	-67.1298	0.000000E+00
627	508.949	-66.2463	0.000000E+00
628	513.503	-60.0193	0.000000E+00
629	511.038	-59.1392	0.000000E+00
630	513.678	-63.5150	0.000000E+00
631	511.207	-62.6351	0.000000E+00
632	513.852	-67.0106	0.000000E+00
633	511.375	-66.1310	0.000000E+00
634	514.649	-59.9617	0.000000E+00
635	513.453	-59.0206	0.000000E+00
636	514.826	-63.4573	-0.143219E-13
637	513.628	-62.5163	0.000000E+00
638	515.003	-66.9528	0.000000E+00
639	513.802	-66.0119	0.000000E+00
640	515.921	-59.8967	0.000000E+00
641	514.598	-58.9630	0.000000E+00
642	516.101	-63.3921	-0.376921E-13
643	514.775	-62.4586	-0.143219E-13
644	516.281	-66.8874	0.000000E+00
645	514.952	-65.9541	0.000000E+00
646	518.336	-59.7704	0.000000E+00
647	515.869	-58.8981	0.000000E+00
648	518.521	-63.2654	0.000000E+00
649	516.049	-62.3934	-0.376921E-13
650	518.707	-66.7605	0.000000E+00
651	516.229	-65.8888	0.000000E+00
652	520.751	-59.6400	0.000000E+00
653	518.282	-58.7718	0.000000E+00
654	520.943	-63.1348	0.000000E+00
655	518.467	-62.2669	0.000000E+00
656	521.134	-66.6296	0.000000E+00
657	518.653	-65.7620	0.000000E+00
658	523.167	-59.5058	0.000000E+00
659	520.696	-58.6416	0.000000E+00
660	523.364	-63.0003	0.000000E+00
661	520.887	-62.1364	0.000000E+00
662	523.561	-66.4947	0.000000E+00
663	521.079	-65.6311	0.000000E+00
664	525.573	-59.3683	0.000000E+00
665	523.110	-58.5075	0.000000E+00
666	525.775	-62.8624	0.000000E+00
667	523.307	-62.0019	0.000000E+00
668	525.978	-66.3565	0.000000E+00
669	523.504	-65.4964	0.000000E+00
670	526.852	-59.2935	0.000000E+00
671	525.514	-58.3700	0.000000E+00
672	527.058	-62.7875	-0.287548E-13
673	525.717	-61.8641	0.000000E+00
674	527.263	-66.2814	0.000000E+00
675	525.920	-65.3582	0.000000E+00

676	527.998	-59.2257	0.000000E+00
677	526.793	-58.2953	0.000000E+00
678	528.206	-62.7195	0.000000E+00
679	526.999	-61.7893	-0.287548E-13
680	528.414	-66.2133	0.000000E+00
681	527.204	-65.2832	0.000000E+00
682	530.410	-59.0799	0.000000E+00
683	527.937	-58.2275	0.000000E+00
684	530.624	-62.5734	0.000000E+00
685	528.146	-61.7213	0.000000E+00
686	530.838	-66.0668	0.000000E+00
687	528.354	-65.2151	0.000000E+00
688	532.827	-58.9300	0.000000E+00
689	530.348	-58.0818	0.000000E+00
690	533.047	-62.4232	0.000000E+00
691	530.562	-61.5753	0.000000E+00
692	533.266	-65.9162	0.000000E+00
693	530.776	-65.0688	0.000000E+00
694	535.242	-58.7763	0.000000E+00
695	532.764	-57.9320	0.000000E+00
696	535.467	-62.2691	0.000000E+00
697	532.983	-61.4252	0.000000E+00
698	535.692	-65.7618	0.000000E+00
699	533.203	-64.9182	0.000000E+00
700	537.656	-58.6187	0.000000E+00
701	535.177	-57.7784	0.000000E+00
702	537.887	-62.1111	-0.454747E-12
703	535.402	-61.2712	0.000000E+00
704	538.118	-65.6035	0.000000E+00
705	535.627	-64.7639	0.000000E+00
706	538.801	-58.5427	0.000000E+00
707	537.590	-57.6209	0.000000E+00
708	539.034	-62.0349	0.252021E-13
709	537.821	-61.1133	-0.454747E-12
710	539.268	-65.5271	0.000000E+00
711	538.051	-64.6057	0.000000E+00
712	540.082	-58.4564	0.000000E+00
713	538.734	-57.5449	0.000000E+00
714	540.319	-61.9484	-0.105804E-12
715	538.967	-61.0372	0.252021E-13
716	540.555	-65.4404	0.000000E+00
717	539.201	-64.5293	0.000000E+00
718	542.484	-58.2919	0.000000E+00
719	540.014	-57.4587	0.000000E+00
720	542.726	-61.7835	0.000000E+00
721	540.250	-60.9507	-0.105804E-12
722	542.968	-65.2752	0.000000E+00
723	540.487	-64.4428	0.000000E+00
724	544.897	-58.1227	0.000000E+00
725	542.414	-57.2944	0.000000E+00
726	545.145	-61.6139	0.000000E+00
727	542.656	-60.7860	0.000000E+00
728	545.392	-65.1051	0.000000E+00
729	542.898	-64.2776	0.000000E+00
730	547.310	-57.9495	0.000000E+00
731	544.826	-57.1252	0.000000E+00
732	547.564	-61.4403	0.000000E+00
733	545.073	-60.6164	0.000000E+00
734	547.817	-64.9312	0.000000E+00
735	545.321	-64.1077	0.000000E+00
736	549.724	-57.7724	0.000000E+00
737	547.237	-56.9522	0.000000E+00
738	549.983	-61.2628	0.000000E+00
739	547.490	-60.4430	0.000000E+00
740	550.242	-64.7532	0.000000E+00
741	547.744	-63.9338	0.000000E+00
742	550.992	-57.6779	0.000000E+00
743	549.650	-56.7752	0.000000E+00
744	551.254	-61.1681	-0.999201E-15
745	549.909	-60.2656	0.000000E+00
746	551.515	-64.6582	0.000000E+00
747	550.168	-63.7560	0.000000E+00
748	552.136	-57.5916	0.000000E+00
749	550.916	-56.6807	0.000000E+00
750	552.400	-61.0815	0.000000E+00
751	551.178	-60.1709	-0.999201E-15
752	552.665	-64.5715	0.000000E+00
753	551.440	-63.6611	0.000000E+00
754	554.548	-57.4068	0.000000E+00
755	552.059	-56.5945	0.000000E+00
756	554.818	-60.8963	0.000000E+00
757	552.324	-60.0845	0.000000E+00
758	555.088	-64.3859	0.000000E+00
759	552.588	-63.5745	0.000000E+00
760	556.960	-57.2181	0.000000E+00
761	554.470	-56.4098	0.000000E+00
762	557.236	-60.7072	0.000000E+00
763	554.740	-59.8994	0.000000E+00
764	557.512	-64.1963	0.000000E+00
765	555.010	-63.3889	0.000000E+00
766	559.372	-57.0255	0.000000E+00
767	556.880	-56.2212	0.000000E+00
768	559.653	-60.5141	0.000000E+00
769	557.156	-59.7103	0.000000E+00
770	559.935	-64.0028	0.000000E+00
771	557.432	-63.1995	0.000000E+00
772	561.783	-56.8290	0.000000E+00
773	559.290	-56.0288	0.000000E+00
774	562.070	-60.3172	0.000000E+00
775	559.572	-59.5174	0.000000E+00
776	562.357	-63.8054	0.000000E+00
777	559.853	-63.0061	0.000000E+00
778	562.926	-56.7345	0.000000E+00
779	561.701	-55.8324	0.000000E+00
780	563.216	-60.2225	0.571210E-13

781	561.988	-59.3206	0.000000E+00
782	563.506	-63.7105	0.000000E+00
783	562.275	-62.8088	0.000000E+00
784	564.191	-56.6289	0.000000E+00
785	562.843	-55.7379	0.000000E+00
786	564.484	-60.1166	-0.116906E-12
787	563.133	-59.2260	0.571210E-13
788	564.776	-63.6043	0.000000E+00
789	563.423	-62.7139	0.000000E+00
790	566.605	-56.4244	0.000000E+00
791	564.107	-55.6324	0.000000E+00
792	566.903	-59.9116	0.000000E+00
793	564.399	-59.1202	-0.116906E-12
794	567.201	-63.3989	0.000000E+00
795	564.692	-62.6079	0.000000E+00
796	569.015	-56.2163	0.000000E+00
797	566.519	-55.4281	0.000000E+00
798	569.319	-59.7030	0.000000E+00
799	566.817	-58.9154	0.000000E+00
800	569.623	-63.1898	0.000000E+00
801	567.115	-62.4026	0.000000E+00
802	571.425	-56.0042	0.000000E+00
803	568.928	-55.2201	0.000000E+00
804	571.735	-59.4905	0.000000E+00
805	569.231	-58.7069	0.000000E+00
806	572.044	-62.9768	0.000000E+00
807	569.535	-62.1937	0.000000E+00
808	573.847	-55.7872	0.000000E+00
809	571.336	-55.0082	0.000000E+00
810	574.162	-59.2730	0.000000E+00
811	571.646	-58.4945	0.000000E+00
812	574.477	-62.7588	0.000000E+00
813	571.955	-61.9808	0.000000E+00
814	575.102	-55.6733	0.000000E+00
815	573.756	-54.7913	0.000000E+00
816	575.420	-59.1588	-0.257572E-13
817	574.071	-58.2771	0.000000E+00
818	575.738	-62.6443	0.000000E+00
819	574.387	-61.7629	0.000000E+00
820	576.244	-55.5686	0.000000E+00
821	575.010	-54.6775	0.000000E+00
822	576.565	-59.0538	0.000000E+00
823	575.329	-58.1630	-0.257572E-13
824	576.886	-62.5391	0.000000E+00
825	575.647	-61.6485	0.000000E+00
826	578.659	-55.3444	0.000000E+00
827	576.152	-54.5728	0.000000E+00
828	578.980	-58.8296	0.000000E+00
829	576.473	-58.0581	0.000000E+00
830	579.303	-62.3146	0.000000E+00
831	576.793	-61.5434	0.000000E+00
832	581.072	-55.1143	0.000000E+00
833	578.564	-54.3489	0.000000E+00
834	581.394	-58.6016	0.000000E+00
835	578.886	-57.8341	0.000000E+00
836	581.721	-62.0863	0.000000E+00
837	579.209	-61.3191	0.000000E+00
838	583.462	-54.8936	0.000000E+00
839	580.980	-54.1186	0.000000E+00
840	583.791	-58.3782	0.000000E+00
841	581.301	-57.6059	0.000000E+00
842	584.122	-61.8625	0.000000E+00
843	581.628	-61.0906	0.000000E+00
844	585.852	-54.6660	0.000000E+00
845	583.367	-53.8981	0.000000E+00
846	586.186	-58.1372	0.000000E+00
847	583.691	-57.3832	0.000000E+00
848	586.522	-61.6338	0.000000E+00
849	584.027	-60.8670	0.000000E+00
850	587.028	-54.5521	0.000000E+00
851	585.755	-53.6707	0.000000E+00
852	587.366	-58.0205	-0.473926E-14
853	586.087	-57.1421	0.000000E+00
854	587.706	-61.5193	0.000000E+00
855	586.426	-60.6385	0.000000E+00
856	588.241	-54.4158	0.000000E+00
857	586.917	-53.5584	0.000000E+00
858	588.590	-57.8984	-0.116573E-13
859	587.266	-57.0254	-0.473926E-14
860	588.939	-61.3810	0.000000E+00
861	587.595	-60.5255	0.000000E+00
862	590.629	-54.1963	0.000000E+00
863	588.150	-53.4200	0.000000E+00
864	590.976	-57.6575	0.000000E+00
865	588.489	-56.9034	-0.116573E-13
866	591.328	-61.1613	0.000000E+00
867	588.847	-60.3852	0.000000E+00
868	593.017	-53.9542	0.000000E+00
869	590.528	-53.2014	0.000000E+00
870	593.373	-57.4360	0.000000E+00
871	590.884	-56.6618	0.000000E+00
872	593.730	-60.9178	0.000000E+00
873	591.227	-60.1664	0.000000E+00
874	595.404	-53.7072	0.000000E+00
875	592.914	-52.9595	0.000000E+00
876	595.765	-57.1625	0.000000E+00
877	593.260	-56.4425	0.000000E+00
878	596.131	-60.6694	0.000000E+00
879	593.627	-59.9231	0.000000E+00
880	596.948	-53.5449	0.000000E+00
881	595.299	-52.7127	0.000000E+00
882	597.313	-56.9992	0.160982E-14
883	595.660	-56.1681	0.000000E+00
884	597.684	-60.5061	0.000000E+00
885	596.027	-59.6748	0.000000E+00

886	597.778	-53.4300	0.000000E+00
887	596.811	-52.5544	0.000000E+00
888	598.149	-56.9103	-0.166533E-14
889	597.208	-56.0048	0.160982E-14
890	598.520	-60.3906	0.000000E+00
891	597.548	-59.5155	0.000000E+00
892	600.177	-53.1988	0.000000E+00
893	597.682	-52.4346	0.000000E+00
894	600.552	-56.6522	0.000000E+00
895	598.042	-55.9160	-0.166533E-14
896	600.933	-60.1579	0.000000E+00
897	598.424	-59.3952	0.000000E+00
898	602.563	-52.9373	0.000000E+00
899	600.068	-52.2048	0.000000E+00
900	602.948	-56.4161	0.000000E+00
901	600.454	-55.6570	0.000000E+00
902	603.333	-59.8949	0.000000E+00
903	600.824	-59.1639	0.000000E+00
904	604.948	-52.6710	0.000000E+00
905	602.452	-51.9435	0.000000E+00
906	605.338	-56.1266	0.000000E+00
907	602.827	-55.4234	0.000000E+00
908	605.732	-59.6270	0.000000E+00
909	603.222	-58.9011	0.000000E+00
910	607.334	-52.3804	0.000000E+00
911	604.827	-51.6784	0.000000E+00
912	607.727	-55.8583	0.000000E+00
913	605.226	-55.1328	0.000000E+00
914	608.120	-59.3361	0.000000E+00
915	605.611	-58.6344	0.000000E+00
916	607.503	-52.3804	0.000000E+00
917	607.334	-51.3804	0.000000E+00
918	607.900	-55.8387	-0.280331E-13
919	607.615	-54.8646	0.000000E+00
920	608.302	-59.3347	0.000000E+00
921	608.113	-58.3361	0.000000E+00
922	609.717	-52.1239	0.000000E+00
923	607.388	-51.3870	0.000000E+00
924	610.121	-55.5856	0.000000E+00
925	607.787	-54.8452	-0.280331E-13
926	610.529	-59.0767	0.000000E+00
927	608.187	-58.3413	0.000000E+00
928	612.101	-51.8431	0.000000E+00
929	609.600	-51.1308	0.000000E+00
930	612.514	-55.3187	0.000000E+00
931	610.010	-54.5918	0.000000E+00
932	612.927	-58.7942	0.000000E+00
933	610.412	-58.0835	0.000000E+00
934	614.484	-51.5575	0.000000E+00
935	611.982	-50.8502	0.000000E+00
936	614.903	-55.0294	0.000000E+00
937	612.394	-54.3259	0.000000E+00
938	615.324	-58.5069	0.000000E+00
939	612.808	-57.8013	0.000000E+00
940	615.079	-51.4853	0.000000E+00
941	614.363	-50.5648	0.000000E+00
942	615.499	-54.9590	0.000000E+00
943	614.786	-54.0363	0.000000E+00
944	615.919	-58.4347	0.000000E+00
945	615.204	-57.5142	0.000000E+00
946	380.553	-59.0822	0.000000E+00
947	379.489	-60.7171	0.000000E+00
948	380.582	-58.3328	0.000000E+00
949	379.554	-59.0434	0.000000E+00
950	380.123	-70.1739	0.000000E+00
951	382.551	-70.2662	0.000000E+00
952	380.152	-69.4244	0.000000E+00
953	382.580	-69.5167	0.000000E+00
954	382.963	-59.1738	0.000000E+00
955	382.992	-58.4244	0.000000E+00
956	383.580	-69.5555	0.000000E+00
957	383.641	-67.8793	0.000000E+00
958	383.938	-64.3886	-0.593414E-13
959	381.606	-64.3018	-0.593414E-13
960	381.902	-60.8113	0.000000E+00
961	381.963	-59.1350	0.000000E+00
962	384.996	-70.3551	0.000000E+00
963	385.023	-69.6056	0.000000E+00
964	385.390	-59.2621	0.000000E+00
965	385.417	-58.5126	0.000000E+00
966	383.996	-70.3196	0.000000E+00
967	384.023	-69.5700	0.000000E+00
968	383.916	-67.8901	0.000000E+00
969	384.041	-64.3923	0.000000E+00
970	384.332	-60.9004	0.000000E+00
971	384.391	-59.2266	0.000000E+00
972	387.417	-70.4393	0.000000E+00
973	387.444	-69.6898	0.000000E+00
974	387.792	-59.3457	0.000000E+00
975	387.819	-58.5961	0.000000E+00
976	388.443	-69.7253	0.000000E+00
977	388.499	-68.0493	0.000000E+00
978	387.500	-68.0156	-2.50000
979	387.500	-69.0156	-2.50000
980	388.785	-64.5574	0.000000E+00
981	386.453	-64.4781	0.000000E+00
982	387.737	-61.0197	-2.50000
983	387.737	-62.0197	-2.50000
984	386.738	-60.9868	0.000000E+00
985	386.793	-59.3101	0.000000E+00
986	389.843	-70.5198	0.000000E+00
987	389.867	-69.7702	0.000000E+00
988	390.202	-59.4256	0.000000E+00
989	390.227	-58.6760	0.000000E+00
990	388.844	-70.4874	0.000000E+00

991	388.868	-69.7378	0.000000E+00
992	388.756	-68.0582	0.000000E+00
993	388.869	-64.5601	0.000000E+00
994	389.149	-61.0673	0.000000E+00
995	389.203	-59.3932	0.000000E+00
996	392.283	-70.5968	0.000000E+00
997	392.307	-69.8472	0.000000E+00
998	392.623	-59.5020	0.000000E+00
999	392.647	-58.7524	0.000000E+00
1000	393.307	-69.8795	0.000000E+00
1001	393.358	-68.2035	0.000000E+00
1002	393.632	-64.7104	0.341061E-12
1003	391.300	-64.6387	0.341061E-12
1004	391.574	-61.1468	0.000000E+00
1005	391.623	-59.4696	0.000000E+00
1006	394.717	-70.6696	0.000000E+00
1007	394.739	-69.9200	0.000000E+00
1008	395.041	-59.5744	0.000000E+00
1009	395.063	-58.8247	0.000000E+00
1010	393.718	-70.6405	0.000000E+00
1011	393.740	-69.8908	0.000000E+00
1012	393.622	-68.2116	0.000000E+00
1013	393.724	-64.7131	-0.587863E-13
1014	393.992	-61.2194	0.000000E+00
1015	394.041	-59.5452	0.000000E+00
1016	397.152	-70.7386	0.000000E+00
1017	397.174	-69.9889	0.000000E+00
1018	397.456	-59.6428	0.000000E+00
1019	397.478	-58.8931	0.000000E+00
1020	398.174	-70.0180	0.000000E+00
1021	398.217	-68.3406	0.000000E+00
1022	398.480	-64.8478	0.000000E+00
1023	396.148	-64.7836	0.000000E+00
1024	396.411	-61.2897	0.000000E+00
1025	396.457	-59.6136	0.000000E+00
1026	399.586	-70.8016	0.000000E+00
1027	399.606	-70.0519	0.000000E+00
1028	399.872	-59.7053	0.000000E+00
1029	399.892	-58.9556	0.000000E+00
1030	398.586	-70.7741	0.000000E+00
1031	398.607	-70.0228	0.000000E+00
1032	398.489	-68.3493	0.000000E+00
1033	398.579	-64.8505	0.000000E+00
1034	398.836	-61.3606	0.000000E+00
1035	398.872	-59.6778	0.000000E+00
1036	402.019	-70.8647	0.000000E+00
1037	402.039	-70.1149	0.000000E+00
1038	402.287	-59.7679	0.000000E+00
1039	402.307	-59.0182	0.000000E+00
1040	403.038	-70.1408	0.000000E+00
1041	403.077	-68.4635	0.000000E+00
1042	403.329	-64.9697	0.000000E+00
1043	400.996	-64.9130	0.000000E+00
1044	401.248	-61.4184	0.000000E+00
1045	401.288	-59.7420	0.000000E+00
1046	404.453	-70.9199	0.000000E+00
1047	404.471	-70.1701	0.000000E+00
1048	404.703	-59.8227	0.000000E+00
1049	404.721	-59.0729	0.000000E+00
1050	403.453	-70.8956	0.000000E+00
1051	403.471	-70.1552	0.000000E+00
1052	403.330	-68.4706	0.000000E+00
1053	403.409	-64.9715	0.000000E+00
1054	403.655	-61.4699	0.000000E+00
1055	403.704	-59.7984	0.000000E+00
1056	406.887	-70.9750	0.000000E+00
1057	406.904	-70.2252	0.000000E+00
1058	407.119	-59.8775	0.000000E+00
1059	407.136	-59.1277	0.000000E+00
1060	407.903	-70.2479	0.000000E+00
1061	407.937	-68.5708	0.000000E+00
1062	408.178	-65.0759	0.522637E-13
1063	405.845	-65.0267	0.522637E-13
1064	406.085	-61.5316	0.000000E+00
1065	406.119	-59.8548	0.000000E+00
1066	409.320	-71.0224	0.000000E+00
1067	409.336	-70.2726	0.000000E+00
1068	409.532	-59.9264	0.000000E+00
1069	409.547	-59.1765	0.000000E+00
1070	408.321	-71.0013	0.000000E+00
1071	408.336	-70.2538	0.000000E+00
1072	408.201	-68.5770	0.000000E+00
1073	408.269	-65.0777	0.000000E+00
1074	408.504	-61.5840	0.000000E+00
1075	408.532	-59.9069	0.000000E+00
1076	411.754	-71.0697	0.000000E+00
1077	411.769	-70.3199	0.000000E+00
1078	411.951	-59.9715	0.000000E+00
1079	411.966	-59.2216	0.000000E+00
1080	412.769	-70.3393	0.000000E+00
1081	412.798	-68.6624	0.000000E+00
1082	413.027	-65.1664	0.000000E+00
1083	410.694	-65.1248	0.000000E+00
1084	410.923	-61.6293	0.000000E+00
1085	410.951	-59.9520	0.000000E+00
1086	414.188	-71.1092	0.000000E+00
1087	414.202	-70.3593	0.000000E+00
1088	414.367	-60.0107	0.000000E+00
1089	414.380	-59.2608	0.000000E+00
1090	413.188	-71.0914	0.000000E+00
1091	413.202	-70.3435	0.000000E+00
1092	413.062	-68.6675	0.000000E+00
1093	413.118	-65.1680	-0.333067E-14
1094	413.342	-61.6722	0.000000E+00
1095	413.367	-59.9928	0.000000E+00

1096	416.622	-71.1487	0.000000E+00
1097	416.634	-70.3988	0.000000E+00
1098	416.783	-60.0499	0.000000E+00
1099	416.795	-59.3000	0.000000E+00
1100	417.634	-70.4150	0.000000E+00
1101	417.658	-68.7383	0.000000E+00
1102	417.876	-65.2413	-0.189293E-13
1103	415.543	-65.2072	-0.189293E-13
1104	415.761	-61.7113	0.000000E+00
1105	415.783	-60.0337	0.000000E+00
1106	419.056	-71.1804	0.000000E+00
1107	419.067	-70.4305	0.000000E+00
1108	419.199	-60.0813	0.000000E+00
1109	419.210	-59.3314	0.000000E+00
1110	418.056	-71.1658	0.000000E+00
1111	418.067	-70.4111	0.000000E+00
1112	417.933	-68.7425	0.000000E+00
1113	417.979	-65.2428	-0.376921E-13
1114	418.191	-61.7530	0.000000E+00
1115	418.200	-60.0667	0.000000E+00
1116	421.490	-71.2120	0.000000E+00
1117	421.500	-70.4621	0.000000E+00
1118	421.616	-60.1127	0.000000E+00
1119	421.625	-59.3628	0.000000E+00
1120	422.500	-70.4751	0.000000E+00
1121	422.519	-68.7986	0.000000E+00
1122	422.726	-65.3006	0.000000E+00
1123	420.393	-65.2741	0.000000E+00
1124	420.599	-61.7777	0.000000E+00
1125	420.616	-60.0997	0.000000E+00
1126	423.926	-71.2358	0.000000E+00
1127	423.935	-70.4859	0.000000E+00
1128	424.033	-60.1364	0.000000E+00
1129	424.042	-59.3864	0.000000E+00
1130	422.926	-71.2245	0.000000E+00
1131	422.935	-70.4767	0.000000E+00
1132	422.783	-68.8014	0.000000E+00
1133	422.817	-65.3016	0.000000E+00
1134	423.018	-61.8042	0.000000E+00
1135	423.033	-60.1250	0.000000E+00
1136	426.361	-71.2597	0.000000E+00
1137	426.369	-70.5097	0.000000E+00
1138	426.451	-60.1600	0.000000E+00
1139	426.458	-59.4101	0.000000E+00
1140	427.369	-70.5195	0.000000E+00
1141	427.380	-68.8416	0.000000E+00
1142	427.576	-65.3443	0.000000E+00
1143	425.242	-65.3252	0.000000E+00
1144	425.438	-61.8269	0.000000E+00
1145	425.451	-60.1502	0.000000E+00
1146	428.796	-71.2756	0.000000E+00
1147	428.802	-70.5256	0.000000E+00
1148	428.867	-60.1759	0.000000E+00
1149	428.873	-59.4259	0.000000E+00
1150	427.796	-71.2674	0.000000E+00
1151	427.802	-70.5206	0.000000E+00
1152	427.644	-68.8449	0.000000E+00
1153	427.667	-65.3450	0.000000E+00
1154	427.856	-61.8461	0.000000E+00
1155	427.867	-60.1677	0.000000E+00
1156	431.230	-71.2916	0.000000E+00
1157	431.235	-70.5416	0.000000E+00
1158	431.284	-60.1917	0.000000E+00
1159	431.289	-59.4417	0.000000E+00
1160	432.235	-70.5481	0.000000E+00
1161	432.242	-68.8705	0.000000E+00
1162	432.426	-65.3723	-0.154321E-13
1163	430.092	-65.3608	-0.154321E-13
1164	430.276	-61.8621	0.000000E+00
1165	430.284	-60.1851	0.000000E+00
1166	433.664	-71.2997	0.000000E+00
1167	433.668	-70.5497	0.000000E+00
1168	433.700	-60.1997	0.000000E+00
1169	433.704	-59.4497	0.000000E+00
1170	432.664	-71.2947	0.000000E+00
1171	432.668	-70.5472	0.000000E+00
1172	432.506	-68.8727	0.000000E+00
1173	432.517	-65.3727	0.000000E+00
1174	432.695	-61.8739	0.000000E+00
1175	432.700	-60.1948	0.000000E+00
1176	436.099	-71.3078	0.000000E+00
1177	436.101	-70.5578	0.000000E+00
1178	436.116	-60.2078	0.000000E+00
1179	436.119	-59.4578	0.000000E+00
1180	437.101	-70.5611	0.000000E+00
1181	437.103	-68.8837	0.000000E+00
1182	436.103	-68.8827	-2.50000
1183	436.103	-69.8827	-2.50000
1184	437.275	-65.3848	0.000000E+00
1185	434.942	-65.3808	0.000000E+00
1186	436.115	-61.8827	-2.50000
1187	436.115	-62.8827	-2.50000
1188	435.115	-61.8817	0.000000E+00
1189	435.116	-60.2045	0.000000E+00
1190	438.533	-71.3080	0.000000E+00
1191	438.534	-70.5580	0.000000E+00
1192	438.533	-60.2080	0.000000E+00
1193	438.534	-59.4580	0.000000E+00
1194	437.533	-71.3063	0.000000E+00
1195	437.534	-70.5585	0.000000E+00
1196	437.367	-68.8848	0.000000E+00
1197	437.367	-65.3848	0.000000E+00
1198	437.534	-61.8857	0.000000E+00
1199	437.533	-60.2063	0.000000E+00
1200	440.949	-60.2083	0.000000E+00

1201	440.949	-59.4583	0.000000E+00
1202	440.967	-71.3083	0.000000E+00
1203	440.967	-70.5583	0.000000E+00
1204	439.949	-60.2082	0.000000E+00
1205	439.954	-61.8857	0.000000E+00
1206	439.792	-65.3850	0.113687E-12
1207	442.125	-65.3815	0.113687E-12
1208	441.964	-68.8813	0.000000E+00
1209	441.967	-70.5584	0.000000E+00
1210	443.366	-60.2008	0.000000E+00
1211	443.365	-59.4508	0.000000E+00
1212	443.402	-71.3007	0.000000E+00
1213	443.400	-70.5507	0.000000E+00
1214	442.366	-60.2023	0.000000E+00
1215	442.368	-61.8791	0.000000E+00
1216	442.213	-65.3813	0.399680E-14
1217	442.223	-68.8812	0.000000E+00
1218	442.400	-70.5569	0.000000E+00
1219	442.402	-71.3022	0.000000E+00
1220	445.780	-59.4432	0.000000E+00
1221	445.782	-60.1932	0.000000E+00
1222	445.834	-70.5431	0.000000E+00
1223	445.836	-71.2931	0.000000E+00
1224	444.782	-60.1964	0.000000E+00
1225	444.792	-61.8742	0.000000E+00
1226	444.642	-65.3736	0.000000E+00
1227	446.975	-65.3626	0.000000E+00
1228	446.825	-68.8632	0.000000E+00
1229	446.834	-70.5400	0.000000E+00
1230	448.196	-59.4279	0.000000E+00
1231	448.200	-60.1779	0.000000E+00
1232	448.268	-70.5277	0.000000E+00
1233	448.271	-71.2777	0.000000E+00
1234	447.200	-60.1826	0.000000E+00
1235	447.212	-61.8617	0.000000E+00
1236	447.067	-65.3621	0.000000E+00
1237	447.089	-68.8620	0.000000E+00
1238	447.268	-70.5348	0.000000E+00
1239	447.271	-71.2824	0.000000E+00
1240	450.613	-59.4126	0.000000E+00
1241	450.618	-60.1626	0.000000E+00
1242	450.702	-70.5122	0.000000E+00
1243	450.707	-71.2622	0.000000E+00
1244	449.618	-60.1689	0.000000E+00
1245	449.631	-61.8454	0.000000E+00
1246	449.492	-65.3466	0.000000E+00
1247	451.825	-65.3281	0.000000E+00
1248	451.687	-68.8278	0.000000E+00
1249	451.702	-70.5059	0.000000E+00
1250	453.028	-59.3895	0.000000E+00
1251	453.034	-60.1395	0.000000E+00
1252	453.135	-70.4890	0.000000E+00
1253	453.141	-71.2389	0.000000E+00
1254	452.034	-60.1474	0.000000E+00
1255	452.060	-61.8319	0.000000E+00
1256	451.927	-65.3272	0.000000E+00
1257	451.961	-68.8270	0.000000E+00
1258	452.135	-70.4937	0.000000E+00
1259	452.141	-71.2469	0.000000E+00
1260	455.443	-59.3664	0.000000E+00
1261	455.450	-60.1163	0.000000E+00
1262	455.568	-70.4657	0.000000E+00
1263	455.575	-71.2156	0.000000E+00
1264	454.450	-60.1259	0.000000E+00
1265	454.469	-61.8026	0.000000E+00
1266	454.342	-65.3040	0.000000E+00
1267	456.675	-65.2779	0.000000E+00
1268	456.548	-68.7784	0.000000E+00
1269	456.568	-70.4561	0.000000E+00
1270	457.858	-59.3355	0.000000E+00
1271	457.866	-60.0854	0.000000E+00
1272	458.001	-70.4346	0.000000E+00
1273	458.010	-71.1845	0.000000E+00
1274	456.866	-60.0966	0.000000E+00
1275	456.880	-61.7703	0.000000E+00
1276	456.758	-65.2769	0.000000E+00
1277	456.803	-68.7766	0.000000E+00
1278	457.001	-70.4536	0.000000E+00
1279	457.010	-71.1957	0.000000E+00
1280	460.273	-59.3046	0.000000E+00
1281	460.283	-60.0545	0.000000E+00
1282	460.434	-70.4034	0.000000E+00
1283	460.444	-71.1534	0.000000E+00
1284	459.283	-60.0673	0.000000E+00
1285	459.308	-61.7442	0.000000E+00
1286	459.192	-65.2457	0.000000E+00
1287	461.525	-65.2121	0.000000E+00
1288	461.408	-68.7133	0.000000E+00
1289	461.434	-70.3906	0.000000E+00
1290	462.688	-59.2659	0.000000E+00
1291	462.699	-60.0158	0.000000E+00
1292	462.867	-70.3645	0.000000E+00
1293	462.878	-71.1144	0.000000E+00
1294	461.699	-60.0302	0.000000E+00
1295	461.727	-61.7092	0.000000E+00
1296	461.616	-65.2107	0.000000E+00
1297	461.672	-68.7103	0.000000E+00
1298	461.867	-70.3812	0.000000E+00
1299	461.878	-71.1288	0.000000E+00
1300	465.103	-59.2272	0.000000E+00
1301	465.115	-59.9772	0.000000E+00
1302	465.300	-70.3255	0.000000E+00
1303	465.312	-71.0754	0.000000E+00
1304	464.115	-59.9932	0.000000E+00
1305	464.146	-61.6703	0.000000E+00

1306	464.041	-65.1718	0.000000E+00
1307	466.374	-65.1307	0.000000E+00
1308	466.269	-68.6325	0.000000E+00
1309	466.300	-70.3095	0.000000E+00
1310	467.518	-59.1808	0.000000E+00
1311	467.531	-59.9307	0.000000E+00
1312	467.732	-70.2787	0.000000E+00
1313	467.746	-71.0286	0.000000E+00
1314	466.531	-59.9483	0.000000E+00
1315	466.571	-61.6309	0.000000E+00
1316	466.472	-65.1289	-0.843769E-14
1317	466.539	-68.6282	0.000000E+00
1318	466.732	-70.2947	0.000000E+00
1319	466.746	-71.0462	0.000000E+00
1320	469.932	-59.1343	0.000000E+00
1321	469.947	-59.8842	0.000000E+00
1322	470.165	-70.2319	0.000000E+00
1323	470.179	-70.9818	0.000000E+00
1324	468.947	-59.9034	0.000000E+00
1325	468.984	-61.5807	0.000000E+00
1326	468.890	-65.0823	0.000000E+00
1327	471.223	-65.0336	0.000000E+00
1328	471.129	-68.5360	0.000000E+00
1329	471.165	-70.2127	0.000000E+00
1330	472.347	-59.0801	0.000000E+00
1331	472.363	-59.8299	0.000000E+00
1332	472.598	-70.1772	0.000000E+00
1333	472.613	-70.9271	0.000000E+00
1334	471.363	-59.8508	0.000000E+00
1335	471.403	-61.5300	0.000000E+00
1336	471.315	-65.0317	0.000000E+00
1337	471.393	-68.5308	0.000000E+00
1338	471.598	-70.1999	0.000000E+00
1339	471.613	-70.9479	0.000000E+00
1340	474.762	-59.0258	0.000000E+00
1341	474.778	-59.7757	0.000000E+00
1342	475.030	-70.1226	0.000000E+00
1343	475.047	-70.8724	0.000000E+00
1344	473.779	-59.7981	0.000000E+00
1345	473.821	-61.4755	0.000000E+00
1346	473.739	-64.9771	0.000000E+00
1347	476.072	-64.9209	0.000000E+00
1348	475.989	-68.4239	0.000000E+00
1349	476.030	-70.1001	0.000000E+00
1350	477.177	-58.9638	0.000000E+00
1351	477.195	-59.7136	0.000000E+00
1352	477.464	-70.0601	0.000000E+00
1353	477.482	-70.8099	0.000000E+00
1354	476.196	-59.7376	0.000000E+00
1355	476.235	-61.4133	0.000000E+00
1356	476.158	-64.9188	0.000000E+00
1357	476.248	-68.4176	0.000000E+00
1358	476.464	-70.0896	0.000000E+00
1359	476.482	-70.8339	0.000000E+00
1360	479.593	-58.9017	0.000000E+00
1361	479.612	-59.6515	0.000000E+00
1362	479.897	-69.9975	0.000000E+00
1363	479.917	-70.7473	0.000000E+00
1364	478.613	-59.6771	0.000000E+00
1365	478.659	-61.3532	0.000000E+00
1366	478.588	-64.8563	0.000000E+00
1367	480.920	-64.7926	0.000000E+00
1368	480.849	-68.2945	0.000000E+00
1369	480.897	-69.9719	0.000000E+00
1370	482.007	-58.8319	0.000000E+00
1371	482.028	-59.5816	0.000000E+00
1372	482.329	-69.9272	0.000000E+00
1373	482.350	-70.6769	0.000000E+00
1374	481.028	-59.6089	0.000000E+00
1375	481.077	-61.2869	0.000000E+00
1376	481.012	-64.7901	0.000000E+00
1377	481.113	-68.2886	0.000000E+00
1378	481.330	-69.9573	0.000000E+00
1379	481.350	-70.7042	0.000000E+00
1380	484.421	-58.7621	0.000000E+00
1381	484.443	-59.5118	0.000000E+00
1382	484.761	-69.8569	0.000000E+00
1383	484.783	-70.6066	0.000000E+00
1384	483.444	-59.5407	0.000000E+00
1385	483.495	-61.2168	0.000000E+00
1386	484.495	-61.1859	-2.50000
1387	484.495	-62.1859	-2.50000
1388	483.436	-64.7199	0.000000E+00
1389	485.768	-64.6487	0.000000E+00
1390	484.708	-68.1827	-2.50000
1391	484.708	-69.1827	-2.50000
1392	485.708	-68.1510	0.000000E+00
1393	485.761	-69.8280	0.000000E+00
1394	486.835	-58.6845	0.000000E+00
1395	486.858	-59.4341	0.000000E+00
1396	487.193	-69.7787	0.000000E+00
1397	487.216	-70.5284	0.000000E+00
1398	485.859	-59.4647	0.000000E+00
1399	485.914	-61.1428	0.000000E+00
1400	485.859	-64.6458	0.000000E+00
1401	485.972	-68.1440	0.000000E+00
1402	486.194	-69.8118	0.000000E+00
1403	486.217	-70.5589	0.000000E+00
1404	489.249	-58.6069	0.000000E+00
1405	489.274	-59.3565	0.000000E+00
1406	489.625	-69.7005	0.000000E+00
1407	489.649	-70.4501	0.000000E+00
1408	488.274	-59.3886	0.000000E+00
1409	488.332	-61.0648	0.000000E+00
1410	488.283	-64.5678	0.000000E+00

1411	490.615	-64.4891	0.000000E+00
1412	490.567	-67.9919	0.000000E+00
1413	490.625	-69.6684	0.000000E+00
1414	491.663	-58.5215	0.000000E+00
1415	491.688	-59.2711	0.000000E+00
1416	492.057	-69.6145	0.000000E+00
1417	492.082	-70.3641	0.000000E+00
1418	490.689	-59.3048	0.000000E+00
1419	490.740	-60.9778	0.000000E+00
1420	490.698	-64.4862	-0.383027E-13
1421	490.821	-67.9840	0.000000E+00
1422	491.058	-69.6561	0.000000E+00
1423	491.083	-70.3978	0.000000E+00
1424	494.077	-58.4361	0.000000E+00
1425	494.103	-59.1857	0.000000E+00
1426	494.488	-69.5285	0.000000E+00
1427	494.515	-70.2780	0.000000E+00
1428	493.104	-59.2210	0.000000E+00
1429	493.168	-60.8973	0.000000E+00
1430	493.130	-64.4001	0.000000E+00
1431	495.462	-64.3139	0.000000E+00
1432	495.425	-67.8171	0.000000E+00
1433	495.488	-69.4932	0.000000E+00
1434	496.490	-58.3430	0.000000E+00
1435	496.518	-59.0925	0.000000E+00
1436	496.920	-69.4347	0.000000E+00
1437	496.947	-70.1841	0.000000E+00
1438	495.519	-59.1294	0.000000E+00
1439	495.585	-60.8077	0.000000E+00
1440	495.554	-64.3104	0.000000E+00
1441	495.689	-67.8078	0.000000E+00
1442	495.920	-69.4736	0.000000E+00
1443	495.948	-70.2211	0.000000E+00
1444	498.904	-58.2498	0.000000E+00
1445	498.933	-58.9993	0.000000E+00
1446	499.351	-69.3408	0.000000E+00
1447	499.380	-70.0902	0.000000E+00
1448	497.933	-59.0378	0.000000E+00
1449	498.003	-60.7141	0.000000E+00
1450	497.977	-64.2168	0.000000E+00
1451	500.308	-64.1231	0.000000E+00
1452	500.282	-67.6267	0.000000E+00
1453	500.350	-69.3022	0.000000E+00
1454	501.317	-58.1489	0.000000E+00
1455	501.347	-58.8983	0.000000E+00
1456	501.782	-69.2391	0.000000E+00
1457	501.812	-69.9885	0.000000E+00
1458	500.348	-58.9385	0.000000E+00
1459	500.426	-60.6198	0.000000E+00
1460	500.405	-64.1191	0.000000E+00
1461	500.552	-67.6160	0.000000E+00
1462	500.783	-69.2777	0.000000E+00
1463	500.813	-70.0287	0.000000E+00
1464	503.730	-58.0479	0.000000E+00
1465	503.761	-58.7973	0.000000E+00
1466	504.213	-69.1374	0.000000E+00
1467	504.244	-69.8868	0.000000E+00
1468	502.762	-58.8391	0.000000E+00
1469	502.837	-60.5154	0.000000E+00
1470	502.823	-64.0179	0.000000E+00
1471	505.154	-63.9166	0.000000E+00
1472	505.139	-67.4206	0.000000E+00
1473	505.212	-69.0956	0.000000E+00
1474	506.144	-57.9392	0.000000E+00
1475	506.177	-58.6885	0.000000E+00
1476	506.645	-69.0278	0.000000E+00
1477	506.677	-69.7771	0.000000E+00
1478	505.177	-58.7319	0.000000E+00
1479	505.254	-60.4094	0.000000E+00
1480	505.245	-63.9126	0.000000E+00
1481	505.403	-67.4090	0.000000E+00
1482	505.646	-69.0735	0.000000E+00
1483	505.678	-69.8205	0.000000E+00
1484	508.558	-57.8304	0.000000E+00
1485	508.592	-58.5796	0.000000E+00
1486	509.077	-68.9183	0.000000E+00
1487	509.111	-69.6675	0.000000E+00
1488	507.593	-58.6246	0.000000E+00
1489	507.671	-60.2995	0.000000E+00
1490	507.668	-63.8033	0.000000E+00
1491	509.999	-63.6945	0.000000E+00
1492	509.995	-67.1972	0.000000E+00
1493	510.076	-68.8732	0.000000E+00
1494	510.970	-57.7139	0.000000E+00
1495	511.005	-58.4631	0.000000E+00
1496	511.507	-68.8009	0.000000E+00
1497	511.542	-69.5501	0.000000E+00
1498	510.007	-58.5097	0.000000E+00
1499	510.088	-60.1865	0.000000E+00
1500	510.090	-63.6902	0.000000E+00
1501	510.259	-67.1861	0.000000E+00
1502	510.508	-68.8503	0.000000E+00
1503	510.543	-69.5967	0.000000E+00
1504	513.383	-57.5974	0.000000E+00
1505	513.419	-58.3465	0.000000E+00
1506	513.937	-68.6835	0.000000E+00
1507	513.974	-69.4327	0.000000E+00
1508	512.420	-58.3948	0.000000E+00
1509	512.505	-60.0696	0.000000E+00
1510	512.513	-63.5731	0.000000E+00
1511	514.843	-63.4568	0.000000E+00
1512	514.851	-66.9598	0.000000E+00
1513	514.936	-68.6353	0.000000E+00
1514	515.795	-57.4731	0.000000E+00
1515	515.832	-58.2222	0.000000E+00

1516	516.367	-68.5583	0.000000E+00
1517	516.405	-69.3074	0.000000E+00
1518	514.834	-58.2720	0.000000E+00
1519	514.922	-59.9497	0.000000E+00
1520	514.936	-63.4521	-0.376921E-13
1521	515.116	-66.9475	0.000000E+00
1522	515.369	-68.6097	0.000000E+00
1523	515.406	-69.3573	0.000000E+00
1524	518.207	-57.3488	0.000000E+00
1525	518.246	-58.0979	0.000000E+00
1526	518.797	-68.4331	0.000000E+00
1527	518.836	-69.1822	0.000000E+00
1528	517.247	-58.1493	0.000000E+00
1529	517.337	-59.8242	0.000000E+00
1530	517.356	-63.3273	0.000000E+00
1531	519.686	-63.2035	0.000000E+00
1532	519.706	-66.7067	0.000000E+00
1533	519.796	-68.3817	0.000000E+00
1534	520.619	-57.2168	0.000000E+00
1535	520.658	-57.9657	0.000000E+00
1536	521.227	-68.3001	0.000000E+00
1537	521.266	-69.0491	0.000000E+00
1538	519.660	-58.0188	0.000000E+00
1539	519.753	-59.6956	0.000000E+00
1540	519.778	-63.1986	0.000000E+00
1541	519.969	-66.6934	0.000000E+00
1542	520.228	-68.3554	0.000000E+00
1543	520.268	-69.1021	0.000000E+00
1544	523.030	-57.0847	0.000000E+00
1545	523.071	-57.8336	0.000000E+00
1546	523.656	-68.1671	0.000000E+00
1547	523.697	-68.9160	0.000000E+00
1548	522.073	-57.8883	0.000000E+00
1549	522.169	-59.5631	0.000000E+00
1550	522.199	-63.0659	0.000000E+00
1551	524.529	-62.9346	0.000000E+00
1552	524.559	-66.4380	0.000000E+00
1553	524.655	-68.1124	0.000000E+00
1554	525.441	-56.9449	0.000000E+00
1555	525.484	-57.6937	0.000000E+00
1556	526.085	-68.0262	0.000000E+00
1557	526.127	-68.7750	0.000000E+00
1558	524.485	-57.7500	0.000000E+00
1559	524.574	-59.4214	0.000000E+00
1560	524.611	-62.9299	0.000000E+00
1561	524.813	-66.4240	0.000000E+00
1562	525.087	-68.0903	0.000000E+00
1563	525.129	-68.8313	0.000000E+00
1564	527.852	-56.8051	0.000000E+00
1565	527.896	-57.5538	0.000000E+00
1566	528.514	-67.8854	0.000000E+00
1567	528.558	-68.6341	0.000000E+00
1568	526.898	-57.6117	0.000000E+00
1569	527.000	-59.2865	0.000000E+00
1570	527.041	-62.7889	0.000000E+00
1571	529.371	-62.6501	0.000000E+00
1572	529.412	-66.1536	0.000000E+00
1573	529.512	-67.8275	0.000000E+00
1574	530.264	-56.6574	0.000000E+00
1575	530.309	-57.4061	0.000000E+00
1576	530.944	-67.7366	0.000000E+00
1577	530.989	-68.4853	0.000000E+00
1578	529.311	-57.4656	0.000000E+00
1579	529.412	-59.1402	0.000000E+00
1580	529.460	-62.6447	0.000000E+00
1581	529.673	-66.1381	0.000000E+00
1582	529.946	-67.8000	0.000000E+00
1583	529.990	-68.5448	0.000000E+00
1584	532.676	-56.5098	0.000000E+00
1585	532.722	-57.2584	0.000000E+00
1586	533.374	-67.5878	0.000000E+00
1587	533.420	-68.3364	0.000000E+00
1588	531.724	-57.3195	0.000000E+00
1589	531.829	-58.9927	0.000000E+00
1590	532.827	-58.9300	-2.50000
1591	532.827	-59.9300	-2.50000
1592	531.882	-62.4963	0.000000E+00
1593	534.211	-62.3500	0.000000E+00
1594	533.266	-65.9162	-2.50000
1595	533.266	-66.9162	-2.50000
1596	534.264	-65.8520	0.000000E+00
1597	534.372	-67.5267	0.000000E+00
1598	535.087	-56.3544	0.000000E+00
1599	535.134	-57.1029	0.000000E+00
1600	535.802	-67.4313	0.000000E+00
1601	535.849	-68.1798	0.000000E+00
1602	534.136	-57.1656	0.000000E+00
1603	534.244	-58.8408	0.000000E+00
1604	534.303	-62.3441	0.000000E+00
1605	534.528	-65.8369	0.000000E+00
1606	534.804	-67.4970	0.000000E+00
1607	534.851	-68.2425	0.000000E+00
1608	537.497	-56.1990	0.000000E+00
1609	537.545	-56.9475	0.000000E+00
1610	538.230	-67.2748	0.000000E+00
1611	538.278	-68.0232	0.000000E+00
1612	536.547	-57.0118	0.000000E+00
1613	536.658	-58.6849	0.000000E+00
1614	536.723	-62.1880	-0.454747E-12
1615	539.051	-62.0342	-0.454747E-12
1616	539.115	-65.5364	0.000000E+00
1617	539.228	-67.2105	0.000000E+00
1618	539.907	-56.0359	0.000000E+00
1619	539.956	-56.7842	0.000000E+00
1620	540.658	-67.1104	0.000000E+00

1621	540.707	-67.8588	0.000000E+00
1622	538.958	-56.8502	0.000000E+00
1623	539.085	-58.5317	0.000000E+00
1624	539.155	-62.0272	-0.105804E-12
1625	539.391	-65.5192	0.000000E+00
1626	539.659	-67.1716	0.000000E+00
1627	539.709	-67.9247	0.000000E+00
1628	542.316	-55.8727	0.000000E+00
1629	542.367	-56.6210	0.000000E+00
1630	543.085	-66.9461	0.000000E+00
1631	543.136	-67.6944	0.000000E+00
1632	541.369	-56.6886	0.000000E+00
1633	541.486	-58.3616	0.000000E+00
1634	541.562	-61.8642	0.000000E+00
1635	543.890	-61.7028	0.000000E+00
1636	543.965	-65.2051	0.000000E+00
1637	544.083	-66.8785	0.000000E+00
1638	544.725	-55.7018	0.000000E+00
1639	544.777	-56.4500	0.000000E+00
1640	545.512	-66.7739	0.000000E+00
1641	545.564	-67.5221	0.000000E+00
1642	543.780	-56.5192	0.000000E+00
1643	543.900	-58.1941	0.000000E+00
1644	543.981	-61.6964	0.000000E+00
1645	544.229	-65.1877	0.000000E+00
1646	544.515	-66.8454	0.000000E+00
1647	544.566	-67.5913	0.000000E+00
1648	547.135	-55.5309	0.000000E+00
1649	547.188	-56.2791	0.000000E+00
1650	547.939	-66.6017	0.000000E+00
1651	547.992	-67.3499	0.000000E+00
1652	546.190	-56.3498	0.000000E+00
1653	546.313	-58.0227	0.000000E+00
1654	546.400	-61.5248	0.000000E+00
1655	548.727	-61.3559	0.000000E+00
1656	548.814	-64.8582	0.000000E+00
1657	548.937	-66.5310	0.000000E+00
1658	549.543	-55.3523	0.000000E+00
1659	549.598	-56.1003	0.000000E+00
1660	550.366	-66.4217	0.000000E+00
1661	550.420	-67.1698	0.000000E+00
1662	548.600	-56.1727	0.000000E+00
1663	548.727	-57.8479	0.000000E+00
1664	548.820	-61.3491	0.000000E+00
1665	549.078	-64.8395	0.000000E+00
1666	549.368	-66.4957	0.000000E+00
1667	549.422	-67.2421	0.000000E+00
1668	551.952	-55.1736	0.000000E+00
1669	552.007	-55.9215	0.000000E+00
1670	552.792	-66.2417	0.000000E+00
1671	552.848	-66.9897	0.000000E+00
1672	551.010	-55.9955	0.000000E+00
1673	551.139	-57.6682	0.000000E+00
1674	551.237	-61.1697	0.000000E+00
1675	553.564	-60.9934	0.000000E+00
1676	553.662	-64.4956	0.000000E+00
1677	553.789	-66.1678	0.000000E+00
1678	554.360	-54.9872	0.000000E+00
1679	554.417	-55.7350	0.000000E+00
1680	555.218	-66.0539	0.000000E+00
1681	555.275	-66.8018	0.000000E+00
1682	553.419	-55.8106	0.000000E+00
1683	553.551	-57.4852	0.000000E+00
1684	553.655	-60.9864	0.000000E+00
1685	553.925	-64.4759	0.000000E+00
1686	554.221	-66.1313	0.000000E+00
1687	554.277	-66.8774	0.000000E+00
1688	556.768	-54.8007	0.000000E+00
1689	556.826	-55.5485	0.000000E+00
1690	557.644	-65.8661	0.000000E+00
1691	557.702	-66.6139	0.000000E+00
1692	555.829	-55.6257	0.000000E+00
1693	555.963	-57.2982	0.000000E+00
1694	556.073	-60.7991	0.000000E+00
1695	558.399	-60.6152	0.000000E+00
1696	558.508	-64.1174	0.000000E+00
1697	558.641	-65.7889	0.000000E+00
1698	559.177	-54.6064	0.000000E+00
1699	559.236	-55.3541	0.000000E+00
1700	560.070	-65.6704	0.000000E+00
1701	560.129	-66.4180	0.000000E+00
1702	558.239	-55.4329	0.000000E+00
1703	558.375	-57.1066	0.000000E+00
1704	558.490	-60.6079	0.000000E+00
1705	558.772	-64.0966	0.000000E+00
1706	559.074	-65.7515	0.000000E+00
1707	559.132	-66.4968	0.000000E+00
1708	561.585	-54.4121	0.000000E+00
1709	561.646	-55.1597	0.000000E+00
1710	562.497	-65.4746	0.000000E+00
1711	562.557	-66.2222	0.000000E+00
1712	560.649	-55.2401	0.000000E+00
1713	560.786	-56.9111	0.000000E+00
1714	560.907	-60.4129	0.000000E+00
1715	563.233	-60.2215	0.000000E+00
1716	563.354	-63.7220	0.000000E+00
1717	563.494	-65.3942	0.000000E+00
1718	563.992	-54.2102	0.000000E+00
1719	564.054	-54.9576	0.000000E+00
1720	564.921	-65.2712	0.000000E+00
1721	564.983	-66.0186	0.000000E+00
1722	563.057	-55.0396	0.000000E+00
1723	563.194	-56.7109	0.000000E+00
1724	563.321	-60.2142	-0.116906E-12
1725	563.614	-63.7019	0.000000E+00

1726	563.925	-65.3579	0.000000E+00
1727	563.986	-66.1007	0.000000E+00
1728	566.399	-54.0082	0.000000E+00
1729	566.461	-54.7556	0.000000E+00
1730	567.346	-65.0677	0.000000E+00
1731	567.409	-65.8151	0.000000E+00
1732	565.465	-54.8392	0.000000E+00
1733	565.609	-56.5100	0.000000E+00
1734	565.741	-60.0111	0.000000E+00
1735	568.066	-59.8122	0.000000E+00
1736	568.198	-63.3126	0.000000E+00
1737	568.342	-64.9841	0.000000E+00
1738	568.805	-53.7985	0.000000E+00
1739	568.869	-54.5458	0.000000E+00
1740	569.770	-64.8564	0.000000E+00
1741	569.834	-65.6037	0.000000E+00
1742	567.872	-54.6310	0.000000E+00
1743	568.019	-56.3036	0.000000E+00
1744	568.157	-59.8043	0.000000E+00
1745	568.461	-63.2911	0.000000E+00
1746	568.774	-64.9442	0.000000E+00
1747	568.837	-65.6889	0.000000E+00
1748	571.211	-53.5888	0.000000E+00
1749	571.276	-54.3359	0.000000E+00
1750	572.194	-64.6452	0.000000E+00
1751	572.259	-65.3923	0.000000E+00
1752	570.280	-54.4228	0.000000E+00
1753	570.429	-56.0933	0.000000E+00
1754	570.573	-59.5937	0.000000E+00
1755	572.897	-59.3873	0.000000E+00
1756	573.040	-62.8876	0.000000E+00
1757	573.190	-64.5583	0.000000E+00
1758	573.616	-53.3713	0.000000E+00
1759	573.683	-54.1184	0.000000E+00
1760	574.617	-64.4261	0.000000E+00
1761	574.683	-65.1731	0.000000E+00
1762	572.687	-54.2068	0.000000E+00
1763	572.851	-55.8850	0.000000E+00
1764	573.000	-59.3781	0.000000E+00
1765	573.315	-62.8639	0.000000E+00
1766	573.621	-64.5098	0.000000E+00
1767	573.687	-65.2616	0.000000E+00
1768	576.022	-53.1538	0.000000E+00
1769	576.089	-53.9008	0.000000E+00
1770	577.040	-64.2070	0.000000E+00
1771	577.108	-64.9540	0.000000E+00
1772	575.093	-53.9908	0.000000E+00
1773	575.249	-55.6611	0.000000E+00
1774	575.403	-59.1607	0.000000E+00
1775	577.727	-58.9469	0.000000E+00
1776	577.882	-62.4469	0.000000E+00
1777	578.036	-64.1170	0.000000E+00
1778	578.432	-52.9281	0.000000E+00
1779	578.500	-53.6750	0.000000E+00
1780	579.468	-63.9796	0.000000E+00
1781	579.537	-64.7265	0.000000E+00
1782	577.505	-53.7666	0.000000E+00
1783	577.663	-55.4387	0.000000E+00
1784	577.818	-58.9367	0.000000E+00
1785	578.142	-62.4225	0.000000E+00
1786	578.473	-64.0780	0.000000E+00
1787	578.541	-64.8181	0.000000E+00
1788	580.842	-52.7024	0.000000E+00
1789	580.912	-53.4491	0.000000E+00
1790	581.896	-63.7522	0.000000E+00
1791	581.966	-64.4989	0.000000E+00
1792	579.916	-53.5424	0.000000E+00
1793	580.077	-55.2104	0.000000E+00
1794	581.072	-55.1143	-2.50000
1795	581.072	-56.1143	-2.50000
1796	580.232	-58.7088	0.000000E+00
1797	582.556	-58.4927	0.000000E+00
1798	581.721	-62.0863	-2.50000
1799	581.721	-63.0863	-2.50000
1800	582.715	-61.9817	0.000000E+00
1801	582.891	-63.6590	0.000000E+00
1802	583.228	-52.4811	0.000000E+00
1803	583.298	-53.2279	0.000000E+00
1804	584.302	-63.5291	0.000000E+00
1805	584.371	-64.2759	0.000000E+00
1806	582.302	-53.3207	0.000000E+00
1807	582.467	-54.9918	0.000000E+00
1808	582.629	-58.4877	0.000000E+00
1809	582.960	-61.9728	0.000000E+00
1810	583.307	-63.6365	0.000000E+00
1811	583.376	-64.3687	0.000000E+00
1812	585.615	-52.2599	0.000000E+00
1813	585.684	-53.0067	0.000000E+00
1814	586.708	-63.3060	0.000000E+00
1815	586.777	-64.0528	0.000000E+00
1816	584.689	-53.0990	0.000000E+00
1817	584.857	-54.7664	0.000000E+00
1818	585.029	-58.2486	0.000000E+00
1819	587.351	-58.0250	0.000000E+00
1820	587.516	-61.5237	0.000000E+00
1821	587.703	-63.2137	0.000000E+00
1822	587.999	-52.0262	0.000000E+00
1823	588.070	-52.7728	0.000000E+00
1824	589.109	-63.0706	0.000000E+00
1825	589.180	-63.8172	0.000000E+00
1826	587.075	-52.8677	0.000000E+00
1827	587.247	-54.5191	0.000000E+00
1828	587.429	-58.0146	-0.116573E-13
1829	587.778	-61.4972	0.000000E+00
1830	588.114	-63.1708	0.000000E+00

1831	588.184	-63.9121	0.000000E+00
1832	590.383	-51.7925	0.000000E+00
1833	590.457	-52.5389	0.000000E+00
1834	591.510	-62.8352	0.000000E+00
1835	591.583	-63.5816	0.000000E+00
1836	589.461	-52.6364	0.000000E+00
1837	589.634	-54.2996	0.000000E+00
1838	589.822	-57.7733	0.000000E+00
1839	592.144	-57.5403	0.000000E+00
1840	592.322	-61.0532	0.000000E+00
1841	592.505	-62.7376	0.000000E+00
1842	592.768	-51.5460	0.000000E+00
1843	592.843	-52.2922	0.000000E+00
1844	593.911	-62.5869	0.000000E+00
1845	593.986	-63.3332	0.000000E+00
1846	591.848	-52.3924	0.000000E+00
1847	592.022	-54.0582	0.000000E+00
1848	592.213	-57.5549	0.000000E+00
1849	592.569	-61.0366	0.000000E+00
1850	592.917	-62.6949	0.000000E+00
1851	592.991	-63.4334	0.000000E+00
1852	595.152	-51.2995	0.000000E+00
1853	595.229	-52.0456	0.000000E+00
1854	596.312	-62.3387	0.000000E+00
1855	596.389	-63.0848	0.000000E+00
1856	594.234	-52.1484	0.000000E+00
1857	594.409	-53.8119	0.000000E+00
1858	594.613	-57.2829	0.000000E+00
1859	596.934	-57.0404	0.000000E+00
1860	597.125	-60.5616	0.000000E+00
1861	597.534	-51.0456	0.000000E+00
1862	597.307	-62.2359	0.000000E+00
1863	597.612	-51.7915	0.000000E+00
1864	598.712	-62.0829	0.000000E+00
1865	596.618	-51.8959	0.000000E+00
1866	598.790	-62.8288	0.000000E+00
1867	596.783	-53.5304	0.000000E+00
1868	596.989	-57.0340	-0.166533E-14
1869	597.360	-60.5143	0.000000E+00
1870	597.718	-62.1958	0.000000E+00
1871	599.916	-50.7916	0.000000E+00
1872	597.796	-62.9332	0.000000E+00
1873	599.996	-51.5374	0.000000E+00
1874	601.112	-61.8271	0.000000E+00
1875	599.001	-51.6434	0.000000E+00
1876	601.191	-62.5729	0.000000E+00
1877	599.183	-53.3073	0.000000E+00
1878	599.401	-56.7772	0.000000E+00
1879	601.721	-56.5253	0.000000E+00
1880	601.927	-60.0513	0.000000E+00
1881	602.299	-50.5299	0.000000E+00
1882	602.106	-61.7211	0.000000E+00
1883	602.380	-51.2756	0.000000E+00
1884	603.512	-61.5634	0.000000E+00
1885	601.385	-51.3832	0.000000E+00
1886	603.593	-62.3091	0.000000E+00
1887	601.569	-53.0470	0.000000E+00
1888	601.788	-56.5444	0.000000E+00
1889	602.173	-60.0232	0.000000E+00
1890	602.518	-61.6704	0.000000E+00
1891	604.682	-50.2682	0.000000E+00
1892	602.599	-62.4167	0.000000E+00
1893	604.763	-51.0138	0.000000E+00
1894	605.912	-61.2998	0.000000E+00
1895	603.769	-51.1229	0.000000E+00
1896	605.994	-62.0453	0.000000E+00
1897	603.954	-52.7819	0.000000E+00
1898	604.186	-56.2564	0.000000E+00
1899	606.504	-55.9951	0.000000E+00
1900	606.726	-59.5198	0.000000E+00
1901	607.061	-49.9941	0.000000E+00
1902	606.906	-61.1906	0.000000E+00
1903	607.146	-50.7393	0.000000E+00
1904	606.153	-50.8527	0.000000E+00
1905	608.308	-61.0239	0.000000E+00
1906	608.393	-61.7690	0.000000E+00
1907	606.340	-52.4939	0.000000E+00
1908	606.568	-55.9894	0.000000E+00
1909	606.961	-59.4672	0.000000E+00
1910	607.314	-61.1343	0.000000E+00
1911	609.441	-49.7200	0.000000E+00
1912	609.530	-50.4648	0.000000E+00
1913	607.399	-61.8824	0.000000E+00
1914	608.537	-50.5824	0.000000E+00
1915	610.703	-60.7480	0.000000E+00
1916	610.792	-61.4928	0.000000E+00
1917	608.723	-52.2362	0.000000E+00
1918	608.967	-55.7204	0.000000E+00
1919	611.285	-55.4497	0.000000E+00
1920	611.524	-58.9729	0.000000E+00
1921	611.820	-49.4382	0.000000E+00
1922	611.909	-50.1830	0.000000E+00
1923	611.697	-60.6304	0.000000E+00
1924	610.916	-50.3006	0.000000E+00
1925	613.101	-60.4640	0.000000E+00
1926	613.189	-61.2088	0.000000E+00
1927	611.107	-51.9581	0.000000E+00
1928	611.355	-55.4563	0.000000E+00
1929	611.768	-58.9319	0.000000E+00
1930	614.199	-49.1565	0.000000E+00
1931	612.107	-60.5680	0.000000E+00
1932	614.288	-49.9013	0.000000E+00
1933	612.196	-61.3264	0.000000E+00
1934	613.295	-50.0189	0.000000E+00
1935	615.499	-60.1801	0.000000E+00

1936	613.491	-51.6751	0.000000E+00
1937	615.587	-60.9249	0.000000E+00
1938	614.484	-51.5575	-2.50000
1939	614.484	-52.5575	-2.50000
1940	614.795	-49.0827	0.000000E+00
1941	614.887	-49.8270	0.000000E+00
1942	613.746	-55.1693	0.000000E+00
1943	613.895	-49.9500	0.000000E+00
1944	614.086	-51.6005	0.000000E+00
1945	616.063	-54.8892	0.000000E+00
1946	614.341	-55.0990	0.000000E+00
1947	615.324	-58.5069	-2.50000
1948	615.324	-59.5069	-2.50000
1949	616.318	-58.4027	0.000000E+00
1950	616.492	-60.0625	0.000000E+00
1951	616.658	-54.8189	0.000000E+00
1953	616.183	-60.8511	0.000000E+00
1954	616.102	-60.1055	0.000000E+00
1955	616.914	-58.3264	0.000000E+00
1956	617.096	-59.9972	0.000000E+00
1957	305.273	-62.9707	-1.00000
1958	305.583	-59.4844	-1.00000
1959	304.111	-62.8675	-1.00000
1960	305.893	-55.9981	-1.00000
1961	304.421	-59.3812	-1.00000
1962	310.081	-63.3900	-1.00000
1963	310.379	-59.9027	-1.00000
1964	308.918	-63.2905	-1.00000
1965	310.678	-56.4155	-1.00000
1966	309.217	-59.8032	-1.00000
1967	314.889	-63.7939	-1.00000
1968	315.177	-60.3057	-1.00000
1969	313.727	-63.6981	-1.00000
1970	315.464	-56.8175	-1.00000
1971	314.014	-60.2099	-1.00000
1972	319.699	-64.1824	-1.00000
1973	319.975	-60.6933	-1.00000
1974	318.536	-64.0903	-1.00000
1975	320.251	-57.2042	-1.00000
1976	318.812	-60.6012	-1.00000
1977	324.510	-64.5555	-1.00000
1978	324.775	-61.0656	-1.00000
1979	323.347	-64.4672	-1.00000
1980	325.040	-57.5756	-1.00000
1981	323.612	-60.9772	-1.00000
1982	329.322	-64.9132	-1.00000
1983	329.576	-61.4225	-1.00000
1984	328.159	-64.8286	-1.00000
1985	329.830	-57.9317	-1.00000
1986	328.413	-61.3378	-1.00000
1987	334.136	-65.2556	-1.00000
1988	334.378	-61.7640	-1.00000
1989	332.972	-65.1747	-1.00000
1990	334.621	-58.2724	-1.00000
1991	333.214	-61.6831	-1.00000
1992	338.950	-65.5825	-1.00000
1993	339.182	-62.0901	-1.00000
1994	337.786	-65.5053	-1.00000
1995	339.413	-58.5978	-1.00000
1996	338.017	-62.0130	-1.00000
1997	343.801	-65.8961	-1.00000
1998	344.021	-62.4031	-1.00000
1999	342.637	-65.8227	-1.00000
2000	344.242	-58.9100	-1.00000
2001	342.857	-62.3297	-1.00000
2002	348.653	-66.1942	-1.00000
2003	348.862	-62.7005	-1.00000
2004	347.489	-66.1246	-1.00000
2005	349.071	-59.2067	-1.00000
2006	347.698	-62.6308	-1.00000
2007	353.506	-66.4767	-1.00000
2008	353.704	-62.9823	-1.00000
2009	352.342	-66.4108	-1.00000
2010	353.902	-59.4879	-1.00000
2011	352.539	-62.9164	-1.00000
2012	358.360	-66.7435	-1.00000
2013	358.547	-63.2485	-1.00000
2014	357.195	-66.6814	-1.00000
2015	358.733	-59.7535	-1.00000
2016	357.382	-63.1863	-1.00000
2017	363.215	-66.9947	-1.00000
2018	363.390	-63.4991	-1.00000
2019	362.050	-66.9363	-1.00000
2020	363.566	-60.0035	-1.00000
2021	362.225	-63.4407	-1.00000
2022	368.071	-67.2302	-1.00000
2023	368.235	-63.7340	-1.00000
2024	366.905	-67.1755	-1.00000
2025	368.399	-60.2379	-1.00000
2026	367.069	-63.6794	-1.00000
2027	372.927	-67.4500	-1.00000
2028	373.080	-63.9534	-1.00000
2029	371.761	-67.3992	-1.00000
2030	373.232	-60.4567	-1.00000
2031	371.914	-63.9025	-1.00000
2032	377.784	-67.6542	-1.00000
2033	377.925	-64.1571	-1.00000
2034	376.618	-67.6071	-1.00000
2035	378.067	-60.6600	-1.00000
2036	376.760	-64.1100	-1.00000
2037	382.642	-67.8428	-1.00000
2038	382.772	-64.3452	-1.00000
2039	381.476	-67.7994	-1.00000
2040	382.902	-60.8476	-1.00000
2041	381.606	-64.3018	-1.00000

2042	387.500	-68.0156	-1.00000
2043	387.619	-64.5177	-1.00000
2044	386.334	-67.9760	-1.00000
2045	387.737	-61.0197	-1.00000
2046	386.453	-64.4781	-1.00000
2047	392.359	-68.1729	-1.00000
2048	392.466	-64.6745	-1.00000
2049	391.192	-68.1370	-1.00000
2050	392.574	-61.1762	-1.00000
2051	391.300	-64.6387	-1.00000
2052	397.218	-68.3144	-1.00000
2053	397.314	-64.8157	-1.00000
2054	396.052	-68.2823	-1.00000
2055	397.410	-61.3171	-1.00000
2056	396.148	-64.7836	-1.00000
2057	402.077	-68.4403	-1.00000
2058	402.162	-64.9413	-1.00000
2059	400.911	-68.4120	-1.00000
2060	402.247	-61.4424	-1.00000
2061	400.996	-64.9130	-1.00000
2062	406.937	-68.5505	-1.00000
2063	407.011	-65.0513	-1.00000
2064	405.771	-68.5259	-1.00000
2065	407.085	-61.5521	-1.00000
2066	405.845	-65.0267	-1.00000
2067	411.798	-68.6450	-1.00000
2068	411.860	-65.1456	-1.00000
2069	410.631	-68.6242	-1.00000
2070	411.923	-61.6462	-1.00000
2071	410.694	-65.1248	-1.00000
2072	416.658	-68.7239	-1.00000
2073	416.710	-65.2243	-1.00000
2074	415.492	-68.7069	-1.00000
2075	416.761	-61.7247	-1.00000
2076	415.543	-65.2072	-1.00000
2077	421.519	-68.7871	-1.00000
2078	421.559	-65.2873	-1.00000
2079	420.353	-68.7738	-1.00000
2080	421.599	-61.7876	-1.00000
2081	420.393	-65.2741	-1.00000
2082	426.380	-68.8347	-1.00000
2083	426.409	-65.3348	-1.00000
2084	425.214	-68.8251	-1.00000
2085	426.438	-61.8349	-1.00000
2086	425.242	-65.3252	-1.00000
2087	431.242	-68.8665	-1.00000
2088	431.259	-65.3666	-1.00000
2089	430.075	-68.8607	-1.00000
2090	431.276	-61.8666	-1.00000
2091	430.092	-65.3608	-1.00000
2092	436.103	-68.8827	-1.00000
2093	436.109	-65.3827	-1.00000
2094	434.936	-68.8807	-1.00000
2095	436.115	-61.8827	-1.00000
2096	434.942	-65.3807	-1.00000
2097	440.959	-65.3832	-1.00000
2098	440.954	-61.8832	-1.00000
2099	439.792	-65.3850	-1.00000
2100	440.964	-68.8832	-1.00000
2101	439.797	-68.8850	-1.00000
2102	445.809	-65.3681	-1.00000
2103	445.792	-61.8681	-1.00000
2104	444.642	-65.3736	-1.00000
2105	445.825	-68.8681	-1.00000
2106	444.659	-68.8736	-1.00000
2107	450.659	-65.3373	-1.00000
2108	450.631	-61.8375	-1.00000
2109	449.492	-65.3466	-1.00000
2110	450.687	-68.8372	-1.00000
2111	449.520	-68.8465	-1.00000
2112	455.508	-65.2909	-1.00000
2113	455.469	-61.7912	-1.00000
2114	454.342	-65.3040	-1.00000
2115	455.548	-68.7907	-1.00000
2116	454.381	-68.8038	-1.00000
2117	460.358	-65.2289	-1.00000
2118	460.308	-61.7293	-1.00000
2119	459.192	-65.2457	-1.00000
2120	460.408	-68.7286	-1.00000
2121	459.242	-68.7454	-1.00000
2122	465.207	-65.1513	-1.00000
2123	465.146	-61.6518	-1.00000
2124	464.041	-65.1718	-1.00000
2125	465.269	-68.6507	-1.00000
2126	464.103	-68.6713	-1.00000
2127	470.057	-65.0580	-1.00000
2128	469.984	-61.5587	-1.00000
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2541	615.324	-59.5069	-1.00000
2542	304.527	-64.5857	0.000000E+00
2543	304.460	-65.3327	0.000000E+00
2544	305.523	-64.6748	0.000000E+00
2545	305.672	-63.0063	0.000000E+00
2546	305.058	-65.3862	0.000000E+00
2547	305.123	-64.6390	0.000000E+00
2548	306.147	-59.5344	0.000000E+00
2549	306.119	-64.7259	0.000000E+00
2550	303.823	-59.3280	0.000000E+00
2551	306.269	-63.0605	0.000000E+00
2552	305.273	-62.9707	-2.50000
2553	305.273	-63.9707	-2.50000
2554	305.442	-54.2762	0.000000E+00
2555	304.299	-55.8573	0.000000E+00
2556	306.745	-59.5876	0.000000E+00
2557	305.509	-53.5292	0.000000E+00
2558	304.446	-54.1871	0.000000E+00
2559	304.421	-59.3812	0.000000E+00
2560	306.041	-54.3298	0.000000E+00
2561	306.106	-53.5827	0.000000E+00
2562	305.893	-55.9981	-2.50000
2563	305.893	-56.9981	-2.50000
2564	304.896	-55.9095	0.000000E+00
2565	305.045	-54.2429	0.000000E+00
2566	307.468	-65.5984	0.000000E+00

2567	307.533	-64.8512	0.000000E+00
2568	308.433	-54.5403	0.000000E+00
2569	308.498	-53.7932	0.000000E+00
2570	306.472	-65.5115	0.000000E+00
2571	306.537	-64.7643	0.000000E+00
2572	306.517	-63.0818	0.000000E+00
2573	306.819	-59.5934	0.000000E+00
2574	307.291	-56.1220	0.000000E+00
2575	307.436	-54.4534	0.000000E+00
2576	309.874	-65.8062	0.000000E+00
2577	309.939	-65.0591	0.000000E+00
2578	310.819	-54.7466	0.000000E+00
2579	310.884	-53.9994	0.000000E+00
2580	310.935	-65.1460	0.000000E+00
2581	311.077	-63.4746	0.000000E+00
2582	311.542	-60.0023	0.000000E+00
2583	309.217	-59.8032	0.000000E+00
2584	309.681	-56.3310	0.000000E+00
2585	309.823	-54.6597	0.000000E+00
2586	312.274	-66.0098	0.000000E+00
2587	312.337	-65.2624	0.000000E+00
2588	313.203	-54.9488	0.000000E+00
2589	313.266	-54.2014	0.000000E+00
2590	311.278	-65.9261	0.000000E+00
2591	311.341	-65.1787	0.000000E+00
2592	311.315	-63.4956	0.000000E+00
2593	311.608	-60.0079	0.000000E+00
2594	312.067	-56.5341	0.000000E+00
2595	312.207	-54.8651	0.000000E+00
2596	314.691	-66.2109	0.000000E+00
2597	314.754	-65.4635	0.000000E+00
2598	315.601	-55.1482	0.000000E+00
2599	315.664	-54.4009	0.000000E+00
2600	315.750	-65.5472	0.000000E+00
2601	315.886	-63.8747	0.000000E+00
2602	316.339	-60.4015	0.000000E+00
2603	314.014	-60.2099	0.000000E+00
2604	314.467	-56.7355	0.000000E+00
2605	314.605	-55.0645	0.000000E+00
2606	317.108	-66.4080	0.000000E+00
2607	317.169	-65.6605	0.000000E+00
2608	318.002	-55.3441	0.000000E+00
2609	318.062	-54.5965	0.000000E+00
2610	316.111	-66.3275	0.000000E+00
2611	316.172	-65.5800	0.000000E+00
2612	316.140	-63.9000	0.000000E+00
2613	316.413	-60.4044	0.000000E+00
2614	316.870	-56.9330	0.000000E+00
2615	317.005	-55.2636	0.000000E+00
2616	319.507	-66.5999	0.000000E+00
2617	319.568	-65.8523	0.000000E+00
2618	320.382	-55.5344	0.000000E+00
2619	320.442	-54.7868	0.000000E+00
2620	320.564	-65.9328	0.000000E+00
2621	320.696	-64.2609	0.000000E+00
2622	321.138	-60.7854	0.000000E+00
2623	318.812	-60.6012	0.000000E+00
2624	319.255	-57.1263	0.000000E+00
2625	319.385	-55.4539	0.000000E+00
2626	321.917	-66.7887	0.000000E+00
2627	321.975	-66.0409	0.000000E+00
2628	322.775	-55.7219	0.000000E+00
2629	322.833	-54.9742	0.000000E+00
2630	320.920	-66.7114	0.000000E+00
2631	320.978	-65.9636	0.000000E+00
2632	320.941	-64.2807	0.000000E+00
2633	321.212	-60.7911	0.000000E+00
2634	321.649	-57.3145	0.000000E+00
2635	321.778	-55.6446	0.000000E+00
2636	324.327	-66.9737	0.000000E+00
2637	324.385	-66.2259	0.000000E+00
2638	325.166	-55.9054	0.000000E+00
2639	325.224	-55.1577	0.000000E+00
2640	325.382	-66.3032	0.000000E+00
2641	325.507	-64.6302	0.000000E+00
2642	325.938	-61.1539	0.103806E-13
2643	323.612	-60.9772	0.103806E-13
2644	324.043	-57.5002	0.000000E+00
2645	324.169	-55.8281	0.000000E+00
2646	326.727	-67.1540	0.000000E+00
2647	326.783	-66.4060	0.000000E+00
2648	327.550	-56.0845	0.000000E+00
2649	327.605	-55.3366	0.000000E+00
2650	325.730	-67.0798	0.000000E+00
2651	325.785	-66.3319	0.000000E+00
2652	325.744	-64.6460	0.000000E+00
2653	326.012	-61.1625	0.000000E+00
2654	326.428	-57.6807	0.000000E+00
2655	326.553	-56.0104	0.000000E+00
2656	329.146	-67.3318	0.000000E+00
2657	329.201	-66.5839	0.000000E+00
2658	329.949	-56.2610	0.000000E+00
2659	330.005	-55.5130	0.000000E+00
2660	330.198	-66.6580	0.000000E+00
2661	330.320	-64.9856	0.000000E+00
2662	330.740	-61.5070	0.000000E+00
2663	328.413	-61.3378	0.000000E+00
2664	328.833	-57.8604	0.000000E+00
2665	328.952	-56.1868	0.000000E+00
2666	331.564	-67.5058	0.000000E+00
2667	331.618	-66.7577	0.000000E+00
2668	332.352	-56.4337	0.000000E+00
2669	332.405	-55.6856	0.000000E+00
2670	330.567	-67.4349	0.000000E+00
2671	330.620	-66.6867	0.000000E+00

2672	330.573	-65.0041	0.000000E+00
2673	330.821	-61.5129	0.000000E+00
2674	331.235	-58.0335	0.000000E+00
2675	331.354	-56.3628	0.000000E+00
2676	333.968	-67.6748	0.000000E+00
2677	334.020	-66.9266	0.000000E+00
2678	334.736	-56.6014	0.000000E+00
2679	334.789	-55.8533	0.000000E+00
2680	335.017	-66.9958	0.000000E+00
2681	335.133	-65.3248	0.000000E+00
2682	335.542	-61.8448	-0.274780E-13
2683	333.214	-61.6830	-0.274780E-13
2684	333.623	-58.2037	0.000000E+00
2685	333.739	-56.5305	0.000000E+00
2686	336.377	-67.8403	0.000000E+00
2687	336.427	-67.0920	0.000000E+00
2688	337.129	-56.7658	0.000000E+00
2689	337.179	-56.0175	0.000000E+00
2690	335.379	-67.7725	0.000000E+00
2691	335.430	-67.0242	0.000000E+00
2692	335.377	-65.3411	0.000000E+00
2693	335.616	-61.8506	0.000000E+00
2694	336.017	-58.3691	0.000000E+00
2695	336.131	-56.6980	0.000000E+00
2696	338.788	-68.0121	0.000000E+00
2697	338.838	-67.2637	0.000000E+00
2698	339.519	-56.9362	0.000000E+00
2699	339.572	-56.1880	0.000000E+00
2700	339.835	-67.3304	0.000000E+00
2701	339.948	-65.6491	0.000000E+00
2702	338.950	-65.5825	-2.50000
2703	338.950	-66.5825	-2.50000
2704	340.346	-62.1673	0.000000E+00
2705	338.017	-62.0130	0.000000E+00
2706	339.413	-58.5978	-2.50000
2707	339.413	-59.5978	-2.50000
2708	338.415	-58.5341	0.000000E+00
2709	338.522	-56.8664	0.000000E+00
2710	341.216	-68.1611	0.000000E+00
2711	341.265	-67.4126	0.000000E+00
2712	341.933	-57.0842	0.000000E+00
2713	341.981	-56.3358	0.000000E+00
2714	340.218	-68.0965	0.000000E+00
2715	340.267	-67.3481	0.000000E+00
2716	340.208	-65.6657	0.000000E+00
2717	340.434	-62.1730	0.000000E+00
2718	340.827	-58.6911	0.000000E+00
2719	340.935	-57.0197	0.000000E+00
2720	343.649	-68.3165	0.000000E+00
2721	343.696	-67.5679	0.000000E+00
2722	344.348	-57.2385	0.000000E+00
2723	344.395	-56.4900	0.000000E+00
2724	344.694	-67.6305	0.000000E+00
2725	344.799	-65.9587	0.000000E+00
2726	345.186	-62.4765	0.568434E-13
2727	342.857	-62.3297	0.568434E-13
2728	343.244	-58.8464	0.000000E+00
2729	343.350	-57.1760	0.000000E+00
2730	346.083	-68.4680	0.000000E+00
2731	346.129	-67.7194	0.000000E+00
2732	346.764	-57.3888	0.000000E+00
2733	346.810	-56.6403	0.000000E+00
2734	345.085	-68.4066	0.000000E+00
2735	345.131	-67.6580	0.000000E+00
2736	345.067	-65.9759	0.000000E+00
2737	345.282	-62.4825	0.309197E-13
2738	345.663	-58.9993	0.000000E+00
2739	345.766	-57.3275	0.000000E+00
2740	348.509	-68.6150	0.000000E+00
2741	348.554	-67.8664	0.000000E+00
2742	349.171	-57.5348	0.000000E+00
2743	349.217	-56.7862	0.000000E+00
2744	349.552	-67.9259	0.000000E+00
2745	349.652	-66.2538	0.000000E+00
2746	350.027	-62.7702	0.000000E+00
2747	347.698	-62.6308	0.000000E+00
2748	348.073	-59.1475	0.000000E+00
2749	348.172	-57.4734	0.000000E+00
2750	350.951	-68.7591	0.000000E+00
2751	350.994	-68.0104	0.000000E+00
2752	351.596	-57.6779	0.000000E+00
2753	351.639	-56.9291	0.000000E+00
2754	349.953	-68.7010	0.000000E+00
2755	349.996	-67.9523	0.000000E+00
2756	349.927	-66.2704	0.000000E+00
2757	350.130	-62.7763	0.000000E+00
2758	350.500	-59.2919	0.000000E+00
2759	350.597	-57.6198	0.000000E+00
2760	353.369	-68.8979	0.000000E+00
2761	353.412	-68.1491	0.000000E+00
2762	353.995	-57.8156	0.000000E+00
2763	354.039	-57.0668	0.000000E+00
2764	354.410	-68.2056	0.000000E+00
2765	354.505	-66.5332	0.000000E+00
2766	354.869	-63.0482	0.000000E+00
2767	352.539	-62.9164	0.000000E+00
2768	352.903	-59.4321	0.000000E+00
2769	352.997	-57.7575	0.000000E+00
2770	355.793	-69.0331	0.000000E+00
2771	355.834	-68.2842	0.000000E+00
2772	356.403	-57.9499	0.000000E+00
2773	356.444	-57.2010	0.000000E+00
2774	354.795	-68.9782	0.000000E+00
2775	354.836	-68.2294	0.000000E+00
2776	354.761	-66.5477	0.000000E+00

2777	354.954	-63.0529	0.000000E+00
2778	355.312	-59.5674	0.000000E+00
2779	355.404	-57.8950	0.000000E+00
2780	358.231	-69.1651	0.000000E+00
2781	358.272	-68.4163	0.000000E+00
2782	358.821	-58.0808	0.000000E+00
2783	358.862	-57.3320	0.000000E+00
2784	359.270	-68.4711	0.000000E+00
2785	359.359	-66.7964	0.000000E+00
2786	359.712	-63.3106	-0.888178E-15
2787	357.382	-63.1863	-0.888178E-15
2788	357.735	-59.7012	0.000000E+00
2789	357.822	-58.0259	0.000000E+00
2790	360.663	-69.2929	0.000000E+00
2791	360.702	-68.5439	0.000000E+00
2792	361.236	-58.2078	0.000000E+00
2793	361.275	-57.4588	0.000000E+00
2794	359.664	-69.2413	0.000000E+00
2795	359.703	-68.4923	0.000000E+00
2796	359.623	-66.8110	0.000000E+00
2797	359.803	-63.3153	0.000000E+00
2798	360.151	-59.8288	0.000000E+00
2799	360.238	-58.1561	0.000000E+00
2800	363.093	-69.4167	0.000000E+00
2801	363.132	-68.6677	0.000000E+00
2802	363.647	-58.3305	0.000000E+00
2803	363.686	-57.5815	0.000000E+00
2804	364.130	-68.7193	0.000000E+00
2805	364.214	-67.0446	0.000000E+00
2806	364.556	-63.5575	0.000000E+00
2807	362.225	-63.4407	0.000000E+00
2808	362.567	-59.9547	0.000000E+00
2809	362.649	-58.2789	0.000000E+00
2810	365.533	-69.5370	0.000000E+00
2811	365.570	-68.7879	0.000000E+00
2812	366.071	-58.4500	0.000000E+00
2813	366.107	-57.7009	0.000000E+00
2814	364.535	-69.4886	0.000000E+00
2815	364.571	-68.7395	0.000000E+00
2816	364.485	-67.0609	0.000000E+00
2817	364.647	-63.5593	0.000000E+00
2818	364.991	-60.0746	0.000000E+00
2819	365.072	-58.4016	0.000000E+00
2820	367.958	-69.6527	0.000000E+00
2821	367.995	-68.9035	0.000000E+00
2822	368.477	-58.5648	0.000000E+00
2823	368.513	-57.8157	0.000000E+00
2824	368.993	-68.9520	0.000000E+00
2825	369.070	-67.2756	0.000000E+00
2826	369.400	-63.7887	0.000000E+00
2827	367.069	-63.6794	0.000000E+00
2828	367.400	-60.1910	0.000000E+00
2829	367.478	-58.5163	0.000000E+00
2830	370.378	-69.7642	0.000000E+00
2831	370.412	-69.0149	0.000000E+00
2832	370.880	-58.6755	0.000000E+00
2833	370.914	-57.9263	0.000000E+00
2834	369.379	-69.7189	0.000000E+00
2835	369.413	-68.9697	0.000000E+00
2836	369.322	-67.2888	0.000000E+00
2837	369.481	-63.7924	-0.489053E-13
2838	369.806	-60.3035	0.000000E+00
2839	369.881	-58.6303	0.000000E+00
2840	372.822	-69.8728	0.000000E+00
2841	372.856	-69.1236	0.000000E+00
2842	373.305	-58.7834	0.000000E+00
2843	373.339	-58.0341	0.000000E+00
2844	373.855	-69.1688	0.000000E+00
2845	373.926	-67.4925	0.000000E+00
2846	374.245	-64.0043	0.000000E+00
2847	371.914	-63.9025	0.000000E+00
2848	372.233	-60.4134	0.000000E+00
2849	372.306	-58.7381	0.000000E+00
2850	375.250	-69.9769	0.000000E+00
2851	375.282	-69.2276	0.000000E+00
2852	375.716	-58.8867	0.000000E+00
2853	375.748	-58.1374	0.000000E+00
2854	374.251	-69.9349	0.000000E+00
2855	374.282	-69.1855	0.000000E+00
2856	374.186	-67.5049	0.000000E+00
2857	374.333	-64.0080	0.000000E+00
2858	374.647	-60.5181	0.000000E+00
2859	374.717	-58.8447	0.000000E+00
2860	377.686	-70.0774	0.000000E+00
2861	377.718	-69.3280	0.000000E+00
2862	378.133	-58.9864	0.000000E+00
2863	378.165	-58.2370	0.000000E+00
2864	378.717	-69.3700	0.000000E+00
2865	378.783	-67.6938	0.000000E+00
2866	379.091	-64.2042	0.000000E+00
2867	376.760	-64.1100	0.000000E+00
2868	377.068	-60.6201	0.000000E+00
2869	377.134	-58.9444	0.000000E+00
2870	379.123	-70.1351	0.000000E+00
2871	379.152	-69.3857	0.000000E+00
2872	379.051	-67.7054	0.000000E+00
2873	379.187	-64.2080	0.000000E+00
2874	436.115	-61.8827	-2.50000
2875	484.495	-61.1859	-2.50000
2876	484.602	-64.6843	-2.50000
2877	484.602	-64.6843	-2.50000
2878	484.708	-68.1827	-2.50000
2879	532.827	-58.9300	-2.50000
2880	533.047	-62.4231	-2.50000
2881	533.047	-62.4231	-2.50000

2882	533.266	-65.9162	-2.50000
2883	581.072	-55.1143	-2.50000
2884	581.396	-58.6003	-2.50000
2885	581.396	-58.6003	-2.50000
2886	581.721	-62.0863	-2.50000
2887	614.484	-51.5575	-2.50000
2888	614.904	-55.0322	-2.50000
2889	614.904	-55.0322	-2.50000
2890	615.324	-58.5069	-2.50000
2891	305.273	-62.9707	-2.50000
2892	305.583	-59.4844	-2.50000
2893	305.583	-59.4844	-2.50000
2894	305.893	-55.9981	-2.50000
2895	338.950	-65.5825	-2.50000
2896	339.182	-62.0901	-2.50000
2897	339.182	-62.0901	-2.50000
2898	339.413	-58.5978	-2.50000
2899	387.500	-68.0156	-2.50000
2900	387.619	-64.5177	-2.50000
2901	387.619	-64.5177	-2.50000
2902	387.737	-61.0197	-2.50000
2903	436.103	-68.8827	-2.50000
2904	436.109	-65.3827	-2.50000
2905	436.109	-65.3827	-2.50000
2906	437.115	-61.8844	-2.50000
2907	436.117	-60.8827	-2.50000
2908	485.494	-61.1554	-2.50000
2909	484.464	-60.1864	-2.50000
2910	485.601	-64.6538	-2.50000
2911	484.571	-63.6847	-2.50000
2912	485.708	-68.1521	-2.50000
2913	484.678	-67.1831	-2.50000
2914	533.825	-58.8673	-2.50000
2915	532.765	-57.9320	-2.50000
2916	534.045	-62.3604	-2.50000
2917	532.984	-61.4251	-2.50000
2918	534.264	-65.8535	-2.50000
2919	533.204	-64.9182	-2.50000
2920	582.068	-55.0217	-2.50000
2921	580.980	-54.1186	-2.50000
2922	582.392	-58.5077	-2.50000
2923	581.304	-57.6046	-2.50000
2924	582.716	-61.9937	-2.50000
2925	581.628	-61.0906	-2.50000
2926	615.477	-51.4380	-2.50000
2927	614.364	-50.5647	-2.50000
2928	615.897	-54.9127	-2.50000
2929	614.784	-54.0394	-2.50000
2930	616.317	-58.3874	-2.50000
2931	615.204	-57.5141	-2.50000
2932	306.269	-63.0597	-2.50000
2933	305.362	-61.9747	-2.50000
2934	306.579	-59.5734	-2.50000
2935	305.672	-58.4884	-2.50000
2936	306.889	-56.0871	-2.50000
2937	305.982	-55.0021	-2.50000
2938	339.948	-65.6486	-2.50000
2939	339.016	-64.5847	-2.50000
2940	340.179	-62.1563	-2.50000
2941	339.248	-61.0923	-2.50000
2942	340.411	-58.6640	-2.50000
2943	339.479	-57.6000	-2.50000
2944	388.499	-68.0496	-2.50000
2945	387.534	-67.0162	-2.50000
2946	388.618	-64.5516	-2.50000
2947	387.653	-63.5182	-2.50000
2948	388.737	-61.0536	-2.50000
2949	387.771	-60.0203	-2.50000
2950	305.494	-60.4805	0.277556E-16
2951	306.579	-59.5729	0.390446E-13
2952	310.294	-60.8991	0.277556E-16
2953	311.376	-59.9880	-0.724483E-14
2954	315.094	-61.3023	0.277556E-16
2955	316.173	-60.3878	-0.928566E-13
2956	319.896	-61.6902	0.277556E-16
2957	320.972	-60.7722	0.224567E-13
2958	324.699	-62.0627	0.277556E-16
2959	325.772	-61.1413	0.277556E-16
2960	329.504	-62.4198	0.277556E-16
2961	330.574	-61.4950	-0.324432E-13
2962	334.309	-62.7616	0.277556E-16
2963	335.376	-61.8333	-0.399272E-13
2964	339.115	-63.0880	0.277556E-16
2965	340.179	-62.1563	0.989797E-14
2966	343.959	-63.4011	0.277556E-16
2967	345.019	-62.4660	0.147837E-13
2968	348.803	-63.6987	0.277556E-16
2969	349.861	-62.7602	-0.630785E-13
2970	353.648	-63.9807	0.277556E-16
2971	354.703	-63.0388	-0.813641E-13
2972	358.494	-64.2471	0.277556E-16
2973	359.545	-63.3018	0.620901E-13
2974	363.340	-64.4978	0.277556E-16
2975	364.389	-63.5491	-0.471414E-13
2976	368.188	-64.7329	0.277556E-16
2977	369.234	-63.7809	-0.110872E-12
2978	373.036	-64.9524	0.277556E-16
2979	374.079	-63.9970	0.565072E-13
2980	377.885	-65.1563	0.277556E-16
2981	378.925	-64.1975	-0.412704E-13
2982	382.735	-65.3445	0.277556E-16
2983	383.771	-64.3824	0.610579E-13
2984	387.585	-65.5171	0.277556E-16
2985	388.618	-64.5516	-0.991195E-13
2986	392.435	-65.6740	0.277556E-16

2987	393.466	-64.7052	-0.406318E-13
2988	397.287	-65.8154	0.277556E-16
2989	398.314	-64.8432	-0.106971E-12
2990	402.138	-65.9410	0.277556E-16
2991	403.162	-64.9656	-0.967166E-13
2992	406.990	-66.0511	0.277556E-16
2993	408.011	-65.0723	0.481620E-14
2994	411.842	-66.1454	0.277556E-16
2995	412.860	-65.1634	-0.555393E-13
2996	416.695	-66.2242	0.277556E-16
2997	417.710	-65.2389	-0.534870E-13
2998	421.548	-66.2873	0.277556E-16
2999	422.559	-65.2987	0.837015E-15
3000	426.401	-66.3347	0.277556E-16
3001	427.409	-65.3429	0.211646E-14
3002	431.254	-66.3665	0.277556E-16
3003	432.259	-65.3715	0.979810E-16
3004	436.107	-66.3827	0.277556E-16
3005	437.109	-65.3844	-0.170112E-12
3006	440.960	-66.3832	0.277556E-16
3007	441.959	-65.3817	-0.113894E-12
3008	445.814	-66.3681	0.277556E-16
3009	446.809	-65.3634	-0.579577E-13
3010	450.667	-66.3373	0.277556E-16
3011	451.659	-65.3294	-0.121560E-14
3012	455.520	-66.2909	0.277556E-16
3013	456.508	-65.2798	-0.766469E-15
3014	460.372	-66.2288	0.277556E-16
3015	461.358	-65.2145	-0.508864E-14
3016	465.225	-66.1511	0.277556E-16
3017	466.207	-65.1336	-0.630685E-13
3018	470.077	-66.0577	0.277556E-16
3019	471.056	-65.0371	-0.639138E-13
3020	474.929	-65.9487	0.277556E-16
3021	475.905	-64.9250	0.558285E-13
3022	479.781	-65.8241	0.277556E-16
3023	480.753	-64.7972	-0.120211E-12
3024	484.632	-65.6838	0.277556E-16
3025	485.601	-64.6538	0.529417E-13
3026	489.483	-65.5279	0.277556E-16
3027	490.449	-64.4947	-0.130375E-12
3028	494.333	-65.3563	0.277556E-16
3029	495.295	-64.3201	-0.667565E-13
3030	499.183	-65.1691	0.277556E-16
3031	500.142	-64.1298	-0.653352E-13
3032	504.032	-64.9663	0.277556E-16
3033	504.987	-63.9238	-0.891588E-14
3034	508.880	-64.7478	0.277556E-16
3035	509.832	-63.7023	-0.124468E-12
3036	513.728	-64.5138	0.277556E-16
3037	514.677	-63.4652	-0.988890E-14
3038	518.574	-64.2640	0.277556E-16
3039	519.520	-63.2124	0.117325E-12
3040	523.420	-63.9987	0.277556E-16
3041	524.362	-62.9440	-0.183684E-13
3042	528.265	-63.7177	0.277556E-16
3043	529.204	-62.6600	-0.758238E-14
3044	533.110	-63.4211	0.277556E-16
3045	534.045	-62.3604	-0.275920E-12
3046	537.953	-63.1089	0.277556E-16
3047	538.885	-62.0452	0.919157E-13
3048	542.795	-62.7811	0.277556E-16
3049	543.723	-61.7144	0.126709E-12
3050	547.636	-62.4377	0.277556E-16
3051	548.561	-61.3680	-0.122617E-12
3052	552.476	-62.0787	0.277556E-16
3053	553.397	-61.0060	-0.150928E-12
3054	557.315	-61.7041	0.277556E-16
3055	558.233	-60.6284	-0.135702E-12
3056	562.152	-61.3138	0.277556E-16
3057	563.067	-60.2352	0.230715E-12
3058	566.988	-60.9080	0.277556E-16
3059	567.899	-59.8264	-0.235890E-13
3060	571.823	-60.4866	0.277556E-16
3061	572.731	-59.4021	0.222112E-12
3062	576.657	-60.0496	0.277556E-16
3063	577.561	-58.9622	-0.631381E-13
3064	581.491	-59.5958	0.277556E-16
3065	582.392	-58.5055	0.235138E-12
3066	586.285	-59.1451	0.277556E-16
3067	587.182	-58.0519	-0.124258E-12
3068	591.079	-58.6737	0.277556E-16
3069	591.973	-57.5776	-0.138249E-12
3070	595.872	-58.1828	0.277556E-16
3071	596.762	-57.0839	-0.151615E-12
3072	600.662	-57.6726	0.277556E-16
3073	601.549	-56.5708	-0.122041E-13
3074	605.451	-57.1429	0.277556E-16
3075	606.334	-56.0383	0.972731E-13
3076	610.237	-56.5938	0.277556E-16
3077	611.117	-55.4863	0.789672E-13
3078	615.021	-56.0253	0.277556E-16
3079	615.897	-54.9151	-0.340954E-13
3080	437.103	-68.8844	-2.50000
3081	436.105	-67.8827	-2.50000
3082	437.109	-65.3844	-2.50000
3083	436.111	-64.3827	-2.50000

TOTAL NUMBER OF NODES	=	3082
LARGEST NODE NUMBER	=	3083
DATA STORAGE LOCATIONS USED	=	21574

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										
1	1ST NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733				
		ASY =1.811	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733				
		ASY =1.811	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 = 0.1342	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										
15	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 = 0.4986	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										
2	1ST NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734				
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734				
		ASY =1.915	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 = 0.1517	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										
16	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 = 0.4986	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

3	1ST NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	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 = 0.1555	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						
17	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 = 0.4986	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						
4	1ST NODE	AREA =1.342	IYY =1.755	IZZ =1.200	KT =0.2728E-01	ASZ =1.789
		ASY =1.992	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =1.342	IYY =1.755	IZZ =1.200	KT =0.2728E-01	ASZ =1.789
		ASY =1.992	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 = 0.3716	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						
18	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 = 0.4986	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						
5	1ST NODE	AREA =2.731	IYY =2.430	IZZ =5.905	KT =0.2700E-01	ASZ =1.733
		ASY =1.891	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.731	IYY =2.430	IZZ =5.905	KT =0.2700E-01	ASZ =1.733
		ASY =1.891	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 = 0.1478 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
 19 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 = 0.4986 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
 6 1ST NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
 ASY =1.915 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
 ASY =1.915 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 = 0.1555 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
 20 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 = 0.4986 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_code (soletta_code (RSS D=0.3 B=1.7))
 PROPERTY

BMI21 ELEMENTS
 7 1ST NODE AREA =0.5100 IYY =0.3825E-02 IZZ =0.1228 KT =0.1360E-01 ASZ =0.4253
 ASY =0.4250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =0.5100 IYY =0.3825E-02 IZZ =0.1228 KT =0.1360E-01 ASZ =0.4253
 ASY =0.4250 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

el_soletta_estremi_chiusura (soletta_estremi (RSS D=0.3 B=0.1))
 PROPERTY

BMI21 ELEMENTS
 8 1ST NODE AREA =0.3000E-01 IYY =0.2250E-03 IZZ =0.2500E-04 KT =0.7900E-04 ASZ =0.2500E-01
 ASY =0.2501E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

2ND NODE	AREA	=0.3000E-01	IYY	=0.2250E-03	IZZ	=0.2500E-04	KT	=0.7900E-04	ASZ	=0.2500E-01
	ASY	=0.2501E-01	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

el_soletta_tipo (soletta_tipo (RSS D=0.3 B=2.4125))
PROPERTY

BMI21 ELEMENTS											
9	1ST NODE	AREA	=0.7238	IYY	=0.5428E-02	IZZ	=0.3510	KT	=0.2001E-01	ASZ	=0.6036
		ASY	=0.6031	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=0.0000E+00		
	2ND NODE	AREA	=0.7238	IYY	=0.5428E-02	IZZ	=0.3510	KT	=0.2001E-01	ASZ	=0.6036
		ASY	=0.6031	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

tr_spina (Sct3 (I D=0.5 B=0.2 tf=0.02 tw=0.015 r=0))
PROPERTY

BMI21 ELEMENTS											
10	1ST NODE	AREA	=0.1490E-01	IYY	=0.5827E-03	IZZ	=0.2680E-04	KT	=0.1567E-05	ASZ	=0.7035E-02
		ASY	=0.6845E-02	EZ	=0.2500	EY	=0.0000E+00	IYZ	=0.0000E+00		
	2ND NODE	AREA	=0.1490E-01	IYY	=0.5827E-03	IZZ	=0.2680E-04	KT	=0.1567E-05	ASZ	=0.7035E-02
		ASY	=0.6845E-02	EZ	=0.2500	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_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	=0.0000E+00	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	=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

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	=0.0000E+00	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	=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											
13	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

joints
PROPERTY

JSH4 ELEMENTS										
14	ECCENTRICITY = 0.0000E+00									
	DATA STORAGE LOCATIONS USED = 1616									

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	0	0	15	1
2	0	0	10	18
3	4	1	15	1
5	0	0	10	18
6	7	1	15	1
8	0	0	10	18
9	10	1	15	1
11	0	0	10	18
12	0	0	15	1
13	0	0	19	11
14	0	0	10	18
15	16	1	19	11
17	0	0	10	18
18	19	1	19	11
20	0	0	10	18
21	22	1	19	11
23	0	0	10	18
24	25	1	19	11
26	0	0	10	18
27	0	0	19	11
28	0	0	20	13
29	0	0	10	18
30	31	1	20	13
32	0	0	10	18
33	34	1	20	13
35	0	0	10	18
36	37	1	20	13
38	0	0	10	18
39	40	1	20	13
41	0	0	10	18
42	0	0	20	13
43	0	0	18	10
44	0	0	10	18
45	46	1	18	10
47	0	0	10	18
48	49	1	18	10
50	0	0	10	18
51	52	1	18	10
53	0	0	10	18
54	55	1	18	10
56	0	0	10	18
57	58	1	18	10
59	0	0	10	18
60	0	0	18	10
61	0	0	17	7
62	0	0	10	18
63	64	1	17	7
65	0	0	10	18
66	67	1	17	7
68	0	0	10	18
69	70	1	17	7
71	0	0	10	18
72	73	1	17	7
74	0	0	10	18
75	76	1	17	7
77	0	0	10	18
78	0	0	17	7
79	0	0	16	3
80	0	0	10	18
81	82	1	16	3
83	0	0	10	18
84	85	1	16	3
86	0	0	10	18
87	88	1	16	3
89	0	0	10	18
90	91	1	16	3
92	0	0	10	18
93	94	1	16	3
95	0	0	10	18
96	0	0	16	3
97	0	0	17	7
98	0	0	10	18
99	100	1	17	7
101	0	0	10	18
102	103	1	17	7
104	0	0	10	18
105	106	1	17	7
107	0	0	10	18
108	109	1	17	7
110	0	0	10	18
111	112	1	17	7
113	0	0	10	18
114	0	0	17	7
115	0	0	18	10
116	0	0	10	18
117	118	1	18	10
119	0	0	10	18
120	121	1	18	10
122	0	0	10	18
123	124	1	18	10
125	0	0	10	18
126	127	1	18	10
128	0	0	10	18
129	130	1	18	10
131	0	0	10	18
132	0	0	18	10
133	0	0	17	7
134	0	0	10	18
135	136	1	17	7
137	0	0	10	18
138	139	1	17	7

140	0	0	10	18
141	142	1	17	7
143	0	0	10	18
144	145	1	17	7
146	0	0	10	18
147	148	1	17	7
149	0	0	10	18
150	0	0	17	7
151	0	0	16	3
152	0	0	10	18
153	154	1	16	3
155	0	0	10	18
156	157	1	16	3
158	0	0	10	18
159	160	1	16	3
161	0	0	10	18
162	163	1	16	3
164	0	0	10	18
165	166	1	16	3
167	0	0	10	18
168	169	1	16	3
170	0	0	10	18
171	172	1	16	3
173	0	0	10	18
174	0	0	16	3
175	0	0	17	7
176	0	0	10	18
177	178	1	17	7
179	0	0	10	18
180	181	1	17	7
182	0	0	10	18
183	184	1	17	7
185	0	0	10	18
186	187	1	17	7
188	0	0	10	18
189	190	1	17	7
191	0	0	10	18
192	0	0	17	7
193	0	0	18	10
194	0	0	10	18
195	196	1	18	10
197	0	0	10	18
198	199	1	18	10
200	0	0	10	18
201	202	1	18	10
203	0	0	10	18
204	205	1	18	10
206	0	0	10	18
207	208	1	18	10
209	0	0	10	18
210	0	0	18	10
211	0	0	17	7
212	0	0	10	18
213	214	1	17	7
215	0	0	10	18
216	217	1	17	7
218	0	0	10	18
219	220	1	17	7
221	0	0	10	18
222	223	1	17	7
224	0	0	10	18
225	226	1	17	7
227	0	0	10	18
228	0	0	17	7
229	0	0	16	3
230	0	0	10	18
231	232	1	16	3
233	0	0	10	18
234	235	1	16	3
236	0	0	10	18
237	238	1	16	3
239	0	0	10	18
240	241	1	16	3
242	0	0	10	18
243	244	1	16	3
245	0	0	10	18
246	0	0	16	3
247	0	0	17	7
248	0	0	10	18
249	250	1	17	7
251	0	0	10	18
252	253	1	17	7
254	0	0	10	18
255	256	1	17	7
257	0	0	10	18
258	259	1	17	7
260	0	0	10	18
261	262	1	17	7
263	0	0	10	18
264	0	0	17	7
265	0	0	18	10
266	0	0	10	18
267	268	1	18	10
269	0	0	10	18
270	271	1	18	10
272	0	0	10	18
273	274	1	18	10
275	0	0	10	18
276	277	1	18	10
278	0	0	10	18
279	280	1	18	10
281	0	0	10	18
282	0	0	18	10
283	0	0	17	7
284	0	0	10	18

285	286	1	17	7
287	0	0	10	18
288	289	1	17	7
290	0	0	10	18
291	292	1	17	7
293	0	0	10	18
294	295	1	17	7
296	0	0	10	18
297	298	1	17	7
299	0	0	10	18
300	0	0	17	7
301	0	0	16	3
302	0	0	10	18
303	304	1	16	3
305	0	0	10	18
306	307	1	16	3
308	0	0	10	18
309	310	1	16	3
311	0	0	10	18
312	313	1	16	3
314	0	0	10	18
315	316	1	16	3
317	0	0	10	18
318	0	0	16	3
319	0	0	17	7
320	0	0	10	18
321	322	1	17	7
323	0	0	10	18
324	325	1	17	7
326	0	0	10	18
327	328	1	17	7
329	0	0	10	18
330	331	1	17	7
332	0	0	10	18
333	334	1	17	7
335	0	0	10	18
336	0	0	17	7
337	0	0	18	10
338	0	0	10	18
339	340	1	18	10
341	0	0	10	18
342	343	1	18	10
344	0	0	10	18
345	346	1	18	10
347	0	0	10	18
348	349	1	18	10
350	0	0	10	18
351	352	1	18	10
353	0	0	10	18
354	0	0	18	10
355	0	0	17	7
356	0	0	10	18
357	358	1	17	7
359	0	0	10	18
360	361	1	17	7
362	0	0	10	18
363	364	1	17	7
365	0	0	10	18
366	367	1	17	7
368	0	0	10	18
369	370	1	17	7
371	0	0	10	18
372	0	0	17	7
373	0	0	16	3
374	0	0	10	18
375	376	1	16	3
377	0	0	10	18
378	379	1	16	3
380	0	0	10	18
381	382	1	16	3
383	0	0	10	18
384	385	1	16	3
386	0	0	10	18
387	388	1	16	3
389	0	0	10	18
390	0	0	16	3
391	0	0	17	7
392	0	0	10	18
393	394	1	17	7
395	0	0	10	18
396	397	1	17	7
398	0	0	10	18
399	400	1	17	7
401	0	0	10	18
402	403	1	17	7
404	0	0	10	18
405	406	1	17	7
407	0	0	10	18
408	0	0	17	7
409	0	0	18	10
410	0	0	10	18
411	412	1	18	10
413	0	0	10	18
414	415	1	18	10
416	0	0	10	18
417	418	1	18	10
419	0	0	10	18
420	421	1	18	10
422	0	0	10	18
423	424	1	18	10
425	0	0	10	18
426	0	0	18	10
427	0	0	20	13
428	0	0	10	18
429	430	1	20	13

431	0	0	10	18
432	433	1	20	13
434	0	0	10	18
435	436	1	20	13
437	0	0	10	18
438	439	1	20	13
440	0	0	10	18
441	0	0	20	13
442	0	0	19	11
443	0	0	10	18
444	445	1	19	11
446	0	0	10	18
447	448	1	19	11
449	0	0	10	18
450	451	1	19	11
452	0	0	10	18
453	454	1	19	11
455	0	0	10	18
456	457	1	19	11
458	0	0	10	18
459	0	0	19	11
460	0	0	15	1
461	0	0	10	18
462	463	1	15	1
464	0	0	10	18
465	466	1	15	1
467	0	0	10	18
468	469	1	15	1
470	0	0	10	18
471	0	0	15	1
472	487	1	9	17
488	0	0	13	32
489	490	1	9	17
491	0	0	13	32
492	609	1	9	17
610	0	0	13	32
611	612	1	9	17
613	0	0	13	32
614	731	1	9	17
732	0	0	13	32
733	734	1	9	17
735	0	0	13	32
736	853	1	9	17
854	0	0	13	32
855	856	1	9	17
857	0	0	13	32
858	975	1	9	17
976	0	0	13	32
977	978	1	9	17
979	0	0	13	32
980	1059	1	9	17
1060	1061	1	7	15
1062	0	0	13	32
1063	0	0	7	15
1064	1065	1	8	16
1066	0	0	7	15
1067	0	0	8	16
1068	0	0	13	32
1069	1070	1	7	15
1071	1073	1	8	16
1074	1075	1	11	27
1076	1087	1	12	28
1088	1089	1	11	27
1090	1107	1	12	28
1108	1109	1	11	27
1110	1127	1	12	28
1128	1129	1	11	27
1130	1147	1	12	28
1148	1149	1	11	27
1150	1167	1	12	28
1168	1169	1	11	27
1170	1187	1	12	28
1188	1189	1	11	27
1190	1201	1	12	28
1202	1203	1	11	27
1204	1398	1	13	32
1399	1401	1	8	16
1402	0	0	7	15
1403	0	0	8	16
1404	0	0	7	15
1405	0	0	13	32
1406	0	0	8	16
1407	0	0	7	15
1408	0	0	8	16
1409	0	0	7	15
1410	0	0	13	32
1411	1412	1	7	15
1413	1492	1	9	17
1493	0	0	13	32
1494	1495	1	9	17
1496	0	0	13	32
1497	1598	1	9	17
1599	1687	1	14	4

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS	=	404
TOTAL NUMBER OF ELEMENTS	=	1687
LARGEST ELEMENT NUMBER	=	1687
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER	=	20
DATA STORAGE LOCATIONS USED	=	5061

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

MATERIAL

svincoli_spina
4 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 0.0000E+00 KTY = 0.0000E+00 KTZ =
0.0000E+00

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

MATERIAL

Incastro
5 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

svincoli_spina_f1
9 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 0.1000E+16 KTY = 0.1000E+16 KTZ =
0.1000E+16

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

MATERIAL

HDRB2
6 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
10 KX = 0.0000E+00 KY = 100.0 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
11 KX = 10.00 KY = 100.0 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
7 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 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_massa (elastic)
1 E = 0.2100E+12 NU = 0.3000 RHO = 7850. 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

0	0	422	0	0	1	0	0	0	0	8	0	0
0	0	423	0	424	1	12	0	0	0	17	0	0
0	0	425	0	0	0	1	0	0	0	8	0	0
0	0	426	0	427	1	12	0	0	0	17	0	0
0	0	428	0	0	0	1	0	0	0	8	0	0
0	0	429	0	430	1	12	0	0	0	17	0	0
0	0	431	0	0	0	1	0	0	0	8	0	0
0	0	432	0	433	1	12	0	0	0	17	0	0
0	0	434	0	0	0	1	0	0	0	8	0	0
0	0	435	0	436	1	12	0	0	0	17	0	0
0	0	437	0	0	0	1	0	0	0	8	0	0
0	0	438	0	439	1	12	0	0	0	17	0	0
0	0	440	0	0	0	1	0	0	0	8	0	0
0	0	441	0	442	1	12	0	0	0	17	0	0
0	0	443	0	0	0	1	0	0	0	8	0	0
0	0	444	0	445	1	12	0	0	0	17	0	0
0	0	446	0	0	0	1	0	0	0	8	0	0
0	0	447	0	448	1	12	0	0	0	17	0	0
0	0	449	0	0	0	1	0	0	0	8	0	0
0	0	450	0	451	1	12	0	0	0	17	0	0
0	0	452	0	0	0	1	0	0	0	8	0	0
0	0	453	0	454	1	12	0	0	0	17	0	0
0	0	455	0	0	0	1	0	0	0	8	0	0
0	0	456	0	457	1	12	0	0	0	17	0	0
0	0	458	0	0	0	1	0	0	0	8	0	0
0	0	459	0	460	1	12	0	0	0	17	0	0
0	0	461	0	0	0	1	0	0	0	8	0	0
0	0	462	0	463	1	12	0	0	0	17	0	0
0	0	464	0	0	0	1	0	0	0	8	0	0
0	0	465	0	466	1	12	0	0	0	17	0	0
0	0	467	0	0	0	1	0	0	0	8	0	0
0	0	468	0	469	1	12	0	0	0	17	0	0
0	0	470	0	0	0	1	0	0	0	8	0	0
0	0	471	0	0	0	12	0	0	0	17	0	0
0	0	472	0	487	1	3	0	0	0	28	0	0
0	0	488	0	0	0	2	0	0	0	12	0	0
0	0	489	0	490	1	3	0	0	0	28	0	0
0	0	491	0	0	0	2	0	0	0	12	0	0
0	0	492	0	609	1	3	0	0	0	28	0	0
0	0	610	0	0	0	2	0	0	0	12	0	0
0	0	611	0	612	1	3	0	0	0	28	0	0
0	0	613	0	0	0	2	0	0	0	12	0	0
0	0	614	0	731	1	3	0	0	0	28	0	0
0	0	732	0	0	0	2	0	0	0	12	0	0
0	0	733	0	734	1	3	0	0	0	28	0	0
0	0	735	0	0	0	2	0	0	0	12	0	0
0	0	736	0	853	1	3	0	0	0	28	0	0
0	0	854	0	0	0	2	0	0	0	12	0	0
0	0	855	0	856	1	3	0	0	0	28	0	0
0	0	857	0	0	0	2	0	0	0	12	0	0
0	0	858	0	975	1	3	0	0	0	28	0	0
0	0	976	0	0	0	2	0	0	0	12	0	0

0	0	977	978	1	3	0	0	0	0	28	0	0
0	0	979	0	0	2	0	0	0	0	12	0	0
0	0	980	1061	1	3	0	0	0	0	28	0	0
0	0	1062	0	0	2	0	0	0	0	12	0	0
0	0	1063	1067	1	3	0	0	0	0	28	0	0
0	0	1068	0	0	2	0	0	0	0	12	0	0
0	0	1069	1073	1	3	0	0	0	0	28	0	0
0	0	1074	1203	1	1	0	0	0	0	8	0	0
0	0	1204	1398	1	2	0	0	0	0	12	0	0
0	0	1399	1404	1	3	0	0	0	0	28	0	0
0	0	1405	0	0	2	0	0	0	0	12	0	0
0	0	1406	1409	1	3	0	0	0	0	28	0	0
0	0	1410	0	0	2	0	0	0	0	12	0	0
0	0	1411	1492	1	3	0	0	0	0	28	0	0
0	0	1493	0	0	2	0	0	0	0	12	0	0
0	0	1494	1495	1	3	0	0	0	0	28	0	0
0	0	1496	0	0	2	0	0	0	0	12	0	0
0	0	1497	1598	1	3	0	0	0	0	28	0	0
0	0	1599	1600	1	11	0	0	0	0	14	0	0
0	0	1601	0	0	5	0	0	0	0	7	0	0
0	0	1602	1603	1	11	0	0	0	0	14	0	0
0	0	1604	0	0	5	0	0	0	0	7	0	0
0	0	1605	1606	1	11	0	0	0	0	14	0	0
0	0	1607	0	0	5	0	0	0	0	7	0	0
0	0	1608	0	0	11	0	0	0	0	14	0	0
0	0	1609	0	0	10	0	0	0	0	11	0	0
0	0	1610	0	0	5	0	0	0	0	7	0	0
0	0	1611	1612	1	10	0	0	0	0	11	0	0
0	0	1613	0	0	5	0	0	0	0	7	0	0
0	0	1614	0	0	10	0	0	0	0	11	0	0
0	0	1615	0	0	11	0	0	0	0	14	0	0
0	0	1616	0	0	5	0	0	0	0	7	0	0
0	0	1617	1618	1	11	0	0	0	0	14	0	0
0	0	1619	0	0	5	0	0	0	0	7	0	0
0	0	1620	0	0	11	0	0	0	0	14	0	0
0	0	1621	1685	1	9	0	0	0	0	9	0	0
0	0	1686	0	0	11	0	0	0	0	14	0	0
0	0	1687	0	0	5	0	0	0	0	7	0	0

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 371

DEACTIVATE ELEMENTS

FIRST ELEMENT IN SERIES	LAST ELEMENT IN SERIES	INCREMENT BETWEEN ELEMNTS	NUMBER OF INCREMENTS FOR REDISTRIBUTION	REDISTRIBUTION FACTOR	STIFFNESS REDUCTION FACTOR
472	487	1	1	1.000	0.1000E-05
489	490	1	1	1.000	0.1000E-05
492	609	1	1	1.000	0.1000E-05
611	612	1	1	1.000	0.1000E-05
614	731	1	1	1.000	0.1000E-05
733	734	1	1	1.000	0.1000E-05
736	853	1	1	1.000	0.1000E-05
855	856	1	1	1.000	0.1000E-05
858	975	1	1	1.000	0.1000E-05
977	978	1	1	1.000	0.1000E-05
980	1061	1	1	1.000	0.1000E-05
1063	1067	1	1	1.000	0.1000E-05
1069	1073	1	1	1.000	0.1000E-05
1399	1404	1	1	1.000	0.1000E-05
1406	1409	1	1	1.000	0.1000E-05
1411	1492	1	1	1.000	0.1000E-05

1494	1495	1	1	1.000	0.1000E-05
1497	1598	1	1	1.000	0.1000E-05

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

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	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2891	0	0	THX	1.00000
2892	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	
2891	0	0	THY	1.00000
2892	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	
2891	0	0	THZ	1.00000
2892	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	
2892	0	0	THX	-1.00000
2894	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	
2892	0	0	THY	-1.00000
2894	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	
2892	0	0	THZ	-1.00000
2894	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	
2891	0	0	U	0.286839
2892	0	0	U	-0.286839
2892	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2891	0	0	V	1.00000
2892	0	0	V	-1.00000
2892	0	0	THZ	0.309688

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2892	0	0	U	-0.286839
2892	0	0	THZ	1.00000
2894	0	0	U	0.286839

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	V	-1.00000
2892	0	0	THZ	-0.309688
2894	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2891	0	0	W	0.286839
2892	0	0	W	-0.286839
2892	0	0	THX	1.00000
2892	0	0	THY	-0.888306E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	W	-0.286839
2892	0	0	THX	-1.00000
2892	0	0	THY	0.888306E-01
2894	0	0	W	0.286839

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	THX	1.00000
2896	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
2895	0	0	THY	1.00000
2896	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
2895	0	0	THZ	1.00000
2896	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
2896	0	0	THX	-1.00000
2898	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
2896	0	0	THY	-1.00000
2898	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
2896	0	0	THZ	-1.00000
2898	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
2895	0	0	U	0.286342
2896	0	0	U	-0.286342
2896	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	V	1.00000
2896	0	0	V	-1.00000
2896	0	0	THZ	0.231536

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	U	-0.286342
2896	0	0	THZ	1.00000
2898	0	0	U	0.286342

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	V	-1.00000
2896	0	0	THZ	-0.231536
2898	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	W	0.286342
2896	0	0	W	-0.286342
2896	0	0	THX	1.00000
2896	0	0	THY	-0.662983E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	W	-0.286342
2896	0	0	THX	-1.00000
2896	0	0	THY	0.662983E-01
2898	0	0	W	0.286342

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THX	1.00000
2900	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THY	1.00000
2900	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THZ	1.00000
2900	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THX	-1.00000
2902	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THY	-1.00000
2902	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THZ	-1.00000
2902	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	U	0.285879
2900	0	0	U	-0.285879
2900	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	V	1.00000
2900	0	0	V	-1.00000
2900	0	0	THZ	0.118827

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	U	-0.285879
2900	0	0	THZ	1.00000
2902	0	0	U	0.285879

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	V	-1.00000
2900	0	0	THZ	-0.118827
2902	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	W	0.285879
2900	0	0	W	-0.285879
2900	0	0	THX	1.00000
2900	0	0	THY	-0.339703E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	W	-0.285879
2900	0	0	THX	-1.00000
2900	0	0	THY	0.339703E-01
2902	0	0	W	0.285879

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	U	0.285715
2905	0	0	U	-0.285715
2905	0	0	THZ	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	V	1.000000
2905	0	0	V	-1.000000
2905	0	0	THZ	-0.601290E-02

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	U	0.285715
2905	0	0	U	-0.285715
2905	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	V	1.000000
2905	0	0	V	-1.000000
2905	0	0	THZ	0.601290E-02

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	W	0.285715
2905	0	0	W	-0.285715
2905	0	0	THX	-1.000000
2905	0	0	THY	0.171797E-02

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	W	0.285715
2905	0	0	W	-0.285715
2905	0	0	THX	1.000000
2905	0	0	THY	-0.171797E-02

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THX	1.000000
2877	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THY	1.000000
2877	0	0	THY	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THZ	1.000000
2877	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THX	-1.000000
2878	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THY	-1.000000

2878 0 0 THY 1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2877 0 0 THZ -1.00000
2878 0 0 THZ 1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2875 0 0 U 0.285847
2877 0 0 U -0.285847
2877 0 0 THZ 1.00000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2875 0 0 V 1.00000
2877 0 0 V -1.00000
2877 0 0 THZ 0.106808
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2877 0 0 U -0.285847
2877 0 0 THZ -1.00000
2878 0 0 U 0.285847
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2877 0 0 V -1.00000
2877 0 0 THZ -0.106808
2878 0 0 V 1.00000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2875 0 0 W 0.285847
2877 0 0 W -0.285847
2877 0 0 THX -1.00000
2877 0 0 THY -0.305307E-01
TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 5 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2877 0 0 W -0.285847
2877 0 0 THX 1.00000
2877 0 0 THY 0.305307E-01
2878 0 0 W 0.285847
TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 6 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2879 0 0 THX 1.00000
2881 0 0 THX -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2879 0 0 THY 1.00000
2881 0 0 THY -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT
NODE NODE RNCE TYPE
2879 0 0 THZ 1.00000
2881 0 0 THZ -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00
FIRST LAST DIFF FREEDOM COEFFICIENT

NODE	NODE	RNCE	TYPE	
2881	0	0	THX	-1.00000
2882	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2881	0	0	THY	-1.00000
2882	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2881	0	0	THZ	-1.00000
2882	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2879	0	0	U	0.286278
2881	0	0	U	-0.286278
2881	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2879	0	0	V	1.00000
2881	0	0	V	-1.00000
2881	0	0	THZ	0.219518

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2881	0	0	U	-0.286278
2881	0	0	THZ	-1.00000
2882	0	0	U	0.286278

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2881	0	0	V	-1.00000
2881	0	0	THZ	-0.219518
2882	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2879	0	0	W	0.286278
2881	0	0	W	-0.286278
2881	0	0	THX	-1.00000
2881	0	0	THY	-0.628430E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2881	0	0	W	-0.286278
2881	0	0	THX	1.00000
2881	0	0	THY	0.628430E-01
2882	0	0	W	0.286278

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 7 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2883	0	0	THX	1.00000
2884	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2883	0	0	THY	1.00000
2884	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THZ	1.00000
2884	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THX	-1.00000
2886	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THY	-1.00000
2886	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THZ	-1.00000
2886	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	U	0.286863
2884	0	0	U	-0.286863
2884	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	V	1.00000
2884	0	0	V	-1.00000
2884	0	0	THZ	0.324168

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	U	-0.286863
2884	0	0	THZ	-1.00000
2886	0	0	U	0.286863

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	V	-1.00000
2884	0	0	THZ	-0.324168
2886	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	W	0.286863
2884	0	0	W	-0.286863
2884	0	0	THX	-1.00000
2884	0	0	THY	-0.929918E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	W	-0.286863
2884	0	0	THX	1.00000
2884	0	0	THY	0.929918E-01
2886	0	0	W	0.286863

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THX	1.00000
2889	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THY	1.00000
2889	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THZ	1.00000
2889	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THX	-1.00000
2890	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THY	-1.00000
2890	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THZ	-1.00000
2890	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	U	0.287794
2889	0	0	U	-0.287794
2889	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	V	1.00000
2889	0	0	V	-1.00000
2889	0	0	THZ	0.420058

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	U	-0.287794
2889	0	0	THZ	-1.00000
2890	0	0	U	0.287794

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	V	-1.00000
2889	0	0	THZ	-0.420058
2890	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	W	0.287794
2889	0	0	W	-0.287794
2889	0	0	THX	-1.00000
2889	0	0	THY	-0.120890

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	W	-0.287794
2889	0	0	THX	1.00000
2889	0	0	THY	0.120890
2890	0	0	W	0.287794

TOTAL NUMBER OF COEFFICIENTS = 4
TOTAL NUMBER OF CONSTRAINT EQUATIONS = 96
MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
LARGEST NODE NUMBER ENCOUNTERED = 2905
DATA STORAGE LOCATIONS USED = 899

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 NODE	DIFF RNCE	SUPPORT CONDITION	SPRING CONSTANT	SUPPORT CONSTANT	SPRING CONSTANT	SUPPORT CONSTANT	SPRING CONSTANT	SUPPORT CONSTANT	SPRING CONSTANT	SUPPORT CONSTANT	SPRING CONSTANT
2876	2880	4	R 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
2885	2888	3	R 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
2893	2901	4	R 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
2904	0	0	R 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 = 8
LARGEST NODE NUMBER = 2904
DATA STORAGE LOCATIONS USED = 174

L O A D C A S E 2

G1_acciaio

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
1	471	1	0.000000E+00	0.000000E+00	-11.0000	0.000000E+00	0.000000E+00	0.000000E+00
1074	1203	1	0.000000E+00	0.000000E+00	-11.0000	0.000000E+00	0.000000E+00	0.000000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 601
LARGEST NODE OR ELEMENT NUMBER = 1203

L O A D C A S E 8

G1_getto_soletta

ELEMENT LOADS

FIRST ELEMENT	LAST ELEMENT	DIFFERENCE	LOAD TYPE	DISTANCE	0.0000E+00	0.0000E+00	0.0000E+00	-0.3745E+05	0.0000E+00	0.0000E+00
1	0	0	32	0.0000E+00	0.0000E+00	0.0000E+00	-0.3745E+05	0.0000E+00	0.0000E+00	0.0000E+00
				0.6000	0.0000E+00	0.0000E+00	-0.3745E+05	0.0000E+00	0.0000E+00	0.0000E+00

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	1687	1	0	0	0	0	0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1687
LARGEST ELEMENT NUMBER INPUT = 1687
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	1951	1	0	0
1953	3083	1	0	0

TOTAL NUMBER OF NODE OUTPUT SETS = 2
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 3083
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 = 1687
TOTAL NUMBER OF CONSTRAINTS = 96
TOTAL NUMBER OF NODES = 3082
TOTAL NUMBER OF SUPPORT NODES = 8
TOTAL NUMBER OF LOADING CASES = 5

LOCATIONS USED DURING DATA PROCESSING = 157336253
LOCATIONS AVAILABLE = 196608000

TIME USED TO PROCESS INPUT DATA = 0.28700 SEC.

TIME AT CENTRAL PROCESSOR = 16:33:27 ON 23/06/23 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1687
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 2282 AND 5 FOR ELEMENT NUMBER 1621 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.9608E-05 (BMTJNT PROCESSOR)

WARNING NODES 2298 AND 18 FOR ELEMENT NUMBER 1622 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1683E-05 (BMTJNT PROCESSOR)

WARNING NODES 2300 AND 30 FOR ELEMENT NUMBER 1623 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6775E-05 (BMTJNT PROCESSOR)

WARNING NODES 2302 AND 42 FOR ELEMENT NUMBER 1624 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1522E-04 (BMTJNT PROCESSOR)

WARNING NODES 2304 AND 60 FOR ELEMENT NUMBER 1625 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2702E-04 (BMTJNT PROCESSOR)

WARNING NODES 2306 AND 72 FOR ELEMENT NUMBER 1626 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4218E-04 (BMTJNT PROCESSOR)

WARNING NODES 2308 AND 90 FOR ELEMENT NUMBER 1627 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6069E-04 (BMTJNT PROCESSOR)

WARNING NODES 2310 AND 114 FOR ELEMENT NUMBER 1629 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2540E-05 (BMTJNT PROCESSOR)

WARNING NODES 2312 AND 132 FOR ELEMENT NUMBER 1630 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2953E-05 (BMTJNT PROCESSOR)

WARNING NODES 2314 AND 144 FOR ELEMENT NUMBER 1631 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3329E-05 (BMTJNT PROCESSOR)

WARNING NODES 2316 AND 162 FOR ELEMENT NUMBER 1632 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3668E-05 (BMTJNT PROCESSOR)

WARNING NODES 2318 AND 174 FOR ELEMENT NUMBER 1633 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3971E-05 (BMTJNT PROCESSOR)

WARNING NODES 2320 AND 186 FOR ELEMENT NUMBER 1634 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4237E-05 (BMTJNT PROCESSOR)

WARNING NODES 2322 AND 204 FOR ELEMENT NUMBER 1635 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4466E-05 (BMTJNT PROCESSOR)

WARNING NODES 2324 AND 216 FOR ELEMENT NUMBER 1636 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4658E-05 (BMTJNT PROCESSOR)

WARNING NODES 2326 AND 234 FOR ELEMENT NUMBER 1637 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4814E-05 (BMTJNT PROCESSOR)

WARNING NODES 2286 AND 246 FOR ELEMENT NUMBER 1638 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.8131E-04 (BMTJNT PROCESSOR)

WARNING NODES 2328 AND 258 FOR ELEMENT NUMBER 1639 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5015E-05 (BMTJNT PROCESSOR)

WARNING NODES 2330 AND 276 FOR ELEMENT NUMBER 1640 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5060E-05 (BMTJNT PROCESSOR)

10	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
9	0.130076	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	3175.79	0.000000E+00	3742.65	816535.	460.329	-62.6080	-0.117032

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	
12	0.269852E+10	0.150430E+12	0.153129E+12	0.196601E+11	0.000000E+00	0.000000E+00	
1	0.516996E+09	0.290442E+11	0.295610E+11	0.378014E+10	-0.596977E+07	0.439884E+08	
3	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
2	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	
5	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	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	
TOTALS FOR STRUCTURE	0.321552E+10	0.179474E+12	0.182690E+12	0.234402E+11	-0.596977E+07	0.439884E+08	

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	
12	0.132006E+08	0.536353E+10	0.537673E+10	-0.769520E+08	0.000000E+00	0.000000E+00	
1	0.162117E+07	0.108497E+10	0.108654E+10	-0.155790E+08	2089.40	-14.2786	
3	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
2	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	
5	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	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	
TOTALS FOR STRUCTURE	0.148819E+08	0.644856E+10	0.646328E+10	-0.925308E+08	13099.0	-921.626	

MATERIAL SET	----- PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES -----						
	I KG M **2	I KG M **2	I KG M **2	PRINCIPAL DIRECTIONS			
	11	22	33				
12	0.537673E+10	0.536464E+10	0.120941E+08	(0.00, 0.00, 1.00)	(-0.01, 1.00, 0.00)	(1.00, 0.01, 0.00)	
1	0.108654E+10	0.108520E+10	0.139719E+07	(-0.00, 0.00, 1.00)	(-0.01, 1.00, -0.00)	(1.00, 0.01, -0.00)	
3	0.000000E+00	0.000000E+00	0.000000E+00	(1.00, 0.00, 0.00)	(0.00, 0.00, 0.00)	(0.00, 0.00, 1.00)	
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)	
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)	
5	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)	
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)	
TOTALS FOR STRUCTURE	0.646328E+10	0.644989E+10	0.135514E+08	(-0.00, 0.00, 1.00)	(-0.01, 1.00, -0.00)	(1.00, 0.01, 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 2							
TOTALS FOR STRUCTURE	-0.141970E-24	-0.113391E-25	-0.898188E+07	0.562338E+09	0.413462E+10	-0.152436E-22	
LOAD CASE 8							
TOTALS FOR STRUCTURE	-0.447033E-23	-0.247589E-24	-0.276506E+08	0.172977E+10	0.127281E+11	-0.418023E-21	
LOAD CASE 9							
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
LOAD CASE 10							
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
LOAD CASE 7934							
TOTALS FOR STRUCTURE	0.166405E-24	-0.798832E-25	-0.353603E+07	0.220368E+09	0.163970E+10	-0.322926E-22	

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2180

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.30000E-02 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 88054

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 6709400
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7836
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7836
TOTAL NO. OF EQUATIONS = 7932
TOTAL NO. OF ACTIVE NODES = 1306

NUMBER OF ELEMENT GROUPS = 2
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1598

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 733485
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 2183020
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 790694
TOTAL SIZE OF ELEMENT DATA RECORDS = 777182
TOTAL SIZE OF ELEMENT RESULT RECORDS = 2224654
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0

TOTAL SIZE OF GLOBAL SOLUTION RECORD = 46440
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 179683
TIME FOR PRE-SOLUTION PROCESS = 0.25000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)
TIME AT CENTRAL PROCESSOR = 16:33:27 ON 23/06/23 (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 = 139833
Number of iterative refinement steps = 4
Number of positive eigenvalues = 7788
Number of negative eigenvalues = 96
Peak memory used during analysis and symbolic factorisation (MB) = 5.26
Total peak memory used during solve (MB) = 7.52
In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.14100E-24
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.32760E-24
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.00000E+00
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.00000E+00
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 = 0.30162E-24

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

LOCATIONS USED DURING POST-SOLUTION PROCESS = 6810685
LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1687
ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.30400 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.62100 SEC.

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

TIME AT CENTRAL PROCESSOR = 16:33:28 ON 23/06/23 (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	328	2405	781	0	9.781250
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	6	1096	738	0	11.50000
PLOT	16384	8467	9092	610	0	10.14062
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 16:33:31 ON 23/06/23 (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 AAAAAAA SSSSS
LL UU UU SSSSS AAAAAAA 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\VI01_marroggia\LUSASFiles32\Marroggia_rev01_g\Marroggia_rev01_g~02_Fase2a.dat

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

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 16:33:31 ON 23/06/23 (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			
1599	2874	1186	2906	2907
1600	2875	1386	2908	2909
1601	2876	2877	2910	2911
1602	2878	1390	2912	2913
1603	2879	1590	2914	2915
1604	2880	2881	2916	2917
1605	2882	1594	2918	2919
1606	2883	1794	2920	2921
1607	2885	2884	2922	2923
1608	2886	1798	2924	2925
1609	2887	1938	2926	2927
1610	2888	2889	2928	2929
1611	2890	1947	2930	2931
1612	2891	2552	2932	2933
1613	2893	2892	2934	2935
1614	2894	2562	2936	2937
1615	2895	2702	2938	2939
1616	2897	2896	2940	2941
1617	2898	2706	2942	2943
1618	2899	978	2944	2945
1619	2901	2900	2946	2947
1620	2902	982	2948	2949
1621	2282	5	2950	2951
1622	2298	18	2952	2953
1623	2300	30	2954	2955
1624	2302	42	2956	2957
1625	2304	60	2958	2959
1626	2306	72	2960	2961
1627	2308	90	2962	2963
1628	2284	102	2964	2965
1629	2310	114	2966	2967
1630	2312	132	2968	2969
1631	2314	144	2970	2971
1632	2316	162	2972	2973
1633	2318	174	2974	2975
1634	2320	186	2976	2977
1635	2322	204	2978	2979
1636	2324	216	2980	2981
1637	2326	234	2982	2983
1638	2286	246	2984	2985
1639	2328	258	2986	2987
1640	2330	276	2988	2989
1641	2332	288	2990	2991
1642	2334	306	2992	2993
1643	2336	318	2994	2995
1644	2338	342	2996	2997
1645	2340	360	2998	2999
1646	2342	372	3000	3001
1647	2344	390	3002	3003
1648	2288	402	3004	3005
1649	2346	414	3006	3007
1650	2348	432	3008	3009
1651	2350	444	3010	3011
1652	2352	462	3012	3013
1653	2354	474	3014	3015
1654	2356	486	3016	3017
1655	2358	504	3018	3019
1656	2360	516	3020	3021
1657	2362	534	3022	3023
1658	2290	546	3024	3025
1659	2364	558	3026	3027
1660	2366	576	3028	3029
1661	2368	588	3030	3031
1662	2370	606	3032	3033
1663	2372	618	3034	3035
1664	2374	630	3036	3037
1665	2376	648	3038	3039
1666	2378	660	3040	3041
1667	2380	678	3042	3043
1668	2292	690	3044	3045
1669	2382	702	3046	3047
1670	2384	720	3048	3049
1671	2386	732	3050	3051
1672	2388	750	3052	3053
1673	2390	762	3054	3055
1674	2392	774	3056	3057
1675	2394	792	3058	3059
1676	2396	804	3060	3061
1677	2398	822	3062	3063
1678	2294	834	3064	3065
1679	2400	846	3066	3067

1680	2402	864	3068	3069
1681	2404	876	3070	3071
1682	2406	894	3072	3073
1683	2408	906	3074	3075
1684	2410	924	3076	3077
1685	2296	936	3078	3079
1686	2903	1182	3080	3081
1687	2904	2905	3082	3083

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)
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BMI21	ELEMENTS		
1	1	2	3
2	4	5	6
3	7	8	9
4	2	10	11
5	5	12	13
6	8	14	15
7	10	16	17
8	12	18	19
9	14	20	21
10	16	22	23
11	18	24	25
12	20	26	27
13	22	28	29
14	24	30	31
15	26	32	33
16	28	34	35
17	30	36	37
18	32	38	39
19	34	40	41
20	36	42	43
21	38	44	45
22	40	46	47
23	42	48	49
24	44	50	51
25	46	52	53
26	48	54	55
27	50	56	57
28	52	58	59
29	54	60	61
30	56	62	63
31	58	64	65
32	60	66	67
33	62	68	69
34	64	70	71
35	66	72	73
36	68	74	75
37	70	76	77
38	72	78	79
39	74	80	81
40	76	82	83
41	78	84	85
42	80	86	87
43	82	88	89
44	84	90	91
45	86	92	93
46	88	94	95
47	90	96	97
48	92	98	99
49	94	100	101
50	96	102	103
51	98	104	105
52	100	106	107
53	102	108	109
54	104	110	111
55	106	112	113
56	108	114	115
57	110	116	117
58	112	118	119
59	114	120	121
60	116	122	123
61	118	124	125
62	120	126	127
63	122	128	129
64	124	130	131
65	126	132	133
66	128	134	135
67	130	136	137
68	132	138	139
69	134	140	141
70	136	142	143
71	138	144	145
72	140	146	147
73	142	148	149
74	144	150	151
75	146	152	153
76	148	154	155
77	150	156	157
78	152	158	159
79	154	160	161
80	156	162	163
81	158	164	165
82	160	166	167
83	162	168	169
84	164	170	171
85	166	172	173
86	168	174	175
87	170	176	177

88	172	178	179
89	174	180	181
90	176	182	183
91	178	184	185
92	180	186	187
93	182	188	189
94	184	190	191
95	186	192	193
96	188	194	195
97	190	196	197
98	192	198	199
99	194	200	201
100	196	202	203
101	198	204	205
102	200	206	207
103	202	208	209
104	204	210	211
105	206	212	213
106	208	214	215
107	210	216	217
108	212	218	219
109	214	220	221
110	216	222	223
111	218	224	225
112	220	226	227
113	222	228	229
114	224	230	231
115	226	232	233
116	228	234	235
117	230	236	237
118	232	238	239
119	234	240	241
120	236	242	243
121	238	244	245
122	240	246	247
123	242	248	249
124	244	250	251
125	246	252	253
126	248	254	255
127	250	256	257
128	252	258	259
129	254	260	261
130	256	262	263
131	258	264	265
132	260	266	267
133	262	268	269
134	264	270	271
135	266	272	273
136	268	274	275
137	270	276	277
138	272	278	279
139	274	280	281
140	276	282	283
141	278	284	285
142	280	286	287
143	282	288	289
144	284	290	291
145	286	292	293
146	288	294	295
147	290	296	297
148	292	298	299
149	294	300	301
150	296	302	303
151	298	304	305
152	300	306	307
153	302	308	309
154	304	310	311
155	306	312	313
156	308	314	315
157	310	316	317
158	312	318	319
159	314	320	321
160	316	322	323
161	318	324	325
162	320	326	327
163	322	328	329
164	324	330	331
165	326	332	333
166	328	334	335
167	330	336	337
168	332	338	339
169	334	340	341
170	336	342	343
171	338	344	345
172	340	346	347
173	342	348	349
174	344	350	351
175	346	352	353
176	348	354	355
177	350	356	357
178	352	358	359
179	354	360	361
180	356	362	363
181	358	364	365
182	360	366	367
183	362	368	369
184	364	370	371
185	366	372	373
186	368	374	375
187	370	376	377
188	372	378	379
189	374	380	381
190	376	382	383
191	378	384	385
192	380	386	387

193	382	388	389
194	384	390	391
195	386	392	393
196	388	394	395
197	390	396	397
198	392	398	399
199	394	400	401
200	396	402	403
201	398	404	405
202	400	406	407
203	402	408	409
204	404	410	411
205	410	412	413
206	408	414	415
207	406	416	417
208	412	418	419
209	414	420	421
210	416	422	423
211	418	424	425
212	420	426	427
213	422	428	429
214	424	430	431
215	426	432	433
216	428	434	435
217	430	436	437
218	432	438	439
219	434	440	441
220	436	442	443
221	438	444	445
222	440	446	447
223	442	448	449
224	444	450	451
225	446	452	453
226	448	454	455
227	450	456	457
228	452	458	459
229	454	460	461
230	456	462	463
231	458	464	465
232	460	466	467
233	462	468	469
234	464	470	471
235	466	472	473
236	468	474	475
237	470	476	477
238	472	478	479
239	474	480	481
240	476	482	483
241	478	484	485
242	480	486	487
243	482	488	489
244	484	490	491
245	486	492	493
246	488	494	495
247	490	496	497
248	492	498	499
249	494	500	501
250	496	502	503
251	498	504	505
252	500	506	507
253	502	508	509
254	504	510	511
255	506	512	513
256	508	514	515
257	510	516	517
258	512	518	519
259	514	520	521
260	516	522	523
261	518	524	525
262	520	526	527
263	522	528	529
264	524	530	531
265	526	532	533
266	528	534	535
267	530	536	537
268	532	538	539
269	534	540	541
270	536	542	543
271	538	544	545
272	540	546	547
273	542	548	549
274	544	550	551
275	546	552	553
276	548	554	555
277	550	556	557
278	552	558	559
279	554	560	561
280	556	562	563
281	558	564	565
282	560	566	567
283	562	568	569
284	564	570	571
285	566	572	573
286	568	574	575
287	570	576	577
288	572	578	579
289	574	580	581
290	576	582	583
291	578	584	585
292	580	586	587
293	582	588	589
294	584	590	591
295	586	592	593
296	588	594	595
297	590	596	597

298	592	598	599
299	594	600	601
300	596	602	603
301	598	604	605
302	600	606	607
303	602	608	609
304	604	610	611
305	606	612	613
306	608	614	615
307	610	616	617
308	612	618	619
309	614	620	621
310	616	622	623
311	618	624	625
312	620	626	627
313	622	628	629
314	624	630	631
315	626	632	633
316	628	634	635
317	630	636	637
318	632	638	639
319	634	640	641
320	636	642	643
321	638	644	645
322	640	646	647
323	642	648	649
324	644	650	651
325	646	652	653
326	648	654	655
327	650	656	657
328	652	658	659
329	654	660	661
330	656	662	663
331	658	664	665
332	660	666	667
333	662	668	669
334	664	670	671
335	666	672	673
336	668	674	675
337	670	676	677
338	672	678	679
339	674	680	681
340	676	682	683
341	678	684	685
342	680	686	687
343	682	688	689
344	684	690	691
345	686	692	693
346	688	694	695
347	690	696	697
348	692	698	699
349	694	700	701
350	696	702	703
351	698	704	705
352	700	706	707
353	702	708	709
354	704	710	711
355	706	712	713
356	708	714	715
357	710	716	717
358	712	718	719
359	714	720	721
360	716	722	723
361	718	724	725
362	720	726	727
363	722	728	729
364	724	730	731
365	726	732	733
366	728	734	735
367	730	736	737
368	732	738	739
369	734	740	741
370	736	742	743
371	738	744	745
372	740	746	747
373	742	748	749
374	744	750	751
375	746	752	753
376	748	754	755
377	750	756	757
378	752	758	759
379	754	760	761
380	756	762	763
381	758	764	765
382	760	766	767
383	762	768	769
384	764	770	771
385	766	772	773
386	768	774	775
387	770	776	777
388	772	778	779
389	774	780	781
390	776	782	783
391	778	784	785
392	780	786	787
393	782	788	789
394	784	790	791
395	786	792	793
396	788	794	795
397	790	796	797
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1131	2100	2097	2101
1132	2102	2103	2104
1133	2105	2102	2106
1134	2107	2108	2109
1135	2110	2107	2111
1136	2112	2113	2114
1137	2115	2112	2116

1138	2117	2118	2119
1139	2120	2117	2121
1140	2122	2123	2124
1141	2125	2122	2126
1142	2127	2128	2129
1143	2130	2127	2131
1144	2132	2133	2134
1145	2135	2132	2136
1146	2137	2138	2139
1147	2140	2137	2141
1148	2142	2143	2144
1149	2145	2142	2146
1150	2147	2148	2149
1151	2150	2147	2151
1152	2152	2153	2154
1153	2155	2152	2156
1154	2157	2158	2159
1155	2160	2157	2161
1156	2162	2163	2164
1157	2165	2162	2166
1158	2167	2168	2169
1159	2170	2167	2171
1160	2172	2173	2174
1161	2175	2172	2176
1162	2177	2178	2179
1163	2180	2177	2181
1164	2182	2183	2184
1165	2185	2182	2186
1166	2187	2188	2189
1167	2190	2187	2191
1168	2192	2193	2194
1169	2195	2192	2196
1170	2197	2198	2199
1171	2200	2197	2201
1172	2202	2203	2204
1173	2205	2202	2206
1174	2207	2208	2209
1175	2210	2207	2211
1176	2212	2213	2214
1177	2215	2212	2216
1178	2217	2218	2219
1179	2220	2217	2221
1180	2222	2223	2224
1181	2225	2222	2226
1182	2227	2228	2229
1183	2230	2227	2231
1184	2232	2233	2234
1185	2235	2232	2236
1186	2237	2238	2239
1187	2240	2237	2241
1188	2242	2243	2244
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1191	2250	2247	2251
1192	2252	2253	2254
1193	2255	2252	2256
1194	2257	2258	2259
1195	2260	2257	2261
1196	2262	2263	2264
1197	2265	2262	2266
1198	2267	2268	2269
1199	2270	2267	2271
1200	2272	2273	2274
1201	2275	2272	2276
1202	2277	2278	2279
1203	2280	2277	2281
1204	1958	2282	2283
1205	1993	2284	2285
1206	2043	2286	2287
1207	2093	2288	2289
1208	2142	2290	2291
1209	2192	2292	2293
1210	2242	2294	2295
1211	2277	2296	2297
1212	1963	2298	2299
1213	1968	2300	2301
1214	1973	2302	2303
1215	1978	2304	2305
1216	1983	2306	2307
1217	1988	2308	2309
1218	1998	2310	2311
1219	2003	2312	2313
1220	2008	2314	2315
1221	2013	2316	2317
1222	2018	2318	2319
1223	2023	2320	2321
1224	2028	2322	2323
1225	2033	2324	2325
1226	2038	2326	2327
1227	2048	2328	2329
1228	2053	2330	2331
1229	2058	2332	2333
1230	2063	2334	2335
1231	2068	2336	2337
1232	2073	2338	2339
1233	2078	2340	2341
1234	2083	2342	2343
1235	2088	2344	2345
1236	2097	2346	2347
1237	2102	2348	2349
1238	2107	2350	2351
1239	2112	2352	2353
1240	2117	2354	2355
1241	2122	2356	2357
1242	2127	2358	2359

1243	2132	2360	2361
1244	2137	2362	2363
1245	2147	2364	2365
1246	2152	2366	2367
1247	2157	2368	2369
1248	2162	2370	2371
1249	2167	2372	2373
1250	2172	2374	2375
1251	2177	2376	2377
1252	2182	2378	2379
1253	2187	2380	2381
1254	2197	2382	2383
1255	2202	2384	2385
1256	2207	2386	2387
1257	2212	2388	2389
1258	2217	2390	2391
1259	2222	2392	2393
1260	2227	2394	2395
1261	2232	2396	2397
1262	2237	2398	2399
1263	2247	2400	2401
1264	2252	2402	2403
1265	2257	2404	2405
1266	2262	2406	2407
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1268	2272	2410	2411
1269	1957	2	2412
1270	1960	8	2413
1271	1962	16	2414
1272	1965	20	2415
1273	1967	28	2416
1274	1970	32	2417
1275	1972	40	2418
1276	1975	44	2419
1277	1977	58	2420
1278	1980	62	2421
1279	1982	70	2422
1280	1985	74	2423
1281	1987	88	2424
1282	1990	92	2425
1283	1992	100	2426
1284	1995	104	2427
1285	1997	112	2428
1286	2000	116	2429
1287	2002	130	2430
1288	2005	134	2431
1289	2007	142	2432
1290	2010	146	2433
1291	2012	160	2434
1292	2015	164	2435
1293	2017	172	2436
1294	2020	176	2437
1295	2022	184	2438
1296	2025	188	2439
1297	2027	202	2440
1298	2030	206	2441
1299	2032	214	2442
1300	2035	218	2443
1301	2037	232	2444
1302	2040	236	2445
1303	2042	244	2446
1304	2045	248	2447
1305	2047	256	2448
1306	2050	260	2449
1307	2052	274	2450
1308	2055	278	2451
1309	2057	286	2452
1310	2060	290	2453
1311	2062	304	2454
1312	2065	308	2455
1313	2067	316	2456
1314	2070	320	2457
1315	2072	340	2458
1316	2075	344	2459
1317	2077	358	2460
1318	2080	362	2461
1319	2082	370	2462
1320	2085	374	2463
1321	2087	388	2464
1322	2090	392	2465
1323	2092	400	2466
1324	2095	404	2467
1325	2098	412	2468
1326	2100	416	2469
1327	2103	430	2470
1328	2105	434	2471
1329	2108	442	2472
1330	2110	446	2473
1331	2113	460	2474
1332	2115	464	2475
1333	2118	472	2476
1334	2120	476	2477
1335	2123	484	2478
1336	2125	488	2479
1337	2128	502	2480
1338	2130	506	2481
1339	2133	514	2482
1340	2135	518	2483
1341	2138	532	2484
1342	2140	536	2485
1343	2143	544	2486
1344	2145	548	2487
1345	2148	556	2488
1346	2150	560	2489
1347	2153	574	2490

1348	2155	578	2491
1349	2158	586	2492
1350	2160	590	2493
1351	2163	604	2494
1352	2165	608	2495
1353	2168	616	2496
1354	2170	620	2497
1355	2173	628	2498
1356	2175	632	2499
1357	2178	646	2500
1358	2180	650	2501
1359	2183	658	2502
1360	2185	662	2503
1361	2188	676	2504
1362	2190	680	2505
1363	2193	688	2506
1364	2195	692	2507
1365	2198	700	2508
1366	2200	704	2509
1367	2203	718	2510
1368	2205	722	2511
1369	2208	730	2512
1370	2210	734	2513
1371	2213	748	2514
1372	2215	752	2515
1373	2218	760	2516
1374	2220	764	2517
1375	2223	772	2518
1376	2225	776	2519
1377	2228	790	2520
1378	2230	794	2521
1379	2233	802	2522
1380	2235	806	2523
1381	2238	820	2524
1382	2240	824	2525
1383	2243	832	2526
1384	2245	836	2527
1385	2248	844	2528
1386	2250	848	2529
1387	2253	862	2530
1388	2255	866	2531
1389	2258	874	2532
1390	2260	878	2533
1391	2263	892	2534
1392	2265	896	2535
1393	2268	904	2536
1394	2270	908	2537
1395	2273	922	2538
1396	2275	926	2539
1397	2278	934	2540
1398	2280	938	2541
1399	2542	2543	2544
1400	1	2542	2545
1401	4	1	2548
1402	2547	2546	2549
1403	4	7	2550
1404	2	2547	2551
1405	2552	2	2553
1406	7	2554	2555
1407	5	2	2556
1408	2554	2557	2558
1409	5	8	2559
1410	2562	8	2563
1411	8	2560	2564
1412	2560	2561	2565
1413	2566	2567	2570
1414	2567	10	2571
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1416	12	14	2573
1417	14	2568	2574
1418	2568	2569	2575
1419	2577	2576	2580
1420	16	2577	2581
1421	18	16	2582
1422	18	20	2583
1423	20	2578	2584
1424	2578	2579	2585
1425	2586	2587	2590
1426	2587	22	2591
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1428	24	26	2593
1429	26	2588	2594
1430	2588	2589	2595
1431	2597	2596	2600
1432	28	2597	2601
1433	30	28	2602
1434	30	32	2603
1435	32	2598	2604
1436	2598	2599	2605
1437	2606	2607	2610
1438	2607	34	2611
1439	34	36	2612
1440	36	38	2613
1441	38	2608	2614
1442	2608	2609	2615
1443	2617	2616	2620
1444	40	2617	2621
1445	42	40	2622
1446	42	44	2623
1447	44	2618	2624
1448	2618	2619	2625
1449	2626	2627	2630
1450	2627	46	2631
1451	46	48	2632
1452	48	50	2633

1453	50	2628	2634
1454	2628	2629	2635
1455	2637	2636	2640
1456	58	2637	2641
1457	60	58	2642
1458	60	62	2643
1459	62	2638	2644
1460	2638	2639	2645
1461	2646	2647	2650
1462	2647	64	2651
1463	64	66	2652
1464	66	68	2653
1465	68	2648	2654
1466	2648	2649	2655
1467	2657	2656	2660
1468	70	2657	2661
1469	72	70	2662
1470	72	74	2663
1471	74	2658	2664
1472	2658	2659	2665
1473	2666	2667	2670
1474	2667	76	2671
1475	76	78	2672
1476	78	80	2673
1477	80	2668	2674
1478	2668	2669	2675
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1482	90	92	2683
1483	92	2678	2684
1484	2678	2679	2685
1485	2686	2687	2690
1486	2687	94	2691
1487	94	96	2692
1488	96	98	2693
1489	98	2688	2694
1490	2688	2689	2695
1491	2697	2696	2700
1492	100	2697	2701
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1494	102	100	2704
1495	102	104	2705
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1499	2710	2711	2714
1500	2711	106	2715
1501	106	108	2716
1502	108	110	2717
1503	110	2712	2718
1504	2712	2713	2719
1505	2721	2720	2724
1506	112	2721	2725
1507	114	112	2726
1508	114	116	2727
1509	116	2722	2728
1510	2722	2723	2729
1511	2730	2731	2734
1512	2731	124	2735
1513	124	126	2736
1514	126	128	2737
1515	128	2732	2738
1516	2732	2733	2739
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1519	132	130	2746
1520	132	134	2747
1521	134	2742	2748
1522	2742	2743	2749
1523	2750	2751	2754
1524	2751	136	2755
1525	136	138	2756
1526	138	140	2757
1527	140	2752	2758
1528	2752	2753	2759
1529	2761	2760	2764
1530	142	2761	2765
1531	144	142	2766
1532	144	146	2767
1533	146	2762	2768
1534	2762	2763	2769
1535	2770	2771	2774
1536	2771	148	2775
1537	148	150	2776
1538	150	152	2777
1539	152	2772	2778
1540	2772	2773	2779
1541	2781	2780	2784
1542	160	2781	2785
1543	162	160	2786
1544	162	164	2787
1545	164	2782	2788
1546	2782	2783	2789
1547	2790	2791	2794
1548	2791	166	2795
1549	166	168	2796
1550	168	170	2797
1551	170	2792	2798
1552	2792	2793	2799
1553	2801	2800	2804
1554	172	2801	2805
1555	174	172	2806
1556	174	176	2807
1557	176	2802	2808

1558	2802	2803	2809
1559	2810	2811	2814
1560	2811	178	2815
1561	178	180	2816
1562	180	182	2817
1563	182	2812	2818
1564	2812	2813	2819
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1570	2822	2823	2829
1571	2830	2831	2834
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1577	2841	2840	2844
1578	202	2841	2845
1579	204	202	2846
1580	204	206	2847
1581	206	2842	2848
1582	2842	2843	2849
1583	2850	2851	2854
1584	2851	208	2855
1585	208	210	2856
1586	210	212	2857
1587	212	2852	2858
1588	2852	2853	2859
1589	2861	2860	2864
1590	214	2861	2865
1591	216	214	2866
1592	216	218	2867
1593	218	2862	2868
1594	2862	2863	2869
1595	950	952	2870
1596	952	220	2871
1597	220	222	2872
1598	222	224	2873

TOTAL NUMBER OF ELEMENTS = 1687
LARGEST ELEMENT NUMBER = 1687
LARGEST NODE NUMBER = 3083

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	304.676	-62.9175	0.000000E+00
2	305.273	-62.9707	0.000000E+00
3	304.764	-61.9214	0.000000E+00
4	304.985	-59.4312	0.000000E+00
5	305.583	-59.4844	0.000000E+00
6	305.074	-58.4351	0.000000E+00
7	305.295	-55.9449	0.000000E+00
8	305.893	-55.9981	0.000000E+00
9	305.384	-54.9489	0.000000E+00
10	307.679	-63.1824	0.000000E+00
11	305.361	-61.9745	0.000000E+00
12	307.981	-59.6955	0.000000E+00
13	305.671	-58.4883	0.000000E+00
14	308.287	-56.2089	0.000000E+00
15	305.980	-55.0020	0.000000E+00
16	310.081	-63.3900	0.000000E+00
17	307.765	-62.1862	0.000000E+00
18	310.379	-59.9027	0.000000E+00
19	308.067	-58.6992	0.000000E+00
20	310.678	-56.4155	0.000000E+00
21	308.373	-55.2126	0.000000E+00
22	312.477	-63.5932	0.000000E+00
23	310.165	-62.3936	0.000000E+00
24	312.770	-60.1055	0.000000E+00
25	310.464	-58.9063	0.000000E+00
26	313.063	-56.6178	0.000000E+00
27	310.762	-55.4191	0.000000E+00
28	314.889	-63.7939	0.000000E+00
29	312.560	-62.5967	0.000000E+00
30	315.177	-60.3057	0.000000E+00
31	312.853	-59.1090	0.000000E+00
32	315.464	-56.8175	0.000000E+00
33	313.146	-55.6212	0.000000E+00
34	317.303	-63.9908	0.000000E+00
35	314.971	-62.7972	0.000000E+00
36	317.576	-60.5014	0.000000E+00
37	315.258	-59.3090	0.000000E+00
38	317.867	-57.0135	0.000000E+00
39	315.545	-55.8208	0.000000E+00
40	319.699	-64.1824	0.000000E+00
41	317.383	-62.9940	0.000000E+00
42	319.975	-60.6933	0.000000E+00
43	317.655	-59.5046	0.000000E+00
44	320.251	-57.2042	0.000000E+00
45	317.947	-56.0167	0.000000E+00

46	322.104	-64.3709	0.000000E+00
47	319.777	-63.1854	0.000000E+00
48	322.375	-60.8813	0.000000E+00
49	320.053	-59.6964	0.000000E+00
50	322.646	-57.3918	0.000000E+00
51	320.330	-56.2073	0.000000E+00
52	322.954	-64.4365	0.000000E+00
53	322.182	-63.3738	0.000000E+00
54	323.222	-60.9468	0.272005E-14
55	322.452	-59.8843	0.000000E+00
56	323.491	-57.4571	0.000000E+00
57	322.723	-56.3948	0.000000E+00
58	324.510	-64.5555	0.000000E+00
59	323.030	-63.4394	0.000000E+00
60	324.775	-61.0655	0.103806E-13
61	323.298	-59.9497	0.272005E-14
62	325.040	-57.5756	0.000000E+00
63	323.567	-56.4601	0.000000E+00
64	326.907	-64.7356	0.000000E+00
65	324.585	-63.5583	0.000000E+00
66	327.176	-61.2459	0.000000E+00
67	324.850	-60.0683	0.103806E-13
68	327.426	-57.7548	0.000000E+00
69	325.115	-56.5784	0.000000E+00
70	329.322	-64.9132	0.000000E+00
71	326.980	-63.7383	0.000000E+00
72	329.576	-61.4224	0.000000E+00
73	327.249	-60.2486	0.000000E+00
74	329.830	-57.9317	0.000000E+00
75	327.499	-56.7575	0.000000E+00
76	331.736	-65.0868	0.000000E+00
77	329.394	-63.9158	0.000000E+00
78	331.985	-61.5956	0.000000E+00
79	329.648	-60.4250	0.000000E+00
80	332.233	-58.1044	0.000000E+00
81	329.902	-56.9342	0.000000E+00
82	332.950	-65.1727	0.000000E+00
83	331.807	-64.0893	0.000000E+00
84	333.195	-61.6812	-0.416334E-13
85	332.055	-60.5981	0.000000E+00
86	333.441	-58.1899	0.000000E+00
87	332.303	-57.1069	0.000000E+00
88	334.136	-65.2556	0.000000E+00
89	333.019	-64.1751	0.000000E+00
90	334.378	-61.7639	-0.274780E-13
91	333.265	-60.6836	-0.416334E-13
92	334.621	-58.2724	0.000000E+00
93	333.510	-57.1923	0.000000E+00
94	336.541	-65.4208	0.000000E+00
95	334.204	-64.2579	0.000000E+00
96	336.780	-61.9290	0.000000E+00
97	334.447	-60.7663	-0.274780E-13
98	337.015	-58.4368	0.000000E+00
99	334.690	-57.2748	0.000000E+00
100	338.950	-65.5825	0.000000E+00
101	336.608	-64.4230	0.000000E+00
102	339.182	-62.0901	0.000000E+00
103	336.847	-60.9312	0.000000E+00
104	339.413	-58.5978	0.000000E+00
105	337.082	-57.4391	0.000000E+00
106	341.373	-65.7410	0.000000E+00
107	339.015	-64.5846	0.000000E+00
108	341.599	-62.2483	0.000000E+00
109	339.247	-61.0923	0.000000E+00
110	341.824	-58.7556	0.000000E+00
111	339.478	-57.5999	0.000000E+00
112	343.801	-65.8961	0.000000E+00
113	341.436	-64.7431	0.000000E+00
114	344.021	-62.4031	0.568434E-13
115	341.662	-61.2504	0.000000E+00
116	344.242	-58.9100	0.000000E+00
117	341.888	-57.7577	0.000000E+00
118	344.952	-65.9682	0.000000E+00
119	343.864	-64.8981	0.000000E+00
120	345.169	-62.4751	0.194289E-13
121	344.084	-61.4050	0.568434E-13
122	345.387	-58.9818	0.000000E+00
123	344.304	-57.9120	0.000000E+00
124	346.232	-66.0474	0.000000E+00
125	345.013	-64.9701	0.000000E+00
126	346.446	-62.5540	0.309197E-13
127	345.231	-61.4770	0.194289E-13
128	346.661	-59.0606	0.000000E+00
129	345.448	-57.9837	0.000000E+00
130	348.653	-66.1942	0.000000E+00
131	346.292	-65.0493	0.000000E+00
132	348.862	-62.7005	0.000000E+00
133	346.507	-61.5559	0.309197E-13
134	349.071	-59.2067	0.000000E+00
135	346.721	-58.0624	0.000000E+00
136	351.092	-66.3381	0.000000E+00
137	348.712	-65.1960	0.000000E+00
138	351.295	-62.8440	0.000000E+00
139	348.921	-61.7022	0.000000E+00
140	351.498	-59.3500	0.000000E+00
141	349.130	-58.2085	0.000000E+00
142	353.506	-66.4767	0.000000E+00
143	351.149	-65.3398	0.000000E+00
144	353.704	-62.9823	0.000000E+00
145	351.352	-61.8457	0.000000E+00
146	353.902	-59.4879	0.000000E+00
147	351.556	-58.3516	0.000000E+00
148	355.926	-66.6117	0.000000E+00
149	353.562	-65.4783	0.000000E+00
150	356.119	-63.1170	0.000000E+00

151	353.760	-61.9839	0.000000E+00
152	356.311	-59.6222	0.000000E+00
153	353.958	-58.4894	0.000000E+00
154	357.209	-66.6817	0.000000E+00
155	355.981	-65.6132	0.000000E+00
156	357.398	-63.1869	0.666134E-14
157	356.173	-62.1185	0.000000E+00
158	357.588	-59.6919	0.000000E+00
159	356.365	-58.6237	0.000000E+00
160	358.360	-66.7435	0.000000E+00
161	357.263	-65.6831	0.000000E+00
162	358.547	-63.2485	-0.888178E-15
163	357.452	-62.1883	0.666134E-14
164	358.733	-59.7535	0.000000E+00
165	357.641	-58.6933	0.000000E+00
166	360.788	-66.8711	0.000000E+00
167	358.413	-65.7449	0.000000E+00
168	360.968	-63.3757	0.000000E+00
169	358.599	-62.2499	-0.888178E-15
170	361.150	-59.8804	0.000000E+00
171	358.786	-58.7548	0.000000E+00
172	363.215	-66.9947	0.000000E+00
173	360.839	-65.8724	0.000000E+00
174	363.390	-63.4991	0.000000E+00
175	361.019	-62.3770	0.000000E+00
176	363.566	-60.0035	0.000000E+00
177	361.201	-58.8817	0.000000E+00
178	365.651	-67.1148	0.000000E+00
179	363.264	-65.9959	0.000000E+00
180	365.812	-63.6185	0.000000E+00
181	363.440	-62.5003	0.000000E+00
182	365.990	-60.1230	0.000000E+00
183	363.615	-59.0047	0.000000E+00
184	368.071	-67.2302	0.000000E+00
185	365.698	-66.1159	0.000000E+00
186	368.235	-63.7340	0.000000E+00
187	365.860	-62.6196	0.000000E+00
188	368.399	-60.2379	0.000000E+00
189	366.038	-59.1241	0.000000E+00
190	369.222	-67.2837	0.000000E+00
191	368.117	-66.2313	0.000000E+00
192	369.383	-63.7875	0.470179E-13
193	368.281	-62.7351	0.000000E+00
194	369.545	-60.2912	0.000000E+00
195	368.445	-59.2389	0.000000E+00
196	370.488	-67.3416	0.000000E+00
197	369.268	-66.2848	0.000000E+00
198	370.646	-63.8452	-0.489053E-13
199	369.429	-62.7886	0.470179E-13
200	370.805	-60.3487	0.000000E+00
201	369.590	-59.2922	0.000000E+00
202	372.927	-67.4500	0.000000E+00
203	370.532	-66.3426	0.000000E+00
204	373.080	-63.9534	0.000000E+00
205	370.691	-62.8462	-0.489053E-13
206	373.232	-60.4567	0.000000E+00
207	370.849	-59.3497	0.000000E+00
208	375.352	-67.5540	0.000000E+00
209	372.970	-66.4510	0.000000E+00
210	375.499	-64.0570	0.000000E+00
211	373.122	-62.9543	0.000000E+00
212	375.646	-60.5601	0.000000E+00
213	373.275	-59.4576	0.000000E+00
214	377.784	-67.6542	0.000000E+00
215	375.393	-66.5548	0.000000E+00
216	377.925	-64.1571	0.000000E+00
217	375.540	-63.0579	0.000000E+00
218	378.067	-60.6600	0.000000E+00
219	375.687	-59.5610	0.000000E+00
220	380.217	-67.7506	0.000000E+00
221	377.824	-66.6550	0.000000E+00
222	380.352	-64.2533	0.000000E+00
223	377.965	-63.1579	0.000000E+00
224	380.488	-60.7559	0.000000E+00
225	378.106	-59.6607	0.000000E+00
226	381.490	-67.7995	0.000000E+00
227	380.255	-66.7514	0.000000E+00
228	381.623	-64.3021	0.298650E-13
229	380.391	-63.2540	0.000000E+00
230	381.755	-60.8045	0.000000E+00
231	380.527	-59.7566	0.000000E+00
232	382.642	-67.8428	0.000000E+00
233	381.527	-66.8002	0.000000E+00
234	382.772	-64.3452	-0.593414E-13
235	381.660	-63.3028	0.298650E-13
236	382.902	-60.8476	0.000000E+00
237	381.793	-59.8052	0.000000E+00
238	385.082	-67.9316	0.000000E+00
239	382.678	-66.8434	0.000000E+00
240	385.206	-64.4338	0.000000E+00
241	382.808	-63.3459	-0.593414E-13
242	385.331	-60.9360	0.000000E+00
243	382.938	-59.8483	0.000000E+00
244	387.500	-68.0156	0.000000E+00
245	385.117	-66.9322	0.000000E+00
246	387.619	-64.5177	0.000000E+00
247	385.241	-63.4344	0.000000E+00
248	387.737	-61.0197	0.000000E+00
249	385.366	-59.9366	0.000000E+00
250	389.922	-68.0960	0.000000E+00
251	387.533	-67.0162	0.000000E+00
252	390.035	-64.5978	0.000000E+00
253	387.652	-63.5183	0.000000E+00
254	390.148	-61.0996	0.000000E+00
255	387.771	-60.0202	0.000000E+00

256	392.359	-68.1729	0.000000E+00
257	389.953	-67.0965	0.000000E+00
258	392.466	-64.6745	0.341061E-12
259	390.066	-63.5983	0.000000E+00
260	392.574	-61.1762	0.000000E+00
261	390.180	-60.1001	0.000000E+00
262	393.511	-68.2078	0.000000E+00
263	392.389	-67.1733	0.000000E+00
264	393.616	-64.7095	-0.282552E-13
265	392.497	-63.6750	0.341061E-12
266	393.720	-61.2110	0.000000E+00
267	392.604	-60.1766	0.000000E+00
268	394.788	-68.2456	0.000000E+00
269	393.540	-67.2083	0.000000E+00
270	394.890	-64.7471	-0.587863E-13
271	393.645	-63.7099	-0.282552E-13
272	394.992	-61.2486	0.000000E+00
273	393.750	-60.2114	0.000000E+00
274	397.218	-68.3144	0.000000E+00
275	394.816	-67.2460	0.000000E+00
276	397.314	-64.8157	0.000000E+00
277	394.918	-63.7475	-0.587863E-13
278	397.410	-61.3171	0.000000E+00
279	395.020	-60.2490	0.000000E+00
280	399.655	-68.3795	0.000000E+00
281	397.244	-67.3148	0.000000E+00
282	399.746	-64.8807	0.000000E+00
283	397.341	-63.8161	0.000000E+00
284	399.836	-61.3818	0.000000E+00
285	397.437	-60.3174	0.000000E+00
286	402.077	-68.4403	0.000000E+00
287	399.680	-67.3798	0.000000E+00
288	402.162	-64.9413	0.000000E+00
289	399.771	-63.8810	0.000000E+00
290	402.247	-61.4424	0.000000E+00
291	399.861	-60.3822	0.000000E+00
292	404.496	-68.4971	0.000000E+00
293	402.101	-67.4406	0.000000E+00
294	404.575	-64.9980	0.000000E+00
295	402.186	-63.9416	0.000000E+00
296	404.655	-61.4989	0.000000E+00
297	402.271	-60.4426	0.000000E+00
298	405.785	-68.5258	0.000000E+00
299	404.518	-67.4973	0.000000E+00
300	405.861	-65.0267	0.177636E-14
301	404.598	-63.9982	0.000000E+00
302	405.938	-61.5275	0.000000E+00
303	404.677	-60.4991	0.000000E+00
304	406.937	-68.5505	0.000000E+00
305	405.806	-67.5260	0.000000E+00
306	407.011	-65.0513	0.522637E-13
307	405.883	-64.0269	0.177636E-14
308	407.085	-61.5521	0.000000E+00
309	405.959	-60.5277	0.000000E+00
310	409.368	-68.5997	0.000000E+00
311	406.958	-67.5507	0.000000E+00
312	409.436	-65.1004	0.000000E+00
313	407.031	-64.0515	0.522637E-13
314	409.504	-61.6011	0.000000E+00
315	407.105	-60.5523	0.000000E+00
316	411.798	-68.6450	0.000000E+00
317	409.386	-67.5999	0.000000E+00
318	411.860	-65.1456	0.000000E+00
319	409.454	-64.1006	0.000000E+00
320	411.923	-61.6462	0.000000E+00
321	409.522	-60.6012	0.000000E+00
322	413.013	-68.6662	0.000000E+00
323	411.815	-67.6452	0.000000E+00
324	413.073	-65.1667	0.160982E-13
325	411.878	-64.1458	0.000000E+00
326	413.132	-61.6672	0.000000E+00
327	411.940	-60.6463	0.000000E+00
328	414.228	-68.6864	0.000000E+00
329	413.030	-67.6664	0.000000E+00
330	414.285	-65.1869	-0.333067E-14
331	413.089	-64.1669	0.160982E-13
332	414.342	-61.6874	0.000000E+00
333	413.149	-60.6674	0.000000E+00
334	415.445	-68.7057	0.000000E+00
335	414.244	-67.6866	0.000000E+00
336	415.497	-65.2061	0.321965E-14
337	414.301	-64.1870	-0.333067E-14
338	415.551	-61.7065	0.000000E+00
339	414.358	-60.6875	0.000000E+00
340	416.658	-68.7239	0.000000E+00
341	415.460	-67.7058	0.000000E+00
342	416.710	-65.2243	-0.189293E-13
343	415.512	-64.2062	0.321965E-14
344	416.761	-61.7247	0.000000E+00
345	415.566	-60.7066	0.000000E+00
346	417.811	-68.7403	0.000000E+00
347	416.673	-67.7240	0.000000E+00
348	417.859	-65.2407	-0.198175E-13
349	416.724	-64.2244	-0.189293E-13
350	417.908	-61.7410	0.000000E+00
351	416.775	-60.7248	0.000000E+00
352	419.100	-68.7576	0.000000E+00
353	417.824	-67.7404	0.000000E+00
354	419.145	-65.2579	-0.376921E-13
355	417.873	-64.2408	-0.198175E-13
356	419.191	-61.7582	0.000000E+00
357	417.921	-60.7411	0.000000E+00
358	421.519	-68.7871	0.000000E+00
359	419.112	-67.7577	0.000000E+00
360	421.559	-65.2874	0.000000E+00

361	419.157	-64.2580	-0.376921E-13
362	421.599	-61.7876	0.000000E+00
363	419.203	-60.7583	0.000000E+00
364	423.950	-68.8128	0.000000E+00
365	421.530	-67.7872	0.000000E+00
366	423.984	-65.3130	0.000000E+00
367	421.570	-64.2874	0.000000E+00
368	424.018	-61.8132	0.000000E+00
369	421.610	-60.7876	0.000000E+00
370	426.380	-68.8347	0.000000E+00
371	423.959	-67.8129	0.000000E+00
372	426.409	-65.3348	0.000000E+00
373	423.993	-64.3131	0.000000E+00
374	426.438	-61.8349	0.000000E+00
375	424.027	-60.8132	0.000000E+00
376	428.810	-68.8525	0.000000E+00
377	426.388	-67.8347	0.000000E+00
378	428.833	-65.3526	0.000000E+00
379	426.416	-64.3348	0.000000E+00
380	428.856	-61.8527	0.000000E+00
381	426.445	-60.8349	0.000000E+00
382	430.089	-68.8604	0.000000E+00
383	428.816	-67.8526	0.000000E+00
384	430.109	-65.3605	0.999201E-14
385	428.839	-64.3526	0.000000E+00
386	430.129	-61.8605	0.000000E+00
387	428.862	-60.8527	0.000000E+00
388	431.242	-68.8665	0.000000E+00
389	430.094	-67.8604	0.000000E+00
390	431.259	-65.3666	-0.154321E-13
391	430.114	-64.3605	0.999201E-14
392	431.276	-61.8666	0.000000E+00
393	430.134	-60.8605	0.000000E+00
394	433.672	-68.8766	0.000000E+00
395	431.246	-67.8665	0.000000E+00
396	433.684	-65.3766	0.000000E+00
397	431.263	-64.3666	-0.154321E-13
398	433.695	-61.8766	0.000000E+00
399	431.280	-60.8666	0.000000E+00
400	436.103	-68.8827	0.000000E+00
401	433.675	-67.8766	0.000000E+00
402	436.109	-65.3828	0.000000E+00
403	433.686	-64.3766	0.000000E+00
404	436.115	-61.8827	0.000000E+00
405	433.698	-60.8766	0.000000E+00
406	438.533	-68.8849	0.000000E+00
407	436.104	-67.8827	0.000000E+00
408	438.534	-65.3849	0.000000E+00
409	436.110	-64.3828	0.000000E+00
410	438.534	-61.8849	0.000000E+00
411	436.116	-60.8827	0.000000E+00
412	440.954	-61.8832	0.000000E+00
413	438.533	-60.8849	0.000000E+00
414	440.959	-65.3832	0.113687E-12
415	438.533	-64.3849	0.000000E+00
416	440.964	-68.8832	0.000000E+00
417	438.533	-67.8849	0.000000E+00
418	442.101	-61.8811	0.000000E+00
419	440.952	-60.8832	0.000000E+00
420	442.109	-65.3811	0.832667E-14
421	440.957	-64.3832	0.113687E-12
422	442.117	-68.8810	0.000000E+00
423	440.962	-67.8832	0.000000E+00
424	443.368	-61.8776	0.000000E+00
425	442.098	-60.8811	0.000000E+00
426	443.379	-65.3776	0.399680E-14
427	442.106	-64.3811	0.832667E-14
428	443.390	-68.8776	0.000000E+00
429	442.114	-67.8810	0.000000E+00
430	445.792	-61.8681	0.000000E+00
431	443.364	-60.8776	0.000000E+00
432	445.809	-65.3681	0.000000E+00
433	443.375	-64.3776	0.399680E-14
434	445.825	-68.8681	0.000000E+00
435	443.386	-67.8776	0.000000E+00
436	448.212	-61.8547	0.000000E+00
437	445.787	-60.8682	0.000000E+00
438	448.234	-65.3547	0.000000E+00
439	445.803	-64.3681	0.000000E+00
440	448.256	-68.8546	0.000000E+00
441	445.820	-67.8681	0.000000E+00
442	450.631	-61.8375	0.000000E+00
443	448.204	-60.8548	0.000000E+00
444	450.659	-65.3373	0.000000E+00
445	448.227	-64.3547	0.000000E+00
446	450.687	-68.8372	0.000000E+00
447	448.249	-67.8546	0.000000E+00
448	453.060	-61.8162	0.000000E+00
449	450.622	-60.8375	0.000000E+00
450	453.094	-65.3160	0.000000E+00
451	450.650	-64.3374	0.000000E+00
452	453.127	-68.8158	0.000000E+00
453	450.678	-67.8373	0.000000E+00
454	454.322	-61.8036	0.000000E+00
455	453.050	-60.8162	0.000000E+00
456	454.359	-65.3034	0.417444E-13
457	453.084	-64.3160	0.000000E+00
458	454.395	-68.8032	0.000000E+00
459	453.117	-67.8159	0.000000E+00
460	455.469	-61.7912	0.000000E+00
461	454.311	-60.8036	0.000000E+00
462	455.508	-65.2910	0.000000E+00
463	454.348	-64.3035	0.417444E-13
464	455.548	-68.7907	0.000000E+00
465	454.384	-67.8032	0.000000E+00

466	457.880	-61.7623	0.000000E+00
467	455.457	-60.7912	0.000000E+00
468	457.925	-65.2620	0.000000E+00
469	455.496	-64.2910	0.000000E+00
470	457.969	-68.7617	0.000000E+00
471	455.536	-67.7908	0.000000E+00
472	460.308	-61.7293	0.000000E+00
473	457.866	-60.7624	0.000000E+00
474	460.358	-65.2289	0.000000E+00
475	457.911	-64.2621	0.000000E+00
476	460.408	-68.7286	0.000000E+00
477	457.956	-67.7618	0.000000E+00
478	462.727	-61.6925	0.000000E+00
479	460.292	-60.7294	0.000000E+00
480	462.783	-65.1920	0.000000E+00
481	460.343	-64.2290	0.000000E+00
482	462.839	-68.6916	0.000000E+00
483	460.393	-67.7287	0.000000E+00
484	465.146	-61.6518	0.000000E+00
485	462.710	-60.6926	0.000000E+00
486	465.207	-65.1513	0.000000E+00
487	462.766	-64.1922	0.000000E+00
488	465.269	-68.6507	0.000000E+00
489	462.822	-67.6917	0.000000E+00
490	466.293	-61.6311	0.000000E+00
491	465.128	-60.6520	0.000000E+00
492	466.357	-65.1306	-0.189848E-13
493	465.190	-64.1514	0.000000E+00
494	466.422	-68.6300	0.000000E+00
495	465.251	-67.6509	0.000000E+00
496	467.571	-61.6071	0.000000E+00
497	466.274	-60.6313	0.000000E+00
498	467.638	-65.1064	-0.843769E-14
499	466.338	-64.1308	-0.189848E-13
500	467.706	-68.6058	0.000000E+00
501	466.403	-67.6301	0.000000E+00
502	469.984	-61.5587	0.000000E+00
503	467.551	-60.6073	0.000000E+00
504	470.057	-65.0580	0.000000E+00
505	467.618	-64.1066	-0.843769E-14
506	470.130	-68.5572	0.000000E+00
507	467.686	-67.6060	0.000000E+00
508	472.402	-61.5063	0.000000E+00
509	469.962	-60.5590	0.000000E+00
510	472.481	-65.0054	0.000000E+00
511	470.035	-64.0582	0.000000E+00
512	472.560	-68.5046	0.000000E+00
513	470.108	-67.5574	0.000000E+00
514	474.821	-61.4500	0.000000E+00
515	472.379	-60.5066	0.000000E+00
516	474.905	-64.9490	0.000000E+00
517	472.458	-64.0057	0.000000E+00
518	474.990	-68.4480	0.000000E+00
519	472.536	-67.5048	0.000000E+00
520	477.234	-61.3900	0.000000E+00
521	474.796	-60.4504	0.000000E+00
522	477.324	-64.8888	0.000000E+00
523	474.880	-63.9493	0.000000E+00
524	477.414	-68.3877	0.000000E+00
525	474.965	-67.4483	0.000000E+00
526	478.511	-61.3567	0.000000E+00
527	477.208	-60.3903	0.000000E+00
528	478.604	-64.8555	0.587308E-13
529	477.298	-63.8892	0.000000E+00
530	478.697	-68.3542	0.000000E+00
531	477.388	-67.3880	0.000000E+00
532	479.658	-61.3258	0.000000E+00
533	478.484	-60.3570	0.000000E+00
534	479.754	-64.8245	0.000000E+00
535	478.577	-63.8558	0.587308E-13
536	479.849	-68.3232	0.000000E+00
537	478.670	-67.3546	0.000000E+00
538	482.077	-61.2578	0.000000E+00
539	479.630	-60.3262	0.000000E+00
540	482.178	-64.7563	0.000000E+00
541	479.726	-63.8249	0.000000E+00
542	482.279	-68.2549	0.000000E+00
543	479.821	-67.3236	0.000000E+00
544	484.495	-61.1859	0.000000E+00
545	482.047	-60.2582	0.000000E+00
546	484.602	-64.6843	0.000000E+00
547	482.148	-63.7568	0.000000E+00
548	484.708	-68.1827	0.000000E+00
549	482.249	-67.2553	0.000000E+00
550	486.913	-61.1101	0.000000E+00
551	484.464	-60.1864	0.000000E+00
552	487.026	-64.6083	0.000000E+00
553	484.570	-63.6848	0.000000E+00
554	487.138	-68.1065	0.000000E+00
555	484.677	-67.1831	0.000000E+00
556	489.331	-61.0305	0.000000E+00
557	486.880	-60.1107	0.000000E+00
558	489.449	-64.5285	0.000000E+00
559	486.993	-63.6089	0.000000E+00
560	489.567	-68.0265	0.000000E+00
561	487.105	-67.1071	0.000000E+00
562	490.478	-60.9913	0.000000E+00
563	489.297	-60.0310	0.000000E+00
564	490.599	-64.4893	0.242029E-13
565	489.415	-63.5290	0.000000E+00
566	490.719	-67.9871	0.000000E+00
567	489.533	-67.0271	0.000000E+00
568	491.740	-60.9472	0.000000E+00
569	490.443	-59.9919	0.000000E+00
570	491.863	-64.4450	-0.383027E-13

571	490.564	-63.4899	0.242029E-13
572	491.987	-67.9428	0.000000E+00
573	490.684	-66.9877	0.000000E+00
574	494.167	-60.8594	0.000000E+00
575	491.704	-59.9478	0.000000E+00
576	494.296	-64.3570	0.000000E+00
577	491.827	-63.4457	-0.383027E-13
578	494.426	-67.8546	0.000000E+00
579	491.951	-66.9435	0.000000E+00
580	496.584	-60.7680	0.000000E+00
581	494.129	-59.8601	0.000000E+00
582	496.719	-64.2654	0.000000E+00
583	494.258	-63.3577	0.000000E+00
584	496.854	-67.7628	0.000000E+00
585	494.388	-66.8553	0.000000E+00
586	499.002	-60.6728	0.000000E+00
587	496.545	-59.7688	0.000000E+00
588	499.143	-64.1699	0.000000E+00
589	496.680	-63.2662	0.000000E+00
590	499.283	-67.6671	0.000000E+00
591	496.815	-66.7636	0.000000E+00
592	501.425	-60.5734	0.000000E+00
593	498.961	-59.6736	0.000000E+00
594	501.571	-64.0703	0.000000E+00
595	499.102	-63.1708	0.000000E+00
596	501.717	-67.5672	0.000000E+00
597	499.242	-66.6680	0.000000E+00
598	502.690	-60.5199	0.000000E+00
599	501.383	-59.5742	0.000000E+00
600	502.839	-64.0168	0.355271E-13
601	501.529	-63.0712	0.000000E+00
602	502.989	-67.5135	0.000000E+00
603	501.675	-66.5681	0.000000E+00
604	503.836	-60.4705	0.000000E+00
605	502.647	-59.5208	0.000000E+00
606	503.988	-63.9672	0.000000E+00
607	502.796	-63.0177	0.355271E-13
608	504.140	-67.4639	0.000000E+00
609	502.946	-66.5145	0.000000E+00
610	506.253	-60.3636	0.000000E+00
611	503.792	-59.4715	0.000000E+00
612	506.411	-63.8600	0.000000E+00
613	503.944	-62.9682	0.000000E+00
614	506.568	-67.3565	0.000000E+00
615	504.096	-66.4649	0.000000E+00
616	508.670	-60.2527	0.000000E+00
617	506.208	-59.3646	0.000000E+00
618	508.833	-63.7489	0.000000E+00
619	506.365	-62.8611	0.000000E+00
620	508.997	-67.2451	0.000000E+00
621	506.523	-66.3575	0.000000E+00
622	511.087	-60.1380	0.000000E+00
623	508.623	-59.2539	0.000000E+00
624	511.256	-63.6339	0.000000E+00
625	508.786	-62.7501	0.000000E+00
626	511.424	-67.1298	0.000000E+00
627	508.949	-66.2463	0.000000E+00
628	513.503	-60.0193	0.000000E+00
629	511.038	-59.1392	0.000000E+00
630	513.678	-63.5150	0.000000E+00
631	511.207	-62.6351	0.000000E+00
632	513.852	-67.0106	0.000000E+00
633	511.375	-66.1310	0.000000E+00
634	514.649	-59.9617	0.000000E+00
635	513.453	-59.0206	0.000000E+00
636	514.826	-63.4573	-0.143219E-13
637	513.628	-62.5163	0.000000E+00
638	515.003	-66.9528	0.000000E+00
639	513.802	-66.0119	0.000000E+00
640	515.921	-59.8967	0.000000E+00
641	514.598	-58.9630	0.000000E+00
642	516.101	-63.3921	-0.376921E-13
643	514.775	-62.4586	-0.143219E-13
644	516.281	-66.8874	0.000000E+00
645	514.952	-65.9541	0.000000E+00
646	518.336	-59.7704	0.000000E+00
647	515.869	-58.8981	0.000000E+00
648	518.521	-63.2654	0.000000E+00
649	516.049	-62.3934	-0.376921E-13
650	518.707	-66.7605	0.000000E+00
651	516.229	-65.8888	0.000000E+00
652	520.751	-59.6400	0.000000E+00
653	518.282	-58.7718	0.000000E+00
654	520.943	-63.1348	0.000000E+00
655	518.467	-62.2669	0.000000E+00
656	521.134	-66.6296	0.000000E+00
657	518.653	-65.7620	0.000000E+00
658	523.167	-59.5058	0.000000E+00
659	520.696	-58.6416	0.000000E+00
660	523.364	-63.0003	0.000000E+00
661	520.887	-62.1364	0.000000E+00
662	523.561	-66.4947	0.000000E+00
663	521.079	-65.6311	0.000000E+00
664	525.573	-59.3683	0.000000E+00
665	523.110	-58.5075	0.000000E+00
666	525.775	-62.8624	0.000000E+00
667	523.307	-62.0019	0.000000E+00
668	525.978	-66.3565	0.000000E+00
669	523.504	-65.4964	0.000000E+00
670	526.852	-59.2935	0.000000E+00
671	525.514	-58.3700	0.000000E+00
672	527.058	-62.7875	-0.287548E-13
673	525.717	-61.8641	0.000000E+00
674	527.263	-66.2814	0.000000E+00
675	525.920	-65.3582	0.000000E+00

676	527.998	-59.2257	0.000000E+00
677	526.793	-58.2953	0.000000E+00
678	528.206	-62.7195	0.000000E+00
679	526.999	-61.7893	-0.287548E-13
680	528.414	-66.2133	0.000000E+00
681	527.204	-65.2832	0.000000E+00
682	530.410	-59.0799	0.000000E+00
683	527.937	-58.2275	0.000000E+00
684	530.624	-62.5734	0.000000E+00
685	528.146	-61.7213	0.000000E+00
686	530.838	-66.0668	0.000000E+00
687	528.354	-65.2151	0.000000E+00
688	532.827	-58.9300	0.000000E+00
689	530.348	-58.0818	0.000000E+00
690	533.047	-62.4232	0.000000E+00
691	530.562	-61.5753	0.000000E+00
692	533.266	-65.9162	0.000000E+00
693	530.776	-65.0688	0.000000E+00
694	535.242	-58.7763	0.000000E+00
695	532.764	-57.9320	0.000000E+00
696	535.467	-62.2691	0.000000E+00
697	532.983	-61.4252	0.000000E+00
698	535.692	-65.7618	0.000000E+00
699	533.203	-64.9182	0.000000E+00
700	537.656	-58.6187	0.000000E+00
701	535.177	-57.7784	0.000000E+00
702	537.887	-62.1111	-0.454747E-12
703	535.402	-61.2712	0.000000E+00
704	538.118	-65.6035	0.000000E+00
705	535.627	-64.7639	0.000000E+00
706	538.801	-58.5427	0.000000E+00
707	537.590	-57.6209	0.000000E+00
708	539.034	-62.0349	0.252021E-13
709	537.821	-61.1133	-0.454747E-12
710	539.268	-65.5271	0.000000E+00
711	538.051	-64.6057	0.000000E+00
712	540.082	-58.4564	0.000000E+00
713	538.734	-57.5449	0.000000E+00
714	540.319	-61.9484	-0.105804E-12
715	538.967	-61.0372	0.252021E-13
716	540.555	-65.4404	0.000000E+00
717	539.201	-64.5293	0.000000E+00
718	542.484	-58.2919	0.000000E+00
719	540.014	-57.4587	0.000000E+00
720	542.726	-61.7835	0.000000E+00
721	540.250	-60.9507	-0.105804E-12
722	542.968	-65.2752	0.000000E+00
723	540.487	-64.4428	0.000000E+00
724	544.897	-58.1227	0.000000E+00
725	542.414	-57.2944	0.000000E+00
726	545.145	-61.6139	0.000000E+00
727	542.656	-60.7860	0.000000E+00
728	545.392	-65.1051	0.000000E+00
729	542.898	-64.2776	0.000000E+00
730	547.310	-57.9495	0.000000E+00
731	544.826	-57.1252	0.000000E+00
732	547.564	-61.4403	0.000000E+00
733	545.073	-60.6164	0.000000E+00
734	547.817	-64.9312	0.000000E+00
735	545.321	-64.1077	0.000000E+00
736	549.724	-57.7724	0.000000E+00
737	547.237	-56.9522	0.000000E+00
738	549.983	-61.2628	0.000000E+00
739	547.490	-60.4430	0.000000E+00
740	550.242	-64.7532	0.000000E+00
741	547.744	-63.9338	0.000000E+00
742	550.992	-57.6779	0.000000E+00
743	549.650	-56.7752	0.000000E+00
744	551.254	-61.1681	-0.999201E-15
745	549.909	-60.2656	0.000000E+00
746	551.515	-64.6582	0.000000E+00
747	550.168	-63.7560	0.000000E+00
748	552.136	-57.5916	0.000000E+00
749	550.916	-56.6807	0.000000E+00
750	552.400	-61.0815	0.000000E+00
751	551.178	-60.1709	-0.999201E-15
752	552.665	-64.5715	0.000000E+00
753	551.440	-63.6611	0.000000E+00
754	554.548	-57.4068	0.000000E+00
755	552.059	-56.5945	0.000000E+00
756	554.818	-60.8963	0.000000E+00
757	552.324	-60.0845	0.000000E+00
758	555.088	-64.3859	0.000000E+00
759	552.588	-63.5745	0.000000E+00
760	556.960	-57.2181	0.000000E+00
761	554.470	-56.4098	0.000000E+00
762	557.236	-60.7072	0.000000E+00
763	554.740	-59.8994	0.000000E+00
764	557.512	-64.1963	0.000000E+00
765	555.010	-63.3889	0.000000E+00
766	559.372	-57.0255	0.000000E+00
767	556.880	-56.2212	0.000000E+00
768	559.653	-60.5141	0.000000E+00
769	557.156	-59.7103	0.000000E+00
770	559.935	-64.0028	0.000000E+00
771	557.432	-63.1995	0.000000E+00
772	561.783	-56.8290	0.000000E+00
773	559.290	-56.0288	0.000000E+00
774	562.070	-60.3172	0.000000E+00
775	559.572	-59.5174	0.000000E+00
776	562.357	-63.8054	0.000000E+00
777	559.853	-63.0061	0.000000E+00
778	562.926	-56.7345	0.000000E+00
779	561.701	-55.8324	0.000000E+00
780	563.216	-60.2225	0.571210E-13

781	561.988	-59.3206	0.000000E+00
782	563.506	-63.7105	0.000000E+00
783	562.275	-62.8088	0.000000E+00
784	564.191	-56.6289	0.000000E+00
785	562.843	-55.7379	0.000000E+00
786	564.484	-60.1166	-0.116906E-12
787	563.133	-59.2260	0.571210E-13
788	564.776	-63.6043	0.000000E+00
789	563.423	-62.7139	0.000000E+00
790	566.605	-56.4244	0.000000E+00
791	564.107	-55.6324	0.000000E+00
792	566.903	-59.9116	0.000000E+00
793	564.399	-59.1202	-0.116906E-12
794	567.201	-63.3989	0.000000E+00
795	564.692	-62.6079	0.000000E+00
796	569.015	-56.2163	0.000000E+00
797	566.519	-55.4281	0.000000E+00
798	569.319	-59.7030	0.000000E+00
799	566.817	-58.9154	0.000000E+00
800	569.623	-63.1898	0.000000E+00
801	567.115	-62.4026	0.000000E+00
802	571.425	-56.0042	0.000000E+00
803	568.928	-55.2201	0.000000E+00
804	571.735	-59.4905	0.000000E+00
805	569.231	-58.7069	0.000000E+00
806	572.044	-62.9768	0.000000E+00
807	569.535	-62.1937	0.000000E+00
808	573.847	-55.7872	0.000000E+00
809	571.336	-55.0082	0.000000E+00
810	574.162	-59.2730	0.000000E+00
811	571.646	-58.4945	0.000000E+00
812	574.477	-62.7588	0.000000E+00
813	571.955	-61.9808	0.000000E+00
814	575.102	-55.6733	0.000000E+00
815	573.756	-54.7913	0.000000E+00
816	575.420	-59.1588	-0.257572E-13
817	574.071	-58.2771	0.000000E+00
818	575.738	-62.6443	0.000000E+00
819	574.387	-61.7629	0.000000E+00
820	576.244	-55.5686	0.000000E+00
821	575.010	-54.6775	0.000000E+00
822	576.565	-59.0538	0.000000E+00
823	575.329	-58.1630	-0.257572E-13
824	576.886	-62.5391	0.000000E+00
825	575.647	-61.6485	0.000000E+00
826	578.659	-55.3444	0.000000E+00
827	576.152	-54.5728	0.000000E+00
828	578.980	-58.8296	0.000000E+00
829	576.473	-58.0581	0.000000E+00
830	579.303	-62.3146	0.000000E+00
831	576.793	-61.5434	0.000000E+00
832	581.072	-55.1143	0.000000E+00
833	578.564	-54.3489	0.000000E+00
834	581.394	-58.6016	0.000000E+00
835	578.886	-57.8341	0.000000E+00
836	581.721	-62.0863	0.000000E+00
837	579.209	-61.3191	0.000000E+00
838	583.462	-54.8936	0.000000E+00
839	580.980	-54.1186	0.000000E+00
840	583.791	-58.3782	0.000000E+00
841	581.301	-57.6059	0.000000E+00
842	584.122	-61.8625	0.000000E+00
843	581.628	-61.0906	0.000000E+00
844	585.852	-54.6660	0.000000E+00
845	583.367	-53.8981	0.000000E+00
846	586.186	-58.1372	0.000000E+00
847	583.691	-57.3832	0.000000E+00
848	586.522	-61.6338	0.000000E+00
849	584.027	-60.8670	0.000000E+00
850	587.028	-54.5521	0.000000E+00
851	585.755	-53.6707	0.000000E+00
852	587.366	-58.0205	-0.473926E-14
853	586.087	-57.1421	0.000000E+00
854	587.706	-61.5193	0.000000E+00
855	586.426	-60.6385	0.000000E+00
856	588.241	-54.4158	0.000000E+00
857	586.917	-53.5584	0.000000E+00
858	588.590	-57.8984	-0.116573E-13
859	587.266	-57.0254	-0.473926E-14
860	588.939	-61.3810	0.000000E+00
861	587.595	-60.5255	0.000000E+00
862	590.629	-54.1963	0.000000E+00
863	588.150	-53.4200	0.000000E+00
864	590.976	-57.6575	0.000000E+00
865	588.489	-56.9034	-0.116573E-13
866	591.328	-61.1613	0.000000E+00
867	588.847	-60.3852	0.000000E+00
868	593.017	-53.9542	0.000000E+00
869	590.528	-53.2014	0.000000E+00
870	593.373	-57.4360	0.000000E+00
871	590.884	-56.6618	0.000000E+00
872	593.730	-60.9178	0.000000E+00
873	591.227	-60.1664	0.000000E+00
874	595.404	-53.7072	0.000000E+00
875	592.914	-52.9595	0.000000E+00
876	595.765	-57.1625	0.000000E+00
877	593.260	-56.4425	0.000000E+00
878	596.131	-60.6694	0.000000E+00
879	593.627	-59.9231	0.000000E+00
880	596.948	-53.5449	0.000000E+00
881	595.299	-52.7127	0.000000E+00
882	597.313	-56.9992	0.160982E-14
883	595.660	-56.1681	0.000000E+00
884	597.684	-60.5061	0.000000E+00
885	596.027	-59.6748	0.000000E+00

886	597.778	-53.4300	0.000000E+00
887	596.811	-52.5544	0.000000E+00
888	598.149	-56.9103	-0.166533E-14
889	597.208	-56.0048	0.160982E-14
890	598.520	-60.3906	0.000000E+00
891	597.548	-59.5155	0.000000E+00
892	600.177	-53.1988	0.000000E+00
893	597.682	-52.4346	0.000000E+00
894	600.552	-56.6522	0.000000E+00
895	598.042	-55.9160	-0.166533E-14
896	600.933	-60.1579	0.000000E+00
897	598.424	-59.3952	0.000000E+00
898	602.563	-52.9373	0.000000E+00
899	600.068	-52.2048	0.000000E+00
900	602.948	-56.4161	0.000000E+00
901	600.454	-55.6570	0.000000E+00
902	603.333	-59.8949	0.000000E+00
903	600.824	-59.1639	0.000000E+00
904	604.948	-52.6710	0.000000E+00
905	602.452	-51.9435	0.000000E+00
906	605.338	-56.1266	0.000000E+00
907	602.827	-55.4234	0.000000E+00
908	605.732	-59.6270	0.000000E+00
909	603.222	-58.9011	0.000000E+00
910	607.334	-52.3804	0.000000E+00
911	604.827	-51.6784	0.000000E+00
912	607.727	-55.8583	0.000000E+00
913	605.226	-55.1328	0.000000E+00
914	608.120	-59.3361	0.000000E+00
915	605.611	-58.6344	0.000000E+00
916	607.503	-52.3804	0.000000E+00
917	607.334	-51.3804	0.000000E+00
918	607.900	-55.8387	-0.280331E-13
919	607.615	-54.8646	0.000000E+00
920	608.302	-59.3347	0.000000E+00
921	608.113	-58.3361	0.000000E+00
922	609.717	-52.1239	0.000000E+00
923	607.388	-51.3870	0.000000E+00
924	610.121	-55.5856	0.000000E+00
925	607.787	-54.8452	-0.280331E-13
926	610.529	-59.0767	0.000000E+00
927	608.187	-58.3413	0.000000E+00
928	612.101	-51.8431	0.000000E+00
929	609.600	-51.1308	0.000000E+00
930	612.514	-55.3187	0.000000E+00
931	610.010	-54.5918	0.000000E+00
932	612.927	-58.7942	0.000000E+00
933	610.412	-58.0835	0.000000E+00
934	614.484	-51.5575	0.000000E+00
935	611.982	-50.8502	0.000000E+00
936	614.903	-55.0294	0.000000E+00
937	612.394	-54.3259	0.000000E+00
938	615.324	-58.5069	0.000000E+00
939	612.808	-57.8013	0.000000E+00
940	615.079	-51.4853	0.000000E+00
941	614.363	-50.5648	0.000000E+00
942	615.499	-54.9590	0.000000E+00
943	614.786	-54.0363	0.000000E+00
944	615.919	-58.4347	0.000000E+00
945	615.204	-57.5142	0.000000E+00
946	380.553	-59.0822	0.000000E+00
947	379.489	-60.7171	0.000000E+00
948	380.582	-58.3328	0.000000E+00
949	379.554	-59.0434	0.000000E+00
950	380.123	-70.1739	0.000000E+00
951	382.551	-70.2662	0.000000E+00
952	380.152	-69.4244	0.000000E+00
953	382.580	-69.5167	0.000000E+00
954	382.963	-59.1738	0.000000E+00
955	382.992	-58.4244	0.000000E+00
956	383.580	-69.5555	0.000000E+00
957	383.641	-67.8793	0.000000E+00
958	383.938	-64.3886	-0.593414E-13
959	381.606	-64.3018	-0.593414E-13
960	381.902	-60.8113	0.000000E+00
961	381.963	-59.1350	0.000000E+00
962	384.996	-70.3551	0.000000E+00
963	385.023	-69.6056	0.000000E+00
964	385.390	-59.2621	0.000000E+00
965	385.417	-58.5126	0.000000E+00
966	383.996	-70.3196	0.000000E+00
967	384.023	-69.5700	0.000000E+00
968	383.916	-67.8901	0.000000E+00
969	384.041	-64.3923	0.000000E+00
970	384.332	-60.9004	0.000000E+00
971	384.391	-59.2266	0.000000E+00
972	387.417	-70.4393	0.000000E+00
973	387.444	-69.6898	0.000000E+00
974	387.792	-59.3457	0.000000E+00
975	387.819	-58.5961	0.000000E+00
976	388.443	-69.7253	0.000000E+00
977	388.499	-68.0493	0.000000E+00
978	387.500	-68.0156	-2.50000
979	387.500	-69.0156	-2.50000
980	388.785	-64.5574	0.000000E+00
981	386.453	-64.4781	0.000000E+00
982	387.737	-61.0197	-2.50000
983	387.737	-62.0197	-2.50000
984	386.738	-60.9868	0.000000E+00
985	386.793	-59.3101	0.000000E+00
986	389.843	-70.5198	0.000000E+00
987	389.867	-69.7702	0.000000E+00
988	390.202	-59.4256	0.000000E+00
989	390.227	-58.6760	0.000000E+00
990	388.844	-70.4874	0.000000E+00

991	388.868	-69.7378	0.000000E+00
992	388.756	-68.0582	0.000000E+00
993	388.869	-64.5601	0.000000E+00
994	389.149	-61.0673	0.000000E+00
995	389.203	-59.3932	0.000000E+00
996	392.283	-70.5968	0.000000E+00
997	392.307	-69.8472	0.000000E+00
998	392.623	-59.5020	0.000000E+00
999	392.647	-58.7524	0.000000E+00
1000	393.307	-69.8795	0.000000E+00
1001	393.358	-68.2035	0.000000E+00
1002	393.632	-64.7104	0.341061E-12
1003	391.300	-64.6387	0.341061E-12
1004	391.574	-61.1468	0.000000E+00
1005	391.623	-59.4696	0.000000E+00
1006	394.717	-70.6696	0.000000E+00
1007	394.739	-69.9200	0.000000E+00
1008	395.041	-59.5744	0.000000E+00
1009	395.063	-58.8247	0.000000E+00
1010	393.718	-70.6405	0.000000E+00
1011	393.740	-69.8908	0.000000E+00
1012	393.622	-68.2116	0.000000E+00
1013	393.724	-64.7131	-0.587863E-13
1014	393.992	-61.2194	0.000000E+00
1015	394.041	-59.5452	0.000000E+00
1016	397.152	-70.7386	0.000000E+00
1017	397.174	-69.9889	0.000000E+00
1018	397.456	-59.6428	0.000000E+00
1019	397.478	-58.8931	0.000000E+00
1020	398.174	-70.0180	0.000000E+00
1021	398.217	-68.3406	0.000000E+00
1022	398.480	-64.8478	0.000000E+00
1023	396.148	-64.7836	0.000000E+00
1024	396.411	-61.2897	0.000000E+00
1025	396.457	-59.6136	0.000000E+00
1026	399.586	-70.8016	0.000000E+00
1027	399.606	-70.0519	0.000000E+00
1028	399.872	-59.7053	0.000000E+00
1029	399.892	-58.9556	0.000000E+00
1030	398.586	-70.7741	0.000000E+00
1031	398.607	-70.0228	0.000000E+00
1032	398.489	-68.3493	0.000000E+00
1033	398.579	-64.8505	0.000000E+00
1034	398.836	-61.3606	0.000000E+00
1035	398.872	-59.6778	0.000000E+00
1036	402.019	-70.8647	0.000000E+00
1037	402.039	-70.1149	0.000000E+00
1038	402.287	-59.7679	0.000000E+00
1039	402.307	-59.0182	0.000000E+00
1040	403.038	-70.1408	0.000000E+00
1041	403.077	-68.4635	0.000000E+00
1042	403.329	-64.9697	0.000000E+00
1043	400.996	-64.9130	0.000000E+00
1044	401.248	-61.4184	0.000000E+00
1045	401.288	-59.7420	0.000000E+00
1046	404.453	-70.9199	0.000000E+00
1047	404.471	-70.1701	0.000000E+00
1048	404.703	-59.8227	0.000000E+00
1049	404.721	-59.0729	0.000000E+00
1050	403.453	-70.8956	0.000000E+00
1051	403.471	-70.1552	0.000000E+00
1052	403.330	-68.4706	0.000000E+00
1053	403.409	-64.9715	0.000000E+00
1054	403.655	-61.4699	0.000000E+00
1055	403.704	-59.7984	0.000000E+00
1056	406.887	-70.9750	0.000000E+00
1057	406.904	-70.2252	0.000000E+00
1058	407.119	-59.8775	0.000000E+00
1059	407.136	-59.1277	0.000000E+00
1060	407.903	-70.2479	0.000000E+00
1061	407.937	-68.5708	0.000000E+00
1062	408.178	-65.0759	0.522637E-13
1063	405.845	-65.0267	0.522637E-13
1064	406.085	-61.5316	0.000000E+00
1065	406.119	-59.8548	0.000000E+00
1066	409.320	-71.0224	0.000000E+00
1067	409.336	-70.2726	0.000000E+00
1068	409.532	-59.9264	0.000000E+00
1069	409.547	-59.1765	0.000000E+00
1070	408.321	-71.0013	0.000000E+00
1071	408.336	-70.2538	0.000000E+00
1072	408.201	-68.5770	0.000000E+00
1073	408.269	-65.0777	0.000000E+00
1074	408.504	-61.5840	0.000000E+00
1075	408.532	-59.9069	0.000000E+00
1076	411.754	-71.0697	0.000000E+00
1077	411.769	-70.3199	0.000000E+00
1078	411.951	-59.9715	0.000000E+00
1079	411.966	-59.2216	0.000000E+00
1080	412.769	-70.3393	0.000000E+00
1081	412.798	-68.6624	0.000000E+00
1082	413.027	-65.1664	0.000000E+00
1083	410.694	-65.1248	0.000000E+00
1084	410.923	-61.6293	0.000000E+00
1085	410.951	-59.9520	0.000000E+00
1086	414.188	-71.1092	0.000000E+00
1087	414.202	-70.3593	0.000000E+00
1088	414.367	-60.0107	0.000000E+00
1089	414.380	-59.2608	0.000000E+00
1090	413.188	-71.0914	0.000000E+00
1091	413.202	-70.3435	0.000000E+00
1092	413.062	-68.6675	0.000000E+00
1093	413.118	-65.1680	-0.333067E-14
1094	413.342	-61.6722	0.000000E+00
1095	413.367	-59.9928	0.000000E+00

1096	416.622	-71.1487	0.000000E+00
1097	416.634	-70.3988	0.000000E+00
1098	416.783	-60.0499	0.000000E+00
1099	416.795	-59.3000	0.000000E+00
1100	417.634	-70.4150	0.000000E+00
1101	417.658	-68.7383	0.000000E+00
1102	417.876	-65.2413	-0.189293E-13
1103	415.543	-65.2072	-0.189293E-13
1104	415.761	-61.7113	0.000000E+00
1105	415.783	-60.0337	0.000000E+00
1106	419.056	-71.1804	0.000000E+00
1107	419.067	-70.4305	0.000000E+00
1108	419.199	-60.0813	0.000000E+00
1109	419.210	-59.3314	0.000000E+00
1110	418.056	-71.1658	0.000000E+00
1111	418.067	-70.4111	0.000000E+00
1112	417.933	-68.7425	0.000000E+00
1113	417.979	-65.2428	-0.376921E-13
1114	418.191	-61.7530	0.000000E+00
1115	418.200	-60.0667	0.000000E+00
1116	421.490	-71.2120	0.000000E+00
1117	421.500	-70.4621	0.000000E+00
1118	421.616	-60.1127	0.000000E+00
1119	421.625	-59.3628	0.000000E+00
1120	422.500	-70.4751	0.000000E+00
1121	422.519	-68.7986	0.000000E+00
1122	422.726	-65.3006	0.000000E+00
1123	420.393	-65.2741	0.000000E+00
1124	420.599	-61.7777	0.000000E+00
1125	420.616	-60.0997	0.000000E+00
1126	423.926	-71.2358	0.000000E+00
1127	423.935	-70.4859	0.000000E+00
1128	424.033	-60.1364	0.000000E+00
1129	424.042	-59.3864	0.000000E+00
1130	422.926	-71.2245	0.000000E+00
1131	422.935	-70.4767	0.000000E+00
1132	422.783	-68.8014	0.000000E+00
1133	422.817	-65.3016	0.000000E+00
1134	423.018	-61.8042	0.000000E+00
1135	423.033	-60.1250	0.000000E+00
1136	426.361	-71.2597	0.000000E+00
1137	426.369	-70.5097	0.000000E+00
1138	426.451	-60.1600	0.000000E+00
1139	426.458	-59.4101	0.000000E+00
1140	427.369	-70.5195	0.000000E+00
1141	427.380	-68.8416	0.000000E+00
1142	427.576	-65.3443	0.000000E+00
1143	425.242	-65.3252	0.000000E+00
1144	425.438	-61.8269	0.000000E+00
1145	425.451	-60.1502	0.000000E+00
1146	428.796	-71.2756	0.000000E+00
1147	428.802	-70.5256	0.000000E+00
1148	428.867	-60.1759	0.000000E+00
1149	428.873	-59.4259	0.000000E+00
1150	427.796	-71.2674	0.000000E+00
1151	427.802	-70.5206	0.000000E+00
1152	427.644	-68.8449	0.000000E+00
1153	427.667	-65.3450	0.000000E+00
1154	427.856	-61.8461	0.000000E+00
1155	427.867	-60.1677	0.000000E+00
1156	431.230	-71.2916	0.000000E+00
1157	431.235	-70.5416	0.000000E+00
1158	431.284	-60.1917	0.000000E+00
1159	431.289	-59.4417	0.000000E+00
1160	432.235	-70.5481	0.000000E+00
1161	432.242	-68.8705	0.000000E+00
1162	432.426	-65.3723	-0.154321E-13
1163	430.092	-65.3608	-0.154321E-13
1164	430.276	-61.8621	0.000000E+00
1165	430.284	-60.1851	0.000000E+00
1166	433.664	-71.2997	0.000000E+00
1167	433.668	-70.5497	0.000000E+00
1168	433.700	-60.1997	0.000000E+00
1169	433.704	-59.4497	0.000000E+00
1170	432.664	-71.2947	0.000000E+00
1171	432.668	-70.5472	0.000000E+00
1172	432.506	-68.8727	0.000000E+00
1173	432.517	-65.3727	0.000000E+00
1174	432.695	-61.8739	0.000000E+00
1175	432.700	-60.1948	0.000000E+00
1176	436.099	-71.3078	0.000000E+00
1177	436.101	-70.5578	0.000000E+00
1178	436.116	-60.2078	0.000000E+00
1179	436.119	-59.4578	0.000000E+00
1180	437.101	-70.5611	0.000000E+00
1181	437.103	-68.8837	0.000000E+00
1182	436.103	-68.8827	-2.50000
1183	436.103	-69.8827	-2.50000
1184	437.275	-65.3848	0.000000E+00
1185	434.942	-65.3808	0.000000E+00
1186	436.115	-61.8827	-2.50000
1187	436.115	-62.8827	-2.50000
1188	435.115	-61.8817	0.000000E+00
1189	435.116	-60.2045	0.000000E+00
1190	438.533	-71.3080	0.000000E+00
1191	438.534	-70.5580	0.000000E+00
1192	438.533	-60.2080	0.000000E+00
1193	438.534	-59.4580	0.000000E+00
1194	437.533	-71.3063	0.000000E+00
1195	437.534	-70.5585	0.000000E+00
1196	437.367	-68.8848	0.000000E+00
1197	437.367	-65.3848	0.000000E+00
1198	437.534	-61.8857	0.000000E+00
1199	437.533	-60.2063	0.000000E+00
1200	440.949	-60.2083	0.000000E+00

1201	440.949	-59.4583	0.000000E+00
1202	440.967	-71.3083	0.000000E+00
1203	440.967	-70.5583	0.000000E+00
1204	439.949	-60.2082	0.000000E+00
1205	439.954	-61.8857	0.000000E+00
1206	439.792	-65.3850	0.113687E-12
1207	442.125	-65.3815	0.113687E-12
1208	441.964	-68.8813	0.000000E+00
1209	441.967	-70.5584	0.000000E+00
1210	443.366	-60.2008	0.000000E+00
1211	443.365	-59.4508	0.000000E+00
1212	443.402	-71.3007	0.000000E+00
1213	443.400	-70.5507	0.000000E+00
1214	442.366	-60.2023	0.000000E+00
1215	442.368	-61.8791	0.000000E+00
1216	442.213	-65.3813	0.399680E-14
1217	442.223	-68.8812	0.000000E+00
1218	442.400	-70.5569	0.000000E+00
1219	442.402	-71.3022	0.000000E+00
1220	445.780	-59.4432	0.000000E+00
1221	445.782	-60.1932	0.000000E+00
1222	445.834	-70.5431	0.000000E+00
1223	445.836	-71.2931	0.000000E+00
1224	444.782	-60.1964	0.000000E+00
1225	444.792	-61.8742	0.000000E+00
1226	444.642	-65.3736	0.000000E+00
1227	446.975	-65.3626	0.000000E+00
1228	446.825	-68.8632	0.000000E+00
1229	446.834	-70.5400	0.000000E+00
1230	448.196	-59.4279	0.000000E+00
1231	448.200	-60.1779	0.000000E+00
1232	448.268	-70.5277	0.000000E+00
1233	448.271	-71.2777	0.000000E+00
1234	447.200	-60.1826	0.000000E+00
1235	447.212	-61.8617	0.000000E+00
1236	447.067	-65.3621	0.000000E+00
1237	447.089	-68.8620	0.000000E+00
1238	447.268	-70.5348	0.000000E+00
1239	447.271	-71.2824	0.000000E+00
1240	450.613	-59.4126	0.000000E+00
1241	450.618	-60.1626	0.000000E+00
1242	450.702	-70.5122	0.000000E+00
1243	450.707	-71.2622	0.000000E+00
1244	449.618	-60.1689	0.000000E+00
1245	449.631	-61.8454	0.000000E+00
1246	449.492	-65.3466	0.000000E+00
1247	451.825	-65.3281	0.000000E+00
1248	451.687	-68.8278	0.000000E+00
1249	451.702	-70.5059	0.000000E+00
1250	453.028	-59.3895	0.000000E+00
1251	453.034	-60.1395	0.000000E+00
1252	453.135	-70.4890	0.000000E+00
1253	453.141	-71.2389	0.000000E+00
1254	452.034	-60.1474	0.000000E+00
1255	452.060	-61.8319	0.000000E+00
1256	451.927	-65.3272	0.000000E+00
1257	451.961	-68.8270	0.000000E+00
1258	452.135	-70.4937	0.000000E+00
1259	452.141	-71.2469	0.000000E+00
1260	455.443	-59.3664	0.000000E+00
1261	455.450	-60.1163	0.000000E+00
1262	455.568	-70.4657	0.000000E+00
1263	455.575	-71.2156	0.000000E+00
1264	454.450	-60.1259	0.000000E+00
1265	454.469	-61.8026	0.000000E+00
1266	454.342	-65.3040	0.000000E+00
1267	456.675	-65.2779	0.000000E+00
1268	456.548	-68.7784	0.000000E+00
1269	456.568	-70.4561	0.000000E+00
1270	457.858	-59.3355	0.000000E+00
1271	457.866	-60.0854	0.000000E+00
1272	458.001	-70.4346	0.000000E+00
1273	458.010	-71.1845	0.000000E+00
1274	456.866	-60.0966	0.000000E+00
1275	456.880	-61.7703	0.000000E+00
1276	456.758	-65.2769	0.000000E+00
1277	456.803	-68.7766	0.000000E+00
1278	457.001	-70.4536	0.000000E+00
1279	457.010	-71.1957	0.000000E+00
1280	460.273	-59.3046	0.000000E+00
1281	460.283	-60.0545	0.000000E+00
1282	460.434	-70.4034	0.000000E+00
1283	460.444	-71.1534	0.000000E+00
1284	459.283	-60.0673	0.000000E+00
1285	459.308	-61.7442	0.000000E+00
1286	459.192	-65.2457	0.000000E+00
1287	461.525	-65.2121	0.000000E+00
1288	461.408	-68.7133	0.000000E+00
1289	461.434	-70.3906	0.000000E+00
1290	462.688	-59.2659	0.000000E+00
1291	462.699	-60.0158	0.000000E+00
1292	462.867	-70.3645	0.000000E+00
1293	462.878	-71.1144	0.000000E+00
1294	461.699	-60.0302	0.000000E+00
1295	461.727	-61.7092	0.000000E+00
1296	461.616	-65.2107	0.000000E+00
1297	461.672	-68.7103	0.000000E+00
1298	461.867	-70.3812	0.000000E+00
1299	461.878	-71.1288	0.000000E+00
1300	465.103	-59.2272	0.000000E+00
1301	465.115	-59.9772	0.000000E+00
1302	465.300	-70.3255	0.000000E+00
1303	465.312	-71.0754	0.000000E+00
1304	464.115	-59.9932	0.000000E+00
1305	464.146	-61.6703	0.000000E+00

1306	464.041	-65.1718	0.000000E+00
1307	466.374	-65.1307	0.000000E+00
1308	466.269	-68.6325	0.000000E+00
1309	466.300	-70.3095	0.000000E+00
1310	467.518	-59.1808	0.000000E+00
1311	467.531	-59.9307	0.000000E+00
1312	467.732	-70.2787	0.000000E+00
1313	467.746	-71.0286	0.000000E+00
1314	466.531	-59.9483	0.000000E+00
1315	466.571	-61.6309	0.000000E+00
1316	466.472	-65.1289	-0.843769E-14
1317	466.539	-68.6282	0.000000E+00
1318	466.732	-70.2947	0.000000E+00
1319	466.746	-71.0462	0.000000E+00
1320	469.932	-59.1343	0.000000E+00
1321	469.947	-59.8842	0.000000E+00
1322	470.165	-70.2319	0.000000E+00
1323	470.179	-70.9818	0.000000E+00
1324	468.947	-59.9034	0.000000E+00
1325	468.984	-61.5807	0.000000E+00
1326	468.890	-65.0823	0.000000E+00
1327	471.223	-65.0336	0.000000E+00
1328	471.129	-68.5360	0.000000E+00
1329	471.165	-70.2127	0.000000E+00
1330	472.347	-59.0801	0.000000E+00
1331	472.363	-59.8299	0.000000E+00
1332	472.598	-70.1772	0.000000E+00
1333	472.613	-70.9271	0.000000E+00
1334	471.363	-59.8508	0.000000E+00
1335	471.403	-61.5300	0.000000E+00
1336	471.315	-65.0317	0.000000E+00
1337	471.393	-68.5308	0.000000E+00
1338	471.598	-70.1999	0.000000E+00
1339	471.613	-70.9479	0.000000E+00
1340	474.762	-59.0258	0.000000E+00
1341	474.778	-59.7757	0.000000E+00
1342	475.030	-70.1226	0.000000E+00
1343	475.047	-70.8724	0.000000E+00
1344	473.779	-59.7981	0.000000E+00
1345	473.821	-61.4755	0.000000E+00
1346	473.739	-64.9771	0.000000E+00
1347	476.072	-64.9209	0.000000E+00
1348	475.989	-68.4239	0.000000E+00
1349	476.030	-70.1001	0.000000E+00
1350	477.177	-58.9638	0.000000E+00
1351	477.195	-59.7136	0.000000E+00
1352	477.464	-70.0601	0.000000E+00
1353	477.482	-70.8099	0.000000E+00
1354	476.196	-59.7376	0.000000E+00
1355	476.235	-61.4133	0.000000E+00
1356	476.158	-64.9188	0.000000E+00
1357	476.248	-68.4176	0.000000E+00
1358	476.464	-70.0896	0.000000E+00
1359	476.482	-70.8339	0.000000E+00
1360	479.593	-58.9017	0.000000E+00
1361	479.612	-59.6515	0.000000E+00
1362	479.897	-69.9975	0.000000E+00
1363	479.917	-70.7473	0.000000E+00
1364	478.613	-59.6771	0.000000E+00
1365	478.659	-61.3532	0.000000E+00
1366	478.588	-64.8563	0.000000E+00
1367	480.920	-64.7926	0.000000E+00
1368	480.849	-68.2945	0.000000E+00
1369	480.897	-69.9719	0.000000E+00
1370	482.007	-58.8319	0.000000E+00
1371	482.028	-59.5816	0.000000E+00
1372	482.329	-69.9272	0.000000E+00
1373	482.350	-70.6769	0.000000E+00
1374	481.028	-59.6089	0.000000E+00
1375	481.077	-61.2869	0.000000E+00
1376	481.012	-64.7901	0.000000E+00
1377	481.113	-68.2886	0.000000E+00
1378	481.330	-69.9573	0.000000E+00
1379	481.350	-70.7042	0.000000E+00
1380	484.421	-58.7621	0.000000E+00
1381	484.443	-59.5118	0.000000E+00
1382	484.761	-69.8569	0.000000E+00
1383	484.783	-70.6066	0.000000E+00
1384	483.444	-59.5407	0.000000E+00
1385	483.495	-61.2168	0.000000E+00
1386	484.495	-61.1859	-2.50000
1387	484.495	-62.1859	-2.50000
1388	483.436	-64.7199	0.000000E+00
1389	485.768	-64.6487	0.000000E+00
1390	484.708	-68.1827	-2.50000
1391	484.708	-69.1827	-2.50000
1392	485.708	-68.1510	0.000000E+00
1393	485.761	-69.8280	0.000000E+00
1394	486.835	-58.6845	0.000000E+00
1395	486.858	-59.4341	0.000000E+00
1396	487.193	-69.7787	0.000000E+00
1397	487.216	-70.5284	0.000000E+00
1398	485.859	-59.4647	0.000000E+00
1399	485.914	-61.1428	0.000000E+00
1400	485.859	-64.6458	0.000000E+00
1401	485.972	-68.1440	0.000000E+00
1402	486.194	-69.8118	0.000000E+00
1403	486.217	-70.5589	0.000000E+00
1404	489.249	-58.6069	0.000000E+00
1405	489.274	-59.3565	0.000000E+00
1406	489.625	-69.7005	0.000000E+00
1407	489.649	-70.4501	0.000000E+00
1408	488.274	-59.3886	0.000000E+00
1409	488.332	-61.0648	0.000000E+00
1410	488.283	-64.5678	0.000000E+00

1411	490.615	-64.4891	0.000000E+00
1412	490.567	-67.9919	0.000000E+00
1413	490.625	-69.6684	0.000000E+00
1414	491.663	-58.5215	0.000000E+00
1415	491.688	-59.2711	0.000000E+00
1416	492.057	-69.6145	0.000000E+00
1417	492.082	-70.3641	0.000000E+00
1418	490.689	-59.3048	0.000000E+00
1419	490.740	-60.9778	0.000000E+00
1420	490.698	-64.4862	-0.383027E-13
1421	490.821	-67.9840	0.000000E+00
1422	491.058	-69.6561	0.000000E+00
1423	491.083	-70.3978	0.000000E+00
1424	494.077	-58.4361	0.000000E+00
1425	494.103	-59.1857	0.000000E+00
1426	494.488	-69.5285	0.000000E+00
1427	494.515	-70.2780	0.000000E+00
1428	493.104	-59.2210	0.000000E+00
1429	493.168	-60.8973	0.000000E+00
1430	493.130	-64.4001	0.000000E+00
1431	495.462	-64.3139	0.000000E+00
1432	495.425	-67.8171	0.000000E+00
1433	495.488	-69.4932	0.000000E+00
1434	496.490	-58.3430	0.000000E+00
1435	496.518	-59.0925	0.000000E+00
1436	496.920	-69.4347	0.000000E+00
1437	496.947	-70.1841	0.000000E+00
1438	495.519	-59.1294	0.000000E+00
1439	495.585	-60.8077	0.000000E+00
1440	495.554	-64.3104	0.000000E+00
1441	495.689	-67.8078	0.000000E+00
1442	495.920	-69.4736	0.000000E+00
1443	495.948	-70.2211	0.000000E+00
1444	498.904	-58.2498	0.000000E+00
1445	498.933	-58.9993	0.000000E+00
1446	499.351	-69.3408	0.000000E+00
1447	499.380	-70.0902	0.000000E+00
1448	497.933	-59.0378	0.000000E+00
1449	498.003	-60.7141	0.000000E+00
1450	497.977	-64.2168	0.000000E+00
1451	500.308	-64.1231	0.000000E+00
1452	500.282	-67.6267	0.000000E+00
1453	500.350	-69.3022	0.000000E+00
1454	501.317	-58.1489	0.000000E+00
1455	501.347	-58.8983	0.000000E+00
1456	501.782	-69.2391	0.000000E+00
1457	501.812	-69.9885	0.000000E+00
1458	500.348	-58.9385	0.000000E+00
1459	500.426	-60.6198	0.000000E+00
1460	500.405	-64.1191	0.000000E+00
1461	500.552	-67.6160	0.000000E+00
1462	500.783	-69.2777	0.000000E+00
1463	500.813	-70.0287	0.000000E+00
1464	503.730	-58.0479	0.000000E+00
1465	503.761	-58.7973	0.000000E+00
1466	504.213	-69.1374	0.000000E+00
1467	504.244	-69.8868	0.000000E+00
1468	502.762	-58.8391	0.000000E+00
1469	502.837	-60.5154	0.000000E+00
1470	502.823	-64.0179	0.000000E+00
1471	505.154	-63.9166	0.000000E+00
1472	505.139	-67.4206	0.000000E+00
1473	505.212	-69.0956	0.000000E+00
1474	506.144	-57.9392	0.000000E+00
1475	506.177	-58.6885	0.000000E+00
1476	506.645	-69.0278	0.000000E+00
1477	506.677	-69.7771	0.000000E+00
1478	505.177	-58.7319	0.000000E+00
1479	505.254	-60.4094	0.000000E+00
1480	505.245	-63.9126	0.000000E+00
1481	505.403	-67.4090	0.000000E+00
1482	505.646	-69.0735	0.000000E+00
1483	505.678	-69.8205	0.000000E+00
1484	508.558	-57.8304	0.000000E+00
1485	508.592	-58.5796	0.000000E+00
1486	509.077	-68.9183	0.000000E+00
1487	509.111	-69.6675	0.000000E+00
1488	507.593	-58.6246	0.000000E+00
1489	507.671	-60.2995	0.000000E+00
1490	507.668	-63.8033	0.000000E+00
1491	509.999	-63.6945	0.000000E+00
1492	509.995	-67.1972	0.000000E+00
1493	510.076	-68.8732	0.000000E+00
1494	510.970	-57.7139	0.000000E+00
1495	511.005	-58.4631	0.000000E+00
1496	511.507	-68.8009	0.000000E+00
1497	511.542	-69.5501	0.000000E+00
1498	510.007	-58.5097	0.000000E+00
1499	510.088	-60.1865	0.000000E+00
1500	510.090	-63.6902	0.000000E+00
1501	510.259	-67.1861	0.000000E+00
1502	510.508	-68.8503	0.000000E+00
1503	510.543	-69.5967	0.000000E+00
1504	513.383	-57.5974	0.000000E+00
1505	513.419	-58.3465	0.000000E+00
1506	513.937	-68.6835	0.000000E+00
1507	513.974	-69.4327	0.000000E+00
1508	512.420	-58.3948	0.000000E+00
1509	512.505	-60.0696	0.000000E+00
1510	512.513	-63.5731	0.000000E+00
1511	514.843	-63.4568	0.000000E+00
1512	514.851	-66.9598	0.000000E+00
1513	514.936	-68.6353	0.000000E+00
1514	515.795	-57.4731	0.000000E+00
1515	515.832	-58.2222	0.000000E+00

1516	516.367	-68.5583	0.000000E+00
1517	516.405	-69.3074	0.000000E+00
1518	514.834	-58.2720	0.000000E+00
1519	514.922	-59.9497	0.000000E+00
1520	514.936	-63.4521	-0.376921E-13
1521	515.116	-66.9475	0.000000E+00
1522	515.369	-68.6097	0.000000E+00
1523	515.406	-69.3573	0.000000E+00
1524	518.207	-57.3488	0.000000E+00
1525	518.246	-58.0979	0.000000E+00
1526	518.797	-68.4331	0.000000E+00
1527	518.836	-69.1822	0.000000E+00
1528	517.247	-58.1493	0.000000E+00
1529	517.337	-59.8242	0.000000E+00
1530	517.356	-63.3273	0.000000E+00
1531	519.686	-63.2035	0.000000E+00
1532	519.706	-66.7067	0.000000E+00
1533	519.796	-68.3817	0.000000E+00
1534	520.619	-57.2168	0.000000E+00
1535	520.658	-57.9657	0.000000E+00
1536	521.227	-68.3001	0.000000E+00
1537	521.266	-69.0491	0.000000E+00
1538	519.660	-58.0188	0.000000E+00
1539	519.753	-59.6956	0.000000E+00
1540	519.778	-63.1986	0.000000E+00
1541	519.969	-66.6934	0.000000E+00
1542	520.228	-68.3554	0.000000E+00
1543	520.268	-69.1021	0.000000E+00
1544	523.030	-57.0847	0.000000E+00
1545	523.071	-57.8336	0.000000E+00
1546	523.656	-68.1671	0.000000E+00
1547	523.697	-68.9160	0.000000E+00
1548	522.073	-57.8883	0.000000E+00
1549	522.169	-59.5631	0.000000E+00
1550	522.199	-63.0659	0.000000E+00
1551	524.529	-62.9346	0.000000E+00
1552	524.559	-66.4380	0.000000E+00
1553	524.655	-68.1124	0.000000E+00
1554	525.441	-56.9449	0.000000E+00
1555	525.484	-57.6937	0.000000E+00
1556	526.085	-68.0262	0.000000E+00
1557	526.127	-68.7750	0.000000E+00
1558	524.485	-57.7500	0.000000E+00
1559	524.574	-59.4214	0.000000E+00
1560	524.611	-62.9299	0.000000E+00
1561	524.813	-66.4240	0.000000E+00
1562	525.087	-68.0903	0.000000E+00
1563	525.129	-68.8313	0.000000E+00
1564	527.852	-56.8051	0.000000E+00
1565	527.896	-57.5538	0.000000E+00
1566	528.514	-67.8854	0.000000E+00
1567	528.558	-68.6341	0.000000E+00
1568	526.898	-57.6117	0.000000E+00
1569	527.000	-59.2865	0.000000E+00
1570	527.041	-62.7889	0.000000E+00
1571	529.371	-62.6501	0.000000E+00
1572	529.412	-66.1536	0.000000E+00
1573	529.512	-67.8275	0.000000E+00
1574	530.264	-56.6574	0.000000E+00
1575	530.309	-57.4061	0.000000E+00
1576	530.944	-67.7366	0.000000E+00
1577	530.989	-68.4853	0.000000E+00
1578	529.311	-57.4656	0.000000E+00
1579	529.412	-59.1402	0.000000E+00
1580	529.460	-62.6447	0.000000E+00
1581	529.673	-66.1381	0.000000E+00
1582	529.946	-67.8000	0.000000E+00
1583	529.990	-68.5448	0.000000E+00
1584	532.676	-56.5098	0.000000E+00
1585	532.722	-57.2584	0.000000E+00
1586	533.374	-67.5878	0.000000E+00
1587	533.420	-68.3364	0.000000E+00
1588	531.724	-57.3195	0.000000E+00
1589	531.829	-58.9927	0.000000E+00
1590	532.827	-58.9300	-2.50000
1591	532.827	-59.9300	-2.50000
1592	531.882	-62.4963	0.000000E+00
1593	534.211	-62.3500	0.000000E+00
1594	533.266	-65.9162	-2.50000
1595	533.266	-66.9162	-2.50000
1596	534.264	-65.8520	0.000000E+00
1597	534.372	-67.5267	0.000000E+00
1598	535.087	-56.3544	0.000000E+00
1599	535.134	-57.1029	0.000000E+00
1600	535.802	-67.4313	0.000000E+00
1601	535.849	-68.1798	0.000000E+00
1602	534.136	-57.1656	0.000000E+00
1603	534.244	-58.8408	0.000000E+00
1604	534.303	-62.3441	0.000000E+00
1605	534.528	-65.8369	0.000000E+00
1606	534.804	-67.4970	0.000000E+00
1607	534.851	-68.2425	0.000000E+00
1608	537.497	-56.1990	0.000000E+00
1609	537.545	-56.9475	0.000000E+00
1610	538.230	-67.2748	0.000000E+00
1611	538.278	-68.0232	0.000000E+00
1612	536.547	-57.0118	0.000000E+00
1613	536.658	-58.6849	0.000000E+00
1614	536.723	-62.1880	-0.454747E-12
1615	539.051	-62.0342	-0.454747E-12
1616	539.115	-65.5364	0.000000E+00
1617	539.228	-67.2105	0.000000E+00
1618	539.907	-56.0359	0.000000E+00
1619	539.956	-56.7842	0.000000E+00
1620	540.658	-67.1104	0.000000E+00

1621	540.707	-67.8588	0.000000E+00
1622	538.958	-56.8502	0.000000E+00
1623	539.085	-58.5317	0.000000E+00
1624	539.155	-62.0272	-0.105804E-12
1625	539.391	-65.5192	0.000000E+00
1626	539.659	-67.1716	0.000000E+00
1627	539.709	-67.9247	0.000000E+00
1628	542.316	-55.8727	0.000000E+00
1629	542.367	-56.6210	0.000000E+00
1630	543.085	-66.9461	0.000000E+00
1631	543.136	-67.6944	0.000000E+00
1632	541.369	-56.6886	0.000000E+00
1633	541.486	-58.3616	0.000000E+00
1634	541.562	-61.8642	0.000000E+00
1635	543.890	-61.7028	0.000000E+00
1636	543.965	-65.2051	0.000000E+00
1637	544.083	-66.8785	0.000000E+00
1638	544.725	-55.7018	0.000000E+00
1639	544.777	-56.4500	0.000000E+00
1640	545.512	-66.7739	0.000000E+00
1641	545.564	-67.5221	0.000000E+00
1642	543.780	-56.5192	0.000000E+00
1643	543.900	-58.1941	0.000000E+00
1644	543.981	-61.6964	0.000000E+00
1645	544.229	-65.1877	0.000000E+00
1646	544.515	-66.8454	0.000000E+00
1647	544.566	-67.5913	0.000000E+00
1648	547.135	-55.5309	0.000000E+00
1649	547.188	-56.2791	0.000000E+00
1650	547.939	-66.6017	0.000000E+00
1651	547.992	-67.3499	0.000000E+00
1652	546.190	-56.3498	0.000000E+00
1653	546.313	-58.0227	0.000000E+00
1654	546.400	-61.5248	0.000000E+00
1655	548.727	-61.3559	0.000000E+00
1656	548.814	-64.8582	0.000000E+00
1657	548.937	-66.5310	0.000000E+00
1658	549.543	-55.3523	0.000000E+00
1659	549.598	-56.1003	0.000000E+00
1660	550.366	-66.4217	0.000000E+00
1661	550.420	-67.1698	0.000000E+00
1662	548.600	-56.1727	0.000000E+00
1663	548.727	-57.8479	0.000000E+00
1664	548.820	-61.3491	0.000000E+00
1665	549.078	-64.8395	0.000000E+00
1666	549.368	-66.4957	0.000000E+00
1667	549.422	-67.2421	0.000000E+00
1668	551.952	-55.1736	0.000000E+00
1669	552.007	-55.9215	0.000000E+00
1670	552.792	-66.2417	0.000000E+00
1671	552.848	-66.9897	0.000000E+00
1672	551.010	-55.9955	0.000000E+00
1673	551.139	-57.6682	0.000000E+00
1674	551.237	-61.1697	0.000000E+00
1675	553.564	-60.9934	0.000000E+00
1676	553.662	-64.4956	0.000000E+00
1677	553.789	-66.1678	0.000000E+00
1678	554.360	-54.9872	0.000000E+00
1679	554.417	-55.7350	0.000000E+00
1680	555.218	-66.0539	0.000000E+00
1681	555.275	-66.8018	0.000000E+00
1682	553.419	-55.8106	0.000000E+00
1683	553.551	-57.4852	0.000000E+00
1684	553.655	-60.9864	0.000000E+00
1685	553.925	-64.4759	0.000000E+00
1686	554.221	-66.1313	0.000000E+00
1687	554.277	-66.8774	0.000000E+00
1688	556.768	-54.8007	0.000000E+00
1689	556.826	-55.5485	0.000000E+00
1690	557.644	-65.8661	0.000000E+00
1691	557.702	-66.6139	0.000000E+00
1692	555.829	-55.6257	0.000000E+00
1693	555.963	-57.2982	0.000000E+00
1694	556.073	-60.7991	0.000000E+00
1695	558.399	-60.6152	0.000000E+00
1696	558.508	-64.1174	0.000000E+00
1697	558.641	-65.7889	0.000000E+00
1698	559.177	-54.6064	0.000000E+00
1699	559.236	-55.3541	0.000000E+00
1700	560.070	-65.6704	0.000000E+00
1701	560.129	-66.4180	0.000000E+00
1702	558.239	-55.4329	0.000000E+00
1703	558.375	-57.1066	0.000000E+00
1704	558.490	-60.6079	0.000000E+00
1705	558.772	-64.0966	0.000000E+00
1706	559.074	-65.7515	0.000000E+00
1707	559.132	-66.4968	0.000000E+00
1708	561.585	-54.4121	0.000000E+00
1709	561.646	-55.1597	0.000000E+00
1710	562.497	-65.4746	0.000000E+00
1711	562.557	-66.2222	0.000000E+00
1712	560.649	-55.2401	0.000000E+00
1713	560.786	-56.9111	0.000000E+00
1714	560.907	-60.4129	0.000000E+00
1715	563.233	-60.2215	0.000000E+00
1716	563.354	-63.7220	0.000000E+00
1717	563.494	-65.3942	0.000000E+00
1718	563.992	-54.2102	0.000000E+00
1719	564.054	-54.9576	0.000000E+00
1720	564.921	-65.2712	0.000000E+00
1721	564.983	-66.0186	0.000000E+00
1722	563.057	-55.0396	0.000000E+00
1723	563.194	-56.7109	0.000000E+00
1724	563.321	-60.2142	-0.116906E-12
1725	563.614	-63.7019	0.000000E+00

1726	563.925	-65.3579	0.000000E+00
1727	563.986	-66.1007	0.000000E+00
1728	566.399	-54.0082	0.000000E+00
1729	566.461	-54.7556	0.000000E+00
1730	567.346	-65.0677	0.000000E+00
1731	567.409	-65.8151	0.000000E+00
1732	565.465	-54.8392	0.000000E+00
1733	565.609	-56.5100	0.000000E+00
1734	565.741	-60.0111	0.000000E+00
1735	568.066	-59.8122	0.000000E+00
1736	568.198	-63.3126	0.000000E+00
1737	568.342	-64.9841	0.000000E+00
1738	568.805	-53.7985	0.000000E+00
1739	568.869	-54.5458	0.000000E+00
1740	569.770	-64.8564	0.000000E+00
1741	569.834	-65.6037	0.000000E+00
1742	567.872	-54.6310	0.000000E+00
1743	568.019	-56.3036	0.000000E+00
1744	568.157	-59.8043	0.000000E+00
1745	568.461	-63.2911	0.000000E+00
1746	568.774	-64.9442	0.000000E+00
1747	568.837	-65.6889	0.000000E+00
1748	571.211	-53.5888	0.000000E+00
1749	571.276	-54.3359	0.000000E+00
1750	572.194	-64.6452	0.000000E+00
1751	572.259	-65.3923	0.000000E+00
1752	570.280	-54.4228	0.000000E+00
1753	570.429	-56.0933	0.000000E+00
1754	570.573	-59.5937	0.000000E+00
1755	572.897	-59.3873	0.000000E+00
1756	573.040	-62.8876	0.000000E+00
1757	573.190	-64.5583	0.000000E+00
1758	573.616	-53.3713	0.000000E+00
1759	573.683	-54.1184	0.000000E+00
1760	574.617	-64.4261	0.000000E+00
1761	574.683	-65.1731	0.000000E+00
1762	572.687	-54.2068	0.000000E+00
1763	572.851	-55.8850	0.000000E+00
1764	573.000	-59.3781	0.000000E+00
1765	573.315	-62.8639	0.000000E+00
1766	573.621	-64.5098	0.000000E+00
1767	573.687	-65.2616	0.000000E+00
1768	576.022	-53.1538	0.000000E+00
1769	576.089	-53.9008	0.000000E+00
1770	577.040	-64.2070	0.000000E+00
1771	577.108	-64.9540	0.000000E+00
1772	575.093	-53.9908	0.000000E+00
1773	575.249	-55.6611	0.000000E+00
1774	575.403	-59.1607	0.000000E+00
1775	577.727	-58.9469	0.000000E+00
1776	577.882	-62.4469	0.000000E+00
1777	578.036	-64.1170	0.000000E+00
1778	578.432	-52.9281	0.000000E+00
1779	578.500	-53.6750	0.000000E+00
1780	579.468	-63.9796	0.000000E+00
1781	579.537	-64.7265	0.000000E+00
1782	577.505	-53.7666	0.000000E+00
1783	577.663	-55.4387	0.000000E+00
1784	577.818	-58.9367	0.000000E+00
1785	578.142	-62.4225	0.000000E+00
1786	578.473	-64.0780	0.000000E+00
1787	578.541	-64.8181	0.000000E+00
1788	580.842	-52.7024	0.000000E+00
1789	580.912	-53.4491	0.000000E+00
1790	581.896	-63.7522	0.000000E+00
1791	581.966	-64.4989	0.000000E+00
1792	579.916	-53.5424	0.000000E+00
1793	580.077	-55.2104	0.000000E+00
1794	581.072	-55.1143	-2.50000
1795	581.072	-56.1143	-2.50000
1796	580.232	-58.7088	0.000000E+00
1797	582.556	-58.4927	0.000000E+00
1798	581.721	-62.0863	-2.50000
1799	581.721	-63.0863	-2.50000
1800	582.715	-61.9817	0.000000E+00
1801	582.891	-63.6590	0.000000E+00
1802	583.228	-52.4811	0.000000E+00
1803	583.298	-53.2279	0.000000E+00
1804	584.302	-63.5291	0.000000E+00
1805	584.371	-64.2759	0.000000E+00
1806	582.302	-53.3207	0.000000E+00
1807	582.467	-54.9918	0.000000E+00
1808	582.629	-58.4877	0.000000E+00
1809	582.960	-61.9728	0.000000E+00
1810	583.307	-63.6365	0.000000E+00
1811	583.376	-64.3687	0.000000E+00
1812	585.615	-52.2599	0.000000E+00
1813	585.684	-53.0067	0.000000E+00
1814	586.708	-63.3060	0.000000E+00
1815	586.777	-64.0528	0.000000E+00
1816	584.689	-53.0990	0.000000E+00
1817	584.857	-54.7664	0.000000E+00
1818	585.029	-58.2486	0.000000E+00
1819	587.351	-58.0250	0.000000E+00
1820	587.516	-61.5237	0.000000E+00
1821	587.703	-63.2137	0.000000E+00
1822	587.999	-52.0262	0.000000E+00
1823	588.070	-52.7728	0.000000E+00
1824	589.109	-63.0706	0.000000E+00
1825	589.180	-63.8172	0.000000E+00
1826	587.075	-52.8677	0.000000E+00
1827	587.247	-54.5191	0.000000E+00
1828	587.429	-58.0146	-0.116573E-13
1829	587.778	-61.4972	0.000000E+00
1830	588.114	-63.1708	0.000000E+00

1831	588.184	-63.9121	0.000000E+00
1832	590.383	-51.7925	0.000000E+00
1833	590.457	-52.5389	0.000000E+00
1834	591.510	-62.8352	0.000000E+00
1835	591.583	-63.5816	0.000000E+00
1836	589.461	-52.6364	0.000000E+00
1837	589.634	-54.2996	0.000000E+00
1838	589.822	-57.7733	0.000000E+00
1839	592.144	-57.5403	0.000000E+00
1840	592.322	-61.0532	0.000000E+00
1841	592.505	-62.7376	0.000000E+00
1842	592.768	-51.5460	0.000000E+00
1843	592.843	-52.2922	0.000000E+00
1844	593.911	-62.5869	0.000000E+00
1845	593.986	-63.3332	0.000000E+00
1846	591.848	-52.3924	0.000000E+00
1847	592.022	-54.0582	0.000000E+00
1848	592.213	-57.5549	0.000000E+00
1849	592.569	-61.0366	0.000000E+00
1850	592.917	-62.6949	0.000000E+00
1851	592.991	-63.4334	0.000000E+00
1852	595.152	-51.2995	0.000000E+00
1853	595.229	-52.0456	0.000000E+00
1854	596.312	-62.3387	0.000000E+00
1855	596.389	-63.0848	0.000000E+00
1856	594.234	-52.1484	0.000000E+00
1857	594.409	-53.8119	0.000000E+00
1858	594.613	-57.2829	0.000000E+00
1859	596.934	-57.0404	0.000000E+00
1860	597.125	-60.5616	0.000000E+00
1861	597.534	-51.0456	0.000000E+00
1862	597.307	-62.2359	0.000000E+00
1863	597.612	-51.7915	0.000000E+00
1864	598.712	-62.0829	0.000000E+00
1865	596.618	-51.8959	0.000000E+00
1866	598.790	-62.8288	0.000000E+00
1867	596.783	-53.5304	0.000000E+00
1868	596.989	-57.0340	-0.166533E-14
1869	597.360	-60.5143	0.000000E+00
1870	597.718	-62.1958	0.000000E+00
1871	599.916	-50.7916	0.000000E+00
1872	597.796	-62.9332	0.000000E+00
1873	599.996	-51.5374	0.000000E+00
1874	601.112	-61.8271	0.000000E+00
1875	599.001	-51.6434	0.000000E+00
1876	601.191	-62.5729	0.000000E+00
1877	599.183	-53.3073	0.000000E+00
1878	599.401	-56.7772	0.000000E+00
1879	601.721	-56.5253	0.000000E+00
1880	601.927	-60.0513	0.000000E+00
1881	602.299	-50.5299	0.000000E+00
1882	602.106	-61.7211	0.000000E+00
1883	602.380	-51.2756	0.000000E+00
1884	603.512	-61.5634	0.000000E+00
1885	601.385	-51.3832	0.000000E+00
1886	603.593	-62.3091	0.000000E+00
1887	601.569	-53.0470	0.000000E+00
1888	601.788	-56.5444	0.000000E+00
1889	602.173	-60.0232	0.000000E+00
1890	602.518	-61.6704	0.000000E+00
1891	604.682	-50.2682	0.000000E+00
1892	602.599	-62.4167	0.000000E+00
1893	604.763	-51.0138	0.000000E+00
1894	605.912	-61.2998	0.000000E+00
1895	603.769	-51.1229	0.000000E+00
1896	605.994	-62.0453	0.000000E+00
1897	603.954	-52.7819	0.000000E+00
1898	604.186	-56.2564	0.000000E+00
1899	606.504	-55.9951	0.000000E+00
1900	606.726	-59.5198	0.000000E+00
1901	607.061	-49.9941	0.000000E+00
1902	606.906	-61.1906	0.000000E+00
1903	607.146	-50.7393	0.000000E+00
1904	606.153	-50.8527	0.000000E+00
1905	608.308	-61.0239	0.000000E+00
1906	608.393	-61.7690	0.000000E+00
1907	606.340	-52.4939	0.000000E+00
1908	606.568	-55.9894	0.000000E+00
1909	606.961	-59.4672	0.000000E+00
1910	607.314	-61.1343	0.000000E+00
1911	609.441	-49.7200	0.000000E+00
1912	609.530	-50.4648	0.000000E+00
1913	607.399	-61.8824	0.000000E+00
1914	608.537	-50.5824	0.000000E+00
1915	610.703	-60.7480	0.000000E+00
1916	610.792	-61.4928	0.000000E+00
1917	608.723	-52.2362	0.000000E+00
1918	608.967	-55.7204	0.000000E+00
1919	611.285	-55.4497	0.000000E+00
1920	611.524	-58.9729	0.000000E+00
1921	611.820	-49.4382	0.000000E+00
1922	611.909	-50.1830	0.000000E+00
1923	611.697	-60.6304	0.000000E+00
1924	610.916	-50.3006	0.000000E+00
1925	613.101	-60.4640	0.000000E+00
1926	613.189	-61.2088	0.000000E+00
1927	611.107	-51.9581	0.000000E+00
1928	611.355	-55.4563	0.000000E+00
1929	611.768	-58.9319	0.000000E+00
1930	614.199	-49.1565	0.000000E+00
1931	612.107	-60.5680	0.000000E+00
1932	614.288	-49.9013	0.000000E+00
1933	612.196	-61.3264	0.000000E+00
1934	613.295	-50.0189	0.000000E+00
1935	615.499	-60.1801	0.000000E+00

1936	613.491	-51.6751	0.000000E+00
1937	615.587	-60.9249	0.000000E+00
1938	614.484	-51.5575	-2.50000
1939	614.484	-52.5575	-2.50000
1940	614.795	-49.0827	0.000000E+00
1941	614.887	-49.8270	0.000000E+00
1942	613.746	-55.1693	0.000000E+00
1943	613.895	-49.9500	0.000000E+00
1944	614.086	-51.6005	0.000000E+00
1945	616.063	-54.8892	0.000000E+00
1946	614.341	-55.0990	0.000000E+00
1947	615.324	-58.5069	-2.50000
1948	615.324	-59.5069	-2.50000
1949	616.318	-58.4027	0.000000E+00
1950	616.492	-60.0625	0.000000E+00
1951	616.658	-54.8189	0.000000E+00
1953	616.183	-60.8511	0.000000E+00
1954	616.102	-60.1055	0.000000E+00
1955	616.914	-58.3264	0.000000E+00
1956	617.096	-59.9972	0.000000E+00
1957	305.273	-62.9707	-1.00000
1958	305.583	-59.4844	-1.00000
1959	304.111	-62.8675	-1.00000
1960	305.893	-55.9981	-1.00000
1961	304.421	-59.3812	-1.00000
1962	310.081	-63.3900	-1.00000
1963	310.379	-59.9027	-1.00000
1964	308.918	-63.2905	-1.00000
1965	310.678	-56.4155	-1.00000
1966	309.217	-59.8032	-1.00000
1967	314.889	-63.7939	-1.00000
1968	315.177	-60.3057	-1.00000
1969	313.727	-63.6981	-1.00000
1970	315.464	-56.8175	-1.00000
1971	314.014	-60.2099	-1.00000
1972	319.699	-64.1824	-1.00000
1973	319.975	-60.6933	-1.00000
1974	318.536	-64.0903	-1.00000
1975	320.251	-57.2042	-1.00000
1976	318.812	-60.6012	-1.00000
1977	324.510	-64.5555	-1.00000
1978	324.775	-61.0656	-1.00000
1979	323.347	-64.4672	-1.00000
1980	325.040	-57.5756	-1.00000
1981	323.612	-60.9772	-1.00000
1982	329.322	-64.9132	-1.00000
1983	329.576	-61.4225	-1.00000
1984	328.159	-64.8286	-1.00000
1985	329.830	-57.9317	-1.00000
1986	328.413	-61.3378	-1.00000
1987	334.136	-65.2556	-1.00000
1988	334.378	-61.7640	-1.00000
1989	332.972	-65.1747	-1.00000
1990	334.621	-58.2724	-1.00000
1991	333.214	-61.6831	-1.00000
1992	338.950	-65.5825	-1.00000
1993	339.182	-62.0901	-1.00000
1994	337.786	-65.5053	-1.00000
1995	339.413	-58.5978	-1.00000
1996	338.017	-62.0130	-1.00000
1997	343.801	-65.8961	-1.00000
1998	344.021	-62.4031	-1.00000
1999	342.637	-65.8227	-1.00000
2000	344.242	-58.9100	-1.00000
2001	342.857	-62.3297	-1.00000
2002	348.653	-66.1942	-1.00000
2003	348.862	-62.7005	-1.00000
2004	347.489	-66.1246	-1.00000
2005	349.071	-59.2067	-1.00000
2006	347.698	-62.6308	-1.00000
2007	353.506	-66.4767	-1.00000
2008	353.704	-62.9823	-1.00000
2009	352.342	-66.4108	-1.00000
2010	353.902	-59.4879	-1.00000
2011	352.539	-62.9164	-1.00000
2012	358.360	-66.7435	-1.00000
2013	358.547	-63.2485	-1.00000
2014	357.195	-66.6814	-1.00000
2015	358.733	-59.7535	-1.00000
2016	357.382	-63.1863	-1.00000
2017	363.215	-66.9947	-1.00000
2018	363.390	-63.4991	-1.00000
2019	362.050	-66.9363	-1.00000
2020	363.566	-60.0035	-1.00000
2021	362.225	-63.4407	-1.00000
2022	368.071	-67.2302	-1.00000
2023	368.235	-63.7340	-1.00000
2024	366.905	-67.1755	-1.00000
2025	368.399	-60.2379	-1.00000
2026	367.069	-63.6794	-1.00000
2027	372.927	-67.4500	-1.00000
2028	373.080	-63.9534	-1.00000
2029	371.761	-67.3992	-1.00000
2030	373.232	-60.4567	-1.00000
2031	371.914	-63.9025	-1.00000
2032	377.784	-67.6542	-1.00000
2033	377.925	-64.1571	-1.00000
2034	376.618	-67.6071	-1.00000
2035	378.067	-60.6600	-1.00000
2036	376.760	-64.1100	-1.00000
2037	382.642	-67.8428	-1.00000
2038	382.772	-64.3452	-1.00000
2039	381.476	-67.7994	-1.00000
2040	382.902	-60.8476	-1.00000
2041	381.606	-64.3018	-1.00000

2042	387.500	-68.0156	-1.00000
2043	387.619	-64.5177	-1.00000
2044	386.334	-67.9760	-1.00000
2045	387.737	-61.0197	-1.00000
2046	386.453	-64.4781	-1.00000
2047	392.359	-68.1729	-1.00000
2048	392.466	-64.6745	-1.00000
2049	391.192	-68.1370	-1.00000
2050	392.574	-61.1762	-1.00000
2051	391.300	-64.6387	-1.00000
2052	397.218	-68.3144	-1.00000
2053	397.314	-64.8157	-1.00000
2054	396.052	-68.2823	-1.00000
2055	397.410	-61.3171	-1.00000
2056	396.148	-64.7836	-1.00000
2057	402.077	-68.4403	-1.00000
2058	402.162	-64.9413	-1.00000
2059	400.911	-68.4120	-1.00000
2060	402.247	-61.4424	-1.00000
2061	400.996	-64.9130	-1.00000
2062	406.937	-68.5505	-1.00000
2063	407.011	-65.0513	-1.00000
2064	405.771	-68.5259	-1.00000
2065	407.085	-61.5521	-1.00000
2066	405.845	-65.0267	-1.00000
2067	411.798	-68.6450	-1.00000
2068	411.860	-65.1456	-1.00000
2069	410.631	-68.6242	-1.00000
2070	411.923	-61.6462	-1.00000
2071	410.694	-65.1248	-1.00000
2072	416.658	-68.7239	-1.00000
2073	416.710	-65.2243	-1.00000
2074	415.492	-68.7069	-1.00000
2075	416.761	-61.7247	-1.00000
2076	415.543	-65.2072	-1.00000
2077	421.519	-68.7871	-1.00000
2078	421.559	-65.2873	-1.00000
2079	420.353	-68.7738	-1.00000
2080	421.599	-61.7876	-1.00000
2081	420.393	-65.2741	-1.00000
2082	426.380	-68.8347	-1.00000
2083	426.409	-65.3348	-1.00000
2084	425.214	-68.8251	-1.00000
2085	426.438	-61.8349	-1.00000
2086	425.242	-65.3252	-1.00000
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2497	508.997	-68.2451	-1.00000
2498	513.503	-61.0193	-1.00000
2499	513.852	-68.0106	-1.00000
2500	518.336	-60.7704	-1.00000
2501	518.707	-67.7605	-1.00000
2502	523.167	-60.5058	-1.00000
2503	523.561	-67.4947	-1.00000
2504	527.998	-60.2257	-1.00000
2505	528.414	-67.2133	-1.00000
2506	532.827	-59.9300	-1.00000
2507	533.266	-66.9162	-1.00000
2508	537.656	-59.6187	-1.00000
2509	538.118	-66.6035	-1.00000
2510	542.484	-59.2919	-1.00000
2511	542.968	-66.2752	-1.00000
2512	547.310	-58.9495	-1.00000
2513	547.817	-65.9312	-1.00000
2514	552.136	-58.5916	-1.00000
2515	552.665	-65.5715	-1.00000
2516	556.960	-58.2181	-1.00000
2517	557.512	-65.1963	-1.00000
2518	561.783	-57.8290	-1.00000
2519	562.357	-64.8054	-1.00000
2520	566.605	-57.4244	-1.00000
2521	567.201	-64.3989	-1.00000
2522	571.425	-57.0042	-1.00000
2523	572.044	-63.9768	-1.00000
2524	576.244	-56.5686	-1.00000
2525	576.886	-63.5391	-1.00000
2526	581.072	-56.1143	-1.00000
2527	581.721	-63.0863	-1.00000
2528	585.852	-55.6660	-1.00000
2529	586.522	-62.6338	-1.00000
2530	590.629	-55.1963	-1.00000
2531	591.328	-62.1613	-1.00000
2532	595.404	-54.7072	-1.00000
2533	596.131	-61.6694	-1.00000
2534	600.177	-54.1988	-1.00000
2535	600.933	-61.1579	-1.00000
2536	604.948	-53.6710	-1.00000
2537	605.732	-60.6270	-1.00000
2538	609.717	-53.1239	-1.00000
2539	610.529	-60.0767	-1.00000
2540	614.484	-52.5575	-1.00000
2541	615.324	-59.5069	-1.00000
2542	304.527	-64.5857	0.000000E+00
2543	304.460	-65.3327	0.000000E+00
2544	305.523	-64.6748	0.000000E+00
2545	305.672	-63.0063	0.000000E+00
2546	305.058	-65.3862	0.000000E+00
2547	305.123	-64.6390	0.000000E+00
2548	306.147	-59.5344	0.000000E+00
2549	306.119	-64.7259	0.000000E+00
2550	303.823	-59.3280	0.000000E+00
2551	306.269	-63.0605	0.000000E+00
2552	305.273	-62.9707	-2.50000
2553	305.273	-63.9707	-2.50000
2554	305.442	-54.2762	0.000000E+00
2555	304.299	-55.8573	0.000000E+00
2556	306.745	-59.5876	0.000000E+00
2557	305.509	-53.5292	0.000000E+00
2558	304.446	-54.1871	0.000000E+00
2559	304.421	-59.3812	0.000000E+00
2560	306.041	-54.3298	0.000000E+00
2561	306.106	-53.5827	0.000000E+00
2562	305.893	-55.9981	-2.50000
2563	305.893	-56.9981	-2.50000
2564	304.896	-55.9095	0.000000E+00
2565	305.045	-54.2429	0.000000E+00
2566	307.468	-65.5984	0.000000E+00

2567	307.533	-64.8512	0.000000E+00
2568	308.433	-54.5403	0.000000E+00
2569	308.498	-53.7932	0.000000E+00
2570	306.472	-65.5115	0.000000E+00
2571	306.537	-64.7643	0.000000E+00
2572	306.517	-63.0818	0.000000E+00
2573	306.819	-59.5934	0.000000E+00
2574	307.291	-56.1220	0.000000E+00
2575	307.436	-54.4534	0.000000E+00
2576	309.874	-65.8062	0.000000E+00
2577	309.939	-65.0591	0.000000E+00
2578	310.819	-54.7466	0.000000E+00
2579	310.884	-53.9994	0.000000E+00
2580	310.935	-65.1460	0.000000E+00
2581	311.077	-63.4746	0.000000E+00
2582	311.542	-60.0023	0.000000E+00
2583	309.217	-59.8032	0.000000E+00
2584	309.681	-56.3310	0.000000E+00
2585	309.823	-54.6597	0.000000E+00
2586	312.274	-66.0098	0.000000E+00
2587	312.337	-65.2624	0.000000E+00
2588	313.203	-54.9488	0.000000E+00
2589	313.266	-54.2014	0.000000E+00
2590	311.278	-65.9261	0.000000E+00
2591	311.341	-65.1787	0.000000E+00
2592	311.315	-63.4956	0.000000E+00
2593	311.608	-60.0079	0.000000E+00
2594	312.067	-56.5341	0.000000E+00
2595	312.207	-54.8651	0.000000E+00
2596	314.691	-66.2109	0.000000E+00
2597	314.754	-65.4635	0.000000E+00
2598	315.601	-55.1482	0.000000E+00
2599	315.664	-54.4009	0.000000E+00
2600	315.750	-65.5472	0.000000E+00
2601	315.886	-63.8747	0.000000E+00
2602	316.339	-60.4015	0.000000E+00
2603	314.014	-60.2099	0.000000E+00
2604	314.467	-56.7355	0.000000E+00
2605	314.605	-55.0645	0.000000E+00
2606	317.108	-66.4080	0.000000E+00
2607	317.169	-65.6605	0.000000E+00
2608	318.002	-55.3441	0.000000E+00
2609	318.062	-54.5965	0.000000E+00
2610	316.111	-66.3275	0.000000E+00
2611	316.172	-65.5800	0.000000E+00
2612	316.140	-63.9000	0.000000E+00
2613	316.413	-60.4044	0.000000E+00
2614	316.870	-56.9330	0.000000E+00
2615	317.005	-55.2636	0.000000E+00
2616	319.507	-66.5999	0.000000E+00
2617	319.568	-65.8523	0.000000E+00
2618	320.382	-55.5344	0.000000E+00
2619	320.442	-54.7868	0.000000E+00
2620	320.564	-65.9328	0.000000E+00
2621	320.696	-64.2609	0.000000E+00
2622	321.138	-60.7854	0.000000E+00
2623	318.812	-60.6012	0.000000E+00
2624	319.255	-57.1263	0.000000E+00
2625	319.385	-55.4539	0.000000E+00
2626	321.917	-66.7887	0.000000E+00
2627	321.975	-66.0409	0.000000E+00
2628	322.775	-55.7219	0.000000E+00
2629	322.833	-54.9742	0.000000E+00
2630	320.920	-66.7114	0.000000E+00
2631	320.978	-65.9636	0.000000E+00
2632	320.941	-64.2807	0.000000E+00
2633	321.212	-60.7911	0.000000E+00
2634	321.649	-57.3145	0.000000E+00
2635	321.778	-55.6446	0.000000E+00
2636	324.327	-66.9737	0.000000E+00
2637	324.385	-66.2259	0.000000E+00
2638	325.166	-55.9054	0.000000E+00
2639	325.224	-55.1577	0.000000E+00
2640	325.382	-66.3032	0.000000E+00
2641	325.507	-64.6302	0.000000E+00
2642	325.938	-61.1539	0.103806E-13
2643	323.612	-60.9772	0.103806E-13
2644	324.043	-57.5002	0.000000E+00
2645	324.169	-55.8281	0.000000E+00
2646	326.727	-67.1540	0.000000E+00
2647	326.783	-66.4060	0.000000E+00
2648	327.550	-56.0845	0.000000E+00
2649	327.605	-55.3366	0.000000E+00
2650	325.730	-67.0798	0.000000E+00
2651	325.785	-66.3319	0.000000E+00
2652	325.744	-64.6460	0.000000E+00
2653	326.012	-61.1625	0.000000E+00
2654	326.428	-57.6807	0.000000E+00
2655	326.553	-56.0104	0.000000E+00
2656	329.146	-67.3318	0.000000E+00
2657	329.201	-66.5839	0.000000E+00
2658	329.949	-56.2610	0.000000E+00
2659	330.005	-55.5130	0.000000E+00
2660	330.198	-66.6580	0.000000E+00
2661	330.320	-64.9856	0.000000E+00
2662	330.740	-61.5070	0.000000E+00
2663	328.413	-61.3378	0.000000E+00
2664	328.833	-57.8604	0.000000E+00
2665	328.952	-56.1868	0.000000E+00
2666	331.564	-67.5058	0.000000E+00
2667	331.618	-66.7577	0.000000E+00
2668	332.352	-56.4337	0.000000E+00
2669	332.405	-55.6856	0.000000E+00
2670	330.567	-67.4349	0.000000E+00
2671	330.620	-66.6867	0.000000E+00

2672	330.573	-65.0041	0.000000E+00
2673	330.821	-61.5129	0.000000E+00
2674	331.235	-58.0335	0.000000E+00
2675	331.354	-56.3628	0.000000E+00
2676	333.968	-67.6748	0.000000E+00
2677	334.020	-66.9266	0.000000E+00
2678	334.736	-56.6014	0.000000E+00
2679	334.789	-55.8533	0.000000E+00
2680	335.017	-66.9958	0.000000E+00
2681	335.133	-65.3248	0.000000E+00
2682	335.542	-61.8448	-0.274780E-13
2683	333.214	-61.6830	-0.274780E-13
2684	333.623	-58.2037	0.000000E+00
2685	333.739	-56.5305	0.000000E+00
2686	336.377	-67.8403	0.000000E+00
2687	336.427	-67.0920	0.000000E+00
2688	337.129	-56.7658	0.000000E+00
2689	337.179	-56.0175	0.000000E+00
2690	335.379	-67.7725	0.000000E+00
2691	335.430	-67.0242	0.000000E+00
2692	335.377	-65.3411	0.000000E+00
2693	335.616	-61.8506	0.000000E+00
2694	336.017	-58.3691	0.000000E+00
2695	336.131	-56.6980	0.000000E+00
2696	338.788	-68.0121	0.000000E+00
2697	338.838	-67.2637	0.000000E+00
2698	339.519	-56.9362	0.000000E+00
2699	339.572	-56.1880	0.000000E+00
2700	339.835	-67.3304	0.000000E+00
2701	339.948	-65.6491	0.000000E+00
2702	338.950	-65.5825	-2.50000
2703	338.950	-66.5825	-2.50000
2704	340.346	-62.1673	0.000000E+00
2705	338.017	-62.0130	0.000000E+00
2706	339.413	-58.5978	-2.50000
2707	339.413	-59.5978	-2.50000
2708	338.415	-58.5341	0.000000E+00
2709	338.522	-56.8664	0.000000E+00
2710	341.216	-68.1611	0.000000E+00
2711	341.265	-67.4126	0.000000E+00
2712	341.933	-57.0842	0.000000E+00
2713	341.981	-56.3358	0.000000E+00
2714	340.218	-68.0965	0.000000E+00
2715	340.267	-67.3481	0.000000E+00
2716	340.208	-65.6657	0.000000E+00
2717	340.434	-62.1730	0.000000E+00
2718	340.827	-58.6911	0.000000E+00
2719	340.935	-57.0197	0.000000E+00
2720	343.649	-68.3165	0.000000E+00
2721	343.696	-67.5679	0.000000E+00
2722	344.348	-57.2385	0.000000E+00
2723	344.395	-56.4900	0.000000E+00
2724	344.694	-67.6305	0.000000E+00
2725	344.799	-65.9587	0.000000E+00
2726	345.186	-62.4765	0.568434E-13
2727	342.857	-62.3297	0.568434E-13
2728	343.244	-58.8464	0.000000E+00
2729	343.350	-57.1760	0.000000E+00
2730	346.083	-68.4680	0.000000E+00
2731	346.129	-67.7194	0.000000E+00
2732	346.764	-57.3888	0.000000E+00
2733	346.810	-56.6403	0.000000E+00
2734	345.085	-68.4066	0.000000E+00
2735	345.131	-67.6580	0.000000E+00
2736	345.067	-65.9759	0.000000E+00
2737	345.282	-62.4825	0.309197E-13
2738	345.663	-58.9993	0.000000E+00
2739	345.766	-57.3275	0.000000E+00
2740	348.509	-68.6150	0.000000E+00
2741	348.554	-67.8664	0.000000E+00
2742	349.171	-57.5348	0.000000E+00
2743	349.217	-56.7862	0.000000E+00
2744	349.552	-67.9259	0.000000E+00
2745	349.652	-66.2538	0.000000E+00
2746	350.027	-62.7702	0.000000E+00
2747	347.698	-62.6308	0.000000E+00
2748	348.073	-59.1475	0.000000E+00
2749	348.172	-57.4734	0.000000E+00
2750	350.951	-68.7591	0.000000E+00
2751	350.994	-68.0104	0.000000E+00
2752	351.596	-57.6779	0.000000E+00
2753	351.639	-56.9291	0.000000E+00
2754	349.953	-68.7010	0.000000E+00
2755	349.996	-67.9523	0.000000E+00
2756	349.927	-66.2704	0.000000E+00
2757	350.130	-62.7763	0.000000E+00
2758	350.500	-59.2919	0.000000E+00
2759	350.597	-57.6198	0.000000E+00
2760	353.369	-68.8979	0.000000E+00
2761	353.412	-68.1491	0.000000E+00
2762	353.995	-57.8156	0.000000E+00
2763	354.039	-57.0668	0.000000E+00
2764	354.410	-68.2056	0.000000E+00
2765	354.505	-66.5332	0.000000E+00
2766	354.869	-63.0482	0.000000E+00
2767	352.539	-62.9164	0.000000E+00
2768	352.903	-59.4321	0.000000E+00
2769	352.997	-57.7575	0.000000E+00
2770	355.793	-69.0331	0.000000E+00
2771	355.834	-68.2842	0.000000E+00
2772	356.403	-57.9499	0.000000E+00
2773	356.444	-57.2010	0.000000E+00
2774	354.795	-68.9782	0.000000E+00
2775	354.836	-68.2294	0.000000E+00
2776	354.761	-66.5477	0.000000E+00

2777	354.954	-63.0529	0.000000E+00
2778	355.312	-59.5674	0.000000E+00
2779	355.404	-57.8950	0.000000E+00
2780	358.231	-69.1651	0.000000E+00
2781	358.272	-68.4163	0.000000E+00
2782	358.821	-58.0808	0.000000E+00
2783	358.862	-57.3320	0.000000E+00
2784	359.270	-68.4711	0.000000E+00
2785	359.359	-66.7964	0.000000E+00
2786	359.712	-63.3106	-0.888178E-15
2787	357.382	-63.1863	-0.888178E-15
2788	357.735	-59.7012	0.000000E+00
2789	357.822	-58.0259	0.000000E+00
2790	360.663	-69.2929	0.000000E+00
2791	360.702	-68.5439	0.000000E+00
2792	361.236	-58.2078	0.000000E+00
2793	361.275	-57.4588	0.000000E+00
2794	359.664	-69.2413	0.000000E+00
2795	359.703	-68.4923	0.000000E+00
2796	359.623	-66.8110	0.000000E+00
2797	359.803	-63.3153	0.000000E+00
2798	360.151	-59.8288	0.000000E+00
2799	360.238	-58.1561	0.000000E+00
2800	363.093	-69.4167	0.000000E+00
2801	363.132	-68.6677	0.000000E+00
2802	363.647	-58.3305	0.000000E+00
2803	363.686	-57.5815	0.000000E+00
2804	364.130	-68.7193	0.000000E+00
2805	364.214	-67.0446	0.000000E+00
2806	364.556	-63.5575	0.000000E+00
2807	362.225	-63.4407	0.000000E+00
2808	362.567	-59.9547	0.000000E+00
2809	362.649	-58.2789	0.000000E+00
2810	365.533	-69.5370	0.000000E+00
2811	365.570	-68.7879	0.000000E+00
2812	366.071	-58.4500	0.000000E+00
2813	366.107	-57.7009	0.000000E+00
2814	364.535	-69.4886	0.000000E+00
2815	364.571	-68.7395	0.000000E+00
2816	364.485	-67.0609	0.000000E+00
2817	364.647	-63.5593	0.000000E+00
2818	364.991	-60.0746	0.000000E+00
2819	365.072	-58.4016	0.000000E+00
2820	367.958	-69.6527	0.000000E+00
2821	367.995	-68.9035	0.000000E+00
2822	368.477	-58.5648	0.000000E+00
2823	368.513	-57.8157	0.000000E+00
2824	368.993	-68.9520	0.000000E+00
2825	369.070	-67.2756	0.000000E+00
2826	369.400	-63.7887	0.000000E+00
2827	367.069	-63.6794	0.000000E+00
2828	367.400	-60.1910	0.000000E+00
2829	367.478	-58.5163	0.000000E+00
2830	370.378	-69.7642	0.000000E+00
2831	370.412	-69.0149	0.000000E+00
2832	370.880	-58.6755	0.000000E+00
2833	370.914	-57.9263	0.000000E+00
2834	369.379	-69.7189	0.000000E+00
2835	369.413	-68.9697	0.000000E+00
2836	369.322	-67.2888	0.000000E+00
2837	369.481	-63.7924	-0.489053E-13
2838	369.806	-60.3035	0.000000E+00
2839	369.881	-58.6303	0.000000E+00
2840	372.822	-69.8728	0.000000E+00
2841	372.856	-69.1236	0.000000E+00
2842	373.305	-58.7834	0.000000E+00
2843	373.339	-58.0341	0.000000E+00
2844	373.855	-69.1688	0.000000E+00
2845	373.926	-67.4925	0.000000E+00
2846	374.245	-64.0043	0.000000E+00
2847	371.914	-63.9025	0.000000E+00
2848	372.233	-60.4134	0.000000E+00
2849	372.306	-58.7381	0.000000E+00
2850	375.250	-69.9769	0.000000E+00
2851	375.282	-69.2276	0.000000E+00
2852	375.716	-58.8867	0.000000E+00
2853	375.748	-58.1374	0.000000E+00
2854	374.251	-69.9349	0.000000E+00
2855	374.282	-69.1855	0.000000E+00
2856	374.186	-67.5049	0.000000E+00
2857	374.333	-64.0080	0.000000E+00
2858	374.647	-60.5181	0.000000E+00
2859	374.717	-58.8447	0.000000E+00
2860	377.686	-70.0774	0.000000E+00
2861	377.718	-69.3280	0.000000E+00
2862	378.133	-58.9864	0.000000E+00
2863	378.165	-58.2370	0.000000E+00
2864	378.717	-69.3700	0.000000E+00
2865	378.783	-67.6938	0.000000E+00
2866	379.091	-64.2042	0.000000E+00
2867	376.760	-64.1100	0.000000E+00
2868	377.068	-60.6201	0.000000E+00
2869	377.134	-58.9444	0.000000E+00
2870	379.123	-70.1351	0.000000E+00
2871	379.152	-69.3857	0.000000E+00
2872	379.051	-67.7054	0.000000E+00
2873	379.187	-64.2080	0.000000E+00
2874	436.115	-61.8827	-2.50000
2875	484.495	-61.1859	-2.50000
2876	484.602	-64.6843	-2.50000
2877	484.602	-64.6843	-2.50000
2878	484.708	-68.1827	-2.50000
2879	532.827	-58.9300	-2.50000
2880	533.047	-62.4231	-2.50000
2881	533.047	-62.4231	-2.50000

2882	533.266	-65.9162	-2.50000
2883	581.072	-55.1143	-2.50000
2884	581.396	-58.6003	-2.50000
2885	581.396	-58.6003	-2.50000
2886	581.721	-62.0863	-2.50000
2887	614.484	-51.5575	-2.50000
2888	614.904	-55.0322	-2.50000
2889	614.904	-55.0322	-2.50000
2890	615.324	-58.5069	-2.50000
2891	305.273	-62.9707	-2.50000
2892	305.583	-59.4844	-2.50000
2893	305.583	-59.4844	-2.50000
2894	305.893	-55.9981	-2.50000
2895	338.950	-65.5825	-2.50000
2896	339.182	-62.0901	-2.50000
2897	339.182	-62.0901	-2.50000
2898	339.413	-58.5978	-2.50000
2899	387.500	-68.0156	-2.50000
2900	387.619	-64.5177	-2.50000
2901	387.619	-64.5177	-2.50000
2902	387.737	-61.0197	-2.50000
2903	436.103	-68.8827	-2.50000
2904	436.109	-65.3827	-2.50000
2905	436.109	-65.3827	-2.50000
2906	437.115	-61.8844	-2.50000
2907	436.117	-60.8827	-2.50000
2908	485.494	-61.1554	-2.50000
2909	484.464	-60.1864	-2.50000
2910	485.601	-64.6538	-2.50000
2911	484.571	-63.6847	-2.50000
2912	485.708	-68.1521	-2.50000
2913	484.678	-67.1831	-2.50000
2914	533.825	-58.8673	-2.50000
2915	532.765	-57.9320	-2.50000
2916	534.045	-62.3604	-2.50000
2917	532.984	-61.4251	-2.50000
2918	534.264	-65.8535	-2.50000
2919	533.204	-64.9182	-2.50000
2920	582.068	-55.0217	-2.50000
2921	580.980	-54.1186	-2.50000
2922	582.392	-58.5077	-2.50000
2923	581.304	-57.6046	-2.50000
2924	582.716	-61.9937	-2.50000
2925	581.628	-61.0906	-2.50000
2926	615.477	-51.4380	-2.50000
2927	614.364	-50.5647	-2.50000
2928	615.897	-54.9127	-2.50000
2929	614.784	-54.0394	-2.50000
2930	616.317	-58.3874	-2.50000
2931	615.204	-57.5141	-2.50000
2932	306.269	-63.0597	-2.50000
2933	305.362	-61.9747	-2.50000
2934	306.579	-59.5734	-2.50000
2935	305.672	-58.4884	-2.50000
2936	306.889	-56.0871	-2.50000
2937	305.982	-55.0021	-2.50000
2938	339.948	-65.6486	-2.50000
2939	339.016	-64.5847	-2.50000
2940	340.179	-62.1563	-2.50000
2941	339.248	-61.0923	-2.50000
2942	340.411	-58.6640	-2.50000
2943	339.479	-57.6000	-2.50000
2944	388.499	-68.0496	-2.50000
2945	387.534	-67.0162	-2.50000
2946	388.618	-64.5516	-2.50000
2947	387.653	-63.5182	-2.50000
2948	388.737	-61.0536	-2.50000
2949	387.771	-60.0203	-2.50000
2950	305.494	-60.4805	0.277556E-16
2951	306.579	-59.5729	0.390446E-13
2952	310.294	-60.8991	0.277556E-16
2953	311.376	-59.9880	-0.724483E-14
2954	315.094	-61.3023	0.277556E-16
2955	316.173	-60.3878	-0.928566E-13
2956	319.896	-61.6902	0.277556E-16
2957	320.972	-60.7722	0.224567E-13
2958	324.699	-62.0627	0.277556E-16
2959	325.772	-61.1413	0.277556E-16
2960	329.504	-62.4198	0.277556E-16
2961	330.574	-61.4950	-0.324432E-13
2962	334.309	-62.7616	0.277556E-16
2963	335.376	-61.8333	-0.399272E-13
2964	339.115	-63.0880	0.277556E-16
2965	340.179	-62.1563	0.989797E-14
2966	343.959	-63.4011	0.277556E-16
2967	345.019	-62.4660	0.147837E-13
2968	348.803	-63.6987	0.277556E-16
2969	349.861	-62.7602	-0.630785E-13
2970	353.648	-63.9807	0.277556E-16
2971	354.703	-63.0388	-0.813641E-13
2972	358.494	-64.2471	0.277556E-16
2973	359.545	-63.3018	0.620901E-13
2974	363.340	-64.4978	0.277556E-16
2975	364.389	-63.5491	-0.471414E-13
2976	368.188	-64.7329	0.277556E-16
2977	369.234	-63.7809	-0.110872E-12
2978	373.036	-64.9524	0.277556E-16
2979	374.079	-63.9970	0.565072E-13
2980	377.885	-65.1563	0.277556E-16
2981	378.925	-64.1975	-0.412704E-13
2982	382.735	-65.3445	0.277556E-16
2983	383.771	-64.3824	0.610579E-13
2984	387.585	-65.5171	0.277556E-16
2985	388.618	-64.5516	-0.991195E-13
2986	392.435	-65.6740	0.277556E-16

2987	393.466	-64.7052	-0.406318E-13
2988	397.287	-65.8154	0.277556E-16
2989	398.314	-64.8432	-0.106971E-12
2990	402.138	-65.9410	0.277556E-16
2991	403.162	-64.9656	-0.967166E-13
2992	406.990	-66.0511	0.277556E-16
2993	408.011	-65.0723	0.481620E-14
2994	411.842	-66.1454	0.277556E-16
2995	412.860	-65.1634	-0.555393E-13
2996	416.695	-66.2242	0.277556E-16
2997	417.710	-65.2389	-0.534870E-13
2998	421.548	-66.2873	0.277556E-16
2999	422.559	-65.2987	0.837015E-15
3000	426.401	-66.3347	0.277556E-16
3001	427.409	-65.3429	0.211646E-14
3002	431.254	-66.3665	0.277556E-16
3003	432.259	-65.3715	0.979810E-16
3004	436.107	-66.3827	0.277556E-16
3005	437.109	-65.3844	-0.170112E-12
3006	440.960	-66.3832	0.277556E-16
3007	441.959	-65.3817	-0.113894E-12
3008	445.814	-66.3681	0.277556E-16
3009	446.809	-65.3634	-0.579577E-13
3010	450.667	-66.3373	0.277556E-16
3011	451.659	-65.3294	-0.121560E-14
3012	455.520	-66.2909	0.277556E-16
3013	456.508	-65.2798	-0.766469E-15
3014	460.372	-66.2288	0.277556E-16
3015	461.358	-65.2145	-0.508864E-14
3016	465.225	-66.1511	0.277556E-16
3017	466.207	-65.1336	-0.630685E-13
3018	470.077	-66.0577	0.277556E-16
3019	471.056	-65.0371	-0.639138E-13
3020	474.929	-65.9487	0.277556E-16
3021	475.905	-64.9250	0.558285E-13
3022	479.781	-65.8241	0.277556E-16
3023	480.753	-64.7972	-0.120211E-12
3024	484.632	-65.6838	0.277556E-16
3025	485.601	-64.6538	0.529417E-13
3026	489.483	-65.5279	0.277556E-16
3027	490.449	-64.4947	-0.130375E-12
3028	494.333	-65.3563	0.277556E-16
3029	495.295	-64.3201	-0.667565E-13
3030	499.183	-65.1691	0.277556E-16
3031	500.142	-64.1298	-0.653352E-13
3032	504.032	-64.9663	0.277556E-16
3033	504.987	-63.9238	-0.891588E-14
3034	508.880	-64.7478	0.277556E-16
3035	509.832	-63.7023	-0.124468E-12
3036	513.728	-64.5138	0.277556E-16
3037	514.677	-63.4652	-0.988890E-14
3038	518.574	-64.2640	0.277556E-16
3039	519.520	-63.2124	0.117325E-12
3040	523.420	-63.9987	0.277556E-16
3041	524.362	-62.9440	-0.183684E-13
3042	528.265	-63.7177	0.277556E-16
3043	529.204	-62.6600	-0.758238E-14
3044	533.110	-63.4211	0.277556E-16
3045	534.045	-62.3604	-0.275920E-12
3046	537.953	-63.1089	0.277556E-16
3047	538.885	-62.0452	0.919157E-13
3048	542.795	-62.7811	0.277556E-16
3049	543.723	-61.7144	0.126709E-12
3050	547.636	-62.4377	0.277556E-16
3051	548.561	-61.3680	-0.122617E-12
3052	552.476	-62.0787	0.277556E-16
3053	553.397	-61.0060	-0.150928E-12
3054	557.315	-61.7041	0.277556E-16
3055	558.233	-60.6284	-0.135702E-12
3056	562.152	-61.3138	0.277556E-16
3057	563.067	-60.2352	0.230715E-12
3058	566.988	-60.9080	0.277556E-16
3059	567.899	-59.8264	-0.235890E-13
3060	571.823	-60.4866	0.277556E-16
3061	572.731	-59.4021	0.222112E-12
3062	576.657	-60.0496	0.277556E-16
3063	577.561	-58.9622	-0.631381E-13
3064	581.491	-59.5958	0.277556E-16
3065	582.392	-58.5055	0.235138E-12
3066	586.285	-59.1451	0.277556E-16
3067	587.182	-58.0519	-0.124258E-12
3068	591.079	-58.6737	0.277556E-16
3069	591.973	-57.5776	-0.138249E-12
3070	595.872	-58.1828	0.277556E-16
3071	596.762	-57.0839	-0.151615E-12
3072	600.662	-57.6726	0.277556E-16
3073	601.549	-56.5708	-0.122041E-13
3074	605.451	-57.1429	0.277556E-16
3075	606.334	-56.0383	0.972731E-13
3076	610.237	-56.5938	0.277556E-16
3077	611.117	-55.4863	0.789672E-13
3078	615.021	-56.0253	0.277556E-16
3079	615.897	-54.9151	-0.340954E-13
3080	437.103	-68.8844	-2.50000
3081	436.105	-67.8827	-2.50000
3082	437.109	-65.3844	-2.50000
3083	436.111	-64.3827	-2.50000

TOTAL NUMBER OF NODES	=	3082
LARGEST NODE NUMBER	=	3083
DATA STORAGE LOCATIONS USED	=	21574

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										
1	1ST NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733				
		ASY =1.811	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733				
		ASY =1.811	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 = 0.1342	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										
21	1ST NODE	AREA =4.166	IYY =4.487	IZZ =6.819	KT =0.2713E-01	ASZ =2.172				
		ASY =2.389	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =4.166	IYY =4.487	IZZ =6.819	KT =0.2713E-01	ASZ =2.172				
		ASY =2.389	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 = 0.5114	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										
2	1ST NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734				
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734				
		ASY =1.915	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 = 0.1517	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										
22	1ST NODE	AREA =4.532	IYY =5.482	IZZ =6.993	KT =0.2768E-01	ASZ =2.175				
		ASY =2.673	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =4.532	IYY =5.482	IZZ =6.993	KT =0.2768E-01	ASZ =2.175				
		ASY =2.673	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 = 0.4847	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

3	1ST NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	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 = 0.1555	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

23	1ST NODE	AREA =4.615	IYY =5.551	IZZ =6.983	KT =0.2771E-01	ASZ =2.250
		ASY =2.674	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =4.615	IYY =5.551	IZZ =6.983	KT =0.2771E-01	ASZ =2.250
		ASY =2.674	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 = 0.4792	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

4	1ST NODE	AREA =1.342	IYY =1.755	IZZ =1.200	KT =0.2728E-01	ASZ =1.789
		ASY =1.992	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =1.342	IYY =1.755	IZZ =1.200	KT =0.2728E-01	ASZ =1.789
		ASY =1.992	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 = 0.3716	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

24	1ST NODE	AREA =3.690	IYY =4.827	IZZ =3.301	KT =0.2837E-01	ASZ =2.327
		ASY =2.886	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =3.690	IYY =4.827	IZZ =3.301	KT =0.2837E-01	ASZ =2.327
		ASY =2.886	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 = 0.6168	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

5	1ST NODE	AREA =2.731	IYY =2.430	IZZ =5.905	KT =0.2700E-01	ASZ =1.733
		ASY =1.891	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.731	IYY =2.430	IZZ =5.905	KT =0.2700E-01	ASZ =1.733
		ASY =1.891	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 = 0.1478 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
 25 1ST NODE AREA =4.447 IYY =5.449 IZZ =7.104 KT =0.2760E-01 ASZ =2.174
 ASY =2.608 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =4.447 IYY =5.449 IZZ =7.104 KT =0.2760E-01 ASZ =2.174
 ASY =2.608 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 = 0.4905 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
 6 1ST NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
 ASY =1.915 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
 ASY =1.915 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 = 0.1555 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
 26 1ST NODE AREA =4.615 IYY =5.551 IZZ =6.983 KT =0.2771E-01 ASZ =2.250
 ASY =2.674 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =4.615 IYY =5.551 IZZ =6.983 KT =0.2771E-01 ASZ =2.250
 ASY =2.674 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 = 0.4792 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

e1_soletta_code (soletta_code (RSS D=0.3 B=1.7))
 PROPERTY

BMI21 ELEMENTS
 7 1ST NODE AREA =0.5100 IYY =0.3825E-02 IZZ =0.1228 KT =0.1360E-01 ASZ =0.4253
 ASY =0.4250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =0.5100 IYY =0.3825E-02 IZZ =0.1228 KT =0.1360E-01 ASZ =0.4253
 ASY =0.4250 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

e1_soletta_estremi_chiusura (soletta_estremi (RSS D=0.3 B=0.1))
 PROPERTY

BMI21 ELEMENTS
 8 1ST NODE AREA =0.3000E-01 IYY =0.2250E-03 IZZ =0.2500E-04 KT =0.7900E-04 ASZ =0.2500E-01
 ASY =0.2501E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

2ND NODE	AREA	=0.3000E-01	IYY	=0.2250E-03	IZZ	=0.2500E-04	KT	=0.7900E-04	ASZ	=0.2500E-01
	ASY	=0.2501E-01	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

el_soletta_tipo (soletta_tipo (RSS D=0.3 B=2.4125))
PROPERTY

BMI21 ELEMENTS											
9	1ST NODE	AREA	=0.7238	IYY	=0.5428E-02	IZZ	=0.3510	KT	=0.2001E-01	ASZ	=0.6036
		ASY	=0.6031	EZ	=0.0000E+00	EY	=0.0000E+00	IYZ	=0.0000E+00		
	2ND NODE	AREA	=0.7238	IYY	=0.5428E-02	IZZ	=0.3510	KT	=0.2001E-01	ASZ	=0.6036
		ASY	=0.6031	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

tr_spina (Sct3 (I D=0.5 B=0.2 tf=0.02 tw=0.015 r=0))
PROPERTY

BMI21 ELEMENTS											
10	1ST NODE	AREA	=0.1490E-01	IYY	=0.5827E-03	IZZ	=0.2680E-04	KT	=0.1567E-05	ASZ	=0.7035E-02
		ASY	=0.6845E-02	EZ	=0.2500	EY	=0.0000E+00	IYZ	=0.0000E+00		
	2ND NODE	AREA	=0.1490E-01	IYY	=0.5827E-03	IZZ	=0.2680E-04	KT	=0.1567E-05	ASZ	=0.7035E-02
		ASY	=0.6845E-02	EZ	=0.2500	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_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	=0.0000E+00	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	=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

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	=0.0000E+00	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	=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											
13	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

joints
PROPERTY

JSH4 ELEMENTS			
14	ECCENTRICITY =	0.0000E+00	
	DATA STORAGE LOCATIONS USED	=	1616

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	0	0	21	1
2	0	0	10	18
3	4	1	21	1
5	0	0	10	18
6	7	1	21	1
8	0	0	10	18
9	10	1	21	1
11	0	0	10	18
12	0	0	21	1
13	0	0	25	11
14	0	0	10	18
15	16	1	25	11
17	0	0	10	18
18	19	1	25	11
20	0	0	10	18
21	22	1	25	11
23	0	0	10	18
24	25	1	25	11
26	0	0	10	18
27	0	0	25	11
28	0	0	26	13
29	0	0	10	18
30	31	1	26	13
32	0	0	10	18
33	34	1	26	13
35	0	0	10	18
36	37	1	26	13
38	0	0	10	18
39	40	1	26	13
41	0	0	10	18
42	0	0	26	13
43	0	0	24	10
44	0	0	10	18
45	46	1	24	10
47	0	0	10	18
48	49	1	24	10
50	0	0	10	18
51	52	1	24	10
53	0	0	10	18
54	55	1	24	10
56	0	0	10	18
57	58	1	24	10
59	0	0	10	18
60	0	0	24	10
61	0	0	23	7
62	0	0	10	18
63	64	1	23	7
65	0	0	10	18
66	67	1	23	7
68	0	0	10	18
69	70	1	23	7
71	0	0	10	18
72	73	1	23	7
74	0	0	10	18
75	76	1	23	7
77	0	0	10	18
78	0	0	23	7
79	0	0	22	3
80	0	0	10	18
81	82	1	22	3
83	0	0	10	18
84	85	1	22	3
86	0	0	10	18
87	88	1	22	3
89	0	0	10	18
90	91	1	22	3
92	0	0	10	18
93	94	1	22	3
95	0	0	10	18
96	0	0	22	3
97	0	0	23	7
98	0	0	10	18
99	100	1	23	7
101	0	0	10	18
102	103	1	23	7
104	0	0	10	18
105	106	1	23	7
107	0	0	10	18
108	109	1	23	7
110	0	0	10	18
111	112	1	23	7
113	0	0	10	18
114	0	0	23	7
115	0	0	24	10
116	0	0	10	18
117	118	1	24	10
119	0	0	10	18
120	121	1	24	10
122	0	0	10	18
123	124	1	24	10
125	0	0	10	18
126	127	1	24	10
128	0	0	10	18
129	130	1	24	10
131	0	0	10	18
132	0	0	24	10
133	0	0	23	7
134	0	0	10	18
135	136	1	23	7
137	0	0	10	18
138	139	1	23	7

140	0	0	10	18
141	142	1	23	7
143	0	0	10	18
144	145	1	23	7
146	0	0	10	18
147	148	1	23	7
149	0	0	10	18
150	0	0	23	7
151	0	0	22	3
152	0	0	10	18
153	154	1	22	3
155	0	0	10	18
156	157	1	22	3
158	0	0	10	18
159	160	1	22	3
161	0	0	10	18
162	163	1	22	3
164	0	0	10	18
165	166	1	22	3
167	0	0	10	18
168	169	1	22	3
170	0	0	10	18
171	172	1	22	3
173	0	0	10	18
174	0	0	22	3
175	0	0	23	7
176	0	0	10	18
177	178	1	23	7
179	0	0	10	18
180	181	1	23	7
182	0	0	10	18
183	184	1	23	7
185	0	0	10	18
186	187	1	23	7
188	0	0	10	18
189	190	1	23	7
191	0	0	10	18
192	0	0	23	7
193	0	0	24	10
194	0	0	10	18
195	196	1	24	10
197	0	0	10	18
198	199	1	24	10
200	0	0	10	18
201	202	1	24	10
203	0	0	10	18
204	205	1	24	10
206	0	0	10	18
207	208	1	24	10
209	0	0	10	18
210	0	0	24	10
211	0	0	23	7
212	0	0	10	18
213	214	1	23	7
215	0	0	10	18
216	217	1	23	7
218	0	0	10	18
219	220	1	23	7
221	0	0	10	18
222	223	1	23	7
224	0	0	10	18
225	226	1	23	7
227	0	0	10	18
228	0	0	23	7
229	0	0	22	3
230	0	0	10	18
231	232	1	22	3
233	0	0	10	18
234	235	1	22	3
236	0	0	10	18
237	238	1	22	3
239	0	0	10	18
240	241	1	22	3
242	0	0	10	18
243	244	1	22	3
245	0	0	10	18
246	0	0	22	3
247	0	0	23	7
248	0	0	10	18
249	250	1	23	7
251	0	0	10	18
252	253	1	23	7
254	0	0	10	18
255	256	1	23	7
257	0	0	10	18
258	259	1	23	7
260	0	0	10	18
261	262	1	23	7
263	0	0	10	18
264	0	0	23	7
265	0	0	24	10
266	0	0	10	18
267	268	1	24	10
269	0	0	10	18
270	271	1	24	10
272	0	0	10	18
273	274	1	24	10
275	0	0	10	18
276	277	1	24	10
278	0	0	10	18
279	280	1	24	10
281	0	0	10	18
282	0	0	24	10
283	0	0	23	7
284	0	0	10	18

285	286	1	23	7
287	0	0	10	18
288	289	1	23	7
290	0	0	10	18
291	292	1	23	7
293	0	0	10	18
294	295	1	23	7
296	0	0	10	18
297	298	1	23	7
299	0	0	10	18
300	0	0	23	7
301	0	0	22	3
302	0	0	10	18
303	304	1	22	3
305	0	0	10	18
306	307	1	22	3
308	0	0	10	18
309	310	1	22	3
311	0	0	10	18
312	313	1	22	3
314	0	0	10	18
315	316	1	22	3
317	0	0	10	18
318	0	0	22	3
319	0	0	23	7
320	0	0	10	18
321	322	1	23	7
323	0	0	10	18
324	325	1	23	7
326	0	0	10	18
327	328	1	23	7
329	0	0	10	18
330	331	1	23	7
332	0	0	10	18
333	334	1	23	7
335	0	0	10	18
336	0	0	23	7
337	0	0	24	10
338	0	0	10	18
339	340	1	24	10
341	0	0	10	18
342	343	1	24	10
344	0	0	10	18
345	346	1	24	10
347	0	0	10	18
348	349	1	24	10
350	0	0	10	18
351	352	1	24	10
353	0	0	10	18
354	0	0	24	10
355	0	0	23	7
356	0	0	10	18
357	358	1	23	7
359	0	0	10	18
360	361	1	23	7
362	0	0	10	18
363	364	1	23	7
365	0	0	10	18
366	367	1	23	7
368	0	0	10	18
369	370	1	23	7
371	0	0	10	18
372	0	0	23	7
373	0	0	22	3
374	0	0	10	18
375	376	1	22	3
377	0	0	10	18
378	379	1	22	3
380	0	0	10	18
381	382	1	22	3
383	0	0	10	18
384	385	1	22	3
386	0	0	10	18
387	388	1	22	3
389	0	0	10	18
390	0	0	22	3
391	0	0	23	7
392	0	0	10	18
393	394	1	23	7
395	0	0	10	18
396	397	1	23	7
398	0	0	10	18
399	400	1	23	7
401	0	0	10	18
402	403	1	23	7
404	0	0	10	18
405	406	1	23	7
407	0	0	10	18
408	0	0	23	7
409	0	0	24	10
410	0	0	10	18
411	412	1	24	10
413	0	0	10	18
414	415	1	24	10
416	0	0	10	18
417	418	1	24	10
419	0	0	10	18
420	421	1	24	10
422	0	0	10	18
423	424	1	24	10
425	0	0	10	18
426	0	0	24	10
427	0	0	26	13
428	0	0	10	18
429	430	1	26	13

431	0	0	10	18
432	433	1	26	13
434	0	0	10	18
435	436	1	26	13
437	0	0	10	18
438	439	1	26	13
440	0	0	10	18
441	0	0	26	13
442	0	0	25	11
443	0	0	10	18
444	445	1	25	11
446	0	0	10	18
447	448	1	25	11
449	0	0	10	18
450	451	1	25	11
452	0	0	10	18
453	454	1	25	11
455	0	0	10	18
456	457	1	25	11
458	0	0	10	18
459	0	0	25	11
460	0	0	21	1
461	0	0	10	18
462	463	1	21	1
464	0	0	10	18
465	466	1	21	1
467	0	0	10	18
468	469	1	21	1
470	0	0	10	18
471	0	0	21	1
472	487	1	9	17
488	0	0	13	32
489	490	1	9	17
491	0	0	13	32
492	609	1	9	17
610	0	0	13	32
611	612	1	9	17
613	0	0	13	32
614	731	1	9	17
732	0	0	13	32
733	734	1	9	17
735	0	0	13	32
736	853	1	9	17
854	0	0	13	32
855	856	1	9	17
857	0	0	13	32
858	975	1	9	17
976	0	0	13	32
977	978	1	9	17
979	0	0	13	32
980	1059	1	9	17
1060	1061	1	7	15
1062	0	0	13	32
1063	0	0	7	15
1064	1065	1	8	16
1066	0	0	7	15
1067	0	0	8	16
1068	0	0	13	32
1069	1070	1	7	15
1071	1073	1	8	16
1074	1075	1	11	27
1076	1087	1	12	28
1088	1089	1	11	27
1090	1107	1	12	28
1108	1109	1	11	27
1110	1127	1	12	28
1128	1129	1	11	27
1130	1147	1	12	28
1148	1149	1	11	27
1150	1167	1	12	28
1168	1169	1	11	27
1170	1187	1	12	28
1188	1189	1	11	27
1190	1201	1	12	28
1202	1203	1	11	27
1204	1398	1	13	32
1399	1401	1	8	16
1402	0	0	7	15
1403	0	0	8	16
1404	0	0	7	15
1405	0	0	13	32
1406	0	0	8	16
1407	0	0	7	15
1408	0	0	8	16
1409	0	0	7	15
1410	0	0	13	32
1411	1412	1	7	15
1413	1492	1	9	17
1493	0	0	13	32
1494	1495	1	9	17
1496	0	0	13	32
1497	1598	1	9	17
1599	1687	1	14	4

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 404
TOTAL NUMBER OF ELEMENTS = 1687
LARGEST ELEMENT NUMBER = 1687
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 26

DATA STORAGE LOCATIONS USED = 5061

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

MATERIAL

svincoli_spina
4 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 0.0000E+00 KTY = 0.0000E+00 KTZ =
0.0000E+00

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

MATERIAL

Incastro
5 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
6 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
7 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 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_massa (elastic)
1 E = 0.2100E+12 NU = 0.3000 RHO = 7850. 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)
2 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
14 E = 0.1213E+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
8 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)
 13 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)
 3 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 = 466

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	0	0	14	0	0	0	0	13	0	0
0	0	2	0	0	1	0	0	0	0	8	0	0
0	0	3	0	4	14	0	0	0	0	13	0	0
0	0	5	0	0	1	0	0	0	0	8	0	0
0	0	6	0	7	14	0	0	0	0	13	0	0
0	0	8	0	0	1	0	0	0	0	8	0	0
0	0	9	0	10	14	0	0	0	0	13	0	0
0	0	11	0	0	1	0	0	0	0	8	0	0
0	0	12	0	13	14	0	0	0	0	13	0	0
0	0	14	0	0	1	0	0	0	0	8	0	0
0	0	15	0	16	14	0	0	0	0	13	0	0
0	0	17	0	0	1	0	0	0	0	8	0	0
0	0	18	0	19	14	0	0	0	0	13	0	0
0	0	20	0	0	1	0	0	0	0	8	0	0
0	0	21	0	22	14	0	0	0	0	13	0	0
0	0	23	0	0	1	0	0	0	0	8	0	0
0	0	24	0	25	14	0	0	0	0	13	0	0
0	0	26	0	0	1	0	0	0	0	8	0	0
0	0	27	0	28	14	0	0	0	0	13	0	0
0	0	29	0	0	1	0	0	0	0	8	0	0
0	0	30	0	31	14	0	0	0	0	13	0	0
0	0	32	0	0	1	0	0	0	0	8	0	0
0	0	33	0	34	14	0	0	0	0	13	0	0
0	0	35	0	0	1	0	0	0	0	8	0	0
0	0	36	0	37	14	0	0	0	0	13	0	0
0	0	38	0	0	1	0	0	0	0	8	0	0
0	0	39	0	40	14	0	0	0	0	13	0	0
0	0	41	0	0	1	0	0	0	0	8	0	0
0	0	42	0	43	14	0	0	0	0	13	0	0
0	0	44	0	0	1	0	0	0	0	8	0	0
0	0	45	0	46	14	0	0	0	0	13	0	0
0	0	47	0	0	1	0	0	0	0	8	0	0
0	0	48	0	49	14	0	0	0	0	13	0	0

0	0	440	0	0	1	0	0	0	0	8	0	0
0	0	441	0	442	1	14	0	0	0	13	0	0
0	0	443	0	0	0	1	0	0	0	8	0	0
0	0	444	0	445	1	14	0	0	0	13	0	0
0	0	446	0	0	0	1	0	0	0	8	0	0
0	0	447	0	448	1	14	0	0	0	13	0	0
0	0	449	0	0	0	1	0	0	0	8	0	0
0	0	450	0	451	1	14	0	0	0	13	0	0
0	0	452	0	0	0	1	0	0	0	8	0	0
0	0	453	0	454	1	14	0	0	0	13	0	0
0	0	455	0	0	0	1	0	0	0	8	0	0
0	0	456	0	457	1	14	0	0	0	13	0	0
0	0	458	0	0	0	1	0	0	0	8	0	0
0	0	459	0	460	1	14	0	0	0	13	0	0
0	0	461	0	0	0	1	0	0	0	8	0	0
0	0	462	0	463	1	14	0	0	0	13	0	0
0	0	464	0	0	0	1	0	0	0	8	0	0
0	0	465	0	466	1	14	0	0	0	13	0	0
0	0	467	0	0	0	1	0	0	0	8	0	0
0	0	468	0	469	1	14	0	0	0	13	0	0
0	0	470	0	0	0	1	0	0	0	8	0	0
0	0	471	0	0	0	14	0	0	0	13	0	0
0	0	472	0	487	1	13	0	0	0	26	0	0
0	0	488	0	0	0	2	0	0	0	12	0	0
0	0	489	0	490	1	13	0	0	0	26	0	0
0	0	491	0	0	0	2	0	0	0	12	0	0
0	0	492	0	609	1	13	0	0	0	26	0	0
0	0	610	0	0	0	2	0	0	0	12	0	0
0	0	611	0	612	1	13	0	0	0	26	0	0
0	0	613	0	0	0	2	0	0	0	12	0	0
0	0	614	0	731	1	13	0	0	0	26	0	0
0	0	732	0	0	0	2	0	0	0	12	0	0
0	0	733	0	734	1	13	0	0	0	26	0	0
0	0	735	0	0	0	2	0	0	0	12	0	0
0	0	736	0	853	1	13	0	0	0	26	0	0
0	0	854	0	0	0	2	0	0	0	12	0	0
0	0	855	0	856	1	13	0	0	0	26	0	0
0	0	857	0	0	0	2	0	0	0	12	0	0
0	0	858	0	975	1	13	0	0	0	26	0	0
0	0	976	0	0	0	2	0	0	0	12	0	0
0	0	977	0	978	1	13	0	0	0	26	0	0
0	0	979	0	0	0	2	0	0	0	12	0	0
0	0	980	0	1061	1	13	0	0	0	26	0	0
0	0	1062	0	0	0	2	0	0	0	12	0	0
0	0	1063	0	1067	1	13	0	0	0	26	0	0
0	0	1068	0	0	0	2	0	0	0	12	0	0
0	0	1069	0	1073	1	13	0	0	0	26	0	0
0	0	1074	0	1203	1	1	0	0	0	8	0	0
0	0	1204	0	1398	1	2	0	0	0	12	0	0
0	0	1399	0	1404	1	13	0	0	0	26	0	0
0	0	1405	0	0	0	2	0	0	0	12	0	0
0	0	1406	0	1409	1	13	0	0	0	26	0	0

0	0	1410	0	0	2	0	0	0	0	12	0	0
0	0	1411	1492	1	13	0	0	0	0	26	0	0
0	0	1493	0	0	2	0	0	0	0	12	0	0
0	0	1494	1495	1	13	0	0	0	0	26	0	0
0	0	1496	0	0	2	0	0	0	0	12	0	0
0	0	1497	1598	1	13	0	0	0	0	26	0	0
0	0	1599	1600	1	6	0	0	0	0	10	0	0
0	0	1601	0	0	5	0	0	0	0	7	0	0
0	0	1602	1603	1	6	0	0	0	0	10	0	0
0	0	1604	0	0	5	0	0	0	0	7	0	0
0	0	1605	1606	1	6	0	0	0	0	10	0	0
0	0	1607	0	0	5	0	0	0	0	7	0	0
0	0	1608	0	0	6	0	0	0	0	10	0	0
0	0	1609	0	0	7	0	0	0	0	20	0	0
0	0	1610	0	0	5	0	0	0	0	7	0	0
0	0	1611	1612	1	7	0	0	0	0	20	0	0
0	0	1613	0	0	5	0	0	0	0	7	0	0
0	0	1614	0	0	7	0	0	0	0	20	0	0
0	0	1615	0	0	6	0	0	0	0	10	0	0
0	0	1616	0	0	5	0	0	0	0	7	0	0
0	0	1617	1618	1	6	0	0	0	0	10	0	0
0	0	1619	0	0	5	0	0	0	0	7	0	0
0	0	1620	0	0	6	0	0	0	0	10	0	0
0	0	1621	1685	1	4	0	0	0	0	3	0	0
0	0	1686	0	0	6	0	0	0	0	10	0	0
0	0	1687	0	0	5	0	0	0	0	7	0	0

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 371

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
2891	0	0	THX	1.00000
2892	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
2891	0	0	THY	1.00000
2892	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
2891	0	0	THZ	1.00000
2892	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
2892	0	0	THX	-1.00000
2894	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
2892	0	0	THY	-1.00000
2894	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
2892	0	0	THZ	-1.00000
2894	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
2891	0	0	U	0.286839
2892	0	0	U	-0.286839
2892	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2891	0	0	V	1.00000
2892	0	0	V	-1.00000
2892	0	0	THZ	0.309688

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	U	-0.286839
2892	0	0	THZ	1.00000
2894	0	0	U	0.286839

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	V	-1.00000
2892	0	0	THZ	-0.309688
2894	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2891	0	0	W	0.286839
2892	0	0	W	-0.286839
2892	0	0	THX	1.00000
2892	0	0	THY	-0.888306E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	W	-0.286839
2892	0	0	THX	-1.00000
2892	0	0	THY	0.888306E-01
2894	0	0	W	0.286839

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	THX	1.00000
2896	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
2895	0	0	THY	1.00000
2896	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
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2895 0 0 THZ 1.00000
2896 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
2896	0	0	THX	-1.00000
2898	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
2896	0	0	THY	-1.00000
2898	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
2896	0	0	THZ	-1.00000
2898	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
2895	0	0	U	0.286342
2896	0	0	U	-0.286342
2896	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	V	1.00000
2896	0	0	V	-1.00000
2896	0	0	THZ	0.231536

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	U	-0.286342
2896	0	0	THZ	1.00000
2898	0	0	U	0.286342

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	V	-1.00000
2896	0	0	THZ	-0.231536
2898	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	W	0.286342
2896	0	0	W	-0.286342
2896	0	0	THX	1.00000
2896	0	0	THY	-0.662983E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	W	-0.286342
2896	0	0	THX	-1.00000
2896	0	0	THY	0.662983E-01
2898	0	0	W	0.286342

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THX	1.00000
2900	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THY	1.00000
2900	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THZ	1.00000
2900	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THX	-1.00000
2902	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THY	-1.00000
2902	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THZ	-1.00000
2902	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	U	0.285879
2900	0	0	U	-0.285879
2900	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	V	1.00000
2900	0	0	V	-1.00000
2900	0	0	THZ	0.118827

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	U	-0.285879
2900	0	0	THZ	1.00000
2902	0	0	U	0.285879

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	V	-1.00000
2900	0	0	THZ	-0.118827
2902	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	W	0.285879
2900	0	0	W	-0.285879
2900	0	0	THX	1.00000
2900	0	0	THY	-0.339703E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	W	-0.285879
2900	0	0	THX	-1.00000
2900	0	0	THY	0.339703E-01
2902	0	0	W	0.285879

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	U	0.285715
2905	0	0	U	-0.285715
2905	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	V	1.00000
2905	0	0	V	-1.00000
2905	0	0	THZ	-0.601290E-02

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	U	0.285715
2905	0	0	U	-0.285715
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	V	1.00000
2905	0	0	V	-1.00000
2905	0	0	THZ	0.601290E-02

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	W	0.285715
2905	0	0	W	-0.285715
2905	0	0	THX	-1.00000
2905	0	0	THY	0.171797E-02

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	W	0.285715
2905	0	0	W	-0.285715
2905	0	0	THX	1.00000
2905	0	0	THY	-0.171797E-02

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THX	1.00000
2877	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THY	1.00000
2877	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THZ	1.00000
2877	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THX	-1.00000
2878	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THY	-1.00000
2878	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THZ	-1.00000
2878	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	U	0.285847
2877	0	0	U	-0.285847
2877	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	V	1.00000
2877	0	0	V	-1.00000
2877	0	0	THZ	0.106808

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	U	-0.285847
2877	0	0	THZ	-1.00000
2878	0	0	U	0.285847

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	V	-1.00000
2877	0	0	THZ	-0.106808
2878	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	W	0.285847
2877	0	0	W	-0.285847
2877	0	0	THX	-1.00000
2877	0	0	THY	-0.305307E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	W	-0.285847
2877	0	0	THX	1.00000
2877	0	0	THY	0.305307E-01
2878	0	0	W	0.285847

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THX	1.00000
2881	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THY	1.00000
2881	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THZ	1.00000
2881	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	THX	-1.00000
2882	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	THY	-1.00000
2882	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	THZ	-1.00000
2882	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	U	0.286278
2881	0	0	U	-0.286278
2881	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	V	1.00000
2881	0	0	V	-1.00000
2881	0	0	THZ	0.219518

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	U	-0.286278
2881	0	0	THZ	-1.00000
2882	0	0	U	0.286278

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	V	-1.00000
2881	0	0	THZ	-0.219518
2882	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	W	0.286278
2881	0	0	W	-0.286278
2881	0	0	THX	-1.00000
2881	0	0	THY	-0.628430E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	W	-0.286278
2881	0	0	THX	1.00000
2881	0	0	THY	0.628430E-01
2882	0	0	W	0.286278

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THX	1.00000
2884	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THY	1.00000
2884	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THZ	1.00000
2884	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THX	-1.00000
2886	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THY	-1.00000
2886	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THZ	-1.00000
2886	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	U	0.286863
2884	0	0	U	-0.286863
2884	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	V	1.00000
2884	0	0	V	-1.00000
2884	0	0	THZ	0.324168

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	U	-0.286863
2884	0	0	THZ	-1.00000
2886	0	0	U	0.286863

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	V	-1.00000
2884	0	0	THZ	-0.324168
2886	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	W	0.286863
2884	0	0	W	-0.286863
2884	0	0	THX	-1.00000
2884	0	0	THY	-0.929918E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	W	-0.286863
2884	0	0	THX	1.00000
2884	0	0	THY	0.929918E-01
2886	0	0	W	0.286863

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THX	1.00000
2889	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THY	1.00000
2889	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THZ	1.00000
2889	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THX	-1.00000
2890	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THY	-1.00000
2890	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THZ	-1.00000
2890	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	U	0.287794
2889	0	0	U	-0.287794
2889	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	V	1.00000
2889	0	0	V	-1.00000
2889	0	0	THZ	0.420058

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	U	-0.287794
2889	0	0	THZ	-1.00000
2890	0	0	U	0.287794

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	V	-1.00000
2889	0	0	THZ	-0.420058
2890	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	W	0.287794
2889	0	0	W	-0.287794
2889	0	0	THX	-1.00000
2889	0	0	THY	-0.120890

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	W	-0.287794
2889	0	0	THX	1.00000
2889	0	0	THY	0.120890
2890	0	0	W	0.287794

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 96
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
 LARGEST NODE NUMBER ENCOUNTERED = 2905
 DATA STORAGE LOCATIONS USED = 899

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	CONDITION	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT
2876	2880	4	R 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
2885	2888	3	R 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
2893	2901	4	R 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
2904	0	0	R 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 = 8
 LARGEST NODE NUMBER = 2904

2753	0	0	0.00000E+00	0.00000E+00	-8453.3	0.00000E+00	0.00000E+00	0.00000E+00
2760	0	0	0.00000E+00	0.00000E+00	-8487.8	0.00000E+00	0.00000E+00	0.00000E+00
2761	0	0	0.00000E+00	0.00000E+00	-25376.	0.00000E+00	0.00000E+00	0.00000E+00
2762	0	0	0.00000E+00	0.00000E+00	-24688.	0.00000E+00	0.00000E+00	0.00000E+00
2763	0	0	0.00000E+00	0.00000E+00	-8421.2	0.00000E+00	0.00000E+00	0.00000E+00
2770	0	0	0.00000E+00	0.00000E+00	-8520.1	0.00000E+00	0.00000E+00	0.00000E+00
2771	0	0	0.00000E+00	0.00000E+00	-24023.	0.00000E+00	0.00000E+00	0.00000E+00
2772	0	0	0.00000E+00	0.00000E+00	-25312.	0.00000E+00	0.00000E+00	0.00000E+00
2773	0	0	0.00000E+00	0.00000E+00	-8453.3	0.00000E+00	0.00000E+00	0.00000E+00
2780	0	0	0.00000E+00	0.00000E+00	-8534.0	0.00000E+00	0.00000E+00	0.00000E+00
2781	0	0	0.00000E+00	0.00000E+00	-23990.	0.00000E+00	0.00000E+00	0.00000E+00
2782	0	0	0.00000E+00	0.00000E+00	-26482.	0.00000E+00	0.00000E+00	0.00000E+00
2783	0	0	0.00000E+00	0.00000E+00	-8467.0	0.00000E+00	0.00000E+00	0.00000E+00
2790	0	0	0.00000E+00	0.00000E+00	-8520.1	0.00000E+00	0.00000E+00	0.00000E+00
2791	0	0	0.00000E+00	0.00000E+00	-28762.	0.00000E+00	0.00000E+00	0.00000E+00
2792	0	0	0.00000E+00	0.00000E+00	-28111.	0.00000E+00	0.00000E+00	0.00000E+00
2793	0	0	0.00000E+00	0.00000E+00	-8453.3	0.00000E+00	0.00000E+00	0.00000E+00
2800	0	0	0.00000E+00	0.00000E+00	-8534.0	0.00000E+00	0.00000E+00	0.00000E+00
2801	0	0	0.00000E+00	0.00000E+00	-29373.	0.00000E+00	0.00000E+00	0.00000E+00
2802	0	0	0.00000E+00	0.00000E+00	-29465.	0.00000E+00	0.00000E+00	0.00000E+00
2803	0	0	0.00000E+00	0.00000E+00	-8467.0	0.00000E+00	0.00000E+00	0.00000E+00
2810	0	0	0.00000E+00	0.00000E+00	-8524.7	0.00000E+00	0.00000E+00	0.00000E+00
2811	0	0	0.00000E+00	0.00000E+00	-28634.	0.00000E+00	0.00000E+00	0.00000E+00
2812	0	0	0.00000E+00	0.00000E+00	-28763.	0.00000E+00	0.00000E+00	0.00000E+00
2813	0	0	0.00000E+00	0.00000E+00	-8457.8	0.00000E+00	0.00000E+00	0.00000E+00
2820	0	0	0.00000E+00	0.00000E+00	-8487.8	0.00000E+00	0.00000E+00	0.00000E+00
2821	0	0	0.00000E+00	0.00000E+00	-26359.	0.00000E+00	0.00000E+00	0.00000E+00
2822	0	0	0.00000E+00	0.00000E+00	-23673.	0.00000E+00	0.00000E+00	0.00000E+00
2823	0	0	0.00000E+00	0.00000E+00	-8421.2	0.00000E+00	0.00000E+00	0.00000E+00
2830	0	0	0.00000E+00	0.00000E+00	-8520.1	0.00000E+00	0.00000E+00	0.00000E+00
2831	0	0	0.00000E+00	0.00000E+00	-26284.	0.00000E+00	0.00000E+00	0.00000E+00
2832	0	0	0.00000E+00	0.00000E+00	-23824.	0.00000E+00	0.00000E+00	0.00000E+00
2833	0	0	0.00000E+00	0.00000E+00	-8453.3	0.00000E+00	0.00000E+00	0.00000E+00
2840	0	0	0.00000E+00	0.00000E+00	-8534.0	0.00000E+00	0.00000E+00	0.00000E+00
2841	0	0	0.00000E+00	0.00000E+00	-25429.	0.00000E+00	0.00000E+00	0.00000E+00
2842	0	0	0.00000E+00	0.00000E+00	-24751.	0.00000E+00	0.00000E+00	0.00000E+00
2843	0	0	0.00000E+00	0.00000E+00	-8467.0	0.00000E+00	0.00000E+00	0.00000E+00
2850	0	0	0.00000E+00	0.00000E+00	-8520.1	0.00000E+00	0.00000E+00	0.00000E+00
2851	0	0	0.00000E+00	0.00000E+00	-24864.	0.00000E+00	0.00000E+00	0.00000E+00
2852	0	0	0.00000E+00	0.00000E+00	-25446.	0.00000E+00	0.00000E+00	0.00000E+00
2853	0	0	0.00000E+00	0.00000E+00	-8453.3	0.00000E+00	0.00000E+00	0.00000E+00
2860	0	0	0.00000E+00	0.00000E+00	-8534.0	0.00000E+00	0.00000E+00	0.00000E+00
2861	0	0	0.00000E+00	0.00000E+00	-24410.	0.00000E+00	0.00000E+00	0.00000E+00
2862	0	0	0.00000E+00	0.00000E+00	-26151.	0.00000E+00	0.00000E+00	0.00000E+00
2863	0	0	0.00000E+00	0.00000E+00	-8467.0	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 977
LARGEST NODE OR ELEMENT NUMBER = 2863

DATA STORAGE LOCATIONS USED = 8798

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	1687	1	0	0	0	0	0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1687
LARGEST ELEMENT NUMBER INPUT = 1687
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	1951	1	0	0
1953	3083	1	0	0

TOTAL NUMBER OF NODE OUTPUT SETS = 2
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 3083
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 = 1687
TOTAL NUMBER OF CONSTRAINTS = 96
TOTAL NUMBER OF NODES = 3082
TOTAL NUMBER OF SUPPORT NODES = 8
TOTAL NUMBER OF LOADING CASES = 1

LOCATIONS USED DURING DATA PROCESSING = 157334345
LOCATIONS AVAILABLE = 196608000

TIME USED TO PROCESS INPUT DATA = 0.26900 SEC.

TIME AT CENTRAL PROCESSOR = 16:33:31 ON 23/06/23 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1687
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 2282 AND 5 FOR ELEMENT NUMBER 1621 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.9608E-05 (BMTJNT PROCESSOR)
WARNING NODES 2298 AND 18 FOR ELEMENT NUMBER 1622 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1683E-05 (BMTJNT PROCESSOR)
WARNING NODES 2300 AND 30 FOR ELEMENT NUMBER 1623 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6775E-05 (BMTJNT PROCESSOR)
WARNING NODES 2302 AND 42 FOR ELEMENT NUMBER 1624 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1522E-04 (BMTJNT PROCESSOR)
WARNING NODES 2304 AND 60 FOR ELEMENT NUMBER 1625 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2702E-04 (BMTJNT PROCESSOR)
WARNING NODES 2306 AND 72 FOR ELEMENT NUMBER 1626 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4218E-04 (BMTJNT PROCESSOR)
WARNING NODES 2308 AND 90 FOR ELEMENT NUMBER 1627 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6069E-04 (BMTJNT PROCESSOR)
WARNING NODES 2310 AND 114 FOR ELEMENT NUMBER 1629 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2540E-05 (BMTJNT PROCESSOR)
WARNING NODES 2312 AND 132 FOR ELEMENT NUMBER 1630 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2953E-05 (BMTJNT PROCESSOR)
WARNING NODES 2314 AND 144 FOR ELEMENT NUMBER 1631 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3329E-05 (BMTJNT PROCESSOR)
WARNING NODES 2316 AND 162 FOR ELEMENT NUMBER 1632 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3668E-05 (BMTJNT PROCESSOR)
WARNING NODES 2318 AND 174 FOR ELEMENT NUMBER 1633 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3971E-05 (BMTJNT PROCESSOR)
WARNING NODES 2320 AND 186 FOR ELEMENT NUMBER 1634 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4237E-05 (BMTJNT PROCESSOR)
WARNING NODES 2322 AND 204 FOR ELEMENT NUMBER 1635 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4466E-05 (BMTJNT PROCESSOR)
WARNING NODES 2324 AND 216 FOR ELEMENT NUMBER 1636 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4658E-05 (BMTJNT PROCESSOR)
WARNING NODES 2326 AND 234 FOR ELEMENT NUMBER 1637 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4814E-05 (BMTJNT PROCESSOR)
WARNING NODES 2286 AND 246 FOR ELEMENT NUMBER 1638 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.8131E-04 (BMTJNT PROCESSOR)
WARNING NODES 2328 AND 258 FOR ELEMENT NUMBER 1639 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5015E-05 (BMTJNT PROCESSOR)
WARNING NODES 2330 AND 276 FOR ELEMENT NUMBER 1640 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5060E-05 (BMTJNT PROCESSOR)
WARNING NODES 2332 AND 288 FOR ELEMENT NUMBER 1641 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5068E-05 (BMTJNT PROCESSOR)
WARNING NODES 2334 AND 306 FOR ELEMENT NUMBER 1642 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5040E-05 (BMTJNT PROCESSOR)
WARNING NODES 2336 AND 318 FOR ELEMENT NUMBER 1643 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4975E-05 (BMTJNT PROCESSOR)
WARNING NODES 2338 AND 342 FOR ELEMENT NUMBER 1644 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4873E-05 (BMTJNT PROCESSOR)
WARNING NODES 2340 AND 360 FOR ELEMENT NUMBER 1645 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4735E-05 (BMTJNT PROCESSOR)
WARNING NODES 2342 AND 372 FOR ELEMENT NUMBER 1646 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4560E-05 (BMTJNT PROCESSOR)
WARNING NODES 2344 AND 390 FOR ELEMENT NUMBER 1647 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4348E-05 (BMTJNT PROCESSOR)
WARNING NODES 2288 AND 402 FOR ELEMENT NUMBER 1648 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.7422E-04 (BMTJNT PROCESSOR)
WARNING NODES 2346 AND 414 FOR ELEMENT NUMBER 1649 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3813E-05 (BMTJNT PROCESSOR)
WARNING NODES 2348 AND 432 FOR ELEMENT NUMBER 1650 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3491E-05 (BMTJNT PROCESSOR)
WARNING NODES 2350 AND 444 FOR ELEMENT NUMBER 1651 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3132E-05 (BMTJNT PROCESSOR)
WARNING NODES 2352 AND 462 FOR ELEMENT NUMBER 1652 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2736E-05 (BMTJNT PROCESSOR)
WARNING NODES 2354 AND 474 FOR ELEMENT NUMBER 1653 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2304E-05 (BMTJNT PROCESSOR)
WARNING NODES 2356 AND 486 FOR ELEMENT NUMBER 1654 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1835E-05 (BMTJNT PROCESSOR)
WARNING NODES 2358 AND 504 FOR ELEMENT NUMBER 1655 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1329E-05 (BMTJNT PROCESSOR)
WARNING NODES 2360 AND 516 FOR ELEMENT NUMBER 1656 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.7864E-06 (BMTJNT PROCESSOR)
WARNING NODES 2362 AND 534 FOR ELEMENT NUMBER 1657 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2070E-06 (BMTJNT PROCESSOR)
WARNING NODES 2290 AND 546 FOR ELEMENT NUMBER 1658 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6338E-04 (BMTJNT PROCESSOR)
WARNING NODES 2364 AND 558 FOR ELEMENT NUMBER 1659 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1062E-05 (BMTJNT PROCESSOR)
WARNING NODES 2366 AND 576 FOR ELEMENT NUMBER 1660 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1751E-05 (BMTJNT PROCESSOR)
WARNING NODES 2368 AND 588 FOR ELEMENT NUMBER 1661 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2477E-05 (BMTJNT PROCESSOR)
WARNING NODES 2370 AND 606 FOR ELEMENT NUMBER 1662 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3240E-05 (BMTJNT PROCESSOR)
WARNING NODES 2372 AND 618 FOR ELEMENT NUMBER 1663 ARE NOT COINCIDENT

THE DISTANCE BETWEEN THEM IS 0.4039E-05 (BMTJNT PROCESSOR)

WARNING NODES 2374 AND 630 FOR ELEMENT NUMBER 1664 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.4876E-05 (BMTJNT PROCESSOR)

WARNING NODES 2376 AND 648 FOR ELEMENT NUMBER 1665 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.5748E-05 (BMTJNT PROCESSOR)

WARNING NODES 2378 AND 660 FOR ELEMENT NUMBER 1666 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.6658E-05 (BMTJNT PROCESSOR)

WARNING NODES 2380 AND 678 FOR ELEMENT NUMBER 1667 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.7604E-05 (BMTJNT PROCESSOR)

WARNING NODES 2292 AND 690 FOR ELEMENT NUMBER 1668 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.4881E-04 (BMTJNT PROCESSOR)

WARNING NODES 2382 AND 702 FOR ELEMENT NUMBER 1669 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.9606E-05 (BMTJNT PROCESSOR)

WARNING NODES 2384 AND 720 FOR ELEMENT NUMBER 1670 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1066E-04 (BMTJNT PROCESSOR)

WARNING NODES 2386 AND 732 FOR ELEMENT NUMBER 1671 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1175E-04 (BMTJNT PROCESSOR)

WARNING NODES 2388 AND 750 FOR ELEMENT NUMBER 1672 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1288E-04 (BMTJNT PROCESSOR)

WARNING NODES 2390 AND 762 FOR ELEMENT NUMBER 1673 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1405E-04 (BMTJNT PROCESSOR)

WARNING NODES 2392 AND 774 FOR ELEMENT NUMBER 1674 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1525E-04 (BMTJNT PROCESSOR)

WARNING NODES 2394 AND 792 FOR ELEMENT NUMBER 1675 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1649E-04 (BMTJNT PROCESSOR)

WARNING NODES 2396 AND 804 FOR ELEMENT NUMBER 1676 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1777E-04 (BMTJNT PROCESSOR)

WARNING NODES 2398 AND 822 FOR ELEMENT NUMBER 1677 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1908E-04 (BMTJNT PROCESSOR)

WARNING NODES 2294 AND 834 FOR ELEMENT NUMBER 1678 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2791E-02 (BMTJNT PROCESSOR)

WARNING NODES 2400 AND 846 FOR ELEMENT NUMBER 1679 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1278E-01 (BMTJNT PROCESSOR)

WARNING NODES 2402 AND 864 FOR ELEMENT NUMBER 1680 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2140E-01 (BMTJNT PROCESSOR)

WARNING NODES 2404 AND 876 FOR ELEMENT NUMBER 1681 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2591E-01 (BMTJNT PROCESSOR)

WARNING NODES 2406 AND 894 FOR ELEMENT NUMBER 1682 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2630E-01 (BMTJNT PROCESSOR)

WARNING NODES 2408 AND 906 FOR ELEMENT NUMBER 1683 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2259E-01 (BMTJNT PROCESSOR)

WARNING NODES 2410 AND 924 FOR ELEMENT NUMBER 1684 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1477E-01 (BMTJNT PROCESSOR)

WARNING NODES 2296 AND 936 FOR ELEMENT NUMBER 1685 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2840E-02 (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
14	622.205	0.000000E+00	1379.80	0.344951E+07	460.323	-62.5736	0.000000E+00
1	766.103	0.000000E+00	16.8087	131949.	460.319	-62.4928	-0.724227
13	1552.35	0.000000E+00	1102.01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
2	235.000	0.000000E+00	2350.00	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	0.000000E+00
5	0.000000E+00	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	0.000000E+00
4	0.130076	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	3175.79	0.000000E+00	4848.62	0.358146E+07	460.323	-62.5706	-0.266821E-01

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	
14	0.135738E+11	0.758555E+12	0.772129E+12	0.989638E+11	0.000000E+00	0.000000E+00	
1	0.516996E+09	0.290442E+11	0.295610E+11	0.378014E+10	-0.596977E+07	0.439884E+08	
13	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
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	
5	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	
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
TOTALS FOR STRUCTURE	0.140908E+11	0.787599E+12	0.801690E+12	0.102744E+12	-0.596977E+07	0.439884E+08	

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	
14	0.673820E+08	0.276142E+11	0.276816E+11	-0.396046E+09	0.000000E+00	0.000000E+00	
1	0.162117E+07	0.108497E+10	0.108654E+10	-0.155790E+08	2089.40	-14.2786	
13	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
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	
5	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	
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
TOTALS FOR STRUCTURE	0.690707E+08	0.286992E+11	0.287681E+11	-0.411625E+09	9521.59	-323.631	

MATERIAL SET	PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES						
	I 11	I 22	I 33	PRINCIPAL DIRECTIONS			
	KG M **2	KG M **2	KG M **2				
14	0.276816E+11	0.276199E+11	0.616891E+08	(0.00, 0.00, 1.00)	(-0.01, 1.00, 0.00)	(1.00, 0.01, 0.00)	
1	0.108654E+10	0.108520E+10	0.139719E+07	(-0.00, 0.00, 1.00)	(-0.01, 1.00, -0.00)	(1.00, 0.01, -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)
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)
5	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)
4	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	0.287681E+11	0.287051E+11	0.631538E+08	(-0.00, 0.00, 1.00)	(-0.01, 1.00, -0.00)	(1.00, 0.01, 0.00)

FORCE OUTPUT GROUP	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	-0.171451E+08	0.107258E+10	0.789142E+10	0.000000E+00

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2180

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.50000E-02 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 88054

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 1412832
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7836
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7836
TOTAL NO. OF EQUATIONS = 7932
TOTAL NO. OF ACTIVE NODES = 1306

NUMBER OF ELEMENT GROUPS = 2
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1598

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 330597
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 438004
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 253430
TOTAL SIZE OF ELEMENT DATA RECORDS = 349394
TOTAL SIZE OF ELEMENT RESULT RECORDS = 446530
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 46440
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 147955

TIME FOR PRE-SOLUTION PROCESS = 0.20000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 16:33:31 ON 23/06/23 (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 =

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Solving symmetric indefinite matrix
Minimum degree equation re-ordering algorithm used
Number of nonzeros in L and U = 139833
Number of iterative refinement steps = 4
Number of positive eigenvalues = 7788
Number of negative eigenvalues = 96
Peak memory used during analysis and symbolic factorisation (MB) = 5.26
Total peak memory used during solve (MB) = 7.04
In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION = 0.15281E-24

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

LOCATIONS USED DURING POST-SOLUTION PROCESS = 1485547
LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1687
ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.23000 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.52000 SEC.

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

TIME AT CENTRAL PROCESSOR = 16:33:31 ON 23/06/23 (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	324	1260	0	0	0.1562500E-01
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	6	112	0	0	0.1562500E-01
PLOT	16384	1707	2061	0	0	5.609375
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 16:33:34 ON 23/06/23 (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,
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Kingston upon Thames,
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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\VI01_marroggia\LUSASFiles32\Marroggia_rev01_g\Marroggia_rev01_g~03_Fase2b.dat

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

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 16:33:35 ON 23/06/23 (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			
1599	2874	1186	2906	2907
1600	2875	1386	2908	2909
1601	2876	2877	2910	2911
1602	2878	1390	2912	2913
1603	2879	1590	2914	2915
1604	2880	2881	2916	2917
1605	2882	1594	2918	2919
1606	2883	1794	2920	2921
1607	2885	2884	2922	2923
1608	2886	1798	2924	2925
1609	2887	1938	2926	2927
1610	2888	2889	2928	2929
1611	2890	1947	2930	2931
1612	2891	2552	2932	2933
1613	2893	2892	2934	2935
1614	2894	2562	2936	2937
1615	2895	2702	2938	2939
1616	2897	2896	2940	2941
1617	2898	2706	2942	2943
1618	2899	978	2944	2945
1619	2901	2900	2946	2947
1620	2902	982	2948	2949
1621	2282	5	2950	2951
1622	2298	18	2952	2953
1623	2300	30	2954	2955
1624	2302	42	2956	2957
1625	2304	60	2958	2959
1626	2306	72	2960	2961
1627	2308	90	2962	2963
1628	2284	102	2964	2965
1629	2310	114	2966	2967
1630	2312	132	2968	2969
1631	2314	144	2970	2971
1632	2316	162	2972	2973
1633	2318	174	2974	2975
1634	2320	186	2976	2977
1635	2322	204	2978	2979
1636	2324	216	2980	2981
1637	2326	234	2982	2983
1638	2286	246	2984	2985
1639	2328	258	2986	2987
1640	2330	276	2988	2989
1641	2332	288	2990	2991
1642	2334	306	2992	2993
1643	2336	318	2994	2995
1644	2338	342	2996	2997
1645	2340	360	2998	2999
1646	2342	372	3000	3001
1647	2344	390	3002	3003
1648	2288	402	3004	3005
1649	2346	414	3006	3007
1650	2348	432	3008	3009
1651	2350	444	3010	3011
1652	2352	462	3012	3013
1653	2354	474	3014	3015
1654	2356	486	3016	3017
1655	2358	504	3018	3019
1656	2360	516	3020	3021
1657	2362	534	3022	3023
1658	2290	546	3024	3025
1659	2364	558	3026	3027
1660	2366	576	3028	3029
1661	2368	588	3030	3031
1662	2370	606	3032	3033
1663	2372	618	3034	3035
1664	2374	630	3036	3037
1665	2376	648	3038	3039
1666	2378	660	3040	3041
1667	2380	678	3042	3043
1668	2292	690	3044	3045
1669	2382	702	3046	3047
1670	2384	720	3048	3049
1671	2386	732	3050	3051
1672	2388	750	3052	3053
1673	2390	762	3054	3055
1674	2392	774	3056	3057
1675	2394	792	3058	3059
1676	2396	804	3060	3061
1677	2398	822	3062	3063
1678	2294	834	3064	3065
1679	2400	846	3066	3067

1680	2402	864	3068	3069
1681	2404	876	3070	3071
1682	2406	894	3072	3073
1683	2408	906	3074	3075
1684	2410	924	3076	3077
1685	2296	936	3078	3079
1686	2903	1182	3080	3081
1687	2904	2905	3082	3083

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)
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BMI21	ELEMENTS		
1	1	2	3
2	4	5	6
3	7	8	9
4	2	10	11
5	5	12	13
6	8	14	15
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9	14	20	21
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13	22	28	29
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16	28	34	35
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18	32	38	39
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21	38	44	45
22	40	46	47
23	42	48	49
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31	58	64	65
32	60	66	67
33	62	68	69
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36	68	74	75
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61	118	124	125
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68	132	138	139
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73	142	148	149
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75	146	152	153
76	148	154	155
77	150	156	157
78	152	158	159
79	154	160	161
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81	158	164	165
82	160	166	167
83	162	168	169
84	164	170	171
85	166	172	173
86	168	174	175
87	170	176	177

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89	174	180	181
90	176	182	183
91	178	184	185
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110	216	222	223
111	218	224	225
112	220	226	227
113	222	228	229
114	224	230	231
115	226	232	233
116	228	234	235
117	230	236	237
118	232	238	239
119	234	240	241
120	236	242	243
121	238	244	245
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124	244	250	251
125	246	252	253
126	248	254	255
127	250	256	257
128	252	258	259
129	254	260	261
130	256	262	263
131	258	264	265
132	260	266	267
133	262	268	269
134	264	270	271
135	266	272	273
136	268	274	275
137	270	276	277
138	272	278	279
139	274	280	281
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141	278	284	285
142	280	286	287
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144	284	290	291
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147	290	296	297
148	292	298	299
149	294	300	301
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152	300	306	307
153	302	308	309
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155	306	312	313
156	308	314	315
157	310	316	317
158	312	318	319
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162	320	326	327
163	322	328	329
164	324	330	331
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166	328	334	335
167	330	336	337
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169	334	340	341
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186	368	374	375
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188	372	378	379
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213	422	428	429
214	424	430	431
215	426	432	433
216	428	434	435
217	430	436	437
218	432	438	439
219	434	440	441
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223	442	448	449
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227	450	456	457
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229	454	460	461
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231	458	464	465
232	460	466	467
233	462	468	469
234	464	470	471
235	466	472	473
236	468	474	475
237	470	476	477
238	472	478	479
239	474	480	481
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243	482	488	489
244	484	490	491
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246	488	494	495
247	490	496	497
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255	506	512	513
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273	542	548	549
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279	554	560	561
280	556	562	563
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282	560	566	567
283	562	568	569
284	564	570	571
285	566	572	573
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291	578	584	585
292	580	586	587
293	582	588	589
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313	622	628	629
314	624	630	631
315	626	632	633
316	628	634	635
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318	632	638	639
319	634	640	641
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321	638	644	645
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323	642	648	649
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332	660	666	667
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334	664	670	671
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336	668	674	675
337	670	676	677
338	672	678	679
339	674	680	681
340	676	682	683
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343	682	688	689
344	684	690	691
345	686	692	693
346	688	694	695
347	690	696	697
348	692	698	699
349	694	700	701
350	696	702	703
351	698	704	705
352	700	706	707
353	702	708	709
354	704	710	711
355	706	712	713
356	708	714	715
357	710	716	717
358	712	718	719
359	714	720	721
360	716	722	723
361	718	724	725
362	720	726	727
363	722	728	729
364	724	730	731
365	726	732	733
366	728	734	735
367	730	736	737
368	732	738	739
369	734	740	741
370	736	742	743
371	738	744	745
372	740	746	747
373	742	748	749
374	744	750	751
375	746	752	753
376	748	754	755
377	750	756	757
378	752	758	759
379	754	760	761
380	756	762	763
381	758	764	765
382	760	766	767
383	762	768	769
384	764	770	771
385	766	772	773
386	768	774	775
387	770	776	777
388	772	778	779
389	774	780	781
390	776	782	783
391	778	784	785
392	780	786	787
393	782	788	789
394	784	790	791
395	786	792	793
396	788	794	795
397	790	796	797
398	792	798	799
399	794	800	801
400	796	802	803
401	798	804	805
402	800	806	807

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404	804	810	811
405	806	812	813
406	808	814	815
407	810	816	817
408	812	818	819
409	814	820	821
410	816	822	823
411	818	824	825
412	820	826	827
413	822	828	829
414	824	830	831
415	826	832	833
416	828	834	835
417	830	836	837
418	832	838	839
419	834	840	841
420	836	842	843
421	838	844	845
422	840	846	847
423	842	848	849
424	844	850	851
425	846	852	853
426	848	854	855
427	850	856	857
428	852	858	859
429	854	860	861
430	856	862	863
431	858	864	865
432	860	866	867
433	862	868	869
434	864	870	871
435	866	872	873
436	868	874	875
437	870	876	877
438	872	878	879
439	874	880	881
440	876	882	883
441	878	884	885
442	880	886	887
443	882	888	889
444	884	890	891
445	886	892	893
446	888	894	895
447	890	896	897
448	892	898	899
449	894	900	901
450	896	902	903
451	898	904	905
452	900	906	907
453	902	908	909
454	904	910	911
455	906	912	913
456	908	914	915
457	910	916	917
458	912	918	919
459	914	920	921
460	916	922	923
461	918	924	925
462	920	926	927
463	922	928	929
464	924	930	931
465	926	932	933
466	928	934	935
467	930	936	937
468	932	938	939
469	934	940	941
470	936	942	943
471	938	944	945
472	224	946	947
473	946	948	949
474	953	951	956
475	232	953	957
476	234	232	958
477	234	236	959
478	236	954	960
479	954	955	961
480	962	963	966
481	963	238	967
482	238	240	968
483	240	242	969
484	242	964	970
485	964	965	971
486	973	972	976
487	244	973	977
488	978	244	979
489	246	244	980
490	246	248	981
491	982	248	983
492	248	974	984
493	974	975	985
494	986	987	990
495	987	250	991
496	250	252	992
497	252	254	993
498	254	988	994
499	988	989	995
500	997	996	1000
501	256	997	1001
502	258	256	1002
503	258	260	1003
504	260	998	1004
505	998	999	1005
506	1006	1007	1010
507	1007	268	1011

508	268	270	1012
509	270	272	1013
510	272	1008	1014
511	1008	1009	1015
512	1017	1016	1020
513	274	1017	1021
514	276	274	1022
515	276	278	1023
516	278	1018	1024
517	1018	1019	1025
518	1026	1027	1030
519	1027	280	1031
520	280	282	1032
521	282	284	1033
522	284	1028	1034
523	1028	1029	1035
524	1037	1036	1040
525	286	1037	1041
526	288	286	1042
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531	1047	292	1051
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539	306	308	1063
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557	330	332	1093
558	332	1088	1094
559	1088	1089	1095
560	1097	1096	1100
561	340	1097	1101
562	342	340	1102
563	342	344	1103
564	344	1098	1104
565	1098	1099	1105
566	1106	1107	1110
567	1107	352	1111
568	352	354	1112
569	354	356	1113
570	356	1108	1114
571	1108	1109	1115
572	1117	1116	1120
573	358	1117	1121
574	360	358	1122
575	360	362	1123
576	362	1118	1124
577	1118	1119	1125
578	1126	1127	1130
579	1127	364	1131
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581	366	368	1133
582	368	1128	1134
583	1128	1129	1135
584	1137	1136	1140
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587	372	374	1143
588	374	1138	1144
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598	390	388	1162
599	390	392	1163
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601	1158	1159	1165
602	1166	1167	1170
603	1167	394	1171
604	394	396	1172
605	396	398	1173
606	398	1168	1174
607	1168	1169	1175
608	1177	1176	1180
609	400	1177	1181
610	1182	400	1183
611	402	400	1184
612	402	404	1185

613	1186	404	1187
614	404	1178	1188
615	1178	1179	1189
616	1190	1191	1194
617	1191	406	1195
618	406	408	1196
619	408	410	1197
620	410	1192	1198
621	1192	1193	1199
622	1200	1201	1204
623	412	1200	1205
624	414	412	1206
625	414	416	1207
626	416	1203	1208
627	1203	1202	1209
628	1210	1211	1214
629	424	1210	1215
630	426	424	1216
631	428	426	1217
632	1213	428	1218
633	1212	1213	1219
634	1221	1220	1224
635	430	1221	1225
636	432	430	1226
637	432	434	1227
638	434	1222	1228
639	1222	1223	1229
640	1231	1230	1234
641	436	1231	1235
642	438	436	1236
643	440	438	1237
644	1232	440	1238
645	1233	1232	1239
646	1241	1240	1244
647	442	1241	1245
648	444	442	1246
649	444	446	1247
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653	448	1251	1255
654	450	448	1256
655	452	450	1257
656	1252	452	1258
657	1253	1252	1259
658	1261	1260	1264
659	460	1261	1265
660	462	460	1266
661	462	464	1267
662	464	1262	1268
663	1262	1263	1269
664	1271	1270	1274
665	466	1271	1275
666	468	466	1276
667	470	468	1277
668	1272	470	1278
669	1273	1272	1279
670	1281	1280	1284
671	472	1281	1285
672	474	472	1286
673	474	476	1287
674	476	1282	1288
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677	478	1291	1295
678	480	478	1296
679	482	480	1297
680	1292	482	1298
681	1293	1292	1299
682	1301	1300	1304
683	484	1301	1305
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1377	2228	790	2520
1378	2230	794	2521
1379	2233	802	2522
1380	2235	806	2523
1381	2238	820	2524
1382	2240	824	2525
1383	2243	832	2526
1384	2245	836	2527
1385	2248	844	2528
1386	2250	848	2529
1387	2253	862	2530
1388	2255	866	2531
1389	2258	874	2532
1390	2260	878	2533
1391	2263	892	2534
1392	2265	896	2535
1393	2268	904	2536
1394	2270	908	2537
1395	2273	922	2538
1396	2275	926	2539
1397	2278	934	2540
1398	2280	938	2541
1399	2542	2543	2544
1400	1	2542	2545
1401	4	1	2548
1402	2547	2546	2549
1403	4	7	2550
1404	2	2547	2551
1405	2552	2	2553
1406	7	2554	2555
1407	5	2	2556
1408	2554	2557	2558
1409	5	8	2559
1410	2562	8	2563
1411	8	2560	2564
1412	2560	2561	2565
1413	2566	2567	2570
1414	2567	10	2571
1415	10	12	2572
1416	12	14	2573
1417	14	2568	2574
1418	2568	2569	2575
1419	2577	2576	2580
1420	16	2577	2581
1421	18	16	2582
1422	18	20	2583
1423	20	2578	2584
1424	2578	2579	2585
1425	2586	2587	2590
1426	2587	22	2591
1427	22	24	2592
1428	24	26	2593
1429	26	2588	2594
1430	2588	2589	2595
1431	2597	2596	2600
1432	28	2597	2601
1433	30	28	2602
1434	30	32	2603
1435	32	2598	2604
1436	2598	2599	2605
1437	2606	2607	2610
1438	2607	34	2611
1439	34	36	2612
1440	36	38	2613
1441	38	2608	2614
1442	2608	2609	2615
1443	2617	2616	2620
1444	40	2617	2621
1445	42	40	2622
1446	42	44	2623
1447	44	2618	2624
1448	2618	2619	2625
1449	2626	2627	2630
1450	2627	46	2631
1451	46	48	2632
1452	48	50	2633

1453	50	2628	2634
1454	2628	2629	2635
1455	2637	2636	2640
1456	58	2637	2641
1457	60	58	2642
1458	60	62	2643
1459	62	2638	2644
1460	2638	2639	2645
1461	2646	2647	2650
1462	2647	64	2651
1463	64	66	2652
1464	66	68	2653
1465	68	2648	2654
1466	2648	2649	2655
1467	2657	2656	2660
1468	70	2657	2661
1469	72	70	2662
1470	72	74	2663
1471	74	2658	2664
1472	2658	2659	2665
1473	2666	2667	2670
1474	2667	76	2671
1475	76	78	2672
1476	78	80	2673
1477	80	2668	2674
1478	2668	2669	2675
1479	2677	2676	2680
1480	88	2677	2681
1481	90	88	2682
1482	90	92	2683
1483	92	2678	2684
1484	2678	2679	2685
1485	2686	2687	2690
1486	2687	94	2691
1487	94	96	2692
1488	96	98	2693
1489	98	2688	2694
1490	2688	2689	2695
1491	2697	2696	2700
1492	100	2697	2701
1493	2702	100	2703
1494	102	100	2704
1495	102	104	2705
1496	2706	104	2707
1497	104	2698	2708
1498	2698	2699	2709
1499	2710	2711	2714
1500	2711	106	2715
1501	106	108	2716
1502	108	110	2717
1503	110	2712	2718
1504	2712	2713	2719
1505	2721	2720	2724
1506	112	2721	2725
1507	114	112	2726
1508	114	116	2727
1509	116	2722	2728
1510	2722	2723	2729
1511	2730	2731	2734
1512	2731	124	2735
1513	124	126	2736
1514	126	128	2737
1515	128	2732	2738
1516	2732	2733	2739
1517	2741	2740	2744
1518	130	2741	2745
1519	132	130	2746
1520	132	134	2747
1521	134	2742	2748
1522	2742	2743	2749
1523	2750	2751	2754
1524	2751	136	2755
1525	136	138	2756
1526	138	140	2757
1527	140	2752	2758
1528	2752	2753	2759
1529	2761	2760	2764
1530	142	2761	2765
1531	144	142	2766
1532	144	146	2767
1533	146	2762	2768
1534	2762	2763	2769
1535	2770	2771	2774
1536	2771	148	2775
1537	148	150	2776
1538	150	152	2777
1539	152	2772	2778
1540	2772	2773	2779
1541	2781	2780	2784
1542	160	2781	2785
1543	162	160	2786
1544	162	164	2787
1545	164	2782	2788
1546	2782	2783	2789
1547	2790	2791	2794
1548	2791	166	2795
1549	166	168	2796
1550	168	170	2797
1551	170	2792	2798
1552	2792	2793	2799
1553	2801	2800	2804
1554	172	2801	2805
1555	174	172	2806
1556	174	176	2807
1557	176	2802	2808

1558	2802	2803	2809
1559	2810	2811	2814
1560	2811	178	2815
1561	178	180	2816
1562	180	182	2817
1563	182	2812	2818
1564	2812	2813	2819
1565	2821	2820	2824
1566	184	2821	2825
1567	186	184	2826
1568	186	188	2827
1569	188	2822	2828
1570	2822	2823	2829
1571	2830	2831	2834
1572	2831	196	2835
1573	196	198	2836
1574	198	200	2837
1575	200	2832	2838
1576	2832	2833	2839
1577	2841	2840	2844
1578	202	2841	2845
1579	204	202	2846
1580	204	206	2847
1581	206	2842	2848
1582	2842	2843	2849
1583	2850	2851	2854
1584	2851	208	2855
1585	208	210	2856
1586	210	212	2857
1587	212	2852	2858
1588	2852	2853	2859
1589	2861	2860	2864
1590	214	2861	2865
1591	216	214	2866
1592	216	218	2867
1593	218	2862	2868
1594	2862	2863	2869
1595	950	952	2870
1596	952	220	2871
1597	220	222	2872
1598	222	224	2873

TOTAL NUMBER OF ELEMENTS = 1687
LARGEST ELEMENT NUMBER = 1687
LARGEST NODE NUMBER = 3083

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	304.676	-62.9175	0.000000E+00
2	305.273	-62.9707	0.000000E+00
3	304.764	-61.9214	0.000000E+00
4	304.985	-59.4312	0.000000E+00
5	305.583	-59.4844	0.000000E+00
6	305.074	-58.4351	0.000000E+00
7	305.295	-55.9449	0.000000E+00
8	305.893	-55.9981	0.000000E+00
9	305.384	-54.9489	0.000000E+00
10	307.679	-63.1824	0.000000E+00
11	305.361	-61.9745	0.000000E+00
12	307.981	-59.6955	0.000000E+00
13	305.671	-58.4883	0.000000E+00
14	308.287	-56.2089	0.000000E+00
15	305.980	-55.0020	0.000000E+00
16	310.081	-63.3900	0.000000E+00
17	307.765	-62.1862	0.000000E+00
18	310.379	-59.9027	0.000000E+00
19	308.067	-58.6992	0.000000E+00
20	310.678	-56.4155	0.000000E+00
21	308.373	-55.2126	0.000000E+00
22	312.477	-63.5932	0.000000E+00
23	310.165	-62.3936	0.000000E+00
24	312.770	-60.1055	0.000000E+00
25	310.464	-58.9063	0.000000E+00
26	313.063	-56.6178	0.000000E+00
27	310.762	-55.4191	0.000000E+00
28	314.889	-63.7939	0.000000E+00
29	312.560	-62.5967	0.000000E+00
30	315.177	-60.3057	0.000000E+00
31	312.853	-59.1090	0.000000E+00
32	315.464	-56.8175	0.000000E+00
33	313.146	-55.6212	0.000000E+00
34	317.303	-63.9908	0.000000E+00
35	314.971	-62.7972	0.000000E+00
36	317.576	-60.5014	0.000000E+00
37	315.258	-59.3090	0.000000E+00
38	317.867	-57.0135	0.000000E+00
39	315.545	-55.8208	0.000000E+00
40	319.699	-64.1824	0.000000E+00
41	317.383	-62.9940	0.000000E+00
42	319.975	-60.6933	0.000000E+00
43	317.655	-59.5046	0.000000E+00
44	320.251	-57.2042	0.000000E+00
45	317.947	-56.0167	0.000000E+00

46	322.104	-64.3709	0.000000E+00
47	319.777	-63.1854	0.000000E+00
48	322.375	-60.8813	0.000000E+00
49	320.053	-59.6964	0.000000E+00
50	322.646	-57.3918	0.000000E+00
51	320.330	-56.2073	0.000000E+00
52	322.954	-64.4365	0.000000E+00
53	322.182	-63.3738	0.000000E+00
54	323.222	-60.9468	0.272005E-14
55	322.452	-59.8843	0.000000E+00
56	323.491	-57.4571	0.000000E+00
57	322.723	-56.3948	0.000000E+00
58	324.510	-64.5555	0.000000E+00
59	323.030	-63.4394	0.000000E+00
60	324.775	-61.0655	0.103806E-13
61	323.298	-59.9497	0.272005E-14
62	325.040	-57.5756	0.000000E+00
63	323.567	-56.4601	0.000000E+00
64	326.907	-64.7356	0.000000E+00
65	324.585	-63.5583	0.000000E+00
66	327.176	-61.2459	0.000000E+00
67	324.850	-60.0683	0.103806E-13
68	327.426	-57.7548	0.000000E+00
69	325.115	-56.5784	0.000000E+00
70	329.322	-64.9132	0.000000E+00
71	326.980	-63.7383	0.000000E+00
72	329.576	-61.4224	0.000000E+00
73	327.249	-60.2486	0.000000E+00
74	329.830	-57.9317	0.000000E+00
75	327.499	-56.7575	0.000000E+00
76	331.736	-65.0868	0.000000E+00
77	329.394	-63.9158	0.000000E+00
78	331.985	-61.5956	0.000000E+00
79	329.648	-60.4250	0.000000E+00
80	332.233	-58.1044	0.000000E+00
81	329.902	-56.9342	0.000000E+00
82	332.950	-65.1727	0.000000E+00
83	331.807	-64.0893	0.000000E+00
84	333.195	-61.6812	-0.416334E-13
85	332.055	-60.5981	0.000000E+00
86	333.441	-58.1899	0.000000E+00
87	332.303	-57.1069	0.000000E+00
88	334.136	-65.2556	0.000000E+00
89	333.019	-64.1751	0.000000E+00
90	334.378	-61.7639	-0.274780E-13
91	333.265	-60.6836	-0.416334E-13
92	334.621	-58.2724	0.000000E+00
93	333.510	-57.1923	0.000000E+00
94	336.541	-65.4208	0.000000E+00
95	334.204	-64.2579	0.000000E+00
96	336.780	-61.9290	0.000000E+00
97	334.447	-60.7663	-0.274780E-13
98	337.015	-58.4368	0.000000E+00
99	334.690	-57.2748	0.000000E+00
100	338.950	-65.5825	0.000000E+00
101	336.608	-64.4230	0.000000E+00
102	339.182	-62.0901	0.000000E+00
103	336.847	-60.9312	0.000000E+00
104	339.413	-58.5978	0.000000E+00
105	337.082	-57.4391	0.000000E+00
106	341.373	-65.7410	0.000000E+00
107	339.015	-64.5846	0.000000E+00
108	341.599	-62.2483	0.000000E+00
109	339.247	-61.0923	0.000000E+00
110	341.824	-58.7556	0.000000E+00
111	339.478	-57.5999	0.000000E+00
112	343.801	-65.8961	0.000000E+00
113	341.436	-64.7431	0.000000E+00
114	344.021	-62.4031	0.568434E-13
115	341.662	-61.2504	0.000000E+00
116	344.242	-58.9100	0.000000E+00
117	341.888	-57.7577	0.000000E+00
118	344.952	-65.9682	0.000000E+00
119	343.864	-64.8981	0.000000E+00
120	345.169	-62.4751	0.194289E-13
121	344.084	-61.4050	0.568434E-13
122	345.387	-58.9818	0.000000E+00
123	344.304	-57.9120	0.000000E+00
124	346.232	-66.0474	0.000000E+00
125	345.013	-64.9701	0.000000E+00
126	346.446	-62.5540	0.309197E-13
127	345.231	-61.4770	0.194289E-13
128	346.661	-59.0606	0.000000E+00
129	345.448	-57.9837	0.000000E+00
130	348.653	-66.1942	0.000000E+00
131	346.292	-65.0493	0.000000E+00
132	348.862	-62.7005	0.000000E+00
133	346.507	-61.5559	0.309197E-13
134	349.071	-59.2067	0.000000E+00
135	346.721	-58.0624	0.000000E+00
136	351.092	-66.3381	0.000000E+00
137	348.712	-65.1960	0.000000E+00
138	351.295	-62.8440	0.000000E+00
139	348.921	-61.7022	0.000000E+00
140	351.498	-59.3500	0.000000E+00
141	349.130	-58.2085	0.000000E+00
142	353.506	-66.4767	0.000000E+00
143	351.149	-65.3398	0.000000E+00
144	353.704	-62.9823	0.000000E+00
145	351.352	-61.8457	0.000000E+00
146	353.902	-59.4879	0.000000E+00
147	351.556	-58.3516	0.000000E+00
148	355.926	-66.6117	0.000000E+00
149	353.562	-65.4783	0.000000E+00
150	356.119	-63.1170	0.000000E+00

151	353.760	-61.9839	0.000000E+00
152	356.311	-59.6222	0.000000E+00
153	353.958	-58.4894	0.000000E+00
154	357.209	-66.6817	0.000000E+00
155	355.981	-65.6132	0.000000E+00
156	357.398	-63.1869	0.666134E-14
157	356.173	-62.1185	0.000000E+00
158	357.588	-59.6919	0.000000E+00
159	356.365	-58.6237	0.000000E+00
160	358.360	-66.7435	0.000000E+00
161	357.263	-65.6831	0.000000E+00
162	358.547	-63.2485	-0.888178E-15
163	357.452	-62.1883	0.666134E-14
164	358.733	-59.7535	0.000000E+00
165	357.641	-58.6933	0.000000E+00
166	360.788	-66.8711	0.000000E+00
167	358.413	-65.7449	0.000000E+00
168	360.968	-63.3757	0.000000E+00
169	358.599	-62.2499	-0.888178E-15
170	361.150	-59.8804	0.000000E+00
171	358.786	-58.7548	0.000000E+00
172	363.215	-66.9947	0.000000E+00
173	360.839	-65.8724	0.000000E+00
174	363.390	-63.4991	0.000000E+00
175	361.019	-62.3770	0.000000E+00
176	363.566	-60.0035	0.000000E+00
177	361.201	-58.8817	0.000000E+00
178	365.651	-67.1148	0.000000E+00
179	363.264	-65.9959	0.000000E+00
180	365.812	-63.6185	0.000000E+00
181	363.440	-62.5003	0.000000E+00
182	365.990	-60.1230	0.000000E+00
183	363.615	-59.0047	0.000000E+00
184	368.071	-67.2302	0.000000E+00
185	365.698	-66.1159	0.000000E+00
186	368.235	-63.7340	0.000000E+00
187	365.860	-62.6196	0.000000E+00
188	368.399	-60.2379	0.000000E+00
189	366.038	-59.1241	0.000000E+00
190	369.222	-67.2837	0.000000E+00
191	368.117	-66.2313	0.000000E+00
192	369.383	-63.7875	0.470179E-13
193	368.281	-62.7351	0.000000E+00
194	369.545	-60.2912	0.000000E+00
195	368.445	-59.2389	0.000000E+00
196	370.488	-67.3416	0.000000E+00
197	369.268	-66.2848	0.000000E+00
198	370.646	-63.8452	-0.489053E-13
199	369.429	-62.7886	0.470179E-13
200	370.805	-60.3487	0.000000E+00
201	369.590	-59.2922	0.000000E+00
202	372.927	-67.4500	0.000000E+00
203	370.532	-66.3426	0.000000E+00
204	373.080	-63.9534	0.000000E+00
205	370.691	-62.8462	-0.489053E-13
206	373.232	-60.4567	0.000000E+00
207	370.849	-59.3497	0.000000E+00
208	375.352	-67.5540	0.000000E+00
209	372.970	-66.4510	0.000000E+00
210	375.499	-64.0570	0.000000E+00
211	373.122	-62.9543	0.000000E+00
212	375.646	-60.5601	0.000000E+00
213	373.275	-59.4576	0.000000E+00
214	377.784	-67.6542	0.000000E+00
215	375.393	-66.5548	0.000000E+00
216	377.925	-64.1571	0.000000E+00
217	375.540	-63.0579	0.000000E+00
218	378.067	-60.6600	0.000000E+00
219	375.687	-59.5610	0.000000E+00
220	380.217	-67.7506	0.000000E+00
221	377.824	-66.6550	0.000000E+00
222	380.352	-64.2533	0.000000E+00
223	377.965	-63.1579	0.000000E+00
224	380.488	-60.7559	0.000000E+00
225	378.106	-59.6607	0.000000E+00
226	381.490	-67.7995	0.000000E+00
227	380.255	-66.7514	0.000000E+00
228	381.623	-64.3021	0.298650E-13
229	380.391	-63.2540	0.000000E+00
230	381.755	-60.8045	0.000000E+00
231	380.527	-59.7566	0.000000E+00
232	382.642	-67.8428	0.000000E+00
233	381.527	-66.8002	0.000000E+00
234	382.772	-64.3452	-0.593414E-13
235	381.660	-63.3028	0.298650E-13
236	382.902	-60.8476	0.000000E+00
237	381.793	-59.8052	0.000000E+00
238	385.082	-67.9316	0.000000E+00
239	382.678	-66.8434	0.000000E+00
240	385.206	-64.4338	0.000000E+00
241	382.808	-63.3459	-0.593414E-13
242	385.331	-60.9360	0.000000E+00
243	382.938	-59.8483	0.000000E+00
244	387.500	-68.0156	0.000000E+00
245	385.117	-66.9322	0.000000E+00
246	387.619	-64.5177	0.000000E+00
247	385.241	-63.4344	0.000000E+00
248	387.737	-61.0197	0.000000E+00
249	385.366	-59.9366	0.000000E+00
250	389.922	-68.0960	0.000000E+00
251	387.533	-67.0162	0.000000E+00
252	390.035	-64.5978	0.000000E+00
253	387.652	-63.5183	0.000000E+00
254	390.148	-61.0996	0.000000E+00
255	387.771	-60.0202	0.000000E+00

256	392.359	-68.1729	0.000000E+00
257	389.953	-67.0965	0.000000E+00
258	392.466	-64.6745	0.341061E-12
259	390.066	-63.5983	0.000000E+00
260	392.574	-61.1762	0.000000E+00
261	390.180	-60.1001	0.000000E+00
262	393.511	-68.2078	0.000000E+00
263	392.389	-67.1733	0.000000E+00
264	393.616	-64.7095	-0.282552E-13
265	392.497	-63.6750	0.341061E-12
266	393.720	-61.2110	0.000000E+00
267	392.604	-60.1766	0.000000E+00
268	394.788	-68.2456	0.000000E+00
269	393.540	-67.2083	0.000000E+00
270	394.890	-64.7471	-0.587863E-13
271	393.645	-63.7099	-0.282552E-13
272	394.992	-61.2486	0.000000E+00
273	393.750	-60.2114	0.000000E+00
274	397.218	-68.3144	0.000000E+00
275	394.816	-67.2460	0.000000E+00
276	397.314	-64.8157	0.000000E+00
277	394.918	-63.7475	-0.587863E-13
278	397.410	-61.3171	0.000000E+00
279	395.020	-60.2490	0.000000E+00
280	399.655	-68.3795	0.000000E+00
281	397.244	-67.3148	0.000000E+00
282	399.746	-64.8807	0.000000E+00
283	397.341	-63.8161	0.000000E+00
284	399.836	-61.3818	0.000000E+00
285	397.437	-60.3174	0.000000E+00
286	402.077	-68.4403	0.000000E+00
287	399.680	-67.3798	0.000000E+00
288	402.162	-64.9413	0.000000E+00
289	399.771	-63.8810	0.000000E+00
290	402.247	-61.4424	0.000000E+00
291	399.861	-60.3822	0.000000E+00
292	404.496	-68.4971	0.000000E+00
293	402.101	-67.4406	0.000000E+00
294	404.575	-64.9980	0.000000E+00
295	402.186	-63.9416	0.000000E+00
296	404.655	-61.4989	0.000000E+00
297	402.271	-60.4426	0.000000E+00
298	405.785	-68.5258	0.000000E+00
299	404.518	-67.4973	0.000000E+00
300	405.861	-65.0267	0.177636E-14
301	404.598	-63.9982	0.000000E+00
302	405.938	-61.5275	0.000000E+00
303	404.677	-60.4991	0.000000E+00
304	406.937	-68.5505	0.000000E+00
305	405.806	-67.5260	0.000000E+00
306	407.011	-65.0513	0.522637E-13
307	405.883	-64.0269	0.177636E-14
308	407.085	-61.5521	0.000000E+00
309	405.959	-60.5277	0.000000E+00
310	409.368	-68.5997	0.000000E+00
311	406.958	-67.5507	0.000000E+00
312	409.436	-65.1004	0.000000E+00
313	407.031	-64.0515	0.522637E-13
314	409.504	-61.6011	0.000000E+00
315	407.105	-60.5523	0.000000E+00
316	411.798	-68.6450	0.000000E+00
317	409.386	-67.5999	0.000000E+00
318	411.860	-65.1456	0.000000E+00
319	409.454	-64.1006	0.000000E+00
320	411.923	-61.6462	0.000000E+00
321	409.522	-60.6012	0.000000E+00
322	413.013	-68.6662	0.000000E+00
323	411.815	-67.6452	0.000000E+00
324	413.073	-65.1667	0.160982E-13
325	411.878	-64.1458	0.000000E+00
326	413.132	-61.6672	0.000000E+00
327	411.940	-60.6463	0.000000E+00
328	414.228	-68.6864	0.000000E+00
329	413.030	-67.6664	0.000000E+00
330	414.285	-65.1869	-0.333067E-14
331	413.089	-64.1669	0.160982E-13
332	414.342	-61.6874	0.000000E+00
333	413.149	-60.6674	0.000000E+00
334	415.445	-68.7057	0.000000E+00
335	414.244	-67.6866	0.000000E+00
336	415.497	-65.2061	0.321965E-14
337	414.301	-64.1870	-0.333067E-14
338	415.551	-61.7065	0.000000E+00
339	414.358	-60.6875	0.000000E+00
340	416.658	-68.7239	0.000000E+00
341	415.460	-67.7058	0.000000E+00
342	416.710	-65.2243	-0.189293E-13
343	415.512	-64.2062	0.321965E-14
344	416.761	-61.7247	0.000000E+00
345	415.566	-60.7066	0.000000E+00
346	417.811	-68.7403	0.000000E+00
347	416.673	-67.7240	0.000000E+00
348	417.859	-65.2407	-0.198175E-13
349	416.724	-64.2244	-0.189293E-13
350	417.908	-61.7410	0.000000E+00
351	416.775	-60.7248	0.000000E+00
352	419.100	-68.7576	0.000000E+00
353	417.824	-67.7404	0.000000E+00
354	419.145	-65.2579	-0.376921E-13
355	417.873	-64.2408	-0.198175E-13
356	419.191	-61.7582	0.000000E+00
357	417.921	-60.7411	0.000000E+00
358	421.519	-68.7871	0.000000E+00
359	419.112	-67.7577	0.000000E+00
360	421.559	-65.2874	0.000000E+00

361	419.157	-64.2580	-0.376921E-13
362	421.599	-61.7876	0.000000E+00
363	419.203	-60.7583	0.000000E+00
364	423.950	-68.8128	0.000000E+00
365	421.530	-67.7872	0.000000E+00
366	423.984	-65.3130	0.000000E+00
367	421.570	-64.2874	0.000000E+00
368	424.018	-61.8132	0.000000E+00
369	421.610	-60.7876	0.000000E+00
370	426.380	-68.8347	0.000000E+00
371	423.959	-67.8129	0.000000E+00
372	426.409	-65.3348	0.000000E+00
373	423.993	-64.3131	0.000000E+00
374	426.438	-61.8349	0.000000E+00
375	424.027	-60.8132	0.000000E+00
376	428.810	-68.8525	0.000000E+00
377	426.388	-67.8347	0.000000E+00
378	428.833	-65.3526	0.000000E+00
379	426.416	-64.3348	0.000000E+00
380	428.856	-61.8527	0.000000E+00
381	426.445	-60.8349	0.000000E+00
382	430.089	-68.8604	0.000000E+00
383	428.816	-67.8526	0.000000E+00
384	430.109	-65.3605	0.999201E-14
385	428.839	-64.3526	0.000000E+00
386	430.129	-61.8605	0.000000E+00
387	428.862	-60.8527	0.000000E+00
388	431.242	-68.8665	0.000000E+00
389	430.094	-67.8604	0.000000E+00
390	431.259	-65.3666	-0.154321E-13
391	430.114	-64.3605	0.999201E-14
392	431.276	-61.8666	0.000000E+00
393	430.134	-60.8605	0.000000E+00
394	433.672	-68.8766	0.000000E+00
395	431.246	-67.8665	0.000000E+00
396	433.684	-65.3766	0.000000E+00
397	431.263	-64.3666	-0.154321E-13
398	433.695	-61.8766	0.000000E+00
399	431.280	-60.8666	0.000000E+00
400	436.103	-68.8827	0.000000E+00
401	433.675	-67.8766	0.000000E+00
402	436.109	-65.3828	0.000000E+00
403	433.686	-64.3766	0.000000E+00
404	436.115	-61.8827	0.000000E+00
405	433.698	-60.8766	0.000000E+00
406	438.533	-68.8849	0.000000E+00
407	436.104	-67.8827	0.000000E+00
408	438.534	-65.3849	0.000000E+00
409	436.110	-64.3828	0.000000E+00
410	438.534	-61.8849	0.000000E+00
411	436.116	-60.8827	0.000000E+00
412	440.954	-61.8832	0.000000E+00
413	438.533	-60.8849	0.000000E+00
414	440.959	-65.3832	0.113687E-12
415	438.533	-64.3849	0.000000E+00
416	440.964	-68.8832	0.000000E+00
417	438.533	-67.8849	0.000000E+00
418	442.101	-61.8811	0.000000E+00
419	440.952	-60.8832	0.000000E+00
420	442.109	-65.3811	0.832667E-14
421	440.957	-64.3832	0.113687E-12
422	442.117	-68.8810	0.000000E+00
423	440.962	-67.8832	0.000000E+00
424	443.368	-61.8776	0.000000E+00
425	442.098	-60.8811	0.000000E+00
426	443.379	-65.3776	0.399680E-14
427	442.106	-64.3811	0.832667E-14
428	443.390	-68.8776	0.000000E+00
429	442.114	-67.8810	0.000000E+00
430	445.792	-61.8681	0.000000E+00
431	443.364	-60.8776	0.000000E+00
432	445.809	-65.3681	0.000000E+00
433	443.375	-64.3776	0.399680E-14
434	445.825	-68.8681	0.000000E+00
435	443.386	-67.8776	0.000000E+00
436	448.212	-61.8547	0.000000E+00
437	445.787	-60.8682	0.000000E+00
438	448.234	-65.3547	0.000000E+00
439	445.803	-64.3681	0.000000E+00
440	448.256	-68.8546	0.000000E+00
441	445.820	-67.8681	0.000000E+00
442	450.631	-61.8375	0.000000E+00
443	448.204	-60.8548	0.000000E+00
444	450.659	-65.3373	0.000000E+00
445	448.227	-64.3547	0.000000E+00
446	450.687	-68.8372	0.000000E+00
447	448.249	-67.8546	0.000000E+00
448	453.060	-61.8162	0.000000E+00
449	450.622	-60.8375	0.000000E+00
450	453.094	-65.3160	0.000000E+00
451	450.650	-64.3374	0.000000E+00
452	453.127	-68.8158	0.000000E+00
453	450.678	-67.8373	0.000000E+00
454	454.322	-61.8036	0.000000E+00
455	453.050	-60.8162	0.000000E+00
456	454.359	-65.3034	0.417444E-13
457	453.084	-64.3160	0.000000E+00
458	454.395	-68.8032	0.000000E+00
459	453.117	-67.8159	0.000000E+00
460	455.469	-61.7912	0.000000E+00
461	454.311	-60.8036	0.000000E+00
462	455.508	-65.2910	0.000000E+00
463	454.348	-64.3035	0.417444E-13
464	455.548	-68.7907	0.000000E+00
465	454.384	-67.8032	0.000000E+00

466	457.880	-61.7623	0.000000E+00
467	455.457	-60.7912	0.000000E+00
468	457.925	-65.2620	0.000000E+00
469	455.496	-64.2910	0.000000E+00
470	457.969	-68.7617	0.000000E+00
471	455.536	-67.7908	0.000000E+00
472	460.308	-61.7293	0.000000E+00
473	457.866	-60.7624	0.000000E+00
474	460.358	-65.2289	0.000000E+00
475	457.911	-64.2621	0.000000E+00
476	460.408	-68.7286	0.000000E+00
477	457.956	-67.7618	0.000000E+00
478	462.727	-61.6925	0.000000E+00
479	460.292	-60.7294	0.000000E+00
480	462.783	-65.1920	0.000000E+00
481	460.343	-64.2290	0.000000E+00
482	462.839	-68.6916	0.000000E+00
483	460.393	-67.7287	0.000000E+00
484	465.146	-61.6518	0.000000E+00
485	462.710	-60.6926	0.000000E+00
486	465.207	-65.1513	0.000000E+00
487	462.766	-64.1922	0.000000E+00
488	465.269	-68.6507	0.000000E+00
489	462.822	-67.6917	0.000000E+00
490	466.293	-61.6311	0.000000E+00
491	465.128	-60.6520	0.000000E+00
492	466.357	-65.1306	-0.189848E-13
493	465.190	-64.1514	0.000000E+00
494	466.422	-68.6300	0.000000E+00
495	465.251	-67.6509	0.000000E+00
496	467.571	-61.6071	0.000000E+00
497	466.274	-60.6313	0.000000E+00
498	467.638	-65.1064	-0.843769E-14
499	466.338	-64.1308	-0.189848E-13
500	467.706	-68.6058	0.000000E+00
501	466.403	-67.6301	0.000000E+00
502	469.984	-61.5587	0.000000E+00
503	467.551	-60.6073	0.000000E+00
504	470.057	-65.0580	0.000000E+00
505	467.618	-64.1066	-0.843769E-14
506	470.130	-68.5572	0.000000E+00
507	467.686	-67.6060	0.000000E+00
508	472.402	-61.5063	0.000000E+00
509	469.962	-60.5590	0.000000E+00
510	472.481	-65.0054	0.000000E+00
511	470.035	-64.0582	0.000000E+00
512	472.560	-68.5046	0.000000E+00
513	470.108	-67.5574	0.000000E+00
514	474.821	-61.4500	0.000000E+00
515	472.379	-60.5066	0.000000E+00
516	474.905	-64.9490	0.000000E+00
517	472.458	-64.0057	0.000000E+00
518	474.990	-68.4480	0.000000E+00
519	472.536	-67.5048	0.000000E+00
520	477.234	-61.3900	0.000000E+00
521	474.796	-60.4504	0.000000E+00
522	477.324	-64.8888	0.000000E+00
523	474.880	-63.9493	0.000000E+00
524	477.414	-68.3877	0.000000E+00
525	474.965	-67.4483	0.000000E+00
526	478.511	-61.3567	0.000000E+00
527	477.208	-60.3903	0.000000E+00
528	478.604	-64.8555	0.587308E-13
529	477.298	-63.8892	0.000000E+00
530	478.697	-68.3542	0.000000E+00
531	477.388	-67.3880	0.000000E+00
532	479.658	-61.3258	0.000000E+00
533	478.484	-60.3570	0.000000E+00
534	479.754	-64.8245	0.000000E+00
535	478.577	-63.8558	0.587308E-13
536	479.849	-68.3232	0.000000E+00
537	478.670	-67.3546	0.000000E+00
538	482.077	-61.2578	0.000000E+00
539	479.630	-60.3262	0.000000E+00
540	482.178	-64.7563	0.000000E+00
541	479.726	-63.8249	0.000000E+00
542	482.279	-68.2549	0.000000E+00
543	479.821	-67.3236	0.000000E+00
544	484.495	-61.1859	0.000000E+00
545	482.047	-60.2582	0.000000E+00
546	484.602	-64.6843	0.000000E+00
547	482.148	-63.7568	0.000000E+00
548	484.708	-68.1827	0.000000E+00
549	482.249	-67.2553	0.000000E+00
550	486.913	-61.1101	0.000000E+00
551	484.464	-60.1864	0.000000E+00
552	487.026	-64.6083	0.000000E+00
553	484.570	-63.6848	0.000000E+00
554	487.138	-68.1065	0.000000E+00
555	484.677	-67.1831	0.000000E+00
556	489.331	-61.0305	0.000000E+00
557	486.880	-60.1107	0.000000E+00
558	489.449	-64.5285	0.000000E+00
559	486.993	-63.6089	0.000000E+00
560	489.567	-68.0265	0.000000E+00
561	487.105	-67.1071	0.000000E+00
562	490.478	-60.9913	0.000000E+00
563	489.297	-60.0310	0.000000E+00
564	490.599	-64.4893	0.242029E-13
565	489.415	-63.5290	0.000000E+00
566	490.719	-67.9871	0.000000E+00
567	489.533	-67.0271	0.000000E+00
568	491.740	-60.9472	0.000000E+00
569	490.443	-59.9919	0.000000E+00
570	491.863	-64.4450	-0.383027E-13

571	490.564	-63.4899	0.242029E-13
572	491.987	-67.9428	0.000000E+00
573	490.684	-66.9877	0.000000E+00
574	494.167	-60.8594	0.000000E+00
575	491.704	-59.9478	0.000000E+00
576	494.296	-64.3570	0.000000E+00
577	491.827	-63.4457	-0.383027E-13
578	494.426	-67.8546	0.000000E+00
579	491.951	-66.9435	0.000000E+00
580	496.584	-60.7680	0.000000E+00
581	494.129	-59.8601	0.000000E+00
582	496.719	-64.2654	0.000000E+00
583	494.258	-63.3577	0.000000E+00
584	496.854	-67.7628	0.000000E+00
585	494.388	-66.8553	0.000000E+00
586	499.002	-60.6728	0.000000E+00
587	496.545	-59.7688	0.000000E+00
588	499.143	-64.1699	0.000000E+00
589	496.680	-63.2662	0.000000E+00
590	499.283	-67.6671	0.000000E+00
591	496.815	-66.7636	0.000000E+00
592	501.425	-60.5734	0.000000E+00
593	498.961	-59.6736	0.000000E+00
594	501.571	-64.0703	0.000000E+00
595	499.102	-63.1708	0.000000E+00
596	501.717	-67.5672	0.000000E+00
597	499.242	-66.6680	0.000000E+00
598	502.690	-60.5199	0.000000E+00
599	501.383	-59.5742	0.000000E+00
600	502.839	-64.0168	0.355271E-13
601	501.529	-63.0712	0.000000E+00
602	502.989	-67.5135	0.000000E+00
603	501.675	-66.5681	0.000000E+00
604	503.836	-60.4705	0.000000E+00
605	502.647	-59.5208	0.000000E+00
606	503.988	-63.9672	0.000000E+00
607	502.796	-63.0177	0.355271E-13
608	504.140	-67.4639	0.000000E+00
609	502.946	-66.5145	0.000000E+00
610	506.253	-60.3636	0.000000E+00
611	503.792	-59.4715	0.000000E+00
612	506.411	-63.8600	0.000000E+00
613	503.944	-62.9682	0.000000E+00
614	506.568	-67.3565	0.000000E+00
615	504.096	-66.4649	0.000000E+00
616	508.670	-60.2527	0.000000E+00
617	506.208	-59.3646	0.000000E+00
618	508.833	-63.7489	0.000000E+00
619	506.365	-62.8611	0.000000E+00
620	508.997	-67.2451	0.000000E+00
621	506.523	-66.3575	0.000000E+00
622	511.087	-60.1380	0.000000E+00
623	508.623	-59.2539	0.000000E+00
624	511.256	-63.6339	0.000000E+00
625	508.786	-62.7501	0.000000E+00
626	511.424	-67.1298	0.000000E+00
627	508.949	-66.2463	0.000000E+00
628	513.503	-60.0193	0.000000E+00
629	511.038	-59.1392	0.000000E+00
630	513.678	-63.5150	0.000000E+00
631	511.207	-62.6351	0.000000E+00
632	513.852	-67.0106	0.000000E+00
633	511.375	-66.1310	0.000000E+00
634	514.649	-59.9617	0.000000E+00
635	513.453	-59.0206	0.000000E+00
636	514.826	-63.4573	-0.143219E-13
637	513.628	-62.5163	0.000000E+00
638	515.003	-66.9528	0.000000E+00
639	513.802	-66.0119	0.000000E+00
640	515.921	-59.8967	0.000000E+00
641	514.598	-58.9630	0.000000E+00
642	516.101	-63.3921	-0.376921E-13
643	514.775	-62.4586	-0.143219E-13
644	516.281	-66.8874	0.000000E+00
645	514.952	-65.9541	0.000000E+00
646	518.336	-59.7704	0.000000E+00
647	515.869	-58.8981	0.000000E+00
648	518.521	-63.2654	0.000000E+00
649	516.049	-62.3934	-0.376921E-13
650	518.707	-66.7605	0.000000E+00
651	516.229	-65.8888	0.000000E+00
652	520.751	-59.6400	0.000000E+00
653	518.282	-58.7718	0.000000E+00
654	520.943	-63.1348	0.000000E+00
655	518.467	-62.2669	0.000000E+00
656	521.134	-66.6296	0.000000E+00
657	518.653	-65.7620	0.000000E+00
658	523.167	-59.5058	0.000000E+00
659	520.696	-58.6416	0.000000E+00
660	523.364	-63.0003	0.000000E+00
661	520.887	-62.1364	0.000000E+00
662	523.561	-66.4947	0.000000E+00
663	521.079	-65.6311	0.000000E+00
664	525.573	-59.3683	0.000000E+00
665	523.110	-58.5075	0.000000E+00
666	525.775	-62.8624	0.000000E+00
667	523.307	-62.0019	0.000000E+00
668	525.978	-66.3565	0.000000E+00
669	523.504	-65.4964	0.000000E+00
670	526.852	-59.2935	0.000000E+00
671	525.514	-58.3700	0.000000E+00
672	527.058	-62.7875	-0.287548E-13
673	525.717	-61.8641	0.000000E+00
674	527.263	-66.2814	0.000000E+00
675	525.920	-65.3582	0.000000E+00

676	527.998	-59.2257	0.000000E+00
677	526.793	-58.2953	0.000000E+00
678	528.206	-62.7195	0.000000E+00
679	526.999	-61.7893	-0.287548E-13
680	528.414	-66.2133	0.000000E+00
681	527.204	-65.2832	0.000000E+00
682	530.410	-59.0799	0.000000E+00
683	527.937	-58.2275	0.000000E+00
684	530.624	-62.5734	0.000000E+00
685	528.146	-61.7213	0.000000E+00
686	530.838	-66.0668	0.000000E+00
687	528.354	-65.2151	0.000000E+00
688	532.827	-58.9300	0.000000E+00
689	530.348	-58.0818	0.000000E+00
690	533.047	-62.4232	0.000000E+00
691	530.562	-61.5753	0.000000E+00
692	533.266	-65.9162	0.000000E+00
693	530.776	-65.0688	0.000000E+00
694	535.242	-58.7763	0.000000E+00
695	532.764	-57.9320	0.000000E+00
696	535.467	-62.2691	0.000000E+00
697	532.983	-61.4252	0.000000E+00
698	535.692	-65.7618	0.000000E+00
699	533.203	-64.9182	0.000000E+00
700	537.656	-58.6187	0.000000E+00
701	535.177	-57.7784	0.000000E+00
702	537.887	-62.1111	-0.454747E-12
703	535.402	-61.2712	0.000000E+00
704	538.118	-65.6035	0.000000E+00
705	535.627	-64.7639	0.000000E+00
706	538.801	-58.5427	0.000000E+00
707	537.590	-57.6209	0.000000E+00
708	539.034	-62.0349	0.252021E-13
709	537.821	-61.1133	-0.454747E-12
710	539.268	-65.5271	0.000000E+00
711	538.051	-64.6057	0.000000E+00
712	540.082	-58.4564	0.000000E+00
713	538.734	-57.5449	0.000000E+00
714	540.319	-61.9484	-0.105804E-12
715	538.967	-61.0372	0.252021E-13
716	540.555	-65.4404	0.000000E+00
717	539.201	-64.5293	0.000000E+00
718	542.484	-58.2919	0.000000E+00
719	540.014	-57.4587	0.000000E+00
720	542.726	-61.7835	0.000000E+00
721	540.250	-60.9507	-0.105804E-12
722	542.968	-65.2752	0.000000E+00
723	540.487	-64.4428	0.000000E+00
724	544.897	-58.1227	0.000000E+00
725	542.414	-57.2944	0.000000E+00
726	545.145	-61.6139	0.000000E+00
727	542.656	-60.7860	0.000000E+00
728	545.392	-65.1051	0.000000E+00
729	542.898	-64.2776	0.000000E+00
730	547.310	-57.9495	0.000000E+00
731	544.826	-57.1252	0.000000E+00
732	547.564	-61.4403	0.000000E+00
733	545.073	-60.6164	0.000000E+00
734	547.817	-64.9312	0.000000E+00
735	545.321	-64.1077	0.000000E+00
736	549.724	-57.7724	0.000000E+00
737	547.237	-56.9522	0.000000E+00
738	549.983	-61.2628	0.000000E+00
739	547.490	-60.4430	0.000000E+00
740	550.242	-64.7532	0.000000E+00
741	547.744	-63.9338	0.000000E+00
742	550.992	-57.6779	0.000000E+00
743	549.650	-56.7752	0.000000E+00
744	551.254	-61.1681	-0.999201E-15
745	549.909	-60.2656	0.000000E+00
746	551.515	-64.6582	0.000000E+00
747	550.168	-63.7560	0.000000E+00
748	552.136	-57.5916	0.000000E+00
749	550.916	-56.6807	0.000000E+00
750	552.400	-61.0815	0.000000E+00
751	551.178	-60.1709	-0.999201E-15
752	552.665	-64.5715	0.000000E+00
753	551.440	-63.6611	0.000000E+00
754	554.548	-57.4068	0.000000E+00
755	552.059	-56.5945	0.000000E+00
756	554.818	-60.8963	0.000000E+00
757	552.324	-60.0845	0.000000E+00
758	555.088	-64.3859	0.000000E+00
759	552.588	-63.5745	0.000000E+00
760	556.960	-57.2181	0.000000E+00
761	554.470	-56.4098	0.000000E+00
762	557.236	-60.7072	0.000000E+00
763	554.740	-59.8994	0.000000E+00
764	557.512	-64.1963	0.000000E+00
765	555.010	-63.3889	0.000000E+00
766	559.372	-57.0255	0.000000E+00
767	556.880	-56.2212	0.000000E+00
768	559.653	-60.5141	0.000000E+00
769	557.156	-59.7103	0.000000E+00
770	559.935	-64.0028	0.000000E+00
771	557.432	-63.1995	0.000000E+00
772	561.783	-56.8290	0.000000E+00
773	559.290	-56.0288	0.000000E+00
774	562.070	-60.3172	0.000000E+00
775	559.572	-59.5174	0.000000E+00
776	562.357	-63.8054	0.000000E+00
777	559.853	-63.0061	0.000000E+00
778	562.926	-56.7345	0.000000E+00
779	561.701	-55.8324	0.000000E+00
780	563.216	-60.2225	0.571210E-13

781	561.988	-59.3206	0.000000E+00
782	563.506	-63.7105	0.000000E+00
783	562.275	-62.8088	0.000000E+00
784	564.191	-56.6289	0.000000E+00
785	562.843	-55.7379	0.000000E+00
786	564.484	-60.1166	-0.116906E-12
787	563.133	-59.2260	0.571210E-13
788	564.776	-63.6043	0.000000E+00
789	563.423	-62.7139	0.000000E+00
790	566.605	-56.4244	0.000000E+00
791	564.107	-55.6324	0.000000E+00
792	566.903	-59.9116	0.000000E+00
793	564.399	-59.1202	-0.116906E-12
794	567.201	-63.3989	0.000000E+00
795	564.692	-62.6079	0.000000E+00
796	569.015	-56.2163	0.000000E+00
797	566.519	-55.4281	0.000000E+00
798	569.319	-59.7030	0.000000E+00
799	566.817	-58.9154	0.000000E+00
800	569.623	-63.1898	0.000000E+00
801	567.115	-62.4026	0.000000E+00
802	571.425	-56.0042	0.000000E+00
803	568.928	-55.2201	0.000000E+00
804	571.735	-59.4905	0.000000E+00
805	569.231	-58.7069	0.000000E+00
806	572.044	-62.9768	0.000000E+00
807	569.535	-62.1937	0.000000E+00
808	573.847	-55.7872	0.000000E+00
809	571.336	-55.0082	0.000000E+00
810	574.162	-59.2730	0.000000E+00
811	571.646	-58.4945	0.000000E+00
812	574.477	-62.7588	0.000000E+00
813	571.955	-61.9808	0.000000E+00
814	575.102	-55.6733	0.000000E+00
815	573.756	-54.7913	0.000000E+00
816	575.420	-59.1588	-0.257572E-13
817	574.071	-58.2771	0.000000E+00
818	575.738	-62.6443	0.000000E+00
819	574.387	-61.7629	0.000000E+00
820	576.244	-55.5686	0.000000E+00
821	575.010	-54.6775	0.000000E+00
822	576.565	-59.0538	0.000000E+00
823	575.329	-58.1630	-0.257572E-13
824	576.886	-62.5391	0.000000E+00
825	575.647	-61.6485	0.000000E+00
826	578.659	-55.3444	0.000000E+00
827	576.152	-54.5728	0.000000E+00
828	578.980	-58.8296	0.000000E+00
829	576.473	-58.0581	0.000000E+00
830	579.303	-62.3146	0.000000E+00
831	576.793	-61.5434	0.000000E+00
832	581.072	-55.1143	0.000000E+00
833	578.564	-54.3489	0.000000E+00
834	581.394	-58.6016	0.000000E+00
835	578.886	-57.8341	0.000000E+00
836	581.721	-62.0863	0.000000E+00
837	579.209	-61.3191	0.000000E+00
838	583.462	-54.8936	0.000000E+00
839	580.980	-54.1186	0.000000E+00
840	583.791	-58.3782	0.000000E+00
841	581.301	-57.6059	0.000000E+00
842	584.122	-61.8625	0.000000E+00
843	581.628	-61.0906	0.000000E+00
844	585.852	-54.6660	0.000000E+00
845	583.367	-53.8981	0.000000E+00
846	586.186	-58.1372	0.000000E+00
847	583.691	-57.3832	0.000000E+00
848	586.522	-61.6338	0.000000E+00
849	584.027	-60.8670	0.000000E+00
850	587.028	-54.5521	0.000000E+00
851	585.755	-53.6707	0.000000E+00
852	587.366	-58.0205	-0.473926E-14
853	586.087	-57.1421	0.000000E+00
854	587.706	-61.5193	0.000000E+00
855	586.426	-60.6385	0.000000E+00
856	588.241	-54.4158	0.000000E+00
857	586.917	-53.5584	0.000000E+00
858	588.590	-57.8984	-0.116573E-13
859	587.266	-57.0254	-0.473926E-14
860	588.939	-61.3810	0.000000E+00
861	587.595	-60.5255	0.000000E+00
862	590.629	-54.1963	0.000000E+00
863	588.150	-53.4200	0.000000E+00
864	590.976	-57.6575	0.000000E+00
865	588.489	-56.9034	-0.116573E-13
866	591.328	-61.1613	0.000000E+00
867	588.847	-60.3852	0.000000E+00
868	593.017	-53.9542	0.000000E+00
869	590.528	-53.2014	0.000000E+00
870	593.373	-57.4360	0.000000E+00
871	590.884	-56.6618	0.000000E+00
872	593.730	-60.9178	0.000000E+00
873	591.227	-60.1664	0.000000E+00
874	595.404	-53.7072	0.000000E+00
875	592.914	-52.9595	0.000000E+00
876	595.765	-57.1625	0.000000E+00
877	593.260	-56.4425	0.000000E+00
878	596.131	-60.6694	0.000000E+00
879	593.627	-59.9231	0.000000E+00
880	596.948	-53.5449	0.000000E+00
881	595.299	-52.7127	0.000000E+00
882	597.313	-56.9992	0.160982E-14
883	595.660	-56.1681	0.000000E+00
884	597.684	-60.5061	0.000000E+00
885	596.027	-59.6748	0.000000E+00

886	597.778	-53.4300	0.000000E+00
887	596.811	-52.5544	0.000000E+00
888	598.149	-56.9103	-0.166533E-14
889	597.208	-56.0048	0.160982E-14
890	598.520	-60.3906	0.000000E+00
891	597.548	-59.5155	0.000000E+00
892	600.177	-53.1988	0.000000E+00
893	597.682	-52.4346	0.000000E+00
894	600.552	-56.6522	0.000000E+00
895	598.042	-55.9160	-0.166533E-14
896	600.933	-60.1579	0.000000E+00
897	598.424	-59.3952	0.000000E+00
898	602.563	-52.9373	0.000000E+00
899	600.068	-52.2048	0.000000E+00
900	602.948	-56.4161	0.000000E+00
901	600.454	-55.6570	0.000000E+00
902	603.333	-59.8949	0.000000E+00
903	600.824	-59.1639	0.000000E+00
904	604.948	-52.6710	0.000000E+00
905	602.452	-51.9435	0.000000E+00
906	605.338	-56.1266	0.000000E+00
907	602.827	-55.4234	0.000000E+00
908	605.732	-59.6270	0.000000E+00
909	603.222	-58.9011	0.000000E+00
910	607.334	-52.3804	0.000000E+00
911	604.827	-51.6784	0.000000E+00
912	607.727	-55.8583	0.000000E+00
913	605.226	-55.1328	0.000000E+00
914	608.120	-59.3361	0.000000E+00
915	605.611	-58.6344	0.000000E+00
916	607.503	-52.3804	0.000000E+00
917	607.334	-51.3804	0.000000E+00
918	607.900	-55.8387	-0.280331E-13
919	607.615	-54.8646	0.000000E+00
920	608.302	-59.3347	0.000000E+00
921	608.113	-58.3361	0.000000E+00
922	609.717	-52.1239	0.000000E+00
923	607.388	-51.3870	0.000000E+00
924	610.121	-55.5856	0.000000E+00
925	607.787	-54.8452	-0.280331E-13
926	610.529	-59.0767	0.000000E+00
927	608.187	-58.3413	0.000000E+00
928	612.101	-51.8431	0.000000E+00
929	609.600	-51.1308	0.000000E+00
930	612.514	-55.3187	0.000000E+00
931	610.010	-54.5918	0.000000E+00
932	612.927	-58.7942	0.000000E+00
933	610.412	-58.0835	0.000000E+00
934	614.484	-51.5575	0.000000E+00
935	611.982	-50.8502	0.000000E+00
936	614.903	-55.0294	0.000000E+00
937	612.394	-54.3259	0.000000E+00
938	615.324	-58.5069	0.000000E+00
939	612.808	-57.8013	0.000000E+00
940	615.079	-51.4853	0.000000E+00
941	614.363	-50.5648	0.000000E+00
942	615.499	-54.9590	0.000000E+00
943	614.786	-54.0363	0.000000E+00
944	615.919	-58.4347	0.000000E+00
945	615.204	-57.5142	0.000000E+00
946	380.553	-59.0822	0.000000E+00
947	379.489	-60.7171	0.000000E+00
948	380.582	-58.3328	0.000000E+00
949	379.554	-59.0434	0.000000E+00
950	380.123	-70.1739	0.000000E+00
951	382.551	-70.2662	0.000000E+00
952	380.152	-69.4244	0.000000E+00
953	382.580	-69.5167	0.000000E+00
954	382.963	-59.1738	0.000000E+00
955	382.992	-58.4244	0.000000E+00
956	383.580	-69.5555	0.000000E+00
957	383.641	-67.8793	0.000000E+00
958	383.938	-64.3886	-0.593414E-13
959	381.606	-64.3018	-0.593414E-13
960	381.902	-60.8113	0.000000E+00
961	381.963	-59.1350	0.000000E+00
962	384.996	-70.3551	0.000000E+00
963	385.023	-69.6056	0.000000E+00
964	385.390	-59.2621	0.000000E+00
965	385.417	-58.5126	0.000000E+00
966	383.996	-70.3196	0.000000E+00
967	384.023	-69.5700	0.000000E+00
968	383.916	-67.8901	0.000000E+00
969	384.041	-64.3923	0.000000E+00
970	384.332	-60.9004	0.000000E+00
971	384.391	-59.2266	0.000000E+00
972	387.417	-70.4393	0.000000E+00
973	387.444	-69.6898	0.000000E+00
974	387.792	-59.3457	0.000000E+00
975	387.819	-58.5961	0.000000E+00
976	388.443	-69.7253	0.000000E+00
977	388.499	-68.0493	0.000000E+00
978	387.500	-68.0156	-2.50000
979	387.500	-69.0156	-2.50000
980	388.785	-64.5574	0.000000E+00
981	386.453	-64.4781	0.000000E+00
982	387.737	-61.0197	-2.50000
983	387.737	-62.0197	-2.50000
984	386.738	-60.9868	0.000000E+00
985	386.793	-59.3101	0.000000E+00
986	389.843	-70.5198	0.000000E+00
987	389.867	-69.7702	0.000000E+00
988	390.202	-59.4256	0.000000E+00
989	390.227	-58.6760	0.000000E+00
990	388.844	-70.4874	0.000000E+00

991	388.868	-69.7378	0.000000E+00
992	388.756	-68.0582	0.000000E+00
993	388.869	-64.5601	0.000000E+00
994	389.149	-61.0673	0.000000E+00
995	389.203	-59.3932	0.000000E+00
996	392.283	-70.5968	0.000000E+00
997	392.307	-69.8472	0.000000E+00
998	392.623	-59.5020	0.000000E+00
999	392.647	-58.7524	0.000000E+00
1000	393.307	-69.8795	0.000000E+00
1001	393.358	-68.2035	0.000000E+00
1002	393.632	-64.7104	0.341061E-12
1003	391.300	-64.6387	0.341061E-12
1004	391.574	-61.1468	0.000000E+00
1005	391.623	-59.4696	0.000000E+00
1006	394.717	-70.6696	0.000000E+00
1007	394.739	-69.9200	0.000000E+00
1008	395.041	-59.5744	0.000000E+00
1009	395.063	-58.8247	0.000000E+00
1010	393.718	-70.6405	0.000000E+00
1011	393.740	-69.8908	0.000000E+00
1012	393.622	-68.2116	0.000000E+00
1013	393.724	-64.7131	-0.587863E-13
1014	393.992	-61.2194	0.000000E+00
1015	394.041	-59.5452	0.000000E+00
1016	397.152	-70.7386	0.000000E+00
1017	397.174	-69.9889	0.000000E+00
1018	397.456	-59.6428	0.000000E+00
1019	397.478	-58.8931	0.000000E+00
1020	398.174	-70.0180	0.000000E+00
1021	398.217	-68.3406	0.000000E+00
1022	398.480	-64.8478	0.000000E+00
1023	396.148	-64.7836	0.000000E+00
1024	396.411	-61.2897	0.000000E+00
1025	396.457	-59.6136	0.000000E+00
1026	399.586	-70.8016	0.000000E+00
1027	399.606	-70.0519	0.000000E+00
1028	399.872	-59.7053	0.000000E+00
1029	399.892	-58.9556	0.000000E+00
1030	398.586	-70.7741	0.000000E+00
1031	398.607	-70.0228	0.000000E+00
1032	398.489	-68.3493	0.000000E+00
1033	398.579	-64.8505	0.000000E+00
1034	398.836	-61.3606	0.000000E+00
1035	398.872	-59.6778	0.000000E+00
1036	402.019	-70.8647	0.000000E+00
1037	402.039	-70.1149	0.000000E+00
1038	402.287	-59.7679	0.000000E+00
1039	402.307	-59.0182	0.000000E+00
1040	403.038	-70.1408	0.000000E+00
1041	403.077	-68.4635	0.000000E+00
1042	403.329	-64.9697	0.000000E+00
1043	400.996	-64.9130	0.000000E+00
1044	401.248	-61.4184	0.000000E+00
1045	401.288	-59.7420	0.000000E+00
1046	404.453	-70.9199	0.000000E+00
1047	404.471	-70.1701	0.000000E+00
1048	404.703	-59.8227	0.000000E+00
1049	404.721	-59.0729	0.000000E+00
1050	403.453	-70.8956	0.000000E+00
1051	403.471	-70.1552	0.000000E+00
1052	403.330	-68.4706	0.000000E+00
1053	403.409	-64.9715	0.000000E+00
1054	403.655	-61.4699	0.000000E+00
1055	403.704	-59.7984	0.000000E+00
1056	406.887	-70.9750	0.000000E+00
1057	406.904	-70.2252	0.000000E+00
1058	407.119	-59.8775	0.000000E+00
1059	407.136	-59.1277	0.000000E+00
1060	407.903	-70.2479	0.000000E+00
1061	407.937	-68.5708	0.000000E+00
1062	408.178	-65.0759	0.522637E-13
1063	405.845	-65.0267	0.522637E-13
1064	406.085	-61.5316	0.000000E+00
1065	406.119	-59.8548	0.000000E+00
1066	409.320	-71.0224	0.000000E+00
1067	409.336	-70.2726	0.000000E+00
1068	409.532	-59.9264	0.000000E+00
1069	409.547	-59.1765	0.000000E+00
1070	408.321	-71.0013	0.000000E+00
1071	408.336	-70.2538	0.000000E+00
1072	408.201	-68.5770	0.000000E+00
1073	408.269	-65.0777	0.000000E+00
1074	408.504	-61.5840	0.000000E+00
1075	408.532	-59.9069	0.000000E+00
1076	411.754	-71.0697	0.000000E+00
1077	411.769	-70.3199	0.000000E+00
1078	411.951	-59.9715	0.000000E+00
1079	411.966	-59.2216	0.000000E+00
1080	412.769	-70.3393	0.000000E+00
1081	412.798	-68.6624	0.000000E+00
1082	413.027	-65.1664	0.000000E+00
1083	410.694	-65.1248	0.000000E+00
1084	410.923	-61.6293	0.000000E+00
1085	410.951	-59.9520	0.000000E+00
1086	414.188	-71.1092	0.000000E+00
1087	414.202	-70.3593	0.000000E+00
1088	414.367	-60.0107	0.000000E+00
1089	414.380	-59.2608	0.000000E+00
1090	413.188	-71.0914	0.000000E+00
1091	413.202	-70.3435	0.000000E+00
1092	413.062	-68.6675	0.000000E+00
1093	413.118	-65.1680	-0.333067E-14
1094	413.342	-61.6722	0.000000E+00
1095	413.367	-59.9928	0.000000E+00

1096	416.622	-71.1487	0.000000E+00
1097	416.634	-70.3988	0.000000E+00
1098	416.783	-60.0499	0.000000E+00
1099	416.795	-59.3000	0.000000E+00
1100	417.634	-70.4150	0.000000E+00
1101	417.658	-68.7383	0.000000E+00
1102	417.876	-65.2413	-0.189293E-13
1103	415.543	-65.2072	-0.189293E-13
1104	415.761	-61.7113	0.000000E+00
1105	415.783	-60.0337	0.000000E+00
1106	419.056	-71.1804	0.000000E+00
1107	419.067	-70.4305	0.000000E+00
1108	419.199	-60.0813	0.000000E+00
1109	419.210	-59.3314	0.000000E+00
1110	418.056	-71.1658	0.000000E+00
1111	418.067	-70.4111	0.000000E+00
1112	417.933	-68.7425	0.000000E+00
1113	417.979	-65.2428	-0.376921E-13
1114	418.191	-61.7530	0.000000E+00
1115	418.200	-60.0667	0.000000E+00
1116	421.490	-71.2120	0.000000E+00
1117	421.500	-70.4621	0.000000E+00
1118	421.616	-60.1127	0.000000E+00
1119	421.625	-59.3628	0.000000E+00
1120	422.500	-70.4751	0.000000E+00
1121	422.519	-68.7986	0.000000E+00
1122	422.726	-65.3006	0.000000E+00
1123	420.393	-65.2741	0.000000E+00
1124	420.599	-61.7777	0.000000E+00
1125	420.616	-60.0997	0.000000E+00
1126	423.926	-71.2358	0.000000E+00
1127	423.935	-70.4859	0.000000E+00
1128	424.033	-60.1364	0.000000E+00
1129	424.042	-59.3864	0.000000E+00
1130	422.926	-71.2245	0.000000E+00
1131	422.935	-70.4767	0.000000E+00
1132	422.783	-68.8014	0.000000E+00
1133	422.817	-65.3016	0.000000E+00
1134	423.018	-61.8042	0.000000E+00
1135	423.033	-60.1250	0.000000E+00
1136	426.361	-71.2597	0.000000E+00
1137	426.369	-70.5097	0.000000E+00
1138	426.451	-60.1600	0.000000E+00
1139	426.458	-59.4101	0.000000E+00
1140	427.369	-70.5195	0.000000E+00
1141	427.380	-68.8416	0.000000E+00
1142	427.576	-65.3443	0.000000E+00
1143	425.242	-65.3252	0.000000E+00
1144	425.438	-61.8269	0.000000E+00
1145	425.451	-60.1502	0.000000E+00
1146	428.796	-71.2756	0.000000E+00
1147	428.802	-70.5256	0.000000E+00
1148	428.867	-60.1759	0.000000E+00
1149	428.873	-59.4259	0.000000E+00
1150	427.796	-71.2674	0.000000E+00
1151	427.802	-70.5206	0.000000E+00
1152	427.644	-68.8449	0.000000E+00
1153	427.667	-65.3450	0.000000E+00
1154	427.856	-61.8461	0.000000E+00
1155	427.867	-60.1677	0.000000E+00
1156	431.230	-71.2916	0.000000E+00
1157	431.235	-70.5416	0.000000E+00
1158	431.284	-60.1917	0.000000E+00
1159	431.289	-59.4417	0.000000E+00
1160	432.235	-70.5481	0.000000E+00
1161	432.242	-68.8705	0.000000E+00
1162	432.426	-65.3723	-0.154321E-13
1163	430.092	-65.3608	-0.154321E-13
1164	430.276	-61.8621	0.000000E+00
1165	430.284	-60.1851	0.000000E+00
1166	433.664	-71.2997	0.000000E+00
1167	433.668	-70.5497	0.000000E+00
1168	433.700	-60.1997	0.000000E+00
1169	433.704	-59.4497	0.000000E+00
1170	432.664	-71.2947	0.000000E+00
1171	432.668	-70.5472	0.000000E+00
1172	432.506	-68.8727	0.000000E+00
1173	432.517	-65.3727	0.000000E+00
1174	432.695	-61.8739	0.000000E+00
1175	432.700	-60.1948	0.000000E+00
1176	436.099	-71.3078	0.000000E+00
1177	436.101	-70.5578	0.000000E+00
1178	436.116	-60.2078	0.000000E+00
1179	436.119	-59.4578	0.000000E+00
1180	437.101	-70.5611	0.000000E+00
1181	437.103	-68.8837	0.000000E+00
1182	436.103	-68.8827	-2.50000
1183	436.103	-69.8827	-2.50000
1184	437.275	-65.3848	0.000000E+00
1185	434.942	-65.3808	0.000000E+00
1186	436.115	-61.8827	-2.50000
1187	436.115	-62.8827	-2.50000
1188	435.115	-61.8817	0.000000E+00
1189	435.116	-60.2045	0.000000E+00
1190	438.533	-71.3080	0.000000E+00
1191	438.534	-70.5580	0.000000E+00
1192	438.533	-60.2080	0.000000E+00
1193	438.534	-59.4580	0.000000E+00
1194	437.533	-71.3063	0.000000E+00
1195	437.534	-70.5585	0.000000E+00
1196	437.367	-68.8848	0.000000E+00
1197	437.367	-65.3848	0.000000E+00
1198	437.534	-61.8857	0.000000E+00
1199	437.533	-60.2063	0.000000E+00
1200	440.949	-60.2083	0.000000E+00

1201	440.949	-59.4583	0.000000E+00
1202	440.967	-71.3083	0.000000E+00
1203	440.967	-70.5583	0.000000E+00
1204	439.949	-60.2082	0.000000E+00
1205	439.954	-61.8857	0.000000E+00
1206	439.792	-65.3850	0.113687E-12
1207	442.125	-65.3815	0.113687E-12
1208	441.964	-68.8813	0.000000E+00
1209	441.967	-70.5584	0.000000E+00
1210	443.366	-60.2008	0.000000E+00
1211	443.365	-59.4508	0.000000E+00
1212	443.402	-71.3007	0.000000E+00
1213	443.400	-70.5507	0.000000E+00
1214	442.366	-60.2023	0.000000E+00
1215	442.368	-61.8791	0.000000E+00
1216	442.213	-65.3813	0.399680E-14
1217	442.223	-68.8812	0.000000E+00
1218	442.400	-70.5569	0.000000E+00
1219	442.402	-71.3022	0.000000E+00
1220	445.780	-59.4432	0.000000E+00
1221	445.782	-60.1932	0.000000E+00
1222	445.834	-70.5431	0.000000E+00
1223	445.836	-71.2931	0.000000E+00
1224	444.782	-60.1964	0.000000E+00
1225	444.792	-61.8742	0.000000E+00
1226	444.642	-65.3736	0.000000E+00
1227	446.975	-65.3626	0.000000E+00
1228	446.825	-68.8632	0.000000E+00
1229	446.834	-70.5400	0.000000E+00
1230	448.196	-59.4279	0.000000E+00
1231	448.200	-60.1779	0.000000E+00
1232	448.268	-70.5277	0.000000E+00
1233	448.271	-71.2777	0.000000E+00
1234	447.200	-60.1826	0.000000E+00
1235	447.212	-61.8617	0.000000E+00
1236	447.067	-65.3621	0.000000E+00
1237	447.089	-68.8620	0.000000E+00
1238	447.268	-70.5348	0.000000E+00
1239	447.271	-71.2824	0.000000E+00
1240	450.613	-59.4126	0.000000E+00
1241	450.618	-60.1626	0.000000E+00
1242	450.702	-70.5122	0.000000E+00
1243	450.707	-71.2622	0.000000E+00
1244	449.618	-60.1689	0.000000E+00
1245	449.631	-61.8454	0.000000E+00
1246	449.492	-65.3466	0.000000E+00
1247	451.825	-65.3281	0.000000E+00
1248	451.687	-68.8278	0.000000E+00
1249	451.702	-70.5059	0.000000E+00
1250	453.028	-59.3895	0.000000E+00
1251	453.034	-60.1395	0.000000E+00
1252	453.135	-70.4890	0.000000E+00
1253	453.141	-71.2389	0.000000E+00
1254	452.034	-60.1474	0.000000E+00
1255	452.060	-61.8319	0.000000E+00
1256	451.927	-65.3272	0.000000E+00
1257	451.961	-68.8270	0.000000E+00
1258	452.135	-70.4937	0.000000E+00
1259	452.141	-71.2469	0.000000E+00
1260	455.443	-59.3664	0.000000E+00
1261	455.450	-60.1163	0.000000E+00
1262	455.568	-70.4657	0.000000E+00
1263	455.575	-71.2156	0.000000E+00
1264	454.450	-60.1259	0.000000E+00
1265	454.469	-61.8026	0.000000E+00
1266	454.342	-65.3040	0.000000E+00
1267	456.675	-65.2779	0.000000E+00
1268	456.548	-68.7784	0.000000E+00
1269	456.568	-70.4561	0.000000E+00
1270	457.858	-59.3355	0.000000E+00
1271	457.866	-60.0854	0.000000E+00
1272	458.001	-70.4346	0.000000E+00
1273	458.010	-71.1845	0.000000E+00
1274	456.866	-60.0966	0.000000E+00
1275	456.880	-61.7703	0.000000E+00
1276	456.758	-65.2769	0.000000E+00
1277	456.803	-68.7766	0.000000E+00
1278	457.001	-70.4536	0.000000E+00
1279	457.010	-71.1957	0.000000E+00
1280	460.273	-59.3046	0.000000E+00
1281	460.283	-60.0545	0.000000E+00
1282	460.434	-70.4034	0.000000E+00
1283	460.444	-71.1534	0.000000E+00
1284	459.283	-60.0673	0.000000E+00
1285	459.308	-61.7442	0.000000E+00
1286	459.192	-65.2457	0.000000E+00
1287	461.525	-65.2121	0.000000E+00
1288	461.408	-68.7133	0.000000E+00
1289	461.434	-70.3906	0.000000E+00
1290	462.688	-59.2659	0.000000E+00
1291	462.699	-60.0158	0.000000E+00
1292	462.867	-70.3645	0.000000E+00
1293	462.878	-71.1144	0.000000E+00
1294	461.699	-60.0302	0.000000E+00
1295	461.727	-61.7092	0.000000E+00
1296	461.616	-65.2107	0.000000E+00
1297	461.672	-68.7103	0.000000E+00
1298	461.867	-70.3812	0.000000E+00
1299	461.878	-71.1288	0.000000E+00
1300	465.103	-59.2272	0.000000E+00
1301	465.115	-59.9772	0.000000E+00
1302	465.300	-70.3255	0.000000E+00
1303	465.312	-71.0754	0.000000E+00
1304	464.115	-59.9932	0.000000E+00
1305	464.146	-61.6703	0.000000E+00

1306	464.041	-65.1718	0.000000E+00
1307	466.374	-65.1307	0.000000E+00
1308	466.269	-68.6325	0.000000E+00
1309	466.300	-70.3095	0.000000E+00
1310	467.518	-59.1808	0.000000E+00
1311	467.531	-59.9307	0.000000E+00
1312	467.732	-70.2787	0.000000E+00
1313	467.746	-71.0286	0.000000E+00
1314	466.531	-59.9483	0.000000E+00
1315	466.571	-61.6309	0.000000E+00
1316	466.472	-65.1289	-0.843769E-14
1317	466.539	-68.6282	0.000000E+00
1318	466.732	-70.2947	0.000000E+00
1319	466.746	-71.0462	0.000000E+00
1320	469.932	-59.1343	0.000000E+00
1321	469.947	-59.8842	0.000000E+00
1322	470.165	-70.2319	0.000000E+00
1323	470.179	-70.9818	0.000000E+00
1324	468.947	-59.9034	0.000000E+00
1325	468.984	-61.5807	0.000000E+00
1326	468.890	-65.0823	0.000000E+00
1327	471.223	-65.0336	0.000000E+00
1328	471.129	-68.5360	0.000000E+00
1329	471.165	-70.2127	0.000000E+00
1330	472.347	-59.0801	0.000000E+00
1331	472.363	-59.8299	0.000000E+00
1332	472.598	-70.1772	0.000000E+00
1333	472.613	-70.9271	0.000000E+00
1334	471.363	-59.8508	0.000000E+00
1335	471.403	-61.5300	0.000000E+00
1336	471.315	-65.0317	0.000000E+00
1337	471.393	-68.5308	0.000000E+00
1338	471.598	-70.1999	0.000000E+00
1339	471.613	-70.9479	0.000000E+00
1340	474.762	-59.0258	0.000000E+00
1341	474.778	-59.7757	0.000000E+00
1342	475.030	-70.1226	0.000000E+00
1343	475.047	-70.8724	0.000000E+00
1344	473.779	-59.7981	0.000000E+00
1345	473.821	-61.4755	0.000000E+00
1346	473.739	-64.9771	0.000000E+00
1347	476.072	-64.9209	0.000000E+00
1348	475.989	-68.4239	0.000000E+00
1349	476.030	-70.1001	0.000000E+00
1350	477.177	-58.9638	0.000000E+00
1351	477.195	-59.7136	0.000000E+00
1352	477.464	-70.0601	0.000000E+00
1353	477.482	-70.8099	0.000000E+00
1354	476.196	-59.7376	0.000000E+00
1355	476.235	-61.4133	0.000000E+00
1356	476.158	-64.9188	0.000000E+00
1357	476.248	-68.4176	0.000000E+00
1358	476.464	-70.0896	0.000000E+00
1359	476.482	-70.8339	0.000000E+00
1360	479.593	-58.9017	0.000000E+00
1361	479.612	-59.6515	0.000000E+00
1362	479.897	-69.9975	0.000000E+00
1363	479.917	-70.7473	0.000000E+00
1364	478.613	-59.6771	0.000000E+00
1365	478.659	-61.3532	0.000000E+00
1366	478.588	-64.8563	0.000000E+00
1367	480.920	-64.7926	0.000000E+00
1368	480.849	-68.2945	0.000000E+00
1369	480.897	-69.9719	0.000000E+00
1370	482.007	-58.8319	0.000000E+00
1371	482.028	-59.5816	0.000000E+00
1372	482.329	-69.9272	0.000000E+00
1373	482.350	-70.6769	0.000000E+00
1374	481.028	-59.6089	0.000000E+00
1375	481.077	-61.2869	0.000000E+00
1376	481.012	-64.7901	0.000000E+00
1377	481.113	-68.2886	0.000000E+00
1378	481.330	-69.9573	0.000000E+00
1379	481.350	-70.7042	0.000000E+00
1380	484.421	-58.7621	0.000000E+00
1381	484.443	-59.5118	0.000000E+00
1382	484.761	-69.8569	0.000000E+00
1383	484.783	-70.6066	0.000000E+00
1384	483.444	-59.5407	0.000000E+00
1385	483.495	-61.2168	0.000000E+00
1386	484.495	-61.1859	-2.50000
1387	484.495	-62.1859	-2.50000
1388	483.436	-64.7199	0.000000E+00
1389	485.768	-64.6487	0.000000E+00
1390	484.708	-68.1827	-2.50000
1391	484.708	-69.1827	-2.50000
1392	485.708	-68.1510	0.000000E+00
1393	485.761	-69.8280	0.000000E+00
1394	486.835	-58.6845	0.000000E+00
1395	486.858	-59.4341	0.000000E+00
1396	487.193	-69.7787	0.000000E+00
1397	487.216	-70.5284	0.000000E+00
1398	485.859	-59.4647	0.000000E+00
1399	485.914	-61.1428	0.000000E+00
1400	485.859	-64.6458	0.000000E+00
1401	485.972	-68.1440	0.000000E+00
1402	486.194	-69.8118	0.000000E+00
1403	486.217	-70.5589	0.000000E+00
1404	489.249	-58.6069	0.000000E+00
1405	489.274	-59.3565	0.000000E+00
1406	489.625	-69.7005	0.000000E+00
1407	489.649	-70.4501	0.000000E+00
1408	488.274	-59.3886	0.000000E+00
1409	488.332	-61.0648	0.000000E+00
1410	488.283	-64.5678	0.000000E+00

1411	490.615	-64.4891	0.000000E+00
1412	490.567	-67.9919	0.000000E+00
1413	490.625	-69.6684	0.000000E+00
1414	491.663	-58.5215	0.000000E+00
1415	491.688	-59.2711	0.000000E+00
1416	492.057	-69.6145	0.000000E+00
1417	492.082	-70.3641	0.000000E+00
1418	490.689	-59.3048	0.000000E+00
1419	490.740	-60.9778	0.000000E+00
1420	490.698	-64.4862	-0.383027E-13
1421	490.821	-67.9840	0.000000E+00
1422	491.058	-69.6561	0.000000E+00
1423	491.083	-70.3978	0.000000E+00
1424	494.077	-58.4361	0.000000E+00
1425	494.103	-59.1857	0.000000E+00
1426	494.488	-69.5285	0.000000E+00
1427	494.515	-70.2780	0.000000E+00
1428	493.104	-59.2210	0.000000E+00
1429	493.168	-60.8973	0.000000E+00
1430	493.130	-64.4001	0.000000E+00
1431	495.462	-64.3139	0.000000E+00
1432	495.425	-67.8171	0.000000E+00
1433	495.488	-69.4932	0.000000E+00
1434	496.490	-58.3430	0.000000E+00
1435	496.518	-59.0925	0.000000E+00
1436	496.920	-69.4347	0.000000E+00
1437	496.947	-70.1841	0.000000E+00
1438	495.519	-59.1294	0.000000E+00
1439	495.585	-60.8077	0.000000E+00
1440	495.554	-64.3104	0.000000E+00
1441	495.689	-67.8078	0.000000E+00
1442	495.920	-69.4736	0.000000E+00
1443	495.948	-70.2211	0.000000E+00
1444	498.904	-58.2498	0.000000E+00
1445	498.933	-58.9993	0.000000E+00
1446	499.351	-69.3408	0.000000E+00
1447	499.380	-70.0902	0.000000E+00
1448	497.933	-59.0378	0.000000E+00
1449	498.003	-60.7141	0.000000E+00
1450	497.977	-64.2168	0.000000E+00
1451	500.308	-64.1231	0.000000E+00
1452	500.282	-67.6267	0.000000E+00
1453	500.350	-69.3022	0.000000E+00
1454	501.317	-58.1489	0.000000E+00
1455	501.347	-58.8983	0.000000E+00
1456	501.782	-69.2391	0.000000E+00
1457	501.812	-69.9885	0.000000E+00
1458	500.348	-58.9385	0.000000E+00
1459	500.426	-60.6198	0.000000E+00
1460	500.405	-64.1191	0.000000E+00
1461	500.552	-67.6160	0.000000E+00
1462	500.783	-69.2777	0.000000E+00
1463	500.813	-70.0287	0.000000E+00
1464	503.730	-58.0479	0.000000E+00
1465	503.761	-58.7973	0.000000E+00
1466	504.213	-69.1374	0.000000E+00
1467	504.244	-69.8868	0.000000E+00
1468	502.762	-58.8391	0.000000E+00
1469	502.837	-60.5154	0.000000E+00
1470	502.823	-64.0179	0.000000E+00
1471	505.154	-63.9166	0.000000E+00
1472	505.139	-67.4206	0.000000E+00
1473	505.212	-69.0956	0.000000E+00
1474	506.144	-57.9392	0.000000E+00
1475	506.177	-58.6885	0.000000E+00
1476	506.645	-69.0278	0.000000E+00
1477	506.677	-69.7771	0.000000E+00
1478	505.177	-58.7319	0.000000E+00
1479	505.254	-60.4094	0.000000E+00
1480	505.245	-63.9126	0.000000E+00
1481	505.403	-67.4090	0.000000E+00
1482	505.646	-69.0735	0.000000E+00
1483	505.678	-69.8205	0.000000E+00
1484	508.558	-57.8304	0.000000E+00
1485	508.592	-58.5796	0.000000E+00
1486	509.077	-68.9183	0.000000E+00
1487	509.111	-69.6675	0.000000E+00
1488	507.593	-58.6246	0.000000E+00
1489	507.671	-60.2995	0.000000E+00
1490	507.668	-63.8033	0.000000E+00
1491	509.999	-63.6945	0.000000E+00
1492	509.995	-67.1972	0.000000E+00
1493	510.076	-68.8732	0.000000E+00
1494	510.970	-57.7139	0.000000E+00
1495	511.005	-58.4631	0.000000E+00
1496	511.507	-68.8009	0.000000E+00
1497	511.542	-69.5501	0.000000E+00
1498	510.007	-58.5097	0.000000E+00
1499	510.088	-60.1865	0.000000E+00
1500	510.090	-63.6902	0.000000E+00
1501	510.259	-67.1861	0.000000E+00
1502	510.508	-68.8503	0.000000E+00
1503	510.543	-69.5967	0.000000E+00
1504	513.383	-57.5974	0.000000E+00
1505	513.419	-58.3465	0.000000E+00
1506	513.937	-68.6835	0.000000E+00
1507	513.974	-69.4327	0.000000E+00
1508	512.420	-58.3948	0.000000E+00
1509	512.505	-60.0696	0.000000E+00
1510	512.513	-63.5731	0.000000E+00
1511	514.843	-63.4568	0.000000E+00
1512	514.851	-66.9598	0.000000E+00
1513	514.936	-68.6353	0.000000E+00
1514	515.795	-57.4731	0.000000E+00
1515	515.832	-58.2222	0.000000E+00

1516	516.367	-68.5583	0.000000E+00
1517	516.405	-69.3074	0.000000E+00
1518	514.834	-58.2720	0.000000E+00
1519	514.922	-59.9497	0.000000E+00
1520	514.936	-63.4521	-0.376921E-13
1521	515.116	-66.9475	0.000000E+00
1522	515.369	-68.6097	0.000000E+00
1523	515.406	-69.3573	0.000000E+00
1524	518.207	-57.3488	0.000000E+00
1525	518.246	-58.0979	0.000000E+00
1526	518.797	-68.4331	0.000000E+00
1527	518.836	-69.1822	0.000000E+00
1528	517.247	-58.1493	0.000000E+00
1529	517.337	-59.8242	0.000000E+00
1530	517.356	-63.3273	0.000000E+00
1531	519.686	-63.2035	0.000000E+00
1532	519.706	-66.7067	0.000000E+00
1533	519.796	-68.3817	0.000000E+00
1534	520.619	-57.2168	0.000000E+00
1535	520.658	-57.9657	0.000000E+00
1536	521.227	-68.3001	0.000000E+00
1537	521.266	-69.0491	0.000000E+00
1538	519.660	-58.0188	0.000000E+00
1539	519.753	-59.6956	0.000000E+00
1540	519.778	-63.1986	0.000000E+00
1541	519.969	-66.6934	0.000000E+00
1542	520.228	-68.3554	0.000000E+00
1543	520.268	-69.1021	0.000000E+00
1544	523.030	-57.0847	0.000000E+00
1545	523.071	-57.8336	0.000000E+00
1546	523.656	-68.1671	0.000000E+00
1547	523.697	-68.9160	0.000000E+00
1548	522.073	-57.8883	0.000000E+00
1549	522.169	-59.5631	0.000000E+00
1550	522.199	-63.0659	0.000000E+00
1551	524.529	-62.9346	0.000000E+00
1552	524.559	-66.4380	0.000000E+00
1553	524.655	-68.1124	0.000000E+00
1554	525.441	-56.9449	0.000000E+00
1555	525.484	-57.6937	0.000000E+00
1556	526.085	-68.0262	0.000000E+00
1557	526.127	-68.7750	0.000000E+00
1558	524.485	-57.7500	0.000000E+00
1559	524.574	-59.4214	0.000000E+00
1560	524.611	-62.9299	0.000000E+00
1561	524.813	-66.4240	0.000000E+00
1562	525.087	-68.0903	0.000000E+00
1563	525.129	-68.8313	0.000000E+00
1564	527.852	-56.8051	0.000000E+00
1565	527.896	-57.5538	0.000000E+00
1566	528.514	-67.8854	0.000000E+00
1567	528.558	-68.6341	0.000000E+00
1568	526.898	-57.6117	0.000000E+00
1569	527.000	-59.2865	0.000000E+00
1570	527.041	-62.7889	0.000000E+00
1571	529.371	-62.6501	0.000000E+00
1572	529.412	-66.1536	0.000000E+00
1573	529.512	-67.8275	0.000000E+00
1574	530.264	-56.6574	0.000000E+00
1575	530.309	-57.4061	0.000000E+00
1576	530.944	-67.7366	0.000000E+00
1577	530.989	-68.4853	0.000000E+00
1578	529.311	-57.4656	0.000000E+00
1579	529.412	-59.1402	0.000000E+00
1580	529.460	-62.6447	0.000000E+00
1581	529.673	-66.1381	0.000000E+00
1582	529.946	-67.8000	0.000000E+00
1583	529.990	-68.5448	0.000000E+00
1584	532.676	-56.5098	0.000000E+00
1585	532.722	-57.2584	0.000000E+00
1586	533.374	-67.5878	0.000000E+00
1587	533.420	-68.3364	0.000000E+00
1588	531.724	-57.3195	0.000000E+00
1589	531.829	-58.9927	0.000000E+00
1590	532.827	-58.9300	-2.50000
1591	532.827	-59.9300	-2.50000
1592	531.882	-62.4963	0.000000E+00
1593	534.211	-62.3500	0.000000E+00
1594	533.266	-65.9162	-2.50000
1595	533.266	-66.9162	-2.50000
1596	534.264	-65.8520	0.000000E+00
1597	534.372	-67.5267	0.000000E+00
1598	535.087	-56.3544	0.000000E+00
1599	535.134	-57.1029	0.000000E+00
1600	535.802	-67.4313	0.000000E+00
1601	535.849	-68.1798	0.000000E+00
1602	534.136	-57.1656	0.000000E+00
1603	534.244	-58.8408	0.000000E+00
1604	534.303	-62.3441	0.000000E+00
1605	534.528	-65.8369	0.000000E+00
1606	534.804	-67.4970	0.000000E+00
1607	534.851	-68.2425	0.000000E+00
1608	537.497	-56.1990	0.000000E+00
1609	537.545	-56.9475	0.000000E+00
1610	538.230	-67.2748	0.000000E+00
1611	538.278	-68.0232	0.000000E+00
1612	536.547	-57.0118	0.000000E+00
1613	536.658	-58.6849	0.000000E+00
1614	536.723	-62.1880	-0.454747E-12
1615	539.051	-62.0342	-0.454747E-12
1616	539.115	-65.5364	0.000000E+00
1617	539.228	-67.2105	0.000000E+00
1618	539.907	-56.0359	0.000000E+00
1619	539.956	-56.7842	0.000000E+00
1620	540.658	-67.1104	0.000000E+00

1621	540.707	-67.8588	0.000000E+00
1622	538.958	-56.8502	0.000000E+00
1623	539.085	-58.5317	0.000000E+00
1624	539.155	-62.0272	-0.105804E-12
1625	539.391	-65.5192	0.000000E+00
1626	539.659	-67.1716	0.000000E+00
1627	539.709	-67.9247	0.000000E+00
1628	542.316	-55.8727	0.000000E+00
1629	542.367	-56.6210	0.000000E+00
1630	543.085	-66.9461	0.000000E+00
1631	543.136	-67.6944	0.000000E+00
1632	541.369	-56.6886	0.000000E+00
1633	541.486	-58.3616	0.000000E+00
1634	541.562	-61.8642	0.000000E+00
1635	543.890	-61.7028	0.000000E+00
1636	543.965	-65.2051	0.000000E+00
1637	544.083	-66.8785	0.000000E+00
1638	544.725	-55.7018	0.000000E+00
1639	544.777	-56.4500	0.000000E+00
1640	545.512	-66.7739	0.000000E+00
1641	545.564	-67.5221	0.000000E+00
1642	543.780	-56.5192	0.000000E+00
1643	543.900	-58.1941	0.000000E+00
1644	543.981	-61.6964	0.000000E+00
1645	544.229	-65.1877	0.000000E+00
1646	544.515	-66.8454	0.000000E+00
1647	544.566	-67.5913	0.000000E+00
1648	547.135	-55.5309	0.000000E+00
1649	547.188	-56.2791	0.000000E+00
1650	547.939	-66.6017	0.000000E+00
1651	547.992	-67.3499	0.000000E+00
1652	546.190	-56.3498	0.000000E+00
1653	546.313	-58.0227	0.000000E+00
1654	546.400	-61.5248	0.000000E+00
1655	548.727	-61.3559	0.000000E+00
1656	548.814	-64.8582	0.000000E+00
1657	548.937	-66.5310	0.000000E+00
1658	549.543	-55.3523	0.000000E+00
1659	549.598	-56.1003	0.000000E+00
1660	550.366	-66.4217	0.000000E+00
1661	550.420	-67.1698	0.000000E+00
1662	548.600	-56.1727	0.000000E+00
1663	548.727	-57.8479	0.000000E+00
1664	548.820	-61.3491	0.000000E+00
1665	549.078	-64.8395	0.000000E+00
1666	549.368	-66.4957	0.000000E+00
1667	549.422	-67.2421	0.000000E+00
1668	551.952	-55.1736	0.000000E+00
1669	552.007	-55.9215	0.000000E+00
1670	552.792	-66.2417	0.000000E+00
1671	552.848	-66.9897	0.000000E+00
1672	551.010	-55.9955	0.000000E+00
1673	551.139	-57.6682	0.000000E+00
1674	551.237	-61.1697	0.000000E+00
1675	553.564	-60.9934	0.000000E+00
1676	553.662	-64.4956	0.000000E+00
1677	553.789	-66.1678	0.000000E+00
1678	554.360	-54.9872	0.000000E+00
1679	554.417	-55.7350	0.000000E+00
1680	555.218	-66.0539	0.000000E+00
1681	555.275	-66.8018	0.000000E+00
1682	553.419	-55.8106	0.000000E+00
1683	553.551	-57.4852	0.000000E+00
1684	553.655	-60.9864	0.000000E+00
1685	553.925	-64.4759	0.000000E+00
1686	554.221	-66.1313	0.000000E+00
1687	554.277	-66.8774	0.000000E+00
1688	556.768	-54.8007	0.000000E+00
1689	556.826	-55.5485	0.000000E+00
1690	557.644	-65.8661	0.000000E+00
1691	557.702	-66.6139	0.000000E+00
1692	555.829	-55.6257	0.000000E+00
1693	555.963	-57.2982	0.000000E+00
1694	556.073	-60.7991	0.000000E+00
1695	558.399	-60.6152	0.000000E+00
1696	558.508	-64.1174	0.000000E+00
1697	558.641	-65.7889	0.000000E+00
1698	559.177	-54.6064	0.000000E+00
1699	559.236	-55.3541	0.000000E+00
1700	560.070	-65.6704	0.000000E+00
1701	560.129	-66.4180	0.000000E+00
1702	558.239	-55.4329	0.000000E+00
1703	558.375	-57.1066	0.000000E+00
1704	558.490	-60.6079	0.000000E+00
1705	558.772	-64.0966	0.000000E+00
1706	559.074	-65.7515	0.000000E+00
1707	559.132	-66.4968	0.000000E+00
1708	561.585	-54.4121	0.000000E+00
1709	561.646	-55.1597	0.000000E+00
1710	562.497	-65.4746	0.000000E+00
1711	562.557	-66.2222	0.000000E+00
1712	560.649	-55.2401	0.000000E+00
1713	560.786	-56.9111	0.000000E+00
1714	560.907	-60.4129	0.000000E+00
1715	563.233	-60.2215	0.000000E+00
1716	563.354	-63.7220	0.000000E+00
1717	563.494	-65.3942	0.000000E+00
1718	563.992	-54.2102	0.000000E+00
1719	564.054	-54.9576	0.000000E+00
1720	564.921	-65.2712	0.000000E+00
1721	564.983	-66.0186	0.000000E+00
1722	563.057	-55.0396	0.000000E+00
1723	563.194	-56.7109	0.000000E+00
1724	563.321	-60.2142	-0.116906E-12
1725	563.614	-63.7019	0.000000E+00

1726	563.925	-65.3579	0.000000E+00
1727	563.986	-66.1007	0.000000E+00
1728	566.399	-54.0082	0.000000E+00
1729	566.461	-54.7556	0.000000E+00
1730	567.346	-65.0677	0.000000E+00
1731	567.409	-65.8151	0.000000E+00
1732	565.465	-54.8392	0.000000E+00
1733	565.609	-56.5100	0.000000E+00
1734	565.741	-60.0111	0.000000E+00
1735	568.066	-59.8122	0.000000E+00
1736	568.198	-63.3126	0.000000E+00
1737	568.342	-64.9841	0.000000E+00
1738	568.805	-53.7985	0.000000E+00
1739	568.869	-54.5458	0.000000E+00
1740	569.770	-64.8564	0.000000E+00
1741	569.834	-65.6037	0.000000E+00
1742	567.872	-54.6310	0.000000E+00
1743	568.019	-56.3036	0.000000E+00
1744	568.157	-59.8043	0.000000E+00
1745	568.461	-63.2911	0.000000E+00
1746	568.774	-64.9442	0.000000E+00
1747	568.837	-65.6889	0.000000E+00
1748	571.211	-53.5888	0.000000E+00
1749	571.276	-54.3359	0.000000E+00
1750	572.194	-64.6452	0.000000E+00
1751	572.259	-65.3923	0.000000E+00
1752	570.280	-54.4228	0.000000E+00
1753	570.429	-56.0933	0.000000E+00
1754	570.573	-59.5937	0.000000E+00
1755	572.897	-59.3873	0.000000E+00
1756	573.040	-62.8876	0.000000E+00
1757	573.190	-64.5583	0.000000E+00
1758	573.616	-53.3713	0.000000E+00
1759	573.683	-54.1184	0.000000E+00
1760	574.617	-64.4261	0.000000E+00
1761	574.683	-65.1731	0.000000E+00
1762	572.687	-54.2068	0.000000E+00
1763	572.851	-55.8850	0.000000E+00
1764	573.000	-59.3781	0.000000E+00
1765	573.315	-62.8639	0.000000E+00
1766	573.621	-64.5098	0.000000E+00
1767	573.687	-65.2616	0.000000E+00
1768	576.022	-53.1538	0.000000E+00
1769	576.089	-53.9008	0.000000E+00
1770	577.040	-64.2070	0.000000E+00
1771	577.108	-64.9540	0.000000E+00
1772	575.093	-53.9908	0.000000E+00
1773	575.249	-55.6611	0.000000E+00
1774	575.403	-59.1607	0.000000E+00
1775	577.727	-58.9469	0.000000E+00
1776	577.882	-62.4469	0.000000E+00
1777	578.036	-64.1170	0.000000E+00
1778	578.432	-52.9281	0.000000E+00
1779	578.500	-53.6750	0.000000E+00
1780	579.468	-63.9796	0.000000E+00
1781	579.537	-64.7265	0.000000E+00
1782	577.505	-53.7666	0.000000E+00
1783	577.663	-55.4387	0.000000E+00
1784	577.818	-58.9367	0.000000E+00
1785	578.142	-62.4225	0.000000E+00
1786	578.473	-64.0780	0.000000E+00
1787	578.541	-64.8181	0.000000E+00
1788	580.842	-52.7024	0.000000E+00
1789	580.912	-53.4491	0.000000E+00
1790	581.896	-63.7522	0.000000E+00
1791	581.966	-64.4989	0.000000E+00
1792	579.916	-53.5424	0.000000E+00
1793	580.077	-55.2104	0.000000E+00
1794	581.072	-55.1143	-2.50000
1795	581.072	-56.1143	-2.50000
1796	580.232	-58.7088	0.000000E+00
1797	582.556	-58.4927	0.000000E+00
1798	581.721	-62.0863	-2.50000
1799	581.721	-63.0863	-2.50000
1800	582.715	-61.9817	0.000000E+00
1801	582.891	-63.6590	0.000000E+00
1802	583.228	-52.4811	0.000000E+00
1803	583.298	-53.2279	0.000000E+00
1804	584.302	-63.5291	0.000000E+00
1805	584.371	-64.2759	0.000000E+00
1806	582.302	-53.3207	0.000000E+00
1807	582.467	-54.9918	0.000000E+00
1808	582.629	-58.4877	0.000000E+00
1809	582.960	-61.9728	0.000000E+00
1810	583.307	-63.6365	0.000000E+00
1811	583.376	-64.3687	0.000000E+00
1812	585.615	-52.2599	0.000000E+00
1813	585.684	-53.0067	0.000000E+00
1814	586.708	-63.3060	0.000000E+00
1815	586.777	-64.0528	0.000000E+00
1816	584.689	-53.0990	0.000000E+00
1817	584.857	-54.7664	0.000000E+00
1818	585.029	-58.2486	0.000000E+00
1819	587.351	-58.0250	0.000000E+00
1820	587.516	-61.5237	0.000000E+00
1821	587.703	-63.2137	0.000000E+00
1822	587.999	-52.0262	0.000000E+00
1823	588.070	-52.7728	0.000000E+00
1824	589.109	-63.0706	0.000000E+00
1825	589.180	-63.8172	0.000000E+00
1826	587.075	-52.8677	0.000000E+00
1827	587.247	-54.5191	0.000000E+00
1828	587.429	-58.0146	-0.116573E-13
1829	587.778	-61.4972	0.000000E+00
1830	588.114	-63.1708	0.000000E+00

1831	588.184	-63.9121	0.000000E+00
1832	590.383	-51.7925	0.000000E+00
1833	590.457	-52.5389	0.000000E+00
1834	591.510	-62.8352	0.000000E+00
1835	591.583	-63.5816	0.000000E+00
1836	589.461	-52.6364	0.000000E+00
1837	589.634	-54.2996	0.000000E+00
1838	589.822	-57.7733	0.000000E+00
1839	592.144	-57.5403	0.000000E+00
1840	592.322	-61.0532	0.000000E+00
1841	592.505	-62.7376	0.000000E+00
1842	592.768	-51.5460	0.000000E+00
1843	592.843	-52.2922	0.000000E+00
1844	593.911	-62.5869	0.000000E+00
1845	593.986	-63.3332	0.000000E+00
1846	591.848	-52.3924	0.000000E+00
1847	592.022	-54.0582	0.000000E+00
1848	592.213	-57.5549	0.000000E+00
1849	592.569	-61.0366	0.000000E+00
1850	592.917	-62.6949	0.000000E+00
1851	592.991	-63.4334	0.000000E+00
1852	595.152	-51.2995	0.000000E+00
1853	595.229	-52.0456	0.000000E+00
1854	596.312	-62.3387	0.000000E+00
1855	596.389	-63.0848	0.000000E+00
1856	594.234	-52.1484	0.000000E+00
1857	594.409	-53.8119	0.000000E+00
1858	594.613	-57.2829	0.000000E+00
1859	596.934	-57.0404	0.000000E+00
1860	597.125	-60.5616	0.000000E+00
1861	597.534	-51.0456	0.000000E+00
1862	597.307	-62.2359	0.000000E+00
1863	597.612	-51.7915	0.000000E+00
1864	598.712	-62.0829	0.000000E+00
1865	596.618	-51.8959	0.000000E+00
1866	598.790	-62.8288	0.000000E+00
1867	596.783	-53.5304	0.000000E+00
1868	596.989	-57.0340	-0.166533E-14
1869	597.360	-60.5143	0.000000E+00
1870	597.718	-62.1958	0.000000E+00
1871	599.916	-50.7916	0.000000E+00
1872	597.796	-62.9332	0.000000E+00
1873	599.996	-51.5374	0.000000E+00
1874	601.112	-61.8271	0.000000E+00
1875	599.001	-51.6434	0.000000E+00
1876	601.191	-62.5729	0.000000E+00
1877	599.183	-53.3073	0.000000E+00
1878	599.401	-56.7772	0.000000E+00
1879	601.721	-56.5253	0.000000E+00
1880	601.927	-60.0513	0.000000E+00
1881	602.299	-50.5299	0.000000E+00
1882	602.106	-61.7211	0.000000E+00
1883	602.380	-51.2756	0.000000E+00
1884	603.512	-61.5634	0.000000E+00
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1886	603.593	-62.3091	0.000000E+00
1887	601.569	-53.0470	0.000000E+00
1888	601.788	-56.5444	0.000000E+00
1889	602.173	-60.0232	0.000000E+00
1890	602.518	-61.6704	0.000000E+00
1891	604.682	-50.2682	0.000000E+00
1892	602.599	-62.4167	0.000000E+00
1893	604.763	-51.0138	0.000000E+00
1894	605.912	-61.2998	0.000000E+00
1895	603.769	-51.1229	0.000000E+00
1896	605.994	-62.0453	0.000000E+00
1897	603.954	-52.7819	0.000000E+00
1898	604.186	-56.2564	0.000000E+00
1899	606.504	-55.9951	0.000000E+00
1900	606.726	-59.5198	0.000000E+00
1901	607.061	-49.9941	0.000000E+00
1902	606.906	-61.1906	0.000000E+00
1903	607.146	-50.7393	0.000000E+00
1904	606.153	-50.8527	0.000000E+00
1905	608.308	-61.0239	0.000000E+00
1906	608.393	-61.7690	0.000000E+00
1907	606.340	-52.4939	0.000000E+00
1908	606.568	-55.9894	0.000000E+00
1909	606.961	-59.4672	0.000000E+00
1910	607.314	-61.1343	0.000000E+00
1911	609.441	-49.7200	0.000000E+00
1912	609.530	-50.4648	0.000000E+00
1913	607.399	-61.8824	0.000000E+00
1914	608.537	-50.5824	0.000000E+00
1915	610.703	-60.7480	0.000000E+00
1916	610.792	-61.4928	0.000000E+00
1917	608.723	-52.2362	0.000000E+00
1918	608.967	-55.7204	0.000000E+00
1919	611.285	-55.4497	0.000000E+00
1920	611.524	-58.9729	0.000000E+00
1921	611.820	-49.4382	0.000000E+00
1922	611.909	-50.1830	0.000000E+00
1923	611.697	-60.6304	0.000000E+00
1924	610.916	-50.3006	0.000000E+00
1925	613.101	-60.4640	0.000000E+00
1926	613.189	-61.2088	0.000000E+00
1927	611.107	-51.9581	0.000000E+00
1928	611.355	-55.4563	0.000000E+00
1929	611.768	-58.9319	0.000000E+00
1930	614.199	-49.1565	0.000000E+00
1931	612.107	-60.5680	0.000000E+00
1932	614.288	-49.9013	0.000000E+00
1933	612.196	-61.3264	0.000000E+00
1934	613.295	-50.0189	0.000000E+00
1935	615.499	-60.1801	0.000000E+00

1936	613.491	-51.6751	0.000000E+00
1937	615.587	-60.9249	0.000000E+00
1938	614.484	-51.5575	-2.50000
1939	614.484	-52.5575	-2.50000
1940	614.795	-49.0827	0.000000E+00
1941	614.887	-49.8270	0.000000E+00
1942	613.746	-55.1693	0.000000E+00
1943	613.895	-49.9500	0.000000E+00
1944	614.086	-51.6005	0.000000E+00
1945	616.063	-54.8892	0.000000E+00
1946	614.341	-55.0990	0.000000E+00
1947	615.324	-58.5069	-2.50000
1948	615.324	-59.5069	-2.50000
1949	616.318	-58.4027	0.000000E+00
1950	616.492	-60.0625	0.000000E+00
1951	616.658	-54.8189	0.000000E+00
1953	616.183	-60.8511	0.000000E+00
1954	616.102	-60.1055	0.000000E+00
1955	616.914	-58.3264	0.000000E+00
1956	617.096	-59.9972	0.000000E+00
1957	305.273	-62.9707	-1.00000
1958	305.583	-59.4844	-1.00000
1959	304.111	-62.8675	-1.00000
1960	305.893	-55.9981	-1.00000
1961	304.421	-59.3812	-1.00000
1962	310.081	-63.3900	-1.00000
1963	310.379	-59.9027	-1.00000
1964	308.918	-63.2905	-1.00000
1965	310.678	-56.4155	-1.00000
1966	309.217	-59.8032	-1.00000
1967	314.889	-63.7939	-1.00000
1968	315.177	-60.3057	-1.00000
1969	313.727	-63.6981	-1.00000
1970	315.464	-56.8175	-1.00000
1971	314.014	-60.2099	-1.00000
1972	319.699	-64.1824	-1.00000
1973	319.975	-60.6933	-1.00000
1974	318.536	-64.0903	-1.00000
1975	320.251	-57.2042	-1.00000
1976	318.812	-60.6012	-1.00000
1977	324.510	-64.5555	-1.00000
1978	324.775	-61.0656	-1.00000
1979	323.347	-64.4672	-1.00000
1980	325.040	-57.5756	-1.00000
1981	323.612	-60.9772	-1.00000
1982	329.322	-64.9132	-1.00000
1983	329.576	-61.4225	-1.00000
1984	328.159	-64.8286	-1.00000
1985	329.830	-57.9317	-1.00000
1986	328.413	-61.3378	-1.00000
1987	334.136	-65.2556	-1.00000
1988	334.378	-61.7640	-1.00000
1989	332.972	-65.1747	-1.00000
1990	334.621	-58.2724	-1.00000
1991	333.214	-61.6831	-1.00000
1992	338.950	-65.5825	-1.00000
1993	339.182	-62.0901	-1.00000
1994	337.786	-65.5053	-1.00000
1995	339.413	-58.5978	-1.00000
1996	338.017	-62.0130	-1.00000
1997	343.801	-65.8961	-1.00000
1998	344.021	-62.4031	-1.00000
1999	342.637	-65.8227	-1.00000
2000	344.242	-58.9100	-1.00000
2001	342.857	-62.3297	-1.00000
2002	348.653	-66.1942	-1.00000
2003	348.862	-62.7005	-1.00000
2004	347.489	-66.1246	-1.00000
2005	349.071	-59.2067	-1.00000
2006	347.698	-62.6308	-1.00000
2007	353.506	-66.4767	-1.00000
2008	353.704	-62.9823	-1.00000
2009	352.342	-66.4108	-1.00000
2010	353.902	-59.4879	-1.00000
2011	352.539	-62.9164	-1.00000
2012	358.360	-66.7435	-1.00000
2013	358.547	-63.2485	-1.00000
2014	357.195	-66.6814	-1.00000
2015	358.733	-59.7535	-1.00000
2016	357.382	-63.1863	-1.00000
2017	363.215	-66.9947	-1.00000
2018	363.390	-63.4991	-1.00000
2019	362.050	-66.9363	-1.00000
2020	363.566	-60.0035	-1.00000
2021	362.225	-63.4407	-1.00000
2022	368.071	-67.2302	-1.00000
2023	368.235	-63.7340	-1.00000
2024	366.905	-67.1755	-1.00000
2025	368.399	-60.2379	-1.00000
2026	367.069	-63.6794	-1.00000
2027	372.927	-67.4500	-1.00000
2028	373.080	-63.9534	-1.00000
2029	371.761	-67.3992	-1.00000
2030	373.232	-60.4567	-1.00000
2031	371.914	-63.9025	-1.00000
2032	377.784	-67.6542	-1.00000
2033	377.925	-64.1571	-1.00000
2034	376.618	-67.6071	-1.00000
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2037	382.642	-67.8428	-1.00000
2038	382.772	-64.3452	-1.00000
2039	381.476	-67.7994	-1.00000
2040	382.902	-60.8476	-1.00000
2041	381.606	-64.3018	-1.00000

2042	387.500	-68.0156	-1.00000
2043	387.619	-64.5177	-1.00000
2044	386.334	-67.9760	-1.00000
2045	387.737	-61.0197	-1.00000
2046	386.453	-64.4781	-1.00000
2047	392.359	-68.1729	-1.00000
2048	392.466	-64.6745	-1.00000
2049	391.192	-68.1370	-1.00000
2050	392.574	-61.1762	-1.00000
2051	391.300	-64.6387	-1.00000
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2057	402.077	-68.4403	-1.00000
2058	402.162	-64.9413	-1.00000
2059	400.911	-68.4120	-1.00000
2060	402.247	-61.4424	-1.00000
2061	400.996	-64.9130	-1.00000
2062	406.937	-68.5505	-1.00000
2063	407.011	-65.0513	-1.00000
2064	405.771	-68.5259	-1.00000
2065	407.085	-61.5521	-1.00000
2066	405.845	-65.0267	-1.00000
2067	411.798	-68.6450	-1.00000
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2069	410.631	-68.6242	-1.00000
2070	411.923	-61.6462	-1.00000
2071	410.694	-65.1248	-1.00000
2072	416.658	-68.7239	-1.00000
2073	416.710	-65.2243	-1.00000
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2076	415.543	-65.2072	-1.00000
2077	421.519	-68.7871	-1.00000
2078	421.559	-65.2873	-1.00000
2079	420.353	-68.7738	-1.00000
2080	421.599	-61.7876	-1.00000
2081	420.393	-65.2741	-1.00000
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2083	426.409	-65.3348	-1.00000
2084	425.214	-68.8251	-1.00000
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2086	425.242	-65.3252	-1.00000
2087	431.242	-68.8665	-1.00000
2088	431.259	-65.3666	-1.00000
2089	430.075	-68.8607	-1.00000
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2091	430.092	-65.3608	-1.00000
2092	436.103	-68.8827	-1.00000
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2101	439.797	-68.8850	-1.00000
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2212	552.400	-61.0816	-1.00000
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2214	551.237	-61.1697	-1.00000
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2217	557.236	-60.7072	-1.00000
2218	556.960	-57.2181	-1.00000
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2230	567.201	-63.3989	-1.00000
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2233	571.425	-56.0042	-1.00000
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2236	570.882	-63.0800	-1.00000
2237	576.565	-59.0538	-1.00000
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2239	575.403	-59.1608	-1.00000
2240	576.886	-62.5391	-1.00000
2241	575.724	-62.6460	-1.00000
2242	581.396	-58.6003	-1.00000
2243	581.072	-55.1143	-1.00000
2244	580.234	-58.7084	-1.00000
2245	581.721	-62.0863	-1.00000
2246	580.559	-62.1944	-1.00000
2247	586.187	-58.1499	-1.00000
2248	585.852	-54.6660	-1.00000
2249	585.026	-58.2617	-1.00000
2250	586.522	-61.6338	-1.00000
2251	585.361	-61.7456	-1.00000

2252	590.978	-57.6788	-1.00000
2253	590.629	-54.1963	-1.00000
2254	589.817	-57.7953	-1.00000
2255	591.328	-61.1613	-1.00000
2256	590.167	-61.2778	-1.00000
2257	595.768	-57.1883	-1.00000
2258	595.404	-53.7072	-1.00000
2259	594.607	-57.3095	-1.00000
2260	596.131	-60.6694	-1.00000
2261	594.971	-60.7906	-1.00000
2262	600.555	-56.6784	-1.00000
2263	600.177	-53.1988	-1.00000
2264	599.395	-56.8043	-1.00000
2265	600.933	-60.1579	-1.00000
2266	599.773	-60.2838	-1.00000
2267	605.340	-56.1490	-1.00000
2268	604.948	-52.6710	-1.00000
2269	604.181	-56.2797	-1.00000
2270	605.732	-59.6270	-1.00000
2271	604.573	-59.7576	-1.00000
2272	610.123	-55.6003	-1.00000
2273	609.717	-52.1239	-1.00000
2274	608.964	-55.7356	-1.00000
2275	610.529	-59.0767	-1.00000
2276	609.370	-59.2120	-1.00000
2277	614.904	-55.0322	-1.00000
2278	614.484	-51.5575	-1.00000
2279	613.746	-55.1722	-1.00000
2280	615.324	-58.5069	-1.00000
2281	614.166	-58.6469	-1.00000
2282	305.583	-59.4844	0.277556E-16
2283	305.583	-60.4844	-1.00000
2284	339.182	-62.0901	0.277556E-16
2285	339.182	-63.0901	-1.00000
2286	387.619	-64.5177	0.277556E-16
2287	387.619	-65.5177	-1.00000
2288	436.109	-65.3827	0.277556E-16
2289	436.109	-66.3827	-1.00000
2290	484.602	-64.6843	0.277556E-16
2291	484.602	-65.6843	-1.00000
2292	533.047	-62.4231	0.277556E-16
2293	533.047	-63.4231	-1.00000
2294	581.396	-58.6003	0.277556E-16
2295	581.396	-59.6003	-1.00000
2296	614.904	-55.0322	0.277556E-16
2297	614.904	-56.0322	-1.00000
2298	310.379	-59.9027	0.277556E-16
2299	310.379	-60.9027	-1.00000
2300	315.177	-60.3057	0.277556E-16
2301	315.177	-61.3057	-1.00000
2302	319.975	-60.6933	0.277556E-16
2303	319.975	-61.6933	-1.00000
2304	324.775	-61.0656	0.277556E-16
2305	324.775	-62.0656	-1.00000
2306	329.576	-61.4225	0.277556E-16
2307	329.576	-62.4225	-1.00000
2308	334.378	-61.7640	0.277556E-16
2309	334.378	-62.7640	-1.00000
2310	344.021	-62.4031	0.277556E-16
2311	344.021	-63.4031	-1.00000
2312	348.862	-62.7005	0.277556E-16
2313	348.862	-63.7005	-1.00000
2314	353.704	-62.9823	0.277556E-16
2315	353.704	-63.9823	-1.00000
2316	358.547	-63.2485	0.277556E-16
2317	358.547	-64.2485	-1.00000
2318	363.390	-63.4991	0.277556E-16
2319	363.390	-64.4991	-1.00000
2320	368.235	-63.7340	0.277556E-16
2321	368.235	-64.7340	-1.00000
2322	373.080	-63.9534	0.277556E-16
2323	373.080	-64.9534	-1.00000
2324	377.925	-64.1571	0.277556E-16
2325	377.925	-65.1571	-1.00000
2326	382.772	-64.3452	0.277556E-16
2327	382.772	-65.3452	-1.00000
2328	392.466	-64.6745	0.277556E-16
2329	392.466	-65.6745	-1.00000
2330	397.314	-64.8157	0.277556E-16
2331	397.314	-65.8157	-1.00000
2332	402.162	-64.9413	0.277556E-16
2333	402.162	-65.9413	-1.00000
2334	407.011	-65.0513	0.277556E-16
2335	407.011	-66.0513	-1.00000
2336	411.860	-65.1456	0.277556E-16
2337	411.860	-66.1456	-1.00000
2338	416.710	-65.2243	0.277556E-16
2339	416.710	-66.2243	-1.00000
2340	421.559	-65.2873	0.277556E-16
2341	421.559	-66.2873	-1.00000
2342	426.409	-65.3348	0.277556E-16
2343	426.409	-66.3348	-1.00000
2344	431.259	-65.3666	0.277556E-16
2345	431.259	-66.3666	-1.00000
2346	440.959	-65.3832	0.277556E-16
2347	440.959	-66.3832	-1.00000
2348	445.809	-65.3681	0.277556E-16
2349	445.809	-66.3681	-1.00000
2350	450.659	-65.3373	0.277556E-16
2351	450.659	-66.3373	-1.00000
2352	455.508	-65.2909	0.277556E-16
2353	455.508	-66.2909	-1.00000
2354	460.358	-65.2289	0.277556E-16
2355	460.358	-66.2289	-1.00000
2356	465.207	-65.1513	0.277556E-16

2357	465.207	-66.1513	-1.00000
2358	470.057	-65.0580	0.277556E-16
2359	470.057	-66.0580	-1.00000
2360	474.905	-64.9490	0.277556E-16
2361	474.905	-65.9490	-1.00000
2362	479.754	-64.8245	0.277556E-16
2363	479.754	-65.8245	-1.00000
2364	489.449	-64.5285	0.277556E-16
2365	489.449	-65.5285	-1.00000
2366	494.296	-64.3570	0.277556E-16
2367	494.296	-65.3570	-1.00000
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2369	499.143	-65.1699	-1.00000
2370	503.988	-63.9672	0.277556E-16
2371	503.988	-64.9672	-1.00000
2372	508.833	-63.7489	0.277556E-16
2373	508.833	-64.7489	-1.00000
2374	513.678	-63.5150	0.277556E-16
2375	513.678	-64.5150	-1.00000
2376	518.521	-63.2654	0.277556E-16
2377	518.521	-64.2654	-1.00000
2378	523.364	-63.0003	0.277556E-16
2379	523.364	-64.0003	-1.00000
2380	528.206	-62.7195	0.277556E-16
2381	528.206	-63.7195	-1.00000
2382	537.887	-62.1111	0.277556E-16
2383	537.887	-63.1111	-1.00000
2384	542.726	-61.7835	0.277556E-16
2385	542.726	-62.7835	-1.00000
2386	547.564	-61.4403	0.277556E-16
2387	547.564	-62.4403	-1.00000
2388	552.400	-61.0816	0.277556E-16
2389	552.400	-62.0816	-1.00000
2390	557.236	-60.7072	0.277556E-16
2391	557.236	-61.7072	-1.00000
2392	562.070	-60.3172	0.277556E-16
2393	562.070	-61.3172	-1.00000
2394	566.903	-59.9117	0.277556E-16
2395	566.903	-60.9117	-1.00000
2396	571.735	-59.4905	0.277556E-16
2397	571.735	-60.4905	-1.00000
2398	576.565	-59.0538	0.277556E-16
2399	576.565	-60.0538	-1.00000
2400	586.187	-58.1499	0.277556E-16
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2407	600.555	-57.6784	-1.00000
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2410	610.123	-55.6003	0.277556E-16
2411	610.123	-56.6003	-1.00000
2412	305.273	-63.9707	-1.00000
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2414	310.081	-64.3900	-1.00000
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2416	314.889	-64.7939	-1.00000
2417	315.464	-57.8175	-1.00000
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2444	382.642	-68.8428	-1.00000
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2446	387.500	-69.0156	-1.00000
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2466	436.103	-69.8827	-1.00000
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2468	440.954	-62.8832	-1.00000
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2470	445.792	-62.8681	-1.00000
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2472	450.631	-62.8375	-1.00000
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2474	455.469	-62.7912	-1.00000
2475	455.548	-69.7907	-1.00000
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2478	465.146	-62.6518	-1.00000
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2547	305.123	-64.6390	0.000000E+00
2548	306.147	-59.5344	0.000000E+00
2549	306.119	-64.7259	0.000000E+00
2550	303.823	-59.3280	0.000000E+00
2551	306.269	-63.0605	0.000000E+00
2552	305.273	-62.9707	-2.50000
2553	305.273	-63.9707	-2.50000
2554	305.442	-54.2762	0.000000E+00
2555	304.299	-55.8573	0.000000E+00
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2559	304.421	-59.3812	0.000000E+00
2560	306.041	-54.3298	0.000000E+00
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2562	305.893	-55.9981	-2.50000
2563	305.893	-56.9981	-2.50000
2564	304.896	-55.9095	0.000000E+00
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2566	307.468	-65.5984	0.000000E+00

2567	307.533	-64.8512	0.000000E+00
2568	308.433	-54.5403	0.000000E+00
2569	308.498	-53.7932	0.000000E+00
2570	306.472	-65.5115	0.000000E+00
2571	306.537	-64.7643	0.000000E+00
2572	306.517	-63.0818	0.000000E+00
2573	306.819	-59.5934	0.000000E+00
2574	307.291	-56.1220	0.000000E+00
2575	307.436	-54.4534	0.000000E+00
2576	309.874	-65.8062	0.000000E+00
2577	309.939	-65.0591	0.000000E+00
2578	310.819	-54.7466	0.000000E+00
2579	310.884	-53.9994	0.000000E+00
2580	310.935	-65.1460	0.000000E+00
2581	311.077	-63.4746	0.000000E+00
2582	311.542	-60.0023	0.000000E+00
2583	309.217	-59.8032	0.000000E+00
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2585	309.823	-54.6597	0.000000E+00
2586	312.274	-66.0098	0.000000E+00
2587	312.337	-65.2624	0.000000E+00
2588	313.203	-54.9488	0.000000E+00
2589	313.266	-54.2014	0.000000E+00
2590	311.278	-65.9261	0.000000E+00
2591	311.341	-65.1787	0.000000E+00
2592	311.315	-63.4956	0.000000E+00
2593	311.608	-60.0079	0.000000E+00
2594	312.067	-56.5341	0.000000E+00
2595	312.207	-54.8651	0.000000E+00
2596	314.691	-66.2109	0.000000E+00
2597	314.754	-65.4635	0.000000E+00
2598	315.601	-55.1482	0.000000E+00
2599	315.664	-54.4009	0.000000E+00
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2604	314.467	-56.7355	0.000000E+00
2605	314.605	-55.0645	0.000000E+00
2606	317.108	-66.4080	0.000000E+00
2607	317.169	-65.6605	0.000000E+00
2608	318.002	-55.3441	0.000000E+00
2609	318.062	-54.5965	0.000000E+00
2610	316.111	-66.3275	0.000000E+00
2611	316.172	-65.5800	0.000000E+00
2612	316.140	-63.9000	0.000000E+00
2613	316.413	-60.4044	0.000000E+00
2614	316.870	-56.9330	0.000000E+00
2615	317.005	-55.2636	0.000000E+00
2616	319.507	-66.5999	0.000000E+00
2617	319.568	-65.8523	0.000000E+00
2618	320.382	-55.5344	0.000000E+00
2619	320.442	-54.7868	0.000000E+00
2620	320.564	-65.9328	0.000000E+00
2621	320.696	-64.2609	0.000000E+00
2622	321.138	-60.7854	0.000000E+00
2623	318.812	-60.6012	0.000000E+00
2624	319.255	-57.1263	0.000000E+00
2625	319.385	-55.4539	0.000000E+00
2626	321.917	-66.7887	0.000000E+00
2627	321.975	-66.0409	0.000000E+00
2628	322.775	-55.7219	0.000000E+00
2629	322.833	-54.9742	0.000000E+00
2630	320.920	-66.7114	0.000000E+00
2631	320.978	-65.9636	0.000000E+00
2632	320.941	-64.2807	0.000000E+00
2633	321.212	-60.7911	0.000000E+00
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2635	321.778	-55.6446	0.000000E+00
2636	324.327	-66.9737	0.000000E+00
2637	324.385	-66.2259	0.000000E+00
2638	325.166	-55.9054	0.000000E+00
2639	325.224	-55.1577	0.000000E+00
2640	325.382	-66.3032	0.000000E+00
2641	325.507	-64.6302	0.000000E+00
2642	325.938	-61.1539	0.103806E-13
2643	323.612	-60.9772	0.103806E-13
2644	324.043	-57.5002	0.000000E+00
2645	324.169	-55.8281	0.000000E+00
2646	326.727	-67.1540	0.000000E+00
2647	326.783	-66.4060	0.000000E+00
2648	327.550	-56.0845	0.000000E+00
2649	327.605	-55.3366	0.000000E+00
2650	325.730	-67.0798	0.000000E+00
2651	325.785	-66.3319	0.000000E+00
2652	325.744	-64.6460	0.000000E+00
2653	326.012	-61.1625	0.000000E+00
2654	326.428	-57.6807	0.000000E+00
2655	326.553	-56.0104	0.000000E+00
2656	329.146	-67.3318	0.000000E+00
2657	329.201	-66.5839	0.000000E+00
2658	329.949	-56.2610	0.000000E+00
2659	330.005	-55.5130	0.000000E+00
2660	330.198	-66.6580	0.000000E+00
2661	330.320	-64.9856	0.000000E+00
2662	330.740	-61.5070	0.000000E+00
2663	328.413	-61.3378	0.000000E+00
2664	328.833	-57.8604	0.000000E+00
2665	328.952	-56.1868	0.000000E+00
2666	331.564	-67.5058	0.000000E+00
2667	331.618	-66.7577	0.000000E+00
2668	332.352	-56.4337	0.000000E+00
2669	332.405	-55.6856	0.000000E+00
2670	330.567	-67.4349	0.000000E+00
2671	330.620	-66.6867	0.000000E+00

2672	330.573	-65.0041	0.000000E+00
2673	330.821	-61.5129	0.000000E+00
2674	331.235	-58.0335	0.000000E+00
2675	331.354	-56.3628	0.000000E+00
2676	333.968	-67.6748	0.000000E+00
2677	334.020	-66.9266	0.000000E+00
2678	334.736	-56.6014	0.000000E+00
2679	334.789	-55.8533	0.000000E+00
2680	335.017	-66.9958	0.000000E+00
2681	335.133	-65.3248	0.000000E+00
2682	335.542	-61.8448	-0.274780E-13
2683	333.214	-61.6830	-0.274780E-13
2684	333.623	-58.2037	0.000000E+00
2685	333.739	-56.5305	0.000000E+00
2686	336.377	-67.8403	0.000000E+00
2687	336.427	-67.0920	0.000000E+00
2688	337.129	-56.7658	0.000000E+00
2689	337.179	-56.0175	0.000000E+00
2690	335.379	-67.7725	0.000000E+00
2691	335.430	-67.0242	0.000000E+00
2692	335.377	-65.3411	0.000000E+00
2693	335.616	-61.8506	0.000000E+00
2694	336.017	-58.3691	0.000000E+00
2695	336.131	-56.6980	0.000000E+00
2696	338.788	-68.0121	0.000000E+00
2697	338.838	-67.2637	0.000000E+00
2698	339.519	-56.9362	0.000000E+00
2699	339.572	-56.1880	0.000000E+00
2700	339.835	-67.3304	0.000000E+00
2701	339.948	-65.6491	0.000000E+00
2702	338.950	-65.5825	-2.50000
2703	338.950	-66.5825	-2.50000
2704	340.346	-62.1673	0.000000E+00
2705	338.017	-62.0130	0.000000E+00
2706	339.413	-58.5978	-2.50000
2707	339.413	-59.5978	-2.50000
2708	338.415	-58.5341	0.000000E+00
2709	338.522	-56.8664	0.000000E+00
2710	341.216	-68.1611	0.000000E+00
2711	341.265	-67.4126	0.000000E+00
2712	341.933	-57.0842	0.000000E+00
2713	341.981	-56.3358	0.000000E+00
2714	340.218	-68.0965	0.000000E+00
2715	340.267	-67.3481	0.000000E+00
2716	340.208	-65.6657	0.000000E+00
2717	340.434	-62.1730	0.000000E+00
2718	340.827	-58.6911	0.000000E+00
2719	340.935	-57.0197	0.000000E+00
2720	343.649	-68.3165	0.000000E+00
2721	343.696	-67.5679	0.000000E+00
2722	344.348	-57.2385	0.000000E+00
2723	344.395	-56.4900	0.000000E+00
2724	344.694	-67.6305	0.000000E+00
2725	344.799	-65.9587	0.000000E+00
2726	345.186	-62.4765	0.568434E-13
2727	342.857	-62.3297	0.568434E-13
2728	343.244	-58.8464	0.000000E+00
2729	343.350	-57.1760	0.000000E+00
2730	346.083	-68.4680	0.000000E+00
2731	346.129	-67.7194	0.000000E+00
2732	346.764	-57.3888	0.000000E+00
2733	346.810	-56.6403	0.000000E+00
2734	345.085	-68.4066	0.000000E+00
2735	345.131	-67.6580	0.000000E+00
2736	345.067	-65.9759	0.000000E+00
2737	345.282	-62.4825	0.309197E-13
2738	345.663	-58.9993	0.000000E+00
2739	345.766	-57.3275	0.000000E+00
2740	348.509	-68.6150	0.000000E+00
2741	348.554	-67.8664	0.000000E+00
2742	349.171	-57.5348	0.000000E+00
2743	349.217	-56.7862	0.000000E+00
2744	349.552	-67.9259	0.000000E+00
2745	349.652	-66.2538	0.000000E+00
2746	350.027	-62.7702	0.000000E+00
2747	347.698	-62.6308	0.000000E+00
2748	348.073	-59.1475	0.000000E+00
2749	348.172	-57.4734	0.000000E+00
2750	350.951	-68.7591	0.000000E+00
2751	350.994	-68.0104	0.000000E+00
2752	351.596	-57.6779	0.000000E+00
2753	351.639	-56.9291	0.000000E+00
2754	349.953	-68.7010	0.000000E+00
2755	349.996	-67.9523	0.000000E+00
2756	349.927	-66.2704	0.000000E+00
2757	350.130	-62.7763	0.000000E+00
2758	350.500	-59.2919	0.000000E+00
2759	350.597	-57.6198	0.000000E+00
2760	353.369	-68.8979	0.000000E+00
2761	353.412	-68.1491	0.000000E+00
2762	353.995	-57.8156	0.000000E+00
2763	354.039	-57.0668	0.000000E+00
2764	354.410	-68.2056	0.000000E+00
2765	354.505	-66.5332	0.000000E+00
2766	354.869	-63.0482	0.000000E+00
2767	352.539	-62.9164	0.000000E+00
2768	352.903	-59.4321	0.000000E+00
2769	352.997	-57.7575	0.000000E+00
2770	355.793	-69.0331	0.000000E+00
2771	355.834	-68.2842	0.000000E+00
2772	356.403	-57.9499	0.000000E+00
2773	356.444	-57.2010	0.000000E+00
2774	354.795	-68.9782	0.000000E+00
2775	354.836	-68.2294	0.000000E+00
2776	354.761	-66.5477	0.000000E+00

2777	354.954	-63.0529	0.000000E+00
2778	355.312	-59.5674	0.000000E+00
2779	355.404	-57.8950	0.000000E+00
2780	358.231	-69.1651	0.000000E+00
2781	358.272	-68.4163	0.000000E+00
2782	358.821	-58.0808	0.000000E+00
2783	358.862	-57.3320	0.000000E+00
2784	359.270	-68.4711	0.000000E+00
2785	359.359	-66.7964	0.000000E+00
2786	359.712	-63.3106	-0.888178E-15
2787	357.382	-63.1863	-0.888178E-15
2788	357.735	-59.7012	0.000000E+00
2789	357.822	-58.0259	0.000000E+00
2790	360.663	-69.2929	0.000000E+00
2791	360.702	-68.5439	0.000000E+00
2792	361.236	-58.2078	0.000000E+00
2793	361.275	-57.4588	0.000000E+00
2794	359.664	-69.2413	0.000000E+00
2795	359.703	-68.4923	0.000000E+00
2796	359.623	-66.8110	0.000000E+00
2797	359.803	-63.3153	0.000000E+00
2798	360.151	-59.8288	0.000000E+00
2799	360.238	-58.1561	0.000000E+00
2800	363.093	-69.4167	0.000000E+00
2801	363.132	-68.6677	0.000000E+00
2802	363.647	-58.3305	0.000000E+00
2803	363.686	-57.5815	0.000000E+00
2804	364.130	-68.7193	0.000000E+00
2805	364.214	-67.0446	0.000000E+00
2806	364.556	-63.5575	0.000000E+00
2807	362.225	-63.4407	0.000000E+00
2808	362.567	-59.9547	0.000000E+00
2809	362.649	-58.2789	0.000000E+00
2810	365.533	-69.5370	0.000000E+00
2811	365.570	-68.7879	0.000000E+00
2812	366.071	-58.4500	0.000000E+00
2813	366.107	-57.7009	0.000000E+00
2814	364.535	-69.4886	0.000000E+00
2815	364.571	-68.7395	0.000000E+00
2816	364.485	-67.0609	0.000000E+00
2817	364.647	-63.5593	0.000000E+00
2818	364.991	-60.0746	0.000000E+00
2819	365.072	-58.4016	0.000000E+00
2820	367.958	-69.6527	0.000000E+00
2821	367.995	-68.9035	0.000000E+00
2822	368.477	-58.5648	0.000000E+00
2823	368.513	-57.8157	0.000000E+00
2824	368.993	-68.9520	0.000000E+00
2825	369.070	-67.2756	0.000000E+00
2826	369.400	-63.7887	0.000000E+00
2827	367.069	-63.6794	0.000000E+00
2828	367.400	-60.1910	0.000000E+00
2829	367.478	-58.5163	0.000000E+00
2830	370.378	-69.7642	0.000000E+00
2831	370.412	-69.0149	0.000000E+00
2832	370.880	-58.6755	0.000000E+00
2833	370.914	-57.9263	0.000000E+00
2834	369.379	-69.7189	0.000000E+00
2835	369.413	-68.9697	0.000000E+00
2836	369.322	-67.2888	0.000000E+00
2837	369.481	-63.7924	-0.489053E-13
2838	369.806	-60.3035	0.000000E+00
2839	369.881	-58.6303	0.000000E+00
2840	372.822	-69.8728	0.000000E+00
2841	372.856	-69.1236	0.000000E+00
2842	373.305	-58.7834	0.000000E+00
2843	373.339	-58.0341	0.000000E+00
2844	373.855	-69.1688	0.000000E+00
2845	373.926	-67.4925	0.000000E+00
2846	374.245	-64.0043	0.000000E+00
2847	371.914	-63.9025	0.000000E+00
2848	372.233	-60.4134	0.000000E+00
2849	372.306	-58.7381	0.000000E+00
2850	375.250	-69.9769	0.000000E+00
2851	375.282	-69.2276	0.000000E+00
2852	375.716	-58.8867	0.000000E+00
2853	375.748	-58.1374	0.000000E+00
2854	374.251	-69.9349	0.000000E+00
2855	374.282	-69.1855	0.000000E+00
2856	374.186	-67.5049	0.000000E+00
2857	374.333	-64.0080	0.000000E+00
2858	374.647	-60.5181	0.000000E+00
2859	374.717	-58.8447	0.000000E+00
2860	377.686	-70.0774	0.000000E+00
2861	377.718	-69.3280	0.000000E+00
2862	378.133	-58.9864	0.000000E+00
2863	378.165	-58.2370	0.000000E+00
2864	378.717	-69.3700	0.000000E+00
2865	378.783	-67.6938	0.000000E+00
2866	379.091	-64.2042	0.000000E+00
2867	376.760	-64.1100	0.000000E+00
2868	377.068	-60.6201	0.000000E+00
2869	377.134	-58.9444	0.000000E+00
2870	379.123	-70.1351	0.000000E+00
2871	379.152	-69.3857	0.000000E+00
2872	379.051	-67.7054	0.000000E+00
2873	379.187	-64.2080	0.000000E+00
2874	436.115	-61.8827	-2.50000
2875	484.495	-61.1859	-2.50000
2876	484.602	-64.6843	-2.50000
2877	484.602	-64.6843	-2.50000
2878	484.708	-68.1827	-2.50000
2879	532.827	-58.9300	-2.50000
2880	533.047	-62.4231	-2.50000
2881	533.047	-62.4231	-2.50000

2882	533.266	-65.9162	-2.50000
2883	581.072	-55.1143	-2.50000
2884	581.396	-58.6003	-2.50000
2885	581.396	-58.6003	-2.50000
2886	581.721	-62.0863	-2.50000
2887	614.484	-51.5575	-2.50000
2888	614.904	-55.0322	-2.50000
2889	614.904	-55.0322	-2.50000
2890	615.324	-58.5069	-2.50000
2891	305.273	-62.9707	-2.50000
2892	305.583	-59.4844	-2.50000
2893	305.583	-59.4844	-2.50000
2894	305.893	-55.9981	-2.50000
2895	338.950	-65.5825	-2.50000
2896	339.182	-62.0901	-2.50000
2897	339.182	-62.0901	-2.50000
2898	339.413	-58.5978	-2.50000
2899	387.500	-68.0156	-2.50000
2900	387.619	-64.5177	-2.50000
2901	387.619	-64.5177	-2.50000
2902	387.737	-61.0197	-2.50000
2903	436.103	-68.8827	-2.50000
2904	436.109	-65.3827	-2.50000
2905	436.109	-65.3827	-2.50000
2906	437.115	-61.8844	-2.50000
2907	436.117	-60.8827	-2.50000
2908	485.494	-61.1554	-2.50000
2909	484.464	-60.1864	-2.50000
2910	485.601	-64.6538	-2.50000
2911	484.571	-63.6847	-2.50000
2912	485.708	-68.1521	-2.50000
2913	484.678	-67.1831	-2.50000
2914	533.825	-58.8673	-2.50000
2915	532.765	-57.9320	-2.50000
2916	534.045	-62.3604	-2.50000
2917	532.984	-61.4251	-2.50000
2918	534.264	-65.8535	-2.50000
2919	533.204	-64.9182	-2.50000
2920	582.068	-55.0217	-2.50000
2921	580.980	-54.1186	-2.50000
2922	582.392	-58.5077	-2.50000
2923	581.304	-57.6046	-2.50000
2924	582.716	-61.9937	-2.50000
2925	581.628	-61.0906	-2.50000
2926	615.477	-51.4380	-2.50000
2927	614.364	-50.5647	-2.50000
2928	615.897	-54.9127	-2.50000
2929	614.784	-54.0394	-2.50000
2930	616.317	-58.3874	-2.50000
2931	615.204	-57.5141	-2.50000
2932	306.269	-63.0597	-2.50000
2933	305.362	-61.9747	-2.50000
2934	306.579	-59.5734	-2.50000
2935	305.672	-58.4884	-2.50000
2936	306.889	-56.0871	-2.50000
2937	305.982	-55.0021	-2.50000
2938	339.948	-65.6486	-2.50000
2939	339.016	-64.5847	-2.50000
2940	340.179	-62.1563	-2.50000
2941	339.248	-61.0923	-2.50000
2942	340.411	-58.6640	-2.50000
2943	339.479	-57.6000	-2.50000
2944	388.499	-68.0496	-2.50000
2945	387.534	-67.0162	-2.50000
2946	388.618	-64.5516	-2.50000
2947	387.653	-63.5182	-2.50000
2948	388.737	-61.0536	-2.50000
2949	387.771	-60.0203	-2.50000
2950	305.494	-60.4805	0.277556E-16
2951	306.579	-59.5729	0.390446E-13
2952	310.294	-60.8991	0.277556E-16
2953	311.376	-59.9880	-0.724483E-14
2954	315.094	-61.3023	0.277556E-16
2955	316.173	-60.3878	-0.928566E-13
2956	319.896	-61.6902	0.277556E-16
2957	320.972	-60.7722	0.224567E-13
2958	324.699	-62.0627	0.277556E-16
2959	325.772	-61.1413	0.277556E-16
2960	329.504	-62.4198	0.277556E-16
2961	330.574	-61.4950	-0.324432E-13
2962	334.309	-62.7616	0.277556E-16
2963	335.376	-61.8333	-0.399272E-13
2964	339.115	-63.0880	0.277556E-16
2965	340.179	-62.1563	0.989797E-14
2966	343.959	-63.4011	0.277556E-16
2967	345.019	-62.4660	0.147837E-13
2968	348.803	-63.6987	0.277556E-16
2969	349.861	-62.7602	-0.630785E-13
2970	353.648	-63.9807	0.277556E-16
2971	354.703	-63.0388	-0.813641E-13
2972	358.494	-64.2471	0.277556E-16
2973	359.545	-63.3018	0.620901E-13
2974	363.340	-64.4978	0.277556E-16
2975	364.389	-63.5491	-0.471414E-13
2976	368.188	-64.7329	0.277556E-16
2977	369.234	-63.7809	-0.110872E-12
2978	373.036	-64.9524	0.277556E-16
2979	374.079	-63.9970	0.565072E-13
2980	377.885	-65.1563	0.277556E-16
2981	378.925	-64.1975	-0.412704E-13
2982	382.735	-65.3445	0.277556E-16
2983	383.771	-64.3824	0.610579E-13
2984	387.585	-65.5171	0.277556E-16
2985	388.618	-64.5516	-0.991195E-13
2986	392.435	-65.6740	0.277556E-16

2987	393.466	-64.7052	-0.406318E-13
2988	397.287	-65.8154	0.277556E-16
2989	398.314	-64.8432	-0.106971E-12
2990	402.138	-65.9410	0.277556E-16
2991	403.162	-64.9656	-0.967166E-13
2992	406.990	-66.0511	0.277556E-16
2993	408.011	-65.0723	0.481620E-14
2994	411.842	-66.1454	0.277556E-16
2995	412.860	-65.1634	-0.555393E-13
2996	416.695	-66.2242	0.277556E-16
2997	417.710	-65.2389	-0.534870E-13
2998	421.548	-66.2873	0.277556E-16
2999	422.559	-65.2987	0.837015E-15
3000	426.401	-66.3347	0.277556E-16
3001	427.409	-65.3429	0.211646E-14
3002	431.254	-66.3665	0.277556E-16
3003	432.259	-65.3715	0.979810E-16
3004	436.107	-66.3827	0.277556E-16
3005	437.109	-65.3844	-0.170112E-12
3006	440.960	-66.3832	0.277556E-16
3007	441.959	-65.3817	-0.113894E-12
3008	445.814	-66.3681	0.277556E-16
3009	446.809	-65.3634	-0.579577E-13
3010	450.667	-66.3373	0.277556E-16
3011	451.659	-65.3294	-0.121560E-14
3012	455.520	-66.2909	0.277556E-16
3013	456.508	-65.2798	-0.766469E-15
3014	460.372	-66.2288	0.277556E-16
3015	461.358	-65.2145	-0.508864E-14
3016	465.225	-66.1511	0.277556E-16
3017	466.207	-65.1336	-0.630685E-13
3018	470.077	-66.0577	0.277556E-16
3019	471.056	-65.0371	-0.639138E-13
3020	474.929	-65.9487	0.277556E-16
3021	475.905	-64.9250	0.558285E-13
3022	479.781	-65.8241	0.277556E-16
3023	480.753	-64.7972	-0.120211E-12
3024	484.632	-65.6838	0.277556E-16
3025	485.601	-64.6538	0.529417E-13
3026	489.483	-65.5279	0.277556E-16
3027	490.449	-64.4947	-0.130375E-12
3028	494.333	-65.3563	0.277556E-16
3029	495.295	-64.3201	-0.667565E-13
3030	499.183	-65.1691	0.277556E-16
3031	500.142	-64.1298	-0.653352E-13
3032	504.032	-64.9663	0.277556E-16
3033	504.987	-63.9238	-0.891588E-14
3034	508.880	-64.7478	0.277556E-16
3035	509.832	-63.7023	-0.124468E-12
3036	513.728	-64.5138	0.277556E-16
3037	514.677	-63.4652	-0.988890E-14
3038	518.574	-64.2640	0.277556E-16
3039	519.520	-63.2124	0.117325E-12
3040	523.420	-63.9987	0.277556E-16
3041	524.362	-62.9440	-0.183684E-13
3042	528.265	-63.7177	0.277556E-16
3043	529.204	-62.6600	-0.758238E-14
3044	533.110	-63.4211	0.277556E-16
3045	534.045	-62.3604	-0.275920E-12
3046	537.953	-63.1089	0.277556E-16
3047	538.885	-62.0452	0.919157E-13
3048	542.795	-62.7811	0.277556E-16
3049	543.723	-61.7144	0.126709E-12
3050	547.636	-62.4377	0.277556E-16
3051	548.561	-61.3680	-0.122617E-12
3052	552.476	-62.0787	0.277556E-16
3053	553.397	-61.0060	-0.150928E-12
3054	557.315	-61.7041	0.277556E-16
3055	558.233	-60.6284	-0.135702E-12
3056	562.152	-61.3138	0.277556E-16
3057	563.067	-60.2352	0.230715E-12
3058	566.988	-60.9080	0.277556E-16
3059	567.899	-59.8264	-0.235890E-13
3060	571.823	-60.4866	0.277556E-16
3061	572.731	-59.4021	0.222112E-12
3062	576.657	-60.0496	0.277556E-16
3063	577.561	-58.9622	-0.631381E-13
3064	581.491	-59.5958	0.277556E-16
3065	582.392	-58.5055	0.235138E-12
3066	586.285	-59.1451	0.277556E-16
3067	587.182	-58.0519	-0.124258E-12
3068	591.079	-58.6737	0.277556E-16
3069	591.973	-57.5776	-0.138249E-12
3070	595.872	-58.1828	0.277556E-16
3071	596.762	-57.0839	-0.151615E-12
3072	600.662	-57.6726	0.277556E-16
3073	601.549	-56.5708	-0.122041E-13
3074	605.451	-57.1429	0.277556E-16
3075	606.334	-56.0383	0.972731E-13
3076	610.237	-56.5938	0.277556E-16
3077	611.117	-55.4863	0.789672E-13
3078	615.021	-56.0253	0.277556E-16
3079	615.897	-54.9151	-0.340954E-13
3080	437.103	-68.8844	-2.50000
3081	436.105	-67.8827	-2.50000
3082	437.109	-65.3844	-2.50000
3083	436.111	-64.3827	-2.50000

TOTAL NUMBER OF NODES	=	3082
LARGEST NODE NUMBER	=	3083
DATA STORAGE LOCATIONS USED	=	21574

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											
1	1ST NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733					
		ASY =1.811	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00						
	2ND NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733					
		ASY =1.811	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 = 0.1342	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											
27	1ST NODE	AREA =3.905	IYY =4.092	IZZ =6.637	KT =0.2708E-01	ASZ =2.098					
		ASY =2.291	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00						
	2ND NODE	AREA =3.905	IYY =4.092	IZZ =6.637	KT =0.2708E-01	ASZ =2.098					
		ASY =2.291	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 = 0.5455	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											
2	1ST NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734					
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00						
	2ND NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734					
		ASY =1.915	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 = 0.1517	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											
28	1ST NODE	AREA =4.232	IYY =5.010	IZZ =6.798	KT =0.2757E-01	ASZ =2.101					
		ASY =2.545	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00						
	2ND NODE	AREA =4.232	IYY =5.010	IZZ =6.798	KT =0.2757E-01	ASZ =2.101					
		ASY =2.545	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 = 0.5191	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

3	1ST NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	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 = 0.1555	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						
29	1ST NODE	AREA =4.307	IYY =5.075	IZZ =6.788	KT =0.2760E-01	ASZ =2.167
		ASY =2.545	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =4.307	IYY =5.075	IZZ =6.788	KT =0.2760E-01	ASZ =2.167
		ASY =2.545	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 = 0.5136	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						
4	1ST NODE	AREA =1.342	IYY =1.755	IZZ =1.200	KT =0.2728E-01	ASZ =1.789
		ASY =1.992	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =1.342	IYY =1.755	IZZ =1.200	KT =0.2728E-01	ASZ =1.789
		ASY =1.992	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 = 0.3716	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						
30	1ST NODE	AREA =3.292	IYY =4.307	IZZ =2.945	KT =0.2818E-01	ASZ =2.236
		ASY =2.735	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =3.292	IYY =4.307	IZZ =2.945	KT =0.2818E-01	ASZ =2.236
		ASY =2.735	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 = 0.6913	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						
5	1ST NODE	AREA =2.731	IYY =2.430	IZZ =5.905	KT =0.2700E-01	ASZ =1.733
		ASY =1.891	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.731	IYY =2.430	IZZ =5.905	KT =0.2700E-01	ASZ =1.733
		ASY =1.891	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 = 0.1478 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
 31 1ST NODE AREA =4.156 IYY =4.983 IZZ =6.902 KT =0.2750E-01 ASZ =2.099
 ASY =2.486 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =4.156 IYY =4.983 IZZ =6.902 KT =0.2750E-01 ASZ =2.099
 ASY =2.486 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 = 0.5248 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
 6 1ST NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
 ASY =1.915 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
 ASY =1.915 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 = 0.1555 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
 32 1ST NODE AREA =4.307 IYY =5.075 IZZ =6.788 KT =0.2760E-01 ASZ =2.167
 ASY =2.545 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =4.307 IYY =5.075 IZZ =6.788 KT =0.2760E-01 ASZ =2.167
 ASY =2.545 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 = 0.5136 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

e1_soletta_code (soletta_code (RSS D=0.3 B=1.7))
 PROPERTY

BMI21 ELEMENTS
 7 1ST NODE AREA =0.5100 IYY =0.3825E-02 IZZ =0.1228 KT =0.1360E-01 ASZ =0.4253
 ASY =0.4250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =0.5100 IYY =0.3825E-02 IZZ =0.1228 KT =0.1360E-01 ASZ =0.4253
 ASY =0.4250 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

e1_soletta_estremi_chiusura (soletta_estremi (RSS D=0.3 B=0.1))
 PROPERTY

BMI21 ELEMENTS
 8 1ST NODE AREA =0.3000E-01 IYY =0.2250E-03 IZZ =0.2500E-04 KT =0.7900E-04 ASZ =0.2500E-01
 ASY =0.2501E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

2ND NODE	AREA =0.3000E-01	IYY =0.2250E-03	IZZ =0.2500E-04	KT =0.7900E-04	ASZ =0.2500E-01
	ASY =0.2501E-01	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

el_soletta_tipo (soletta_tipo (RSS D=0.3 B=2.4125))
PROPERTY

BMI21 ELEMENTS					
9 1ST NODE	AREA =0.7238	IYY =0.5428E-02	IZZ =0.3510	KT =0.2001E-01	ASZ =0.6036
	ASY =0.6031	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
2ND NODE	AREA =0.7238	IYY =0.5428E-02	IZZ =0.3510	KT =0.2001E-01	ASZ =0.6036
	ASY =0.6031	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

tr_spina (Sct3 (I D=0.5 B=0.2 tf=0.02 tw=0.015 r=0))
PROPERTY

BMI21 ELEMENTS					
10 1ST NODE	AREA =0.1490E-01	IYY =0.5827E-03	IZZ =0.2680E-04	KT =0.1567E-05	ASZ =0.7035E-02
	ASY =0.6845E-02	EZ =0.2500	EY =0.0000E+00	IYZ =0.0000E+00	
2ND NODE	AREA =0.1490E-01	IYY =0.5827E-03	IZZ =0.2680E-04	KT =0.1567E-05	ASZ =0.7035E-02
	ASY =0.6845E-02	EZ =0.2500	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_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 =0.0000E+00	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 =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

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 =0.0000E+00	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 =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					
13 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

joints
PROPERTY

JSH4 ELEMENTS	
14 ECCENTRICITY =	0.0000E+00
DATA STORAGE LOCATIONS USED	= 1616

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	0	0	27	1
2	0	0	10	18
3	4	1	27	1
5	0	0	10	18
6	7	1	27	1
8	0	0	10	18
9	10	1	27	1
11	0	0	10	18
12	0	0	27	1
13	0	0	31	11
14	0	0	10	18
15	16	1	31	11
17	0	0	10	18
18	19	1	31	11
20	0	0	10	18
21	22	1	31	11
23	0	0	10	18
24	25	1	31	11
26	0	0	10	18
27	0	0	31	11
28	0	0	32	13
29	0	0	10	18
30	31	1	32	13
32	0	0	10	18
33	34	1	32	13
35	0	0	10	18
36	37	1	32	13
38	0	0	10	18
39	40	1	32	13
41	0	0	10	18
42	0	0	32	13
43	0	0	30	10
44	0	0	10	18
45	46	1	30	10
47	0	0	10	18
48	49	1	30	10
50	0	0	10	18
51	52	1	30	10
53	0	0	10	18
54	55	1	30	10
56	0	0	10	18
57	58	1	30	10
59	0	0	10	18
60	0	0	30	10
61	0	0	29	7
62	0	0	10	18
63	64	1	29	7
65	0	0	10	18
66	67	1	29	7
68	0	0	10	18
69	70	1	29	7
71	0	0	10	18
72	73	1	29	7
74	0	0	10	18
75	76	1	29	7
77	0	0	10	18
78	0	0	29	7
79	0	0	28	3
80	0	0	10	18
81	82	1	28	3
83	0	0	10	18
84	85	1	28	3
86	0	0	10	18
87	88	1	28	3
89	0	0	10	18
90	91	1	28	3
92	0	0	10	18
93	94	1	28	3
95	0	0	10	18
96	0	0	28	3
97	0	0	29	7
98	0	0	10	18
99	100	1	29	7
101	0	0	10	18
102	103	1	29	7
104	0	0	10	18
105	106	1	29	7
107	0	0	10	18
108	109	1	29	7
110	0	0	10	18
111	112	1	29	7
113	0	0	10	18
114	0	0	29	7
115	0	0	30	10
116	0	0	10	18
117	118	1	30	10
119	0	0	10	18
120	121	1	30	10
122	0	0	10	18
123	124	1	30	10
125	0	0	10	18
126	127	1	30	10
128	0	0	10	18
129	130	1	30	10
131	0	0	10	18
132	0	0	30	10
133	0	0	29	7
134	0	0	10	18
135	136	1	29	7
137	0	0	10	18
138	139	1	29	7

140	0	0	10	18
141	142	1	29	7
143	0	0	10	18
144	145	1	29	7
146	0	0	10	18
147	148	1	29	7
149	0	0	10	18
150	0	0	29	7
151	0	0	28	3
152	0	0	10	18
153	154	1	28	3
155	0	0	10	18
156	157	1	28	3
158	0	0	10	18
159	160	1	28	3
161	0	0	10	18
162	163	1	28	3
164	0	0	10	18
165	166	1	28	3
167	0	0	10	18
168	169	1	28	3
170	0	0	10	18
171	172	1	28	3
173	0	0	10	18
174	0	0	28	3
175	0	0	29	7
176	0	0	10	18
177	178	1	29	7
179	0	0	10	18
180	181	1	29	7
182	0	0	10	18
183	184	1	29	7
185	0	0	10	18
186	187	1	29	7
188	0	0	10	18
189	190	1	29	7
191	0	0	10	18
192	0	0	29	7
193	0	0	30	10
194	0	0	10	18
195	196	1	30	10
197	0	0	10	18
198	199	1	30	10
200	0	0	10	18
201	202	1	30	10
203	0	0	10	18
204	205	1	30	10
206	0	0	10	18
207	208	1	30	10
209	0	0	10	18
210	0	0	30	10
211	0	0	29	7
212	0	0	10	18
213	214	1	29	7
215	0	0	10	18
216	217	1	29	7
218	0	0	10	18
219	220	1	29	7
221	0	0	10	18
222	223	1	29	7
224	0	0	10	18
225	226	1	29	7
227	0	0	10	18
228	0	0	29	7
229	0	0	28	3
230	0	0	10	18
231	232	1	28	3
233	0	0	10	18
234	235	1	28	3
236	0	0	10	18
237	238	1	28	3
239	0	0	10	18
240	241	1	28	3
242	0	0	10	18
243	244	1	28	3
245	0	0	10	18
246	0	0	28	3
247	0	0	29	7
248	0	0	10	18
249	250	1	29	7
251	0	0	10	18
252	253	1	29	7
254	0	0	10	18
255	256	1	29	7
257	0	0	10	18
258	259	1	29	7
260	0	0	10	18
261	262	1	29	7
263	0	0	10	18
264	0	0	29	7
265	0	0	30	10
266	0	0	10	18
267	268	1	30	10
269	0	0	10	18
270	271	1	30	10
272	0	0	10	18
273	274	1	30	10
275	0	0	10	18
276	277	1	30	10
278	0	0	10	18
279	280	1	30	10
281	0	0	10	18
282	0	0	30	10
283	0	0	29	7
284	0	0	10	18

285	286	1	29	7
287	0	0	10	18
288	289	1	29	7
290	0	0	10	18
291	292	1	29	7
293	0	0	10	18
294	295	1	29	7
296	0	0	10	18
297	298	1	29	7
299	0	0	10	18
300	0	0	29	7
301	0	0	28	3
302	0	0	10	18
303	304	1	28	3
305	0	0	10	18
306	307	1	28	3
308	0	0	10	18
309	310	1	28	3
311	0	0	10	18
312	313	1	28	3
314	0	0	10	18
315	316	1	28	3
317	0	0	10	18
318	0	0	28	3
319	0	0	29	7
320	0	0	10	18
321	322	1	29	7
323	0	0	10	18
324	325	1	29	7
326	0	0	10	18
327	328	1	29	7
329	0	0	10	18
330	331	1	29	7
332	0	0	10	18
333	334	1	29	7
335	0	0	10	18
336	0	0	29	7
337	0	0	30	10
338	0	0	10	18
339	340	1	30	10
341	0	0	10	18
342	343	1	30	10
344	0	0	10	18
345	346	1	30	10
347	0	0	10	18
348	349	1	30	10
350	0	0	10	18
351	352	1	30	10
353	0	0	10	18
354	0	0	30	10
355	0	0	29	7
356	0	0	10	18
357	358	1	29	7
359	0	0	10	18
360	361	1	29	7
362	0	0	10	18
363	364	1	29	7
365	0	0	10	18
366	367	1	29	7
368	0	0	10	18
369	370	1	29	7
371	0	0	10	18
372	0	0	29	7
373	0	0	28	3
374	0	0	10	18
375	376	1	28	3
377	0	0	10	18
378	379	1	28	3
380	0	0	10	18
381	382	1	28	3
383	0	0	10	18
384	385	1	28	3
386	0	0	10	18
387	388	1	28	3
389	0	0	10	18
390	0	0	28	3
391	0	0	29	7
392	0	0	10	18
393	394	1	29	7
395	0	0	10	18
396	397	1	29	7
398	0	0	10	18
399	400	1	29	7
401	0	0	10	18
402	403	1	29	7
404	0	0	10	18
405	406	1	29	7
407	0	0	10	18
408	0	0	29	7
409	0	0	30	10
410	0	0	10	18
411	412	1	30	10
413	0	0	10	18
414	415	1	30	10
416	0	0	10	18
417	418	1	30	10
419	0	0	10	18
420	421	1	30	10
422	0	0	10	18
423	424	1	30	10
425	0	0	10	18
426	0	0	30	10
427	0	0	32	13
428	0	0	10	18
429	430	1	32	13

431	0	0	10	18
432	433	1	32	13
434	0	0	10	18
435	436	1	32	13
437	0	0	10	18
438	439	1	32	13
440	0	0	10	18
441	0	0	32	13
442	0	0	31	11
443	0	0	10	18
444	445	1	31	11
446	0	0	10	18
447	448	1	31	11
449	0	0	10	18
450	451	1	31	11
452	0	0	10	18
453	454	1	31	11
455	0	0	10	18
456	457	1	31	11
458	0	0	10	18
459	0	0	31	11
460	0	0	27	1
461	0	0	10	18
462	463	1	27	1
464	0	0	10	18
465	466	1	27	1
467	0	0	10	18
468	469	1	27	1
470	0	0	10	18
471	0	0	27	1
472	487	1	9	17
488	0	0	13	32
489	490	1	9	17
491	0	0	13	32
492	609	1	9	17
610	0	0	13	32
611	612	1	9	17
613	0	0	13	32
614	731	1	9	17
732	0	0	13	32
733	734	1	9	17
735	0	0	13	32
736	853	1	9	17
854	0	0	13	32
855	856	1	9	17
857	0	0	13	32
858	975	1	9	17
976	0	0	13	32
977	978	1	9	17
979	0	0	13	32
980	1059	1	9	17
1060	1061	1	7	15
1062	0	0	13	32
1063	0	0	7	15
1064	1065	1	8	16
1066	0	0	7	15
1067	0	0	8	16
1068	0	0	13	32
1069	1070	1	7	15
1071	1073	1	8	16
1074	1075	1	11	27
1076	1087	1	12	28
1088	1089	1	11	27
1090	1107	1	12	28
1108	1109	1	11	27
1110	1127	1	12	28
1128	1129	1	11	27
1130	1147	1	12	28
1148	1149	1	11	27
1150	1167	1	12	28
1168	1169	1	11	27
1170	1187	1	12	28
1188	1189	1	11	27
1190	1201	1	12	28
1202	1203	1	11	27
1204	1398	1	13	32
1399	1401	1	8	16
1402	0	0	7	15
1403	0	0	8	16
1404	0	0	7	15
1405	0	0	13	32
1406	0	0	8	16
1407	0	0	7	15
1408	0	0	8	16
1409	0	0	7	15
1410	0	0	13	32
1411	1412	1	7	15
1413	1492	1	9	17
1493	0	0	13	32
1494	1495	1	9	17
1496	0	0	13	32
1497	1598	1	9	17
1599	1687	1	14	4

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS	=	404
TOTAL NUMBER OF ELEMENTS	=	1687
LARGEST ELEMENT NUMBER	=	1687
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER	=	32
DATA STORAGE LOCATIONS USED	=	5061

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

MATERIAL

svincoli_spina
4 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 0.0000E+00 KTY = 0.0000E+00 KTZ =
0.0000E+00

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

MATERIAL

Incastro
5 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
6 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
7 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 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_massa (elastic)
1 E = 0.2100E+12 NU = 0.3000 RHO = 7850. 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)
2 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
16 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
8 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)
 15 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)
 3 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 = 466

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	0	0	16	0	0	0	0	15	0	0
0	0	2	0	0	1	0	0	0	0	8	0	0
0	0	3	0	4	16	0	0	0	0	15	0	0
0	0	5	0	0	1	0	0	0	0	8	0	0
0	0	6	0	7	16	0	0	0	0	15	0	0
0	0	8	0	0	1	0	0	0	0	8	0	0
0	0	9	0	10	16	0	0	0	0	15	0	0
0	0	11	0	0	1	0	0	0	0	8	0	0
0	0	12	0	13	16	0	0	0	0	15	0	0
0	0	14	0	0	1	0	0	0	0	8	0	0
0	0	15	0	16	16	0	0	0	0	15	0	0
0	0	17	0	0	1	0	0	0	0	8	0	0
0	0	18	0	19	16	0	0	0	0	15	0	0
0	0	20	0	0	1	0	0	0	0	8	0	0
0	0	21	0	22	16	0	0	0	0	15	0	0
0	0	23	0	0	1	0	0	0	0	8	0	0
0	0	24	0	25	16	0	0	0	0	15	0	0
0	0	26	0	0	1	0	0	0	0	8	0	0
0	0	27	0	28	16	0	0	0	0	15	0	0
0	0	29	0	0	1	0	0	0	0	8	0	0
0	0	30	0	31	16	0	0	0	0	15	0	0
0	0	32	0	0	1	0	0	0	0	8	0	0
0	0	33	0	34	16	0	0	0	0	15	0	0
0	0	35	0	0	1	0	0	0	0	8	0	0
0	0	36	0	37	16	0	0	0	0	15	0	0
0	0	38	0	0	1	0	0	0	0	8	0	0
0	0	39	0	40	16	0	0	0	0	15	0	0
0	0	41	0	0	1	0	0	0	0	8	0	0
0	0	42	0	43	16	0	0	0	0	15	0	0
0	0	44	0	0	1	0	0	0	0	8	0	0
0	0	45	0	46	16	0	0	0	0	15	0	0
0	0	47	0	0	1	0	0	0	0	8	0	0
0	0	48	0	49	16	0	0	0	0	15	0	0

0	0	1410	0	0	2	0	0	0	0	12	0	0
0	0	1411	1492	1	15	0	0	0	0	27	0	0
0	0	1493	0	0	2	0	0	0	0	12	0	0
0	0	1494	1495	1	15	0	0	0	0	27	0	0
0	0	1496	0	0	2	0	0	0	0	12	0	0
0	0	1497	1598	1	15	0	0	0	0	27	0	0
0	0	1599	1600	1	6	0	0	0	0	10	0	0
0	0	1601	0	0	5	0	0	0	0	7	0	0
0	0	1602	1603	1	6	0	0	0	0	10	0	0
0	0	1604	0	0	5	0	0	0	0	7	0	0
0	0	1605	1606	1	6	0	0	0	0	10	0	0
0	0	1607	0	0	5	0	0	0	0	7	0	0
0	0	1608	0	0	6	0	0	0	0	10	0	0
0	0	1609	0	0	7	0	0	0	0	20	0	0
0	0	1610	0	0	5	0	0	0	0	7	0	0
0	0	1611	1612	1	7	0	0	0	0	20	0	0
0	0	1613	0	0	5	0	0	0	0	7	0	0
0	0	1614	0	0	7	0	0	0	0	20	0	0
0	0	1615	0	0	6	0	0	0	0	10	0	0
0	0	1616	0	0	5	0	0	0	0	7	0	0
0	0	1617	1618	1	6	0	0	0	0	10	0	0
0	0	1619	0	0	5	0	0	0	0	7	0	0
0	0	1620	0	0	6	0	0	0	0	10	0	0
0	0	1621	1685	1	4	0	0	0	0	3	0	0
0	0	1686	0	0	6	0	0	0	0	10	0	0
0	0	1687	0	0	5	0	0	0	0	7	0	0

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 371

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 LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2891 0 0 THX 1.00000
 2892 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
 2891 0 0 THY 1.00000
 2892 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
 2891 0 0 THZ 1.00000
 2892 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
 2892 0 0 THX -1.00000
 2894 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
2892	0	0	THY	-1.00000
2894	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
2892	0	0	THZ	-1.00000
2894	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
2891	0	0	U	0.286839
2892	0	0	U	-0.286839
2892	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2891	0	0	V	1.00000
2892	0	0	V	-1.00000
2892	0	0	THZ	0.309688

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	U	-0.286839
2892	0	0	THZ	1.00000
2894	0	0	U	0.286839

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	V	-1.00000
2892	0	0	THZ	-0.309688
2894	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2891	0	0	W	0.286839
2892	0	0	W	-0.286839
2892	0	0	THX	1.00000
2892	0	0	THY	-0.888306E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	W	-0.286839
2892	0	0	THX	-1.00000
2892	0	0	THY	0.888306E-01
2894	0	0	W	0.286839

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	THX	1.00000
2896	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
2895	0	0	THY	1.00000
2896	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
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2895 0 0 THZ 1.00000
2896 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
2896	0	0	THX	-1.00000
2898	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
2896	0	0	THY	-1.00000
2898	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
2896	0	0	THZ	-1.00000
2898	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
2895	0	0	U	0.286342
2896	0	0	U	-0.286342
2896	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	V	1.00000
2896	0	0	V	-1.00000
2896	0	0	THZ	0.231536

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	U	-0.286342
2896	0	0	THZ	1.00000
2898	0	0	U	0.286342

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	V	-1.00000
2896	0	0	THZ	-0.231536
2898	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	W	0.286342
2896	0	0	W	-0.286342
2896	0	0	THX	1.00000
2896	0	0	THY	-0.662983E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	W	-0.286342
2896	0	0	THX	-1.00000
2896	0	0	THY	0.662983E-01
2898	0	0	W	0.286342

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THX	1.00000
2900	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THY	1.00000
2900	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THZ	1.00000
2900	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THX	-1.00000
2902	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THY	-1.00000
2902	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THZ	-1.00000
2902	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	U	0.285879
2900	0	0	U	-0.285879
2900	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	V	1.00000
2900	0	0	V	-1.00000
2900	0	0	THZ	0.118827

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	U	-0.285879
2900	0	0	THZ	1.00000
2902	0	0	U	0.285879

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	V	-1.00000
2900	0	0	THZ	-0.118827
2902	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	W	0.285879
2900	0	0	W	-0.285879
2900	0	0	THX	1.00000
2900	0	0	THY	-0.339703E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	W	-0.285879
2900	0	0	THX	-1.00000
2900	0	0	THY	0.339703E-01
2902	0	0	W	0.285879

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	U	0.285715
2905	0	0	U	-0.285715
2905	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	V	1.00000
2905	0	0	V	-1.00000
2905	0	0	THZ	-0.601290E-02

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	U	0.285715
2905	0	0	U	-0.285715
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	V	1.00000
2905	0	0	V	-1.00000
2905	0	0	THZ	0.601290E-02

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	W	0.285715
2905	0	0	W	-0.285715
2905	0	0	THX	-1.00000
2905	0	0	THY	0.171797E-02

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	W	0.285715
2905	0	0	W	-0.285715
2905	0	0	THX	1.00000
2905	0	0	THY	-0.171797E-02

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THX	1.00000
2877	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THY	1.00000
2877	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THZ	1.00000
2877	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THX	-1.00000
2878	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THY	-1.00000
2878	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THZ	-1.00000
2878	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	U	0.285847
2877	0	0	U	-0.285847
2877	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	V	1.00000
2877	0	0	V	-1.00000
2877	0	0	THZ	0.106808

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	U	-0.285847
2877	0	0	THZ	-1.00000
2878	0	0	U	0.285847

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	V	-1.00000
2877	0	0	THZ	-0.106808
2878	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	W	0.285847
2877	0	0	W	-0.285847
2877	0	0	THX	-1.00000
2877	0	0	THY	-0.305307E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	W	-0.285847
2877	0	0	THX	1.00000
2877	0	0	THY	0.305307E-01
2878	0	0	W	0.285847

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THX	1.00000
2881	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THY	1.00000
2881	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THZ	1.00000
2881	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	THX	-1.00000
2882	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	THY	-1.00000
2882	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	THZ	-1.00000
2882	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	U	0.286278
2881	0	0	U	-0.286278
2881	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	V	1.00000
2881	0	0	V	-1.00000
2881	0	0	THZ	0.219518

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	U	-0.286278
2881	0	0	THZ	-1.00000
2882	0	0	U	0.286278

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	V	-1.00000
2881	0	0	THZ	-0.219518
2882	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	W	0.286278
2881	0	0	W	-0.286278
2881	0	0	THX	-1.00000
2881	0	0	THY	-0.628430E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	W	-0.286278
2881	0	0	THX	1.00000
2881	0	0	THY	0.628430E-01
2882	0	0	W	0.286278

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THX	1.00000
2884	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THY	1.00000
2884	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THZ	1.00000
2884	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THX	-1.00000
2886	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THY	-1.00000
2886	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THZ	-1.00000
2886	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	U	0.286863
2884	0	0	U	-0.286863
2884	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	V	1.00000
2884	0	0	V	-1.00000
2884	0	0	THZ	0.324168

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	U	-0.286863
2884	0	0	THZ	-1.00000
2886	0	0	U	0.286863

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	V	-1.00000
2884	0	0	THZ	-0.324168
2886	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	W	0.286863
2884	0	0	W	-0.286863
2884	0	0	THX	-1.00000
2884	0	0	THY	-0.929918E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	W	-0.286863
2884	0	0	THX	1.00000
2884	0	0	THY	0.929918E-01
2886	0	0	W	0.286863

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THX	1.00000
2889	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THY	1.00000
2889	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THZ	1.00000
2889	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THX	-1.00000
2890	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THY	-1.00000
2890	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THZ	-1.00000
2890	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	U	0.287794
2889	0	0	U	-0.287794
2889	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	V	1.00000
2889	0	0	V	-1.00000
2889	0	0	THZ	0.420058

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	U	-0.287794
2889	0	0	THZ	-1.00000
2890	0	0	U	0.287794

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	V	-1.00000
2889	0	0	THZ	-0.420058
2890	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	W	0.287794
2889	0	0	W	-0.287794
2889	0	0	THX	-1.00000
2889	0	0	THY	-0.120890

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	W	-0.287794
2889	0	0	THX	1.00000
2889	0	0	THY	0.120890
2890	0	0	W	0.287794

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 96
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
 LARGEST NODE NUMBER ENCOUNTERED = 2905
 DATA STORAGE LOCATIONS USED = 899

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	CONDITION	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT
2876	2880	4	R 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
2885	2888	3	R 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
2893	2901	4	R 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
2904	0	0	R 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

TOTAL NUMBER OF SUPPORT NODES = 8
 LARGEST NODE NUMBER = 2904

LARGEST NODE OR ELEMENT NUMBER = 2893

LOAD CASE 6

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
2897	0	0	--	--	-0.830000E-02	--	--	--
NUMBER OF LOADED NODES OR ELEMENTS				=	1			
LARGEST NODE OR ELEMENT NUMBER				=	2897			

LOAD CASE 11

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
2901	0	0	--	--	-0.970000E-02	--	--	--
NUMBER OF LOADED NODES OR ELEMENTS				=	1			
LARGEST NODE OR ELEMENT NUMBER				=	2901			

LOAD CASE 12

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
2904	0	0	--	--	-0.970000E-02	--	--	--
NUMBER OF LOADED NODES OR ELEMENTS				=	1			
LARGEST NODE OR ELEMENT NUMBER				=	2904			

LOAD CASE 13

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
2876	0	0	--	--	-0.970000E-02	--	--	--
NUMBER OF LOADED NODES OR ELEMENTS				=	1			
LARGEST NODE OR ELEMENT NUMBER				=	2876			

L O A D C A S E 14

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
2880	0	0	--	--	-0.970000E-02	--	--	--
NUMBER OF LOADED NODES OR ELEMENTS				=	1			
LARGEST NODE OR ELEMENT NUMBER				=	2880			

L O A D C A S E 15

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
2885	0	0	--	--	-0.830000E-02	--	--	--
NUMBER OF LOADED NODES OR ELEMENTS				=	1			
LARGEST NODE OR ELEMENT NUMBER				=	2885			

L O A D C A S E 16

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
2888	0	0	--	--	-0.690000E-02	--	--	--
NUMBER OF LOADED NODES OR ELEMENTS				=	1			
LARGEST NODE OR ELEMENT NUMBER				=	2888			

DATA STORAGE LOCATIONS USED = 4857

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	1687	1	0	0	0	0	0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1687
LARGEST ELEMENT NUMBER INPUT = 1687
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	1951	1	0	0
1953	3083	1	0	0

TOTAL NUMBER OF NODE OUTPUT SETS = 2
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 3083
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 = 1687
TOTAL NUMBER OF CONSTRAINTS = 96
TOTAL NUMBER OF NODES = 3082
TOTAL NUMBER OF SUPPORT NODES = 8
TOTAL NUMBER OF LOADING CASES = 9
LOCATIONS USED DURING DATA PROCESSING = 157330796
LOCATIONS AVAILABLE = 196608000
TIME USED TO PROCESS INPUT DATA = 0.28400 SEC.
TIME AT CENTRAL PROCESSOR = 16:33:35 ON 23/06/23 (DAY/MTH/YR)
INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1687
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 2282 AND 5 FOR ELEMENT NUMBER 1621 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.9608E-05 (BMTJNT PROCESSOR)

WARNING NODES 2298 AND 18 FOR ELEMENT NUMBER 1622 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1683E-05 (BMTJNT PROCESSOR)

WARNING NODES 2300 AND 30 FOR ELEMENT NUMBER 1623 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6775E-05 (BMTJNT PROCESSOR)

WARNING NODES 2302 AND 42 FOR ELEMENT NUMBER 1624 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1522E-04 (BMTJNT PROCESSOR)

WARNING NODES 2304 AND 60 FOR ELEMENT NUMBER 1625 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2702E-04 (BMTJNT PROCESSOR)

WARNING NODES 2306 AND 72 FOR ELEMENT NUMBER 1626 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4218E-04 (BMTJNT PROCESSOR)

WARNING NODES 2308 AND 90 FOR ELEMENT NUMBER 1627 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6069E-04 (BMTJNT PROCESSOR)

WARNING NODES 2310 AND 114 FOR ELEMENT NUMBER 1629 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2540E-05 (BMTJNT PROCESSOR)

WARNING NODES 2312 AND 132 FOR ELEMENT NUMBER 1630 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2953E-05 (BMTJNT PROCESSOR)

WARNING NODES 2314 AND 144 FOR ELEMENT NUMBER 1631 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3329E-05 (BMTJNT PROCESSOR)

WARNING NODES 2316 AND 162 FOR ELEMENT NUMBER 1632 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3668E-05 (BMTJNT PROCESSOR)

WARNING NODES 2318 AND 174 FOR ELEMENT NUMBER 1633 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3971E-05 (BMTJNT PROCESSOR)

WARNING NODES 2320 AND 186 FOR ELEMENT NUMBER 1634 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4237E-05 (BMTJNT PROCESSOR)

WARNING NODES 2322 AND 204 FOR ELEMENT NUMBER 1635 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4466E-05 (BMTJNT PROCESSOR)

WARNING NODES 2324 AND 216 FOR ELEMENT NUMBER 1636 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4658E-05 (BMTJNT PROCESSOR)

WARNING NODES 2326 AND 234 FOR ELEMENT NUMBER 1637 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4814E-05 (BMTJNT PROCESSOR)

WARNING NODES 2286 AND 246 FOR ELEMENT NUMBER 1638 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.8131E-04 (BMTJNT PROCESSOR)

WARNING NODES 2328 AND 258 FOR ELEMENT NUMBER 1639 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5015E-05 (BMTJNT PROCESSOR)

WARNING NODES 2330 AND 276 FOR ELEMENT NUMBER 1640 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5060E-05 (BMTJNT PROCESSOR)

WARNING NODES 2332 AND 288 FOR ELEMENT NUMBER 1641 ARE NOT COINCIDENT

4	0.130076	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	3175.79	0.000000E+00	4848.62	0.358146E+07	460.323	-62.5706	-0.266821E-01

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
16	0.135738E+11	0.758555E+12	0.772129E+12	0.989638E+11	0.000000E+00	0.000000E+00
1	0.516996E+09	0.290442E+11	0.295610E+11	0.378014E+10	-0.596977E+07	0.439884E+08
15	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
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
5	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
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	0.140908E+11	0.787599E+12	0.801690E+12	0.102744E+12	-0.596977E+07	0.439884E+08

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
16	0.673820E+08	0.276142E+11	0.276816E+11	-0.396046E+09	0.000000E+00	0.000000E+00
1	0.162117E+07	0.108497E+10	0.108654E+10	-0.155790E+08	2089.40	-14.2786
15	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
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
5	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
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	0.690707E+08	0.286992E+11	0.287681E+11	-0.411625E+09	9521.59	-323.631

MATERIAL SET	----- PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES -----					
	I KG M **2	I KG M **2	I KG M **2	PRINCIPAL DIRECTIONS		
16	0.276816E+11	0.276199E+11	0.616891E+08	(0.00, 0.00, 1.00)	(-0.01, 1.00, 0.00)	(1.00, 0.01, 0.00)
1	0.108654E+10	0.108520E+10	0.139719E+07	(-0.00, 0.00, 1.00)	(-0.01, 1.00, -0.00)	(1.00, 0.01, -0.00)
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)
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)
5	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)
4	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	0.287681E+11	0.287051E+11	0.631538E+08	(-0.00, 0.00, 1.00)	(-0.01, 1.00, -0.00)	(1.00, 0.01, 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 4						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-0.361353E-06
LOAD CASE 5						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE 6						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE 11						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE 12						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE 13						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
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

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2180

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.40001E-02 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 88054

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 7196777
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7836
 TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7836
 TOTAL NO. OF EQUATIONS = 7932
 TOTAL NO. OF ACTIVE NODES = 1306

NUMBER OF ELEMENT GROUPS = 2
 MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1598

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 1500501
 MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 3928036
 MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
 MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 1327958
 TOTAL SIZE OF ELEMENT DATA RECORDS = 1570166
 TOTAL SIZE OF ELEMENT RESULT RECORDS = 4002778
 TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
 TOTAL SIZE OF GLOBAL SOLUTION RECORD = 46440
 TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 211411

TIME FOR PRE-SOLUTION PROCESS = 0.27000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 16:33:35 ON 23/06/23 (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 = 139833
 Number of iterative refinement steps = 5
 Number of positive eigenvalues = 7788
 Number of negative eigenvalues = 96
 Peak memory used during analysis and symbolic factorisation (MB) = 5.26
 Total peak memory used during solve (MB) = 8.00
 In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.32839E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.18535E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.22565E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.27722E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 = 0.14208E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 6 = 0.28433E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 7 = 0.13911E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 8 = 0.15217E-23
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 9 = 0.37513E-23

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

LOCATIONS USED DURING POST-SOLUTION PROCESS = 7333332
 LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1687
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.47500 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.78800 SEC.

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

TIME AT CENTRAL PROCESSOR = 16:33:36 ON 23/06/23 (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	324	4179	2511	0	32.96875
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	6	364	155	0	2.406250
PLOT	16384	15227	18343	3063	0	49.18750
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 17:47:47 ON 23/06/23 (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,
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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\VI01_marroggia\LUSASFiles32\Marroggia_rev01_g\Marroggia_rev01_g~04_Fase3.dat

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

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 17:47:48 ON 23/06/23 (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			
1599	2874	1186	2906	2907
1600	2875	1386	2908	2909
1601	2876	2877	2910	2911
1602	2878	1390	2912	2913
1603	2879	1590	2914	2915
1604	2880	2881	2916	2917
1605	2882	1594	2918	2919
1606	2883	1794	2920	2921
1607	2885	2884	2922	2923
1608	2886	1798	2924	2925
1609	2887	1938	2926	2927
1610	2888	2889	2928	2929
1611	2890	1947	2930	2931
1612	2891	2552	2932	2933
1613	2893	2892	2934	2935
1614	2894	2562	2936	2937
1615	2895	2702	2938	2939
1616	2897	2896	2940	2941
1617	2898	2706	2942	2943
1618	2899	978	2944	2945
1619	2901	2900	2946	2947
1620	2902	982	2948	2949
1621	2282	5	2950	2951
1622	2298	18	2952	2953
1623	2300	30	2954	2955
1624	2302	42	2956	2957
1625	2304	60	2958	2959
1626	2306	72	2960	2961
1627	2308	90	2962	2963
1628	2284	102	2964	2965
1629	2310	114	2966	2967
1630	2312	132	2968	2969
1631	2314	144	2970	2971
1632	2316	162	2972	2973
1633	2318	174	2974	2975
1634	2320	186	2976	2977
1635	2322	204	2978	2979
1636	2324	216	2980	2981
1637	2326	234	2982	2983
1638	2286	246	2984	2985
1639	2328	258	2986	2987
1640	2330	276	2988	2989
1641	2332	288	2990	2991
1642	2334	306	2992	2993
1643	2336	318	2994	2995
1644	2338	342	2996	2997
1645	2340	360	2998	2999
1646	2342	372	3000	3001
1647	2344	390	3002	3003
1648	2288	402	3004	3005
1649	2346	414	3006	3007
1650	2348	432	3008	3009
1651	2350	444	3010	3011
1652	2352	462	3012	3013
1653	2354	474	3014	3015
1654	2356	486	3016	3017
1655	2358	504	3018	3019
1656	2360	516	3020	3021
1657	2362	534	3022	3023
1658	2290	546	3024	3025
1659	2364	558	3026	3027
1660	2366	576	3028	3029
1661	2368	588	3030	3031
1662	2370	606	3032	3033
1663	2372	618	3034	3035
1664	2374	630	3036	3037
1665	2376	648	3038	3039
1666	2378	660	3040	3041
1667	2380	678	3042	3043
1668	2292	690	3044	3045
1669	2382	702	3046	3047
1670	2384	720	3048	3049
1671	2386	732	3050	3051
1672	2388	750	3052	3053
1673	2390	762	3054	3055
1674	2392	774	3056	3057
1675	2394	792	3058	3059
1676	2396	804	3060	3061
1677	2398	822	3062	3063
1678	2294	834	3064	3065
1679	2400	846	3066	3067
1680	2402	864	3068	3069
1681	2404	876	3070	3071
1682	2406	894	3072	3073
1683	2408	906	3074	3075
1684	2410	924	3076	3077
1685	2296	936	3078	3079

1686	2903	1182	3080	3081
1687	2904	2905	3082	3083

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

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

BMI21	ELEMENTS		
1	1	2	3
2	4	5	6
3	7	8	9
4	2	10	11
5	5	12	13
6	8	14	15
7	10	16	17
8	12	18	19
9	14	20	21
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17	30	36	37
18	32	38	39
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21	38	44	45
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23	42	48	49
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26	48	54	55
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31	58	64	65
32	60	66	67
33	62	68	69
34	64	70	71
35	66	72	73
36	68	74	75
37	70	76	77
38	72	78	79
39	74	80	81
40	76	82	83
41	78	84	85
42	80	86	87
43	82	88	89
44	84	90	91
45	86	92	93
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48	92	98	99
49	94	100	101
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53	102	108	109
54	104	110	111
55	106	112	113
56	108	114	115
57	110	116	117
58	112	118	119
59	114	120	121
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61	118	124	125
62	120	126	127
63	122	128	129
64	124	130	131
65	126	132	133
66	128	134	135
67	130	136	137
68	132	138	139
69	134	140	141
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71	138	144	145
72	140	146	147
73	142	148	149
74	144	150	151
75	146	152	153
76	148	154	155
77	150	156	157
78	152	158	159
79	154	160	161
80	156	162	163
81	158	164	165
82	160	166	167
83	162	168	169
84	164	170	171
85	166	172	173
86	168	174	175
87	170	176	177
88	172	178	179
89	174	180	181
90	176	182	183
91	178	184	185
92	180	186	187
93	182	188	189

94	184	190	191
95	186	192	193
96	188	194	195
97	190	196	197
98	192	198	199
99	194	200	201
100	196	202	203
101	198	204	205
102	200	206	207
103	202	208	209
104	204	210	211
105	206	212	213
106	208	214	215
107	210	216	217
108	212	218	219
109	214	220	221
110	216	222	223
111	218	224	225
112	220	226	227
113	222	228	229
114	224	230	231
115	226	232	233
116	228	234	235
117	230	236	237
118	232	238	239
119	234	240	241
120	236	242	243
121	238	244	245
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125	246	252	253
126	248	254	255
127	250	256	257
128	252	258	259
129	254	260	261
130	256	262	263
131	258	264	265
132	260	266	267
133	262	268	269
134	264	270	271
135	266	272	273
136	268	274	275
137	270	276	277
138	272	278	279
139	274	280	281
140	276	282	283
141	278	284	285
142	280	286	287
143	282	288	289
144	284	290	291
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146	288	294	295
147	290	296	297
148	292	298	299
149	294	300	301
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151	298	304	305
152	300	306	307
153	302	308	309
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155	306	312	313
156	308	314	315
157	310	316	317
158	312	318	319
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161	318	324	325
162	320	326	327
163	322	328	329
164	324	330	331
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167	330	336	337
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169	334	340	341
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186	368	374	375
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213	422	428	429
214	424	430	431
215	426	432	433
216	428	434	435
217	430	436	437
218	432	438	439
219	434	440	441
220	436	442	443
221	438	444	445
222	440	446	447
223	442	448	449
224	444	450	451
225	446	452	453
226	448	454	455
227	450	456	457
228	452	458	459
229	454	460	461
230	456	462	463
231	458	464	465
232	460	466	467
233	462	468	469
234	464	470	471
235	466	472	473
236	468	474	475
237	470	476	477
238	472	478	479
239	474	480	481
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279	554	560	561
280	556	562	563
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282	560	566	567
283	562	568	569
284	564	570	571
285	566	572	573
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303	602	608	609

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307	610	616	617
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313	622	628	629
314	624	630	631
315	626	632	633
316	628	634	635
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331	658	664	665
332	660	666	667
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334	664	670	671
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336	668	674	675
337	670	676	677
338	672	678	679
339	674	680	681
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341	678	684	685
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343	682	688	689
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353	702	708	709
354	704	710	711
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356	708	714	715
357	710	716	717
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359	714	720	721
360	716	722	723
361	718	724	725
362	720	726	727
363	722	728	729
364	724	730	731
365	726	732	733
366	728	734	735
367	730	736	737
368	732	738	739
369	734	740	741
370	736	742	743
371	738	744	745
372	740	746	747
373	742	748	749
374	744	750	751
375	746	752	753
376	748	754	755
377	750	756	757
378	752	758	759
379	754	760	761
380	756	762	763
381	758	764	765
382	760	766	767
383	762	768	769
384	764	770	771
385	766	772	773
386	768	774	775
387	770	776	777
388	772	778	779
389	774	780	781
390	776	782	783
391	778	784	785
392	780	786	787
393	782	788	789
394	784	790	791
395	786	792	793
396	788	794	795
397	790	796	797
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399	794	800	801
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404	804	810	811
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406	808	814	815
407	810	816	817
408	812	818	819

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410	816	822	823
411	818	824	825
412	820	826	827
413	822	828	829
414	824	830	831
415	826	832	833
416	828	834	835
417	830	836	837
418	832	838	839
419	834	840	841
420	836	842	843
421	838	844	845
422	840	846	847
423	842	848	849
424	844	850	851
425	846	852	853
426	848	854	855
427	850	856	857
428	852	858	859
429	854	860	861
430	856	862	863
431	858	864	865
432	860	866	867
433	862	868	869
434	864	870	871
435	866	872	873
436	868	874	875
437	870	876	877
438	872	878	879
439	874	880	881
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441	878	884	885
442	880	886	887
443	882	888	889
444	884	890	891
445	886	892	893
446	888	894	895
447	890	896	897
448	892	898	899
449	894	900	901
450	896	902	903
451	898	904	905
452	900	906	907
453	902	908	909
454	904	910	911
455	906	912	913
456	908	914	915
457	910	916	917
458	912	918	919
459	914	920	921
460	916	922	923
461	918	924	925
462	920	926	927
463	922	928	929
464	924	930	931
465	926	932	933
466	928	934	935
467	930	936	937
468	932	938	939
469	934	940	941
470	936	942	943
471	938	944	945
472	224	946	947
473	946	948	949
474	953	951	956
475	232	953	957
476	234	232	958
477	234	236	959
478	236	954	960
479	954	955	961
480	962	963	966
481	963	238	967
482	238	240	968
483	240	242	969
484	242	964	970
485	964	965	971
486	973	972	976
487	244	973	977
488	978	244	979
489	246	244	980
490	246	248	981
491	982	248	983
492	248	974	984
493	974	975	985
494	986	987	990
495	987	250	991
496	250	252	992
497	252	254	993
498	254	988	994
499	988	989	995
500	997	996	1000
501	256	997	1001
502	258	256	1002
503	258	260	1003
504	260	998	1004
505	998	999	1005
506	1006	1007	1010
507	1007	268	1011
508	268	270	1012
509	270	272	1013
510	272	1008	1014
511	1008	1009	1015
512	1017	1016	1020
513	274	1017	1021

514	276	274	1022
515	276	278	1023
516	278	1018	1024
517	1018	1019	1025
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520	280	282	1032
521	282	284	1033
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523	1028	1029	1035
524	1037	1036	1040
525	286	1037	1041
526	288	286	1042
527	288	290	1043
528	290	1038	1044
529	1038	1039	1045
530	1046	1047	1050
531	1047	292	1051
532	292	294	1052
533	294	296	1053
534	296	1048	1054
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537	304	1057	1061
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539	306	308	1063
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555	1087	328	1091
556	328	330	1092
557	330	332	1093
558	332	1088	1094
559	1088	1089	1095
560	1097	1096	1100
561	340	1097	1101
562	342	340	1102
563	342	344	1103
564	344	1098	1104
565	1098	1099	1105
566	1106	1107	1110
567	1107	352	1111
568	352	354	1112
569	354	356	1113
570	356	1108	1114
571	1108	1109	1115
572	1117	1116	1120
573	358	1117	1121
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575	360	362	1123
576	362	1118	1124
577	1118	1119	1125
578	1126	1127	1130
579	1127	364	1131
580	364	366	1132
581	366	368	1133
582	368	1128	1134
583	1128	1129	1135
584	1137	1136	1140
585	370	1137	1141
586	372	370	1142
587	372	374	1143
588	374	1138	1144
589	1138	1139	1145
590	1146	1147	1150
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592	376	378	1152
593	378	380	1153
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601	1158	1159	1165
602	1166	1167	1170
603	1167	394	1171
604	394	396	1172
605	396	398	1173
606	398	1168	1174
607	1168	1169	1175
608	1177	1176	1180
609	400	1177	1181
610	1182	400	1183
611	402	400	1184
612	402	404	1185
613	1186	404	1187
614	404	1178	1188
615	1178	1179	1189
616	1190	1191	1194
617	1191	406	1195
618	406	408	1196

619	408	410	1197
620	410	1192	1198
621	1192	1193	1199
622	1200	1201	1204
623	412	1200	1205
624	414	412	1206
625	414	416	1207
626	416	1203	1208
627	1203	1202	1209
628	1210	1211	1214
629	424	1210	1215
630	426	424	1216
631	428	426	1217
632	1213	428	1218
633	1212	1213	1219
634	1221	1220	1224
635	430	1221	1225
636	432	430	1226
637	432	434	1227
638	434	1222	1228
639	1222	1223	1229
640	1231	1230	1234
641	436	1231	1235
642	438	436	1236
643	440	438	1237
644	1232	440	1238
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646	1241	1240	1244
647	442	1241	1245
648	444	442	1246
649	444	446	1247
650	446	1242	1248
651	1242	1243	1249
652	1251	1250	1254
653	448	1251	1255
654	450	448	1256
655	452	450	1257
656	1252	452	1258
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1352	2165	608	2495
1353	2168	616	2496

1354	2170	620	2497
1355	2173	628	2498
1356	2175	632	2499
1357	2178	646	2500
1358	2180	650	2501
1359	2183	658	2502
1360	2185	662	2503
1361	2188	676	2504
1362	2190	680	2505
1363	2193	688	2506
1364	2195	692	2507
1365	2198	700	2508
1366	2200	704	2509
1367	2203	718	2510
1368	2205	722	2511
1369	2208	730	2512
1370	2210	734	2513
1371	2213	748	2514
1372	2215	752	2515
1373	2218	760	2516
1374	2220	764	2517
1375	2223	772	2518
1376	2225	776	2519
1377	2228	790	2520
1378	2230	794	2521
1379	2233	802	2522
1380	2235	806	2523
1381	2238	820	2524
1382	2240	824	2525
1383	2243	832	2526
1384	2245	836	2527
1385	2248	844	2528
1386	2250	848	2529
1387	2253	862	2530
1388	2255	866	2531
1389	2258	874	2532
1390	2260	878	2533
1391	2263	892	2534
1392	2265	896	2535
1393	2268	904	2536
1394	2270	908	2537
1395	2273	922	2538
1396	2275	926	2539
1397	2278	934	2540
1398	2280	938	2541
1399	2542	2543	2544
1400	1	2542	2545
1401	4	1	2548
1402	2547	2546	2549
1403	4	7	2550
1404	2	2547	2551
1405	2552	2	2553
1406	7	2554	2555
1407	5	2	2556
1408	2554	2557	2558
1409	5	8	2559
1410	2562	8	2563
1411	8	2560	2564
1412	2560	2561	2565
1413	2566	2567	2570
1414	2567	10	2571
1415	10	12	2572
1416	12	14	2573
1417	14	2568	2574
1418	2568	2569	2575
1419	2577	2576	2580
1420	16	2577	2581
1421	18	16	2582
1422	18	20	2583
1423	20	2578	2584
1424	2578	2579	2585
1425	2586	2587	2590
1426	2587	22	2591
1427	22	24	2592
1428	24	26	2593
1429	26	2588	2594
1430	2588	2589	2595
1431	2597	2596	2600
1432	28	2597	2601
1433	30	28	2602
1434	30	32	2603
1435	32	2598	2604
1436	2598	2599	2605
1437	2606	2607	2610
1438	2607	34	2611
1439	34	36	2612
1440	36	38	2613
1441	38	2608	2614
1442	2608	2609	2615
1443	2617	2616	2620
1444	40	2617	2621
1445	42	40	2622
1446	42	44	2623
1447	44	2618	2624
1448	2618	2619	2625
1449	2626	2627	2630
1450	2627	46	2631
1451	46	48	2632
1452	48	50	2633
1453	50	2628	2634
1454	2628	2629	2635
1455	2637	2636	2640
1456	58	2637	2641
1457	60	58	2642
1458	60	62	2643

1459	62	2638	2644
1460	2638	2639	2645
1461	2646	2647	2650
1462	2647	64	2651
1463	64	66	2652
1464	66	68	2653
1465	68	2648	2654
1466	2648	2649	2655
1467	2657	2656	2660
1468	70	2657	2661
1469	72	70	2662
1470	72	74	2663
1471	74	2658	2664
1472	2658	2659	2665
1473	2666	2667	2670
1474	2667	76	2671
1475	76	78	2672
1476	78	80	2673
1477	80	2668	2674
1478	2668	2669	2675
1479	2677	2676	2680
1480	88	2677	2681
1481	90	88	2682
1482	90	92	2683
1483	92	2678	2684
1484	2678	2679	2685
1485	2686	2687	2690
1486	2687	94	2691
1487	94	96	2692
1488	96	98	2693
1489	98	2688	2694
1490	2688	2689	2695
1491	2697	2696	2700
1492	100	2697	2701
1493	2702	100	2703
1494	102	100	2704
1495	102	104	2705
1496	2706	104	2707
1497	104	2698	2708
1498	2698	2699	2709
1499	2710	2711	2714
1500	2711	106	2715
1501	106	108	2716
1502	108	110	2717
1503	110	2712	2718
1504	2712	2713	2719
1505	2721	2720	2724
1506	112	2721	2725
1507	114	112	2726
1508	114	116	2727
1509	116	2722	2728
1510	2722	2723	2729
1511	2730	2731	2734
1512	2731	124	2735
1513	124	126	2736
1514	126	128	2737
1515	128	2732	2738
1516	2732	2733	2739
1517	2741	2740	2744
1518	130	2741	2745
1519	132	130	2746
1520	132	134	2747
1521	134	2742	2748
1522	2742	2743	2749
1523	2750	2751	2754
1524	2751	136	2755
1525	136	138	2756
1526	138	140	2757
1527	140	2752	2758
1528	2752	2753	2759
1529	2761	2760	2764
1530	142	2761	2765
1531	144	142	2766
1532	144	146	2767
1533	146	2762	2768
1534	2762	2763	2769
1535	2770	2771	2774
1536	2771	148	2775
1537	148	150	2776
1538	150	152	2777
1539	152	2772	2778
1540	2772	2773	2779
1541	2781	2780	2784
1542	160	2781	2785
1543	162	160	2786
1544	162	164	2787
1545	164	2782	2788
1546	2782	2783	2789
1547	2790	2791	2794
1548	2791	166	2795
1549	166	168	2796
1550	168	170	2797
1551	170	2792	2798
1552	2792	2793	2799
1553	2801	2800	2804
1554	172	2801	2805
1555	174	172	2806
1556	174	176	2807
1557	176	2802	2808
1558	2802	2803	2809
1559	2810	2811	2814
1560	2811	178	2815
1561	178	180	2816
1562	180	182	2817
1563	182	2812	2818

1564	2812	2813	2819
1565	2821	2820	2824
1566	184	2821	2825
1567	186	184	2826
1568	186	188	2827
1569	188	2822	2828
1570	2822	2823	2829
1571	2830	2831	2834
1572	2831	196	2835
1573	196	198	2836
1574	198	200	2837
1575	200	2832	2838
1576	2832	2833	2839
1577	2841	2840	2844
1578	202	2841	2845
1579	204	202	2846
1580	204	206	2847
1581	206	2842	2848
1582	2842	2843	2849
1583	2850	2851	2854
1584	2851	208	2855
1585	208	210	2856
1586	210	212	2857
1587	212	2852	2858
1588	2852	2853	2859
1589	2861	2860	2864
1590	214	2861	2865
1591	216	214	2866
1592	216	218	2867
1593	218	2862	2868
1594	2862	2863	2869
1595	950	952	2870
1596	952	220	2871
1597	220	222	2872
1598	222	224	2873

TOTAL NUMBER OF ELEMENTS	=	1687
LARGEST ELEMENT NUMBER	=	1687
LARGEST NODE NUMBER	=	3083

DEFAULT SOLVER CHOSEN

NODE COORDINATES

NODE NO.	COORDINATE IN X-DIRECTION M	COORDINATE IN Y-DIRECTION M	COORDINATE IN Z-DIRECTION M
1	304.676	-62.9175	0.000000E+00
2	305.273	-62.9707	0.000000E+00
3	304.764	-61.9214	0.000000E+00
4	304.985	-59.4312	0.000000E+00
5	305.583	-59.4844	0.000000E+00
6	305.074	-58.4351	0.000000E+00
7	305.295	-55.9449	0.000000E+00
8	305.893	-55.9981	0.000000E+00
9	305.384	-54.9489	0.000000E+00
10	307.679	-63.1824	0.000000E+00
11	305.361	-61.9745	0.000000E+00
12	307.981	-59.6955	0.000000E+00
13	305.671	-58.4883	0.000000E+00
14	308.287	-56.2089	0.000000E+00
15	305.980	-55.0020	0.000000E+00
16	310.081	-63.3900	0.000000E+00
17	307.765	-62.1862	0.000000E+00
18	310.379	-59.9027	0.000000E+00
19	308.067	-58.6992	0.000000E+00
20	310.678	-56.4155	0.000000E+00
21	308.373	-55.2126	0.000000E+00
22	312.477	-63.5932	0.000000E+00
23	310.165	-62.3936	0.000000E+00
24	312.770	-60.1055	0.000000E+00
25	310.464	-58.9063	0.000000E+00
26	313.063	-56.6178	0.000000E+00
27	310.762	-55.4191	0.000000E+00
28	314.889	-63.7939	0.000000E+00
29	312.560	-62.5967	0.000000E+00
30	315.177	-60.3057	0.000000E+00
31	312.853	-59.1090	0.000000E+00
32	315.464	-56.8175	0.000000E+00
33	313.146	-55.6212	0.000000E+00
34	317.303	-63.9908	0.000000E+00
35	314.971	-62.7972	0.000000E+00
36	317.576	-60.5014	0.000000E+00
37	315.258	-59.3090	0.000000E+00
38	317.867	-57.0135	0.000000E+00
39	315.545	-55.8208	0.000000E+00
40	319.699	-64.1824	0.000000E+00
41	317.383	-62.9940	0.000000E+00
42	319.975	-60.6933	0.000000E+00
43	317.655	-59.5046	0.000000E+00
44	320.251	-57.2042	0.000000E+00
45	317.947	-56.0167	0.000000E+00
46	322.104	-64.3709	0.000000E+00
47	319.777	-63.1854	0.000000E+00
48	322.375	-60.8813	0.000000E+00
49	320.053	-59.6964	0.000000E+00
50	322.646	-57.3918	0.000000E+00
51	320.330	-56.2073	0.000000E+00

52	322.954	-64.4365	0.000000E+00
53	322.182	-63.3738	0.000000E+00
54	323.222	-60.9468	0.272005E-14
55	322.452	-59.8843	0.000000E+00
56	323.491	-57.4571	0.000000E+00
57	322.723	-56.3948	0.000000E+00
58	324.510	-64.5555	0.000000E+00
59	323.030	-63.4394	0.000000E+00
60	324.775	-61.0655	0.103806E-13
61	323.298	-59.9497	0.272005E-14
62	325.040	-57.5756	0.000000E+00
63	323.567	-56.4601	0.000000E+00
64	326.907	-64.7356	0.000000E+00
65	324.585	-63.5583	0.000000E+00
66	327.176	-61.2459	0.000000E+00
67	324.850	-60.0683	0.103806E-13
68	327.426	-57.7548	0.000000E+00
69	325.115	-56.5784	0.000000E+00
70	329.322	-64.9132	0.000000E+00
71	326.980	-63.7383	0.000000E+00
72	329.576	-61.4224	0.000000E+00
73	327.249	-60.2486	0.000000E+00
74	329.830	-57.9317	0.000000E+00
75	327.499	-56.7575	0.000000E+00
76	331.736	-65.0868	0.000000E+00
77	329.394	-63.9158	0.000000E+00
78	331.985	-61.5956	0.000000E+00
79	329.648	-60.4250	0.000000E+00
80	332.233	-58.1044	0.000000E+00
81	329.902	-56.9342	0.000000E+00
82	332.950	-65.1727	0.000000E+00
83	331.807	-64.0893	0.000000E+00
84	333.195	-61.6812	-0.416334E-13
85	332.055	-60.5981	0.000000E+00
86	333.441	-58.1899	0.000000E+00
87	332.303	-57.1069	0.000000E+00
88	334.136	-65.2556	0.000000E+00
89	333.019	-64.1751	0.000000E+00
90	334.378	-61.7639	-0.274780E-13
91	333.265	-60.6836	-0.416334E-13
92	334.621	-58.2724	0.000000E+00
93	333.510	-57.1923	0.000000E+00
94	336.541	-65.4208	0.000000E+00
95	334.204	-64.2579	0.000000E+00
96	336.780	-61.9290	0.000000E+00
97	334.447	-60.7663	-0.274780E-13
98	337.015	-58.4368	0.000000E+00
99	334.690	-57.2748	0.000000E+00
100	338.950	-65.5825	0.000000E+00
101	336.608	-64.4230	0.000000E+00
102	339.182	-62.0901	0.000000E+00
103	336.847	-60.9312	0.000000E+00
104	339.413	-58.5978	0.000000E+00
105	337.082	-57.4391	0.000000E+00
106	341.373	-65.7410	0.000000E+00
107	339.015	-64.5846	0.000000E+00
108	341.599	-62.2483	0.000000E+00
109	339.247	-61.0923	0.000000E+00
110	341.824	-58.7556	0.000000E+00
111	339.478	-57.5999	0.000000E+00
112	343.801	-65.8961	0.000000E+00
113	341.436	-64.7431	0.000000E+00
114	344.021	-62.4031	0.568434E-13
115	341.662	-61.2504	0.000000E+00
116	344.242	-58.9100	0.000000E+00
117	341.888	-57.7577	0.000000E+00
118	344.952	-65.9682	0.000000E+00
119	343.864	-64.8981	0.000000E+00
120	345.169	-62.4751	0.194289E-13
121	344.084	-61.4050	0.568434E-13
122	345.387	-58.9818	0.000000E+00
123	344.304	-57.9120	0.000000E+00
124	346.232	-66.0474	0.000000E+00
125	345.013	-64.9701	0.000000E+00
126	346.446	-62.5540	0.309197E-13
127	345.231	-61.4770	0.194289E-13
128	346.661	-59.0606	0.000000E+00
129	345.448	-57.9837	0.000000E+00
130	348.653	-66.1942	0.000000E+00
131	346.292	-65.0493	0.000000E+00
132	348.862	-62.7005	0.000000E+00
133	346.507	-61.5559	0.309197E-13
134	349.071	-59.2067	0.000000E+00
135	346.721	-58.0624	0.000000E+00
136	351.092	-66.3381	0.000000E+00
137	348.712	-65.1960	0.000000E+00
138	351.295	-62.8440	0.000000E+00
139	348.921	-61.7022	0.000000E+00
140	351.498	-59.3500	0.000000E+00
141	349.130	-58.2085	0.000000E+00
142	353.506	-66.4767	0.000000E+00
143	351.149	-65.3398	0.000000E+00
144	353.704	-62.9823	0.000000E+00
145	351.352	-61.8457	0.000000E+00
146	353.902	-59.4879	0.000000E+00
147	351.556	-58.3516	0.000000E+00
148	355.926	-66.6117	0.000000E+00
149	353.562	-65.4783	0.000000E+00
150	356.119	-63.1170	0.000000E+00
151	353.760	-61.9839	0.000000E+00
152	356.311	-59.6222	0.000000E+00
153	353.958	-58.4894	0.000000E+00
154	357.209	-66.6817	0.000000E+00
155	355.981	-65.6132	0.000000E+00
156	357.398	-63.1869	0.666134E-14

157	356.173	-62.1185	0.000000E+00
158	357.588	-59.6919	0.000000E+00
159	356.365	-58.6237	0.000000E+00
160	358.360	-66.7435	0.000000E+00
161	357.263	-65.6831	0.000000E+00
162	358.547	-63.2485	-0.888178E-15
163	357.452	-62.1883	0.666134E-14
164	358.733	-59.7535	0.000000E+00
165	357.641	-58.6933	0.000000E+00
166	360.788	-66.8711	0.000000E+00
167	358.413	-65.7449	0.000000E+00
168	360.968	-63.3757	0.000000E+00
169	358.599	-62.2499	-0.888178E-15
170	361.150	-59.8804	0.000000E+00
171	358.786	-58.7548	0.000000E+00
172	363.215	-66.9947	0.000000E+00
173	360.839	-65.8724	0.000000E+00
174	363.390	-63.4991	0.000000E+00
175	361.019	-62.3770	0.000000E+00
176	363.566	-60.0035	0.000000E+00
177	361.201	-58.8817	0.000000E+00
178	365.651	-67.1148	0.000000E+00
179	363.264	-65.9959	0.000000E+00
180	365.812	-63.6185	0.000000E+00
181	363.440	-62.5003	0.000000E+00
182	365.990	-60.1230	0.000000E+00
183	363.615	-59.0047	0.000000E+00
184	368.071	-67.2302	0.000000E+00
185	365.698	-66.1159	0.000000E+00
186	368.235	-63.7340	0.000000E+00
187	365.860	-62.6196	0.000000E+00
188	368.399	-60.2379	0.000000E+00
189	366.038	-59.1241	0.000000E+00
190	369.222	-67.2837	0.000000E+00
191	368.117	-66.2313	0.000000E+00
192	369.383	-63.7875	0.470179E-13
193	368.281	-62.7351	0.000000E+00
194	369.545	-60.2912	0.000000E+00
195	368.445	-59.2389	0.000000E+00
196	370.488	-67.3416	0.000000E+00
197	369.268	-66.2848	0.000000E+00
198	370.646	-63.8452	-0.489053E-13
199	369.429	-62.7886	0.470179E-13
200	370.805	-60.3487	0.000000E+00
201	369.590	-59.2922	0.000000E+00
202	372.927	-67.4500	0.000000E+00
203	370.532	-66.3426	0.000000E+00
204	373.080	-63.9534	0.000000E+00
205	370.691	-62.8462	-0.489053E-13
206	373.232	-60.4567	0.000000E+00
207	370.849	-59.3497	0.000000E+00
208	375.352	-67.5540	0.000000E+00
209	372.970	-66.4510	0.000000E+00
210	375.499	-64.0570	0.000000E+00
211	373.122	-62.9543	0.000000E+00
212	375.646	-60.5601	0.000000E+00
213	373.275	-59.4576	0.000000E+00
214	377.784	-67.6542	0.000000E+00
215	375.393	-66.5548	0.000000E+00
216	377.925	-64.1571	0.000000E+00
217	375.540	-63.0579	0.000000E+00
218	378.067	-60.6600	0.000000E+00
219	375.687	-59.5610	0.000000E+00
220	380.217	-67.7506	0.000000E+00
221	377.824	-66.6550	0.000000E+00
222	380.352	-64.2533	0.000000E+00
223	377.965	-63.1579	0.000000E+00
224	380.488	-60.7559	0.000000E+00
225	378.106	-59.6607	0.000000E+00
226	381.490	-67.7995	0.000000E+00
227	380.255	-66.7514	0.000000E+00
228	381.623	-64.3021	0.298650E-13
229	380.391	-63.2540	0.000000E+00
230	381.755	-60.8045	0.000000E+00
231	380.527	-59.7566	0.000000E+00
232	382.642	-67.8428	0.000000E+00
233	381.527	-66.8002	0.000000E+00
234	382.772	-64.3452	-0.593414E-13
235	381.660	-63.3028	0.298650E-13
236	382.902	-60.8476	0.000000E+00
237	381.793	-59.8052	0.000000E+00
238	385.082	-67.9316	0.000000E+00
239	382.678	-66.8434	0.000000E+00
240	385.206	-64.4338	0.000000E+00
241	382.808	-63.3459	-0.593414E-13
242	385.331	-60.9360	0.000000E+00
243	382.938	-59.8483	0.000000E+00
244	387.500	-68.0156	0.000000E+00
245	385.117	-66.9322	0.000000E+00
246	387.619	-64.5177	0.000000E+00
247	385.241	-63.4344	0.000000E+00
248	387.737	-61.0197	0.000000E+00
249	385.366	-59.9366	0.000000E+00
250	389.922	-68.0960	0.000000E+00
251	387.533	-67.0162	0.000000E+00
252	390.035	-64.5978	0.000000E+00
253	387.652	-63.5183	0.000000E+00
254	390.148	-61.0996	0.000000E+00
255	387.771	-60.0202	0.000000E+00
256	392.359	-68.1729	0.000000E+00
257	389.953	-67.0965	0.000000E+00
258	392.466	-64.6745	0.341061E-12
259	390.066	-63.5983	0.000000E+00
260	392.574	-61.1762	0.000000E+00
261	390.180	-60.1001	0.000000E+00

262	393.511	-68.2078	0.000000E+00
263	392.389	-67.1733	0.000000E+00
264	393.616	-64.7095	-0.282552E-13
265	392.497	-63.6750	0.341061E-12
266	393.720	-61.2110	0.000000E+00
267	392.604	-60.1766	0.000000E+00
268	394.788	-68.2456	0.000000E+00
269	393.540	-67.2083	0.000000E+00
270	394.890	-64.7471	-0.587863E-13
271	393.645	-63.7099	-0.282552E-13
272	394.992	-61.2486	0.000000E+00
273	393.750	-60.2114	0.000000E+00
274	397.218	-68.3144	0.000000E+00
275	394.816	-67.2460	0.000000E+00
276	397.314	-64.8157	0.000000E+00
277	394.918	-63.7475	-0.587863E-13
278	397.410	-61.3171	0.000000E+00
279	395.020	-60.2490	0.000000E+00
280	399.655	-68.3795	0.000000E+00
281	397.244	-67.3148	0.000000E+00
282	399.746	-64.8807	0.000000E+00
283	397.341	-63.8161	0.000000E+00
284	399.836	-61.3818	0.000000E+00
285	397.437	-60.3174	0.000000E+00
286	402.077	-68.4403	0.000000E+00
287	399.680	-67.3798	0.000000E+00
288	402.162	-64.9413	0.000000E+00
289	399.771	-63.8810	0.000000E+00
290	402.247	-61.4424	0.000000E+00
291	399.861	-60.3822	0.000000E+00
292	404.496	-68.4971	0.000000E+00
293	402.101	-67.4406	0.000000E+00
294	404.575	-64.9980	0.000000E+00
295	402.186	-63.9416	0.000000E+00
296	404.655	-61.4989	0.000000E+00
297	402.271	-60.4426	0.000000E+00
298	405.785	-68.5258	0.000000E+00
299	404.518	-67.4973	0.000000E+00
300	405.861	-65.0267	0.177636E-14
301	404.598	-63.9982	0.000000E+00
302	405.938	-61.5275	0.000000E+00
303	404.677	-60.4991	0.000000E+00
304	406.937	-68.5505	0.000000E+00
305	405.806	-67.5260	0.000000E+00
306	407.011	-65.0513	0.522637E-13
307	405.883	-64.0269	0.177636E-14
308	407.085	-61.5521	0.000000E+00
309	405.959	-60.5277	0.000000E+00
310	409.368	-68.5997	0.000000E+00
311	406.958	-67.5507	0.000000E+00
312	409.436	-65.1004	0.000000E+00
313	407.031	-64.0515	0.522637E-13
314	409.504	-61.6011	0.000000E+00
315	407.105	-60.5523	0.000000E+00
316	411.798	-68.6450	0.000000E+00
317	409.386	-67.5999	0.000000E+00
318	411.860	-65.1456	0.000000E+00
319	409.454	-64.1006	0.000000E+00
320	411.923	-61.6462	0.000000E+00
321	409.522	-60.6012	0.000000E+00
322	413.013	-68.6662	0.000000E+00
323	411.815	-67.6452	0.000000E+00
324	413.073	-65.1667	0.160982E-13
325	411.878	-64.1458	0.000000E+00
326	413.132	-61.6672	0.000000E+00
327	411.940	-60.6463	0.000000E+00
328	414.228	-68.6864	0.000000E+00
329	413.030	-67.6664	0.000000E+00
330	414.285	-65.1869	-0.333067E-14
331	413.089	-64.1669	0.160982E-13
332	414.342	-61.6874	0.000000E+00
333	413.149	-60.6674	0.000000E+00
334	415.445	-68.7057	0.000000E+00
335	414.244	-67.6866	0.000000E+00
336	415.497	-65.2061	0.321965E-14
337	414.301	-64.1870	-0.333067E-14
338	415.551	-61.7065	0.000000E+00
339	414.358	-60.6875	0.000000E+00
340	416.658	-68.7239	0.000000E+00
341	415.460	-67.7058	0.000000E+00
342	416.710	-65.2243	-0.189293E-13
343	415.512	-64.2062	0.321965E-14
344	416.761	-61.7247	0.000000E+00
345	415.566	-60.7066	0.000000E+00
346	417.811	-68.7403	0.000000E+00
347	416.673	-67.7240	0.000000E+00
348	417.859	-65.2407	-0.198175E-13
349	416.724	-64.2244	-0.189293E-13
350	417.908	-61.7410	0.000000E+00
351	416.775	-60.7248	0.000000E+00
352	419.100	-68.7576	0.000000E+00
353	417.824	-67.7404	0.000000E+00
354	419.145	-65.2579	-0.376921E-13
355	417.873	-64.2408	-0.198175E-13
356	419.191	-61.7582	0.000000E+00
357	417.921	-60.7411	0.000000E+00
358	421.519	-68.7871	0.000000E+00
359	419.112	-67.7577	0.000000E+00
360	421.559	-65.2874	0.000000E+00
361	419.157	-64.2580	-0.376921E-13
362	421.599	-61.7876	0.000000E+00
363	419.203	-60.7583	0.000000E+00
364	423.950	-68.8128	0.000000E+00
365	421.530	-67.7872	0.000000E+00
366	423.984	-65.3130	0.000000E+00

367	421.570	-64.2874	0.000000E+00
368	424.018	-61.8132	0.000000E+00
369	421.610	-60.7876	0.000000E+00
370	426.380	-68.8347	0.000000E+00
371	423.959	-67.8129	0.000000E+00
372	426.409	-65.3348	0.000000E+00
373	423.993	-64.3131	0.000000E+00
374	426.438	-61.8349	0.000000E+00
375	424.027	-60.8132	0.000000E+00
376	428.810	-68.8525	0.000000E+00
377	426.388	-67.8347	0.000000E+00
378	428.833	-65.3526	0.000000E+00
379	426.416	-64.3348	0.000000E+00
380	428.856	-61.8527	0.000000E+00
381	426.445	-60.8349	0.000000E+00
382	430.089	-68.8604	0.000000E+00
383	428.816	-67.8526	0.000000E+00
384	430.109	-65.3605	0.999201E-14
385	428.839	-64.3526	0.000000E+00
386	430.129	-61.8605	0.000000E+00
387	428.862	-60.8527	0.000000E+00
388	431.242	-68.8665	0.000000E+00
389	430.094	-67.8604	0.000000E+00
390	431.259	-65.3666	-0.154321E-13
391	430.114	-64.3605	0.999201E-14
392	431.276	-61.8666	0.000000E+00
393	430.134	-60.8605	0.000000E+00
394	433.672	-68.8766	0.000000E+00
395	431.246	-67.8665	0.000000E+00
396	433.684	-65.3766	0.000000E+00
397	431.263	-64.3666	-0.154321E-13
398	433.695	-61.8766	0.000000E+00
399	431.280	-60.8666	0.000000E+00
400	436.103	-68.8827	0.000000E+00
401	433.675	-67.8766	0.000000E+00
402	436.109	-65.3828	0.000000E+00
403	433.686	-64.3766	0.000000E+00
404	436.115	-61.8827	0.000000E+00
405	433.698	-60.8766	0.000000E+00
406	438.533	-68.8849	0.000000E+00
407	436.104	-67.8827	0.000000E+00
408	438.534	-65.3849	0.000000E+00
409	436.110	-64.3828	0.000000E+00
410	438.534	-61.8849	0.000000E+00
411	436.116	-60.8827	0.000000E+00
412	440.954	-61.8832	0.000000E+00
413	438.533	-60.8849	0.000000E+00
414	440.959	-65.3832	0.113687E-12
415	438.533	-64.3849	0.000000E+00
416	440.964	-68.8832	0.000000E+00
417	438.533	-67.8849	0.000000E+00
418	442.101	-61.8811	0.000000E+00
419	440.952	-60.8832	0.000000E+00
420	442.109	-65.3811	0.832667E-14
421	440.957	-64.3832	0.113687E-12
422	442.117	-68.8810	0.000000E+00
423	440.962	-67.8832	0.000000E+00
424	443.368	-61.8776	0.000000E+00
425	442.098	-60.8811	0.000000E+00
426	443.379	-65.3776	0.399680E-14
427	442.106	-64.3811	0.832667E-14
428	443.390	-68.8776	0.000000E+00
429	442.114	-67.8810	0.000000E+00
430	445.792	-61.8681	0.000000E+00
431	443.364	-60.8776	0.000000E+00
432	445.809	-65.3681	0.000000E+00
433	443.375	-64.3776	0.399680E-14
434	445.825	-68.8681	0.000000E+00
435	443.386	-67.8776	0.000000E+00
436	448.212	-61.8547	0.000000E+00
437	445.787	-60.8682	0.000000E+00
438	448.234	-65.3547	0.000000E+00
439	445.803	-64.3681	0.000000E+00
440	448.256	-68.8546	0.000000E+00
441	445.820	-67.8681	0.000000E+00
442	450.631	-61.8375	0.000000E+00
443	448.204	-60.8548	0.000000E+00
444	450.659	-65.3373	0.000000E+00
445	448.227	-64.3547	0.000000E+00
446	450.687	-68.8372	0.000000E+00
447	448.249	-67.8546	0.000000E+00
448	453.060	-61.8162	0.000000E+00
449	450.622	-60.8375	0.000000E+00
450	453.094	-65.3160	0.000000E+00
451	450.650	-64.3374	0.000000E+00
452	453.127	-68.8158	0.000000E+00
453	450.678	-67.8373	0.000000E+00
454	454.322	-61.8036	0.000000E+00
455	453.050	-60.8162	0.000000E+00
456	454.359	-65.3034	0.417444E-13
457	453.084	-64.3160	0.000000E+00
458	454.395	-68.8032	0.000000E+00
459	453.117	-67.8159	0.000000E+00
460	455.469	-61.7912	0.000000E+00
461	454.311	-60.8036	0.000000E+00
462	455.508	-65.2910	0.000000E+00
463	454.348	-64.3035	0.417444E-13
464	455.548	-68.7907	0.000000E+00
465	454.384	-67.8032	0.000000E+00
466	457.880	-61.7623	0.000000E+00
467	455.457	-60.7912	0.000000E+00
468	457.925	-65.2620	0.000000E+00
469	455.496	-64.2910	0.000000E+00
470	457.969	-68.7617	0.000000E+00
471	455.536	-67.7908	0.000000E+00

472	460.308	-61.7293	0.000000E+00
473	457.866	-60.7624	0.000000E+00
474	460.358	-65.2289	0.000000E+00
475	457.911	-64.2621	0.000000E+00
476	460.408	-68.7286	0.000000E+00
477	457.956	-67.7618	0.000000E+00
478	462.727	-61.6925	0.000000E+00
479	460.292	-60.7294	0.000000E+00
480	462.783	-65.1920	0.000000E+00
481	460.343	-64.2290	0.000000E+00
482	462.839	-68.6916	0.000000E+00
483	460.393	-67.7287	0.000000E+00
484	465.146	-61.6518	0.000000E+00
485	462.710	-60.6926	0.000000E+00
486	465.207	-65.1513	0.000000E+00
487	462.766	-64.1922	0.000000E+00
488	465.269	-68.6507	0.000000E+00
489	462.822	-67.6917	0.000000E+00
490	466.293	-61.6311	0.000000E+00
491	465.128	-60.6520	0.000000E+00
492	466.357	-65.1306	-0.189848E-13
493	465.190	-64.1514	0.000000E+00
494	466.422	-68.6300	0.000000E+00
495	465.251	-67.6509	0.000000E+00
496	467.571	-61.6071	0.000000E+00
497	466.274	-60.6313	0.000000E+00
498	467.638	-65.1064	-0.843769E-14
499	466.338	-64.1308	-0.189848E-13
500	467.706	-68.6058	0.000000E+00
501	466.403	-67.6301	0.000000E+00
502	469.984	-61.5587	0.000000E+00
503	467.551	-60.6073	0.000000E+00
504	470.057	-65.0580	0.000000E+00
505	467.618	-64.1066	-0.843769E-14
506	470.130	-68.5572	0.000000E+00
507	467.686	-67.6060	0.000000E+00
508	472.402	-61.5063	0.000000E+00
509	469.962	-60.5590	0.000000E+00
510	472.481	-65.0054	0.000000E+00
511	470.035	-64.0582	0.000000E+00
512	472.560	-68.5046	0.000000E+00
513	470.108	-67.5574	0.000000E+00
514	474.821	-61.4500	0.000000E+00
515	472.379	-60.5066	0.000000E+00
516	474.905	-64.9490	0.000000E+00
517	472.458	-64.0057	0.000000E+00
518	474.990	-68.4480	0.000000E+00
519	472.536	-67.5048	0.000000E+00
520	477.234	-61.3900	0.000000E+00
521	474.796	-60.4504	0.000000E+00
522	477.324	-64.8888	0.000000E+00
523	474.880	-63.9493	0.000000E+00
524	477.414	-68.3877	0.000000E+00
525	474.965	-67.4483	0.000000E+00
526	478.511	-61.3567	0.000000E+00
527	477.208	-60.3903	0.000000E+00
528	478.604	-64.8555	0.587308E-13
529	477.298	-63.8892	0.000000E+00
530	478.697	-68.3542	0.000000E+00
531	477.388	-67.3880	0.000000E+00
532	479.658	-61.3258	0.000000E+00
533	478.484	-60.3570	0.000000E+00
534	479.754	-64.8245	0.000000E+00
535	478.577	-63.8558	0.587308E-13
536	479.849	-68.3232	0.000000E+00
537	478.670	-67.3546	0.000000E+00
538	482.077	-61.2578	0.000000E+00
539	479.630	-60.3262	0.000000E+00
540	482.178	-64.7563	0.000000E+00
541	479.726	-63.8249	0.000000E+00
542	482.279	-68.2549	0.000000E+00
543	479.821	-67.3236	0.000000E+00
544	484.495	-61.1859	0.000000E+00
545	482.047	-60.2582	0.000000E+00
546	484.602	-64.6843	0.000000E+00
547	482.148	-63.7568	0.000000E+00
548	484.708	-68.1827	0.000000E+00
549	482.249	-67.2553	0.000000E+00
550	486.913	-61.1101	0.000000E+00
551	484.464	-60.1864	0.000000E+00
552	487.026	-64.6083	0.000000E+00
553	484.570	-63.6848	0.000000E+00
554	487.138	-68.1065	0.000000E+00
555	484.677	-67.1831	0.000000E+00
556	489.331	-61.0305	0.000000E+00
557	486.880	-60.1107	0.000000E+00
558	489.449	-64.5285	0.000000E+00
559	486.993	-63.6089	0.000000E+00
560	489.567	-68.0265	0.000000E+00
561	487.105	-67.1071	0.000000E+00
562	490.478	-60.9913	0.000000E+00
563	489.297	-60.0310	0.000000E+00
564	490.599	-64.4893	0.242029E-13
565	489.415	-63.5290	0.000000E+00
566	490.719	-67.9871	0.000000E+00
567	489.533	-67.0271	0.000000E+00
568	491.740	-60.9472	0.000000E+00
569	490.443	-59.9919	0.000000E+00
570	491.863	-64.4450	-0.383027E-13
571	490.564	-63.4899	0.242029E-13
572	491.987	-67.9428	0.000000E+00
573	490.684	-66.9877	0.000000E+00
574	494.167	-60.8594	0.000000E+00
575	491.704	-59.9478	0.000000E+00
576	494.296	-64.3570	0.000000E+00

577	491.827	-63.4457	-0.383027E-13
578	494.426	-67.8546	0.000000E+00
579	491.951	-66.9435	0.000000E+00
580	496.584	-60.7680	0.000000E+00
581	494.129	-59.8601	0.000000E+00
582	496.719	-64.2654	0.000000E+00
583	494.258	-63.3577	0.000000E+00
584	496.854	-67.7628	0.000000E+00
585	494.388	-66.8553	0.000000E+00
586	499.002	-60.6728	0.000000E+00
587	496.545	-59.7688	0.000000E+00
588	499.143	-64.1699	0.000000E+00
589	496.680	-63.2662	0.000000E+00
590	499.283	-67.6671	0.000000E+00
591	496.815	-66.7636	0.000000E+00
592	501.425	-60.5734	0.000000E+00
593	498.961	-59.6736	0.000000E+00
594	501.571	-64.0703	0.000000E+00
595	499.102	-63.1708	0.000000E+00
596	501.717	-67.5672	0.000000E+00
597	499.242	-66.6680	0.000000E+00
598	502.690	-60.5199	0.000000E+00
599	501.383	-59.5742	0.000000E+00
600	502.839	-64.0168	0.355271E-13
601	501.529	-63.0712	0.000000E+00
602	502.989	-67.5135	0.000000E+00
603	501.675	-66.5681	0.000000E+00
604	503.836	-60.4705	0.000000E+00
605	502.647	-59.5208	0.000000E+00
606	503.988	-63.9672	0.000000E+00
607	502.796	-63.0177	0.355271E-13
608	504.140	-67.4639	0.000000E+00
609	502.946	-66.5145	0.000000E+00
610	506.253	-60.3636	0.000000E+00
611	503.792	-59.4715	0.000000E+00
612	506.411	-63.8600	0.000000E+00
613	503.944	-62.9682	0.000000E+00
614	506.568	-67.3565	0.000000E+00
615	504.096	-66.4649	0.000000E+00
616	508.670	-60.2527	0.000000E+00
617	506.208	-59.3646	0.000000E+00
618	508.833	-63.7489	0.000000E+00
619	506.365	-62.8611	0.000000E+00
620	508.997	-67.2451	0.000000E+00
621	506.523	-66.3575	0.000000E+00
622	511.087	-60.1380	0.000000E+00
623	508.623	-59.2539	0.000000E+00
624	511.256	-63.6339	0.000000E+00
625	508.786	-62.7501	0.000000E+00
626	511.424	-67.1298	0.000000E+00
627	508.949	-66.2463	0.000000E+00
628	513.503	-60.0193	0.000000E+00
629	511.038	-59.1392	0.000000E+00
630	513.678	-63.5150	0.000000E+00
631	511.207	-62.6351	0.000000E+00
632	513.852	-67.0106	0.000000E+00
633	511.375	-66.1310	0.000000E+00
634	514.649	-59.9617	0.000000E+00
635	513.453	-59.0206	0.000000E+00
636	514.826	-63.4573	-0.143219E-13
637	513.628	-62.5163	0.000000E+00
638	515.003	-66.9528	0.000000E+00
639	513.802	-66.0119	0.000000E+00
640	515.921	-59.8967	0.000000E+00
641	514.598	-58.9630	0.000000E+00
642	516.101	-63.3921	-0.376921E-13
643	514.775	-62.4586	-0.143219E-13
644	516.281	-66.8874	0.000000E+00
645	514.952	-65.9541	0.000000E+00
646	518.336	-59.7704	0.000000E+00
647	515.869	-58.8981	0.000000E+00
648	518.521	-63.2654	0.000000E+00
649	516.049	-62.3934	-0.376921E-13
650	518.707	-66.7605	0.000000E+00
651	516.229	-65.8888	0.000000E+00
652	520.751	-59.6400	0.000000E+00
653	518.282	-58.7718	0.000000E+00
654	520.943	-63.1348	0.000000E+00
655	518.467	-62.2669	0.000000E+00
656	521.134	-66.6296	0.000000E+00
657	518.653	-65.7620	0.000000E+00
658	523.167	-59.5058	0.000000E+00
659	520.696	-58.6416	0.000000E+00
660	523.364	-63.0003	0.000000E+00
661	520.887	-62.1364	0.000000E+00
662	523.561	-66.4947	0.000000E+00
663	521.079	-65.6311	0.000000E+00
664	525.573	-59.3683	0.000000E+00
665	523.110	-58.5075	0.000000E+00
666	525.775	-62.8624	0.000000E+00
667	523.307	-62.0019	0.000000E+00
668	525.978	-66.3565	0.000000E+00
669	523.504	-65.4964	0.000000E+00
670	526.852	-59.2935	0.000000E+00
671	525.514	-58.3700	0.000000E+00
672	527.058	-62.7875	-0.287548E-13
673	525.717	-61.8641	0.000000E+00
674	527.263	-66.2814	0.000000E+00
675	525.920	-65.3582	0.000000E+00
676	527.998	-59.2257	0.000000E+00
677	526.793	-58.2953	0.000000E+00
678	528.206	-62.7195	0.000000E+00
679	526.999	-61.7893	-0.287548E-13
680	528.414	-66.2133	0.000000E+00
681	527.204	-65.2832	0.000000E+00

682	530.410	-59.0799	0.000000E+00
683	527.937	-58.2275	0.000000E+00
684	530.624	-62.5734	0.000000E+00
685	528.146	-61.7213	0.000000E+00
686	530.838	-66.0668	0.000000E+00
687	528.354	-65.2151	0.000000E+00
688	532.827	-58.9300	0.000000E+00
689	530.348	-58.0818	0.000000E+00
690	533.047	-62.4232	0.000000E+00
691	530.562	-61.5753	0.000000E+00
692	533.266	-65.9162	0.000000E+00
693	530.776	-65.0688	0.000000E+00
694	535.242	-58.7763	0.000000E+00
695	532.764	-57.9320	0.000000E+00
696	535.467	-62.2691	0.000000E+00
697	532.983	-61.4252	0.000000E+00
698	535.692	-65.7618	0.000000E+00
699	533.203	-64.9182	0.000000E+00
700	537.656	-58.6187	0.000000E+00
701	535.177	-57.7784	0.000000E+00
702	537.887	-62.1111	-0.454747E-12
703	535.402	-61.2712	0.000000E+00
704	538.118	-65.6035	0.000000E+00
705	535.627	-64.7639	0.000000E+00
706	538.801	-58.5427	0.000000E+00
707	537.590	-57.6209	0.000000E+00
708	539.034	-62.0349	0.252021E-13
709	537.821	-61.1133	-0.454747E-12
710	539.268	-65.5271	0.000000E+00
711	538.051	-64.6057	0.000000E+00
712	540.082	-58.4564	0.000000E+00
713	538.734	-57.5449	0.000000E+00
714	540.319	-61.9484	-0.105804E-12
715	538.967	-61.0372	0.252021E-13
716	540.555	-65.4404	0.000000E+00
717	539.201	-64.5293	0.000000E+00
718	542.484	-58.2919	0.000000E+00
719	540.014	-57.4587	0.000000E+00
720	542.726	-61.7835	0.000000E+00
721	540.250	-60.9507	-0.105804E-12
722	542.968	-65.2752	0.000000E+00
723	540.487	-64.4428	0.000000E+00
724	544.897	-58.1227	0.000000E+00
725	542.414	-57.2944	0.000000E+00
726	545.145	-61.6139	0.000000E+00
727	542.656	-60.7860	0.000000E+00
728	545.392	-65.1051	0.000000E+00
729	542.898	-64.2776	0.000000E+00
730	547.310	-57.9495	0.000000E+00
731	544.826	-57.1252	0.000000E+00
732	547.564	-61.4403	0.000000E+00
733	545.073	-60.6164	0.000000E+00
734	547.817	-64.9312	0.000000E+00
735	545.321	-64.1077	0.000000E+00
736	549.724	-57.7724	0.000000E+00
737	547.237	-56.9522	0.000000E+00
738	549.983	-61.2628	0.000000E+00
739	547.490	-60.4430	0.000000E+00
740	550.242	-64.7532	0.000000E+00
741	547.744	-63.9338	0.000000E+00
742	550.992	-57.6779	0.000000E+00
743	549.650	-56.7752	0.000000E+00
744	551.254	-61.1681	-0.999201E-15
745	549.909	-60.2656	0.000000E+00
746	551.515	-64.6582	0.000000E+00
747	550.168	-63.7560	0.000000E+00
748	552.136	-57.5916	0.000000E+00
749	550.916	-56.6807	0.000000E+00
750	552.400	-61.0815	0.000000E+00
751	551.178	-60.1709	-0.999201E-15
752	552.665	-64.5715	0.000000E+00
753	551.440	-63.6611	0.000000E+00
754	554.548	-57.4068	0.000000E+00
755	552.059	-56.5945	0.000000E+00
756	554.818	-60.8963	0.000000E+00
757	552.324	-60.0845	0.000000E+00
758	555.088	-64.3859	0.000000E+00
759	552.588	-63.5745	0.000000E+00
760	556.960	-57.2181	0.000000E+00
761	554.470	-56.4098	0.000000E+00
762	557.236	-60.7072	0.000000E+00
763	554.740	-59.8994	0.000000E+00
764	557.512	-64.1963	0.000000E+00
765	555.010	-63.3889	0.000000E+00
766	559.372	-57.0255	0.000000E+00
767	556.880	-56.2212	0.000000E+00
768	559.653	-60.5141	0.000000E+00
769	557.156	-59.7103	0.000000E+00
770	559.935	-64.0028	0.000000E+00
771	557.432	-63.1995	0.000000E+00
772	561.783	-56.8290	0.000000E+00
773	559.290	-56.0288	0.000000E+00
774	562.070	-60.3172	0.000000E+00
775	559.572	-59.5174	0.000000E+00
776	562.357	-63.8054	0.000000E+00
777	559.853	-63.0061	0.000000E+00
778	562.926	-56.7345	0.000000E+00
779	561.701	-55.8324	0.000000E+00
780	563.216	-60.2225	0.571210E-13
781	561.988	-59.3206	0.000000E+00
782	563.506	-63.7105	0.000000E+00
783	562.275	-62.8088	0.000000E+00
784	564.191	-56.6289	0.000000E+00
785	562.843	-55.7379	0.000000E+00
786	564.484	-60.1166	-0.116906E-12

787	563.133	-59.2260	0.571210E-13
788	564.776	-63.6043	0.000000E+00
789	563.423	-62.7139	0.000000E+00
790	566.605	-56.4244	0.000000E+00
791	564.107	-55.6324	0.000000E+00
792	566.903	-59.9116	0.000000E+00
793	564.399	-59.1202	-0.116906E-12
794	567.201	-63.3989	0.000000E+00
795	564.692	-62.6079	0.000000E+00
796	569.015	-56.2163	0.000000E+00
797	566.519	-55.4281	0.000000E+00
798	569.319	-59.7030	0.000000E+00
799	566.817	-58.9154	0.000000E+00
800	569.623	-63.1898	0.000000E+00
801	567.115	-62.4026	0.000000E+00
802	571.425	-56.0042	0.000000E+00
803	568.928	-55.2201	0.000000E+00
804	571.735	-59.4905	0.000000E+00
805	569.231	-58.7069	0.000000E+00
806	572.044	-62.9768	0.000000E+00
807	569.535	-62.1937	0.000000E+00
808	573.847	-55.7872	0.000000E+00
809	571.336	-55.0082	0.000000E+00
810	574.162	-59.2730	0.000000E+00
811	571.646	-58.4945	0.000000E+00
812	574.477	-62.7588	0.000000E+00
813	571.955	-61.9808	0.000000E+00
814	575.102	-55.6733	0.000000E+00
815	573.756	-54.7913	0.000000E+00
816	575.420	-59.1588	-0.257572E-13
817	574.071	-58.2771	0.000000E+00
818	575.738	-62.6443	0.000000E+00
819	574.387	-61.7629	0.000000E+00
820	576.244	-55.5686	0.000000E+00
821	575.010	-54.6775	0.000000E+00
822	576.565	-59.0538	0.000000E+00
823	575.329	-58.1630	-0.257572E-13
824	576.886	-62.5391	0.000000E+00
825	575.647	-61.6485	0.000000E+00
826	578.659	-55.3444	0.000000E+00
827	576.152	-54.5728	0.000000E+00
828	578.980	-58.8296	0.000000E+00
829	576.473	-58.0581	0.000000E+00
830	579.303	-62.3146	0.000000E+00
831	576.793	-61.5434	0.000000E+00
832	581.072	-55.1143	0.000000E+00
833	578.564	-54.3489	0.000000E+00
834	581.394	-58.6016	0.000000E+00
835	578.886	-57.8341	0.000000E+00
836	581.721	-62.0863	0.000000E+00
837	579.209	-61.3191	0.000000E+00
838	583.462	-54.8936	0.000000E+00
839	580.980	-54.1186	0.000000E+00
840	583.791	-58.3782	0.000000E+00
841	581.301	-57.6059	0.000000E+00
842	584.122	-61.8625	0.000000E+00
843	581.628	-61.0906	0.000000E+00
844	585.852	-54.6660	0.000000E+00
845	583.367	-53.8981	0.000000E+00
846	586.186	-58.1372	0.000000E+00
847	583.691	-57.3832	0.000000E+00
848	586.522	-61.6338	0.000000E+00
849	584.027	-60.8670	0.000000E+00
850	587.028	-54.5521	0.000000E+00
851	585.755	-53.6707	0.000000E+00
852	587.366	-58.0205	-0.473926E-14
853	586.087	-57.1421	0.000000E+00
854	587.706	-61.5193	0.000000E+00
855	586.426	-60.6385	0.000000E+00
856	588.241	-54.4158	0.000000E+00
857	586.917	-53.5584	0.000000E+00
858	588.590	-57.8984	-0.116573E-13
859	587.266	-57.0254	-0.473926E-14
860	588.939	-61.3810	0.000000E+00
861	587.595	-60.5255	0.000000E+00
862	590.629	-54.1963	0.000000E+00
863	588.150	-53.4200	0.000000E+00
864	590.976	-57.6575	0.000000E+00
865	588.489	-56.9034	-0.116573E-13
866	591.328	-61.1613	0.000000E+00
867	588.847	-60.3852	0.000000E+00
868	593.017	-53.9542	0.000000E+00
869	590.528	-53.2014	0.000000E+00
870	593.373	-57.4360	0.000000E+00
871	590.884	-56.6618	0.000000E+00
872	593.730	-60.9178	0.000000E+00
873	591.227	-60.1664	0.000000E+00
874	595.404	-53.7072	0.000000E+00
875	592.914	-52.9595	0.000000E+00
876	595.765	-57.1625	0.000000E+00
877	593.260	-56.4425	0.000000E+00
878	596.131	-60.6694	0.000000E+00
879	593.627	-59.9231	0.000000E+00
880	596.948	-53.5449	0.000000E+00
881	595.299	-52.7127	0.000000E+00
882	597.313	-56.9992	0.160982E-14
883	595.660	-56.1681	0.000000E+00
884	597.684	-60.5061	0.000000E+00
885	596.027	-59.6748	0.000000E+00
886	597.778	-53.4300	0.000000E+00
887	596.811	-52.5544	0.000000E+00
888	598.149	-56.9103	-0.166533E-14
889	597.208	-56.0048	0.160982E-14
890	598.520	-60.3906	0.000000E+00
891	597.548	-59.5155	0.000000E+00

892	600.177	-53.1988	0.000000E+00
893	597.682	-52.4346	0.000000E+00
894	600.552	-56.6522	0.000000E+00
895	598.042	-55.9160	-0.166533E-14
896	600.933	-60.1579	0.000000E+00
897	598.424	-59.3952	0.000000E+00
898	602.563	-52.9373	0.000000E+00
899	600.068	-52.2048	0.000000E+00
900	602.948	-56.4161	0.000000E+00
901	600.454	-55.6570	0.000000E+00
902	603.333	-59.8949	0.000000E+00
903	600.824	-59.1639	0.000000E+00
904	604.948	-52.6710	0.000000E+00
905	602.452	-51.9435	0.000000E+00
906	605.338	-56.1266	0.000000E+00
907	602.827	-55.4234	0.000000E+00
908	605.732	-59.6270	0.000000E+00
909	603.222	-58.9011	0.000000E+00
910	607.334	-52.3804	0.000000E+00
911	604.827	-51.6784	0.000000E+00
912	607.727	-55.8583	0.000000E+00
913	605.226	-55.1328	0.000000E+00
914	608.120	-59.3361	0.000000E+00
915	605.611	-58.6344	0.000000E+00
916	607.503	-52.3804	0.000000E+00
917	607.334	-51.3804	0.000000E+00
918	607.900	-55.8387	-0.280331E-13
919	607.615	-54.8646	0.000000E+00
920	608.302	-59.3347	0.000000E+00
921	608.113	-58.3361	0.000000E+00
922	609.717	-52.1239	0.000000E+00
923	607.388	-51.3870	0.000000E+00
924	610.121	-55.5856	0.000000E+00
925	607.787	-54.8452	-0.280331E-13
926	610.529	-59.0767	0.000000E+00
927	608.187	-58.3413	0.000000E+00
928	612.101	-51.8431	0.000000E+00
929	609.600	-51.1308	0.000000E+00
930	612.514	-55.3187	0.000000E+00
931	610.010	-54.5918	0.000000E+00
932	612.927	-58.7942	0.000000E+00
933	610.412	-58.0835	0.000000E+00
934	614.484	-51.5575	0.000000E+00
935	611.982	-50.8502	0.000000E+00
936	614.903	-55.0294	0.000000E+00
937	612.394	-54.3259	0.000000E+00
938	615.324	-58.5069	0.000000E+00
939	612.808	-57.8013	0.000000E+00
940	615.079	-51.4853	0.000000E+00
941	614.363	-50.5648	0.000000E+00
942	615.499	-54.9590	0.000000E+00
943	614.786	-54.0363	0.000000E+00
944	615.919	-58.4347	0.000000E+00
945	615.204	-57.5142	0.000000E+00
946	380.553	-59.0822	0.000000E+00
947	379.489	-60.7171	0.000000E+00
948	380.582	-58.3328	0.000000E+00
949	379.554	-59.0434	0.000000E+00
950	380.123	-70.1739	0.000000E+00
951	382.551	-70.2662	0.000000E+00
952	380.152	-69.4244	0.000000E+00
953	382.580	-69.5167	0.000000E+00
954	382.963	-59.1738	0.000000E+00
955	382.992	-58.4244	0.000000E+00
956	383.580	-69.5555	0.000000E+00
957	383.641	-67.8793	0.000000E+00
958	383.938	-64.3886	-0.593414E-13
959	381.606	-64.3018	-0.593414E-13
960	381.902	-60.8113	0.000000E+00
961	381.963	-59.1350	0.000000E+00
962	384.996	-70.3551	0.000000E+00
963	385.023	-69.6056	0.000000E+00
964	385.390	-59.2621	0.000000E+00
965	385.417	-58.5126	0.000000E+00
966	383.996	-70.3196	0.000000E+00
967	384.023	-69.5700	0.000000E+00
968	383.916	-67.8901	0.000000E+00
969	384.041	-64.3923	0.000000E+00
970	384.332	-60.9004	0.000000E+00
971	384.391	-59.2266	0.000000E+00
972	387.417	-70.4393	0.000000E+00
973	387.444	-69.6898	0.000000E+00
974	387.792	-59.3457	0.000000E+00
975	387.819	-58.5961	0.000000E+00
976	388.443	-69.7253	0.000000E+00
977	388.499	-68.0493	0.000000E+00
978	387.500	-68.0156	-2.50000
979	387.500	-69.0156	-2.50000
980	388.785	-64.5574	0.000000E+00
981	386.453	-64.4781	0.000000E+00
982	387.737	-61.0197	-2.50000
983	387.737	-62.0197	-2.50000
984	386.738	-60.9868	0.000000E+00
985	386.793	-59.3101	0.000000E+00
986	389.843	-70.5198	0.000000E+00
987	389.867	-69.7702	0.000000E+00
988	390.202	-59.4256	0.000000E+00
989	390.227	-58.6760	0.000000E+00
990	388.844	-70.4874	0.000000E+00
991	388.868	-69.7378	0.000000E+00
992	388.756	-68.0582	0.000000E+00
993	388.869	-64.5601	0.000000E+00
994	389.149	-61.0673	0.000000E+00
995	389.203	-59.3932	0.000000E+00
996	392.283	-70.5968	0.000000E+00

997	392.307	-69.8472	0.000000E+00
998	392.623	-59.5020	0.000000E+00
999	392.647	-58.7524	0.000000E+00
1000	393.307	-69.8795	0.000000E+00
1001	393.358	-68.2035	0.000000E+00
1002	393.632	-64.7104	0.341061E-12
1003	391.300	-64.6387	0.341061E-12
1004	391.574	-61.1468	0.000000E+00
1005	391.623	-59.4696	0.000000E+00
1006	394.717	-70.6696	0.000000E+00
1007	394.739	-69.9200	0.000000E+00
1008	395.041	-59.5744	0.000000E+00
1009	395.063	-58.8247	0.000000E+00
1010	393.718	-70.6405	0.000000E+00
1011	393.740	-69.8908	0.000000E+00
1012	393.622	-68.2116	0.000000E+00
1013	393.724	-64.7131	-0.587863E-13
1014	393.992	-61.2194	0.000000E+00
1015	394.041	-59.5452	0.000000E+00
1016	397.152	-70.7386	0.000000E+00
1017	397.174	-69.9889	0.000000E+00
1018	397.456	-59.6428	0.000000E+00
1019	397.478	-58.8931	0.000000E+00
1020	398.174	-70.0180	0.000000E+00
1021	398.217	-68.3406	0.000000E+00
1022	398.480	-64.8478	0.000000E+00
1023	396.148	-64.7836	0.000000E+00
1024	396.411	-61.2897	0.000000E+00
1025	396.457	-59.6136	0.000000E+00
1026	399.586	-70.8016	0.000000E+00
1027	399.606	-70.0519	0.000000E+00
1028	399.872	-59.7053	0.000000E+00
1029	399.892	-58.9556	0.000000E+00
1030	398.586	-70.7741	0.000000E+00
1031	398.607	-70.0228	0.000000E+00
1032	398.489	-68.3493	0.000000E+00
1033	398.579	-64.8505	0.000000E+00
1034	398.836	-61.3606	0.000000E+00
1035	398.872	-59.6778	0.000000E+00
1036	402.019	-70.8647	0.000000E+00
1037	402.039	-70.1149	0.000000E+00
1038	402.287	-59.7679	0.000000E+00
1039	402.307	-59.0182	0.000000E+00
1040	403.038	-70.1408	0.000000E+00
1041	403.077	-68.4635	0.000000E+00
1042	403.329	-64.9697	0.000000E+00
1043	400.996	-64.9130	0.000000E+00
1044	401.248	-61.4184	0.000000E+00
1045	401.288	-59.7420	0.000000E+00
1046	404.453	-70.9199	0.000000E+00
1047	404.471	-70.1701	0.000000E+00
1048	404.703	-59.8227	0.000000E+00
1049	404.721	-59.0729	0.000000E+00
1050	403.453	-70.8956	0.000000E+00
1051	403.471	-70.1552	0.000000E+00
1052	403.330	-68.4706	0.000000E+00
1053	403.409	-64.9715	0.000000E+00
1054	403.655	-61.4699	0.000000E+00
1055	403.704	-59.7984	0.000000E+00
1056	406.887	-70.9750	0.000000E+00
1057	406.904	-70.2252	0.000000E+00
1058	407.119	-59.8775	0.000000E+00
1059	407.136	-59.1277	0.000000E+00
1060	407.903	-70.2479	0.000000E+00
1061	407.937	-68.5708	0.000000E+00
1062	408.178	-65.0759	0.522637E-13
1063	405.845	-65.0267	0.522637E-13
1064	406.085	-61.5316	0.000000E+00
1065	406.119	-59.8548	0.000000E+00
1066	409.320	-71.0224	0.000000E+00
1067	409.336	-70.2726	0.000000E+00
1068	409.532	-59.9264	0.000000E+00
1069	409.547	-59.1765	0.000000E+00
1070	408.321	-71.0013	0.000000E+00
1071	408.336	-70.2538	0.000000E+00
1072	408.201	-68.5770	0.000000E+00
1073	408.269	-65.0777	0.000000E+00
1074	408.504	-61.5840	0.000000E+00
1075	408.532	-59.9069	0.000000E+00
1076	411.754	-71.0697	0.000000E+00
1077	411.769	-70.3199	0.000000E+00
1078	411.951	-59.9715	0.000000E+00
1079	411.966	-59.2216	0.000000E+00
1080	412.769	-70.3393	0.000000E+00
1081	412.798	-68.6624	0.000000E+00
1082	413.027	-65.1664	0.000000E+00
1083	410.694	-65.1248	0.000000E+00
1084	410.923	-61.6293	0.000000E+00
1085	410.951	-59.9520	0.000000E+00
1086	414.188	-71.1092	0.000000E+00
1087	414.202	-70.3593	0.000000E+00
1088	414.367	-60.0107	0.000000E+00
1089	414.380	-59.2608	0.000000E+00
1090	413.188	-71.0914	0.000000E+00
1091	413.202	-70.3435	0.000000E+00
1092	413.062	-68.6675	0.000000E+00
1093	413.118	-65.1680	-0.333067E-14
1094	413.342	-61.6722	0.000000E+00
1095	413.367	-59.9928	0.000000E+00
1096	416.622	-71.1487	0.000000E+00
1097	416.634	-70.3988	0.000000E+00
1098	416.783	-60.0499	0.000000E+00
1099	416.795	-59.3000	0.000000E+00
1100	417.634	-70.4150	0.000000E+00
1101	417.658	-68.7383	0.000000E+00

1102	417.876	-65.2413	-0.189293E-13
1103	415.543	-65.2072	-0.189293E-13
1104	415.761	-61.7113	0.000000E+00
1105	415.783	-60.0337	0.000000E+00
1106	419.056	-71.1804	0.000000E+00
1107	419.067	-70.4305	0.000000E+00
1108	419.199	-60.0813	0.000000E+00
1109	419.210	-59.3314	0.000000E+00
1110	418.056	-71.1658	0.000000E+00
1111	418.067	-70.4111	0.000000E+00
1112	417.933	-68.7425	0.000000E+00
1113	417.979	-65.2428	-0.376921E-13
1114	418.191	-61.7530	0.000000E+00
1115	418.200	-60.0667	0.000000E+00
1116	421.490	-71.2120	0.000000E+00
1117	421.500	-70.4621	0.000000E+00
1118	421.616	-60.1127	0.000000E+00
1119	421.625	-59.3628	0.000000E+00
1120	422.500	-70.4751	0.000000E+00
1121	422.519	-68.7986	0.000000E+00
1122	422.726	-65.3006	0.000000E+00
1123	420.393	-65.2741	0.000000E+00
1124	420.599	-61.7777	0.000000E+00
1125	420.616	-60.0997	0.000000E+00
1126	423.926	-71.2358	0.000000E+00
1127	423.935	-70.4859	0.000000E+00
1128	424.033	-60.1364	0.000000E+00
1129	424.042	-59.3864	0.000000E+00
1130	422.926	-71.2245	0.000000E+00
1131	422.935	-70.4767	0.000000E+00
1132	422.783	-68.8014	0.000000E+00
1133	422.817	-65.3016	0.000000E+00
1134	423.018	-61.8042	0.000000E+00
1135	423.033	-60.1250	0.000000E+00
1136	426.361	-71.2597	0.000000E+00
1137	426.369	-70.5097	0.000000E+00
1138	426.451	-60.1600	0.000000E+00
1139	426.458	-59.4101	0.000000E+00
1140	427.369	-70.5195	0.000000E+00
1141	427.380	-68.8416	0.000000E+00
1142	427.576	-65.3443	0.000000E+00
1143	425.242	-65.3252	0.000000E+00
1144	425.438	-61.8269	0.000000E+00
1145	425.451	-60.1502	0.000000E+00
1146	428.796	-71.2756	0.000000E+00
1147	428.802	-70.5256	0.000000E+00
1148	428.867	-60.1759	0.000000E+00
1149	428.873	-59.4259	0.000000E+00
1150	427.796	-71.2674	0.000000E+00
1151	427.802	-70.5206	0.000000E+00
1152	427.644	-68.8449	0.000000E+00
1153	427.667	-65.3450	0.000000E+00
1154	427.856	-61.8461	0.000000E+00
1155	427.867	-60.1677	0.000000E+00
1156	431.230	-71.2916	0.000000E+00
1157	431.235	-70.5416	0.000000E+00
1158	431.284	-60.1917	0.000000E+00
1159	431.289	-59.4417	0.000000E+00
1160	432.235	-70.5481	0.000000E+00
1161	432.242	-68.8705	0.000000E+00
1162	432.426	-65.3723	-0.154321E-13
1163	430.092	-65.3608	-0.154321E-13
1164	430.276	-61.8621	0.000000E+00
1165	430.284	-60.1851	0.000000E+00
1166	433.664	-71.2997	0.000000E+00
1167	433.668	-70.5497	0.000000E+00
1168	433.700	-60.1997	0.000000E+00
1169	433.704	-59.4497	0.000000E+00
1170	432.664	-71.2947	0.000000E+00
1171	432.668	-70.5472	0.000000E+00
1172	432.506	-68.8727	0.000000E+00
1173	432.517	-65.3727	0.000000E+00
1174	432.695	-61.8739	0.000000E+00
1175	432.700	-60.1948	0.000000E+00
1176	436.099	-71.3078	0.000000E+00
1177	436.101	-70.5578	0.000000E+00
1178	436.116	-60.2078	0.000000E+00
1179	436.119	-59.4578	0.000000E+00
1180	437.101	-70.5611	0.000000E+00
1181	437.103	-68.8837	0.000000E+00
1182	436.103	-68.8827	-2.50000
1183	436.103	-69.8827	-2.50000
1184	437.275	-65.3848	0.000000E+00
1185	434.942	-65.3808	0.000000E+00
1186	436.115	-61.8827	-2.50000
1187	436.115	-62.8827	-2.50000
1188	435.115	-61.8817	0.000000E+00
1189	435.116	-60.2045	0.000000E+00
1190	438.533	-71.3080	0.000000E+00
1191	438.534	-70.5580	0.000000E+00
1192	438.533	-60.2080	0.000000E+00
1193	438.534	-59.4580	0.000000E+00
1194	437.533	-71.3063	0.000000E+00
1195	437.534	-70.5585	0.000000E+00
1196	437.367	-68.8848	0.000000E+00
1197	437.367	-65.3848	0.000000E+00
1198	437.534	-61.8857	0.000000E+00
1199	437.533	-60.2063	0.000000E+00
1200	440.949	-60.2083	0.000000E+00
1201	440.949	-59.4583	0.000000E+00
1202	440.967	-71.3083	0.000000E+00
1203	440.967	-70.5583	0.000000E+00
1204	439.949	-60.2082	0.000000E+00
1205	439.954	-61.8857	0.000000E+00
1206	439.792	-65.3850	0.113687E-12

1207	442.125	-65.3815	0.113687E-12
1208	441.964	-68.8813	0.000000E+00
1209	441.967	-70.5584	0.000000E+00
1210	443.366	-60.2008	0.000000E+00
1211	443.365	-59.4508	0.000000E+00
1212	443.402	-71.3007	0.000000E+00
1213	443.400	-70.5507	0.000000E+00
1214	442.366	-60.2023	0.000000E+00
1215	442.368	-61.8791	0.000000E+00
1216	442.213	-65.3813	0.399680E-14
1217	442.223	-68.8812	0.000000E+00
1218	442.400	-70.5569	0.000000E+00
1219	442.402	-71.3022	0.000000E+00
1220	445.780	-59.4432	0.000000E+00
1221	445.782	-60.1932	0.000000E+00
1222	445.834	-70.5431	0.000000E+00
1223	445.836	-71.2931	0.000000E+00
1224	444.782	-60.1964	0.000000E+00
1225	444.792	-61.8742	0.000000E+00
1226	444.642	-65.3736	0.000000E+00
1227	446.975	-65.3626	0.000000E+00
1228	446.825	-68.8632	0.000000E+00
1229	446.834	-70.5400	0.000000E+00
1230	448.196	-59.4279	0.000000E+00
1231	448.200	-60.1779	0.000000E+00
1232	448.268	-70.5277	0.000000E+00
1233	448.271	-71.2777	0.000000E+00
1234	447.200	-60.1826	0.000000E+00
1235	447.212	-61.8617	0.000000E+00
1236	447.067	-65.3621	0.000000E+00
1237	447.089	-68.8620	0.000000E+00
1238	447.268	-70.5348	0.000000E+00
1239	447.271	-71.2824	0.000000E+00
1240	450.613	-59.4126	0.000000E+00
1241	450.618	-60.1626	0.000000E+00
1242	450.702	-70.5122	0.000000E+00
1243	450.707	-71.2622	0.000000E+00
1244	449.618	-60.1689	0.000000E+00
1245	449.631	-61.8454	0.000000E+00
1246	449.492	-65.3466	0.000000E+00
1247	451.825	-65.3281	0.000000E+00
1248	451.687	-68.8278	0.000000E+00
1249	451.702	-70.5059	0.000000E+00
1250	453.028	-59.3895	0.000000E+00
1251	453.034	-60.1395	0.000000E+00
1252	453.135	-70.4890	0.000000E+00
1253	453.141	-71.2389	0.000000E+00
1254	452.034	-60.1474	0.000000E+00
1255	452.060	-61.8319	0.000000E+00
1256	451.927	-65.3272	0.000000E+00
1257	451.961	-68.8270	0.000000E+00
1258	452.135	-70.4937	0.000000E+00
1259	452.141	-71.2469	0.000000E+00
1260	455.443	-59.3664	0.000000E+00
1261	455.450	-60.1163	0.000000E+00
1262	455.568	-70.4657	0.000000E+00
1263	455.575	-71.2156	0.000000E+00
1264	454.450	-60.1259	0.000000E+00
1265	454.469	-61.8026	0.000000E+00
1266	454.342	-65.3040	0.000000E+00
1267	456.675	-65.2779	0.000000E+00
1268	456.548	-68.7784	0.000000E+00
1269	456.568	-70.4561	0.000000E+00
1270	457.858	-59.3355	0.000000E+00
1271	457.866	-60.0854	0.000000E+00
1272	458.001	-70.4346	0.000000E+00
1273	458.010	-71.1845	0.000000E+00
1274	456.866	-60.0966	0.000000E+00
1275	456.880	-61.7703	0.000000E+00
1276	456.758	-65.2769	0.000000E+00
1277	456.803	-68.7766	0.000000E+00
1278	457.001	-70.4536	0.000000E+00
1279	457.010	-71.1957	0.000000E+00
1280	460.273	-59.3046	0.000000E+00
1281	460.283	-60.0545	0.000000E+00
1282	460.434	-70.4034	0.000000E+00
1283	460.444	-71.1534	0.000000E+00
1284	459.283	-60.0673	0.000000E+00
1285	459.308	-61.7442	0.000000E+00
1286	459.192	-65.2457	0.000000E+00
1287	461.525	-65.2121	0.000000E+00
1288	461.408	-68.7133	0.000000E+00
1289	461.434	-70.3906	0.000000E+00
1290	462.688	-59.2659	0.000000E+00
1291	462.699	-60.0158	0.000000E+00
1292	462.867	-70.3645	0.000000E+00
1293	462.878	-71.1144	0.000000E+00
1294	461.699	-60.0302	0.000000E+00
1295	461.727	-61.7092	0.000000E+00
1296	461.616	-65.2107	0.000000E+00
1297	461.672	-68.7103	0.000000E+00
1298	461.867	-70.3812	0.000000E+00
1299	461.878	-71.1288	0.000000E+00
1300	465.103	-59.2272	0.000000E+00
1301	465.115	-59.9772	0.000000E+00
1302	465.300	-70.3255	0.000000E+00
1303	465.312	-71.0754	0.000000E+00
1304	464.115	-59.9932	0.000000E+00
1305	464.146	-61.6703	0.000000E+00
1306	464.041	-65.1718	0.000000E+00
1307	466.374	-65.1307	0.000000E+00
1308	466.269	-68.6325	0.000000E+00
1309	466.300	-70.3095	0.000000E+00
1310	467.518	-59.1808	0.000000E+00
1311	467.531	-59.9307	0.000000E+00

1312	467.732	-70.2787	0.000000E+00
1313	467.746	-71.0286	0.000000E+00
1314	466.531	-59.9483	0.000000E+00
1315	466.571	-61.6309	0.000000E+00
1316	466.472	-65.1289	-0.843769E-14
1317	466.539	-68.6282	0.000000E+00
1318	466.732	-70.2947	0.000000E+00
1319	466.746	-71.0462	0.000000E+00
1320	469.932	-59.1343	0.000000E+00
1321	469.947	-59.8842	0.000000E+00
1322	470.165	-70.2319	0.000000E+00
1323	470.179	-70.9818	0.000000E+00
1324	468.947	-59.9034	0.000000E+00
1325	468.984	-61.5807	0.000000E+00
1326	468.890	-65.0823	0.000000E+00
1327	471.223	-65.0336	0.000000E+00
1328	471.129	-68.5360	0.000000E+00
1329	471.165	-70.2127	0.000000E+00
1330	472.347	-59.0801	0.000000E+00
1331	472.363	-59.8299	0.000000E+00
1332	472.598	-70.1772	0.000000E+00
1333	472.613	-70.9271	0.000000E+00
1334	471.363	-59.8508	0.000000E+00
1335	471.403	-61.5300	0.000000E+00
1336	471.315	-65.0317	0.000000E+00
1337	471.393	-68.5308	0.000000E+00
1338	471.598	-70.1999	0.000000E+00
1339	471.613	-70.9479	0.000000E+00
1340	474.762	-59.0258	0.000000E+00
1341	474.778	-59.7757	0.000000E+00
1342	475.030	-70.1226	0.000000E+00
1343	475.047	-70.8724	0.000000E+00
1344	473.779	-59.7981	0.000000E+00
1345	473.821	-61.4755	0.000000E+00
1346	473.739	-64.9771	0.000000E+00
1347	476.072	-64.9209	0.000000E+00
1348	475.989	-68.4239	0.000000E+00
1349	476.030	-70.1001	0.000000E+00
1350	477.177	-58.9638	0.000000E+00
1351	477.195	-59.7136	0.000000E+00
1352	477.464	-70.0601	0.000000E+00
1353	477.482	-70.8099	0.000000E+00
1354	476.196	-59.7376	0.000000E+00
1355	476.235	-61.4133	0.000000E+00
1356	476.158	-64.9188	0.000000E+00
1357	476.248	-68.4176	0.000000E+00
1358	476.464	-70.0896	0.000000E+00
1359	476.482	-70.8339	0.000000E+00
1360	479.593	-58.9017	0.000000E+00
1361	479.612	-59.6515	0.000000E+00
1362	479.897	-69.9975	0.000000E+00
1363	479.917	-70.7473	0.000000E+00
1364	478.613	-59.6771	0.000000E+00
1365	478.659	-61.3532	0.000000E+00
1366	478.588	-64.8563	0.000000E+00
1367	480.920	-64.7926	0.000000E+00
1368	480.849	-68.2945	0.000000E+00
1369	480.897	-69.9719	0.000000E+00
1370	482.007	-58.8319	0.000000E+00
1371	482.028	-59.5816	0.000000E+00
1372	482.329	-69.9272	0.000000E+00
1373	482.350	-70.6769	0.000000E+00
1374	481.028	-59.6089	0.000000E+00
1375	481.077	-61.2869	0.000000E+00
1376	481.012	-64.7901	0.000000E+00
1377	481.113	-68.2886	0.000000E+00
1378	481.330	-69.9573	0.000000E+00
1379	481.350	-70.7042	0.000000E+00
1380	484.421	-58.7621	0.000000E+00
1381	484.443	-59.5118	0.000000E+00
1382	484.761	-69.8569	0.000000E+00
1383	484.783	-70.6066	0.000000E+00
1384	483.444	-59.5407	0.000000E+00
1385	483.495	-61.2168	0.000000E+00
1386	484.495	-61.1859	-2.50000
1387	484.495	-62.1859	-2.50000
1388	483.436	-64.7199	0.000000E+00
1389	485.768	-64.6487	0.000000E+00
1390	484.708	-68.1827	-2.50000
1391	484.708	-69.1827	-2.50000
1392	485.708	-68.1510	0.000000E+00
1393	485.761	-69.8280	0.000000E+00
1394	486.835	-58.6845	0.000000E+00
1395	486.858	-59.4341	0.000000E+00
1396	487.193	-69.7787	0.000000E+00
1397	487.216	-70.5284	0.000000E+00
1398	485.859	-59.4647	0.000000E+00
1399	485.914	-61.1428	0.000000E+00
1400	485.859	-64.6458	0.000000E+00
1401	485.972	-68.1440	0.000000E+00
1402	486.194	-69.8118	0.000000E+00
1403	486.217	-70.5589	0.000000E+00
1404	489.249	-58.6069	0.000000E+00
1405	489.274	-59.3565	0.000000E+00
1406	489.625	-69.7005	0.000000E+00
1407	489.649	-70.4501	0.000000E+00
1408	488.274	-59.3886	0.000000E+00
1409	488.332	-61.0648	0.000000E+00
1410	488.283	-64.5678	0.000000E+00
1411	490.615	-64.4891	0.000000E+00
1412	490.567	-67.9919	0.000000E+00
1413	490.625	-69.6684	0.000000E+00
1414	491.663	-58.5215	0.000000E+00
1415	491.688	-59.2711	0.000000E+00
1416	492.057	-69.6145	0.000000E+00

1417	492.082	-70.3641	0.000000E+00
1418	490.689	-59.3048	0.000000E+00
1419	490.740	-60.9778	0.000000E+00
1420	490.698	-64.4862	-0.383027E-13
1421	490.821	-67.9840	0.000000E+00
1422	491.058	-69.6561	0.000000E+00
1423	491.083	-70.3978	0.000000E+00
1424	494.077	-58.4361	0.000000E+00
1425	494.103	-59.1857	0.000000E+00
1426	494.488	-69.5285	0.000000E+00
1427	494.515	-70.2780	0.000000E+00
1428	493.104	-59.2210	0.000000E+00
1429	493.168	-60.8973	0.000000E+00
1430	493.130	-64.4001	0.000000E+00
1431	495.462	-64.3139	0.000000E+00
1432	495.425	-67.8171	0.000000E+00
1433	495.488	-69.4932	0.000000E+00
1434	496.490	-58.3430	0.000000E+00
1435	496.518	-59.0925	0.000000E+00
1436	496.920	-69.4347	0.000000E+00
1437	496.947	-70.1841	0.000000E+00
1438	495.519	-59.1294	0.000000E+00
1439	495.585	-60.8077	0.000000E+00
1440	495.554	-64.3104	0.000000E+00
1441	495.689	-67.8078	0.000000E+00
1442	495.920	-69.4736	0.000000E+00
1443	495.948	-70.2211	0.000000E+00
1444	498.904	-58.2498	0.000000E+00
1445	498.933	-58.9993	0.000000E+00
1446	499.351	-69.3408	0.000000E+00
1447	499.380	-70.0902	0.000000E+00
1448	497.933	-59.0378	0.000000E+00
1449	498.003	-60.7141	0.000000E+00
1450	497.977	-64.2168	0.000000E+00
1451	500.308	-64.1231	0.000000E+00
1452	500.282	-67.6267	0.000000E+00
1453	500.350	-69.3022	0.000000E+00
1454	501.317	-58.1489	0.000000E+00
1455	501.347	-58.8983	0.000000E+00
1456	501.782	-69.2391	0.000000E+00
1457	501.812	-69.9885	0.000000E+00
1458	500.348	-58.9385	0.000000E+00
1459	500.426	-60.6198	0.000000E+00
1460	500.405	-64.1191	0.000000E+00
1461	500.552	-67.6160	0.000000E+00
1462	500.783	-69.2777	0.000000E+00
1463	500.813	-70.0287	0.000000E+00
1464	503.730	-58.0479	0.000000E+00
1465	503.761	-58.7973	0.000000E+00
1466	504.213	-69.1374	0.000000E+00
1467	504.244	-69.8868	0.000000E+00
1468	502.762	-58.8391	0.000000E+00
1469	502.837	-60.5154	0.000000E+00
1470	502.823	-64.0179	0.000000E+00
1471	505.154	-63.9166	0.000000E+00
1472	505.139	-67.4206	0.000000E+00
1473	505.212	-69.0956	0.000000E+00
1474	506.144	-57.9392	0.000000E+00
1475	506.177	-58.6885	0.000000E+00
1476	506.645	-69.0278	0.000000E+00
1477	506.677	-69.7771	0.000000E+00
1478	505.177	-58.7319	0.000000E+00
1479	505.254	-60.4094	0.000000E+00
1480	505.245	-63.9126	0.000000E+00
1481	505.403	-67.4090	0.000000E+00
1482	505.646	-69.0735	0.000000E+00
1483	505.678	-69.8205	0.000000E+00
1484	508.558	-57.8304	0.000000E+00
1485	508.592	-58.5796	0.000000E+00
1486	509.077	-68.9183	0.000000E+00
1487	509.111	-69.6675	0.000000E+00
1488	507.593	-58.6246	0.000000E+00
1489	507.671	-60.2995	0.000000E+00
1490	507.668	-63.8033	0.000000E+00
1491	509.999	-63.6945	0.000000E+00
1492	509.995	-67.1972	0.000000E+00
1493	510.076	-68.8732	0.000000E+00
1494	510.970	-57.7139	0.000000E+00
1495	511.005	-58.4631	0.000000E+00
1496	511.507	-68.8009	0.000000E+00
1497	511.542	-69.5501	0.000000E+00
1498	510.007	-58.5097	0.000000E+00
1499	510.088	-60.1865	0.000000E+00
1500	510.090	-63.6902	0.000000E+00
1501	510.259	-67.1861	0.000000E+00
1502	510.508	-68.8503	0.000000E+00
1503	510.543	-69.5967	0.000000E+00
1504	513.383	-57.5974	0.000000E+00
1505	513.419	-58.3465	0.000000E+00
1506	513.937	-68.6835	0.000000E+00
1507	513.974	-69.4327	0.000000E+00
1508	512.420	-58.3948	0.000000E+00
1509	512.505	-60.0696	0.000000E+00
1510	512.513	-63.5731	0.000000E+00
1511	514.843	-63.4568	0.000000E+00
1512	514.851	-66.9598	0.000000E+00
1513	514.936	-68.6353	0.000000E+00
1514	515.795	-57.4731	0.000000E+00
1515	515.832	-58.2222	0.000000E+00
1516	516.367	-68.5583	0.000000E+00
1517	516.405	-69.3074	0.000000E+00
1518	514.834	-58.2720	0.000000E+00
1519	514.922	-59.9497	0.000000E+00
1520	514.936	-63.4521	-0.376921E-13
1521	515.116	-66.9475	0.000000E+00

1522	515.369	-68.6097	0.000000E+00
1523	515.406	-69.3573	0.000000E+00
1524	518.207	-57.3488	0.000000E+00
1525	518.246	-58.0979	0.000000E+00
1526	518.797	-68.4331	0.000000E+00
1527	518.836	-69.1822	0.000000E+00
1528	517.247	-58.1493	0.000000E+00
1529	517.337	-59.8242	0.000000E+00
1530	517.356	-63.3273	0.000000E+00
1531	519.686	-63.2035	0.000000E+00
1532	519.706	-66.7067	0.000000E+00
1533	519.796	-68.3817	0.000000E+00
1534	520.619	-57.2168	0.000000E+00
1535	520.658	-57.9657	0.000000E+00
1536	521.227	-68.3001	0.000000E+00
1537	521.266	-69.0491	0.000000E+00
1538	519.660	-58.0188	0.000000E+00
1539	519.753	-59.6956	0.000000E+00
1540	519.778	-63.1986	0.000000E+00
1541	519.969	-66.6934	0.000000E+00
1542	520.228	-68.3554	0.000000E+00
1543	520.268	-69.1021	0.000000E+00
1544	523.030	-57.0847	0.000000E+00
1545	523.071	-57.8336	0.000000E+00
1546	523.656	-68.1671	0.000000E+00
1547	523.697	-68.9160	0.000000E+00
1548	522.073	-57.8883	0.000000E+00
1549	522.169	-59.5631	0.000000E+00
1550	522.199	-63.0659	0.000000E+00
1551	524.529	-62.9346	0.000000E+00
1552	524.559	-66.4380	0.000000E+00
1553	524.655	-68.1124	0.000000E+00
1554	525.441	-56.9449	0.000000E+00
1555	525.484	-57.6937	0.000000E+00
1556	526.085	-68.0262	0.000000E+00
1557	526.127	-68.7750	0.000000E+00
1558	524.485	-57.7500	0.000000E+00
1559	524.574	-59.4214	0.000000E+00
1560	524.611	-62.9299	0.000000E+00
1561	524.813	-66.4240	0.000000E+00
1562	525.087	-68.0903	0.000000E+00
1563	525.129	-68.8313	0.000000E+00
1564	527.852	-56.8051	0.000000E+00
1565	527.896	-57.5538	0.000000E+00
1566	528.514	-67.8854	0.000000E+00
1567	528.558	-68.6341	0.000000E+00
1568	526.898	-57.6117	0.000000E+00
1569	527.000	-59.2865	0.000000E+00
1570	527.041	-62.7889	0.000000E+00
1571	529.371	-62.6501	0.000000E+00
1572	529.412	-66.1536	0.000000E+00
1573	529.512	-67.8275	0.000000E+00
1574	530.264	-56.6574	0.000000E+00
1575	530.309	-57.4061	0.000000E+00
1576	530.944	-67.7366	0.000000E+00
1577	530.989	-68.4853	0.000000E+00
1578	529.311	-57.4656	0.000000E+00
1579	529.412	-59.1402	0.000000E+00
1580	529.460	-62.6447	0.000000E+00
1581	529.673	-66.1381	0.000000E+00
1582	529.946	-67.8000	0.000000E+00
1583	529.990	-68.5448	0.000000E+00
1584	532.676	-56.5098	0.000000E+00
1585	532.722	-57.2584	0.000000E+00
1586	533.374	-67.5878	0.000000E+00
1587	533.420	-68.3364	0.000000E+00
1588	531.724	-57.3195	0.000000E+00
1589	531.829	-58.9927	0.000000E+00
1590	532.827	-58.9300	-2.50000
1591	532.827	-59.9300	-2.50000
1592	531.882	-62.4963	0.000000E+00
1593	534.211	-62.3500	0.000000E+00
1594	533.266	-65.9162	-2.50000
1595	533.266	-66.9162	-2.50000
1596	534.264	-65.8520	0.000000E+00
1597	534.372	-67.5267	0.000000E+00
1598	535.087	-56.3544	0.000000E+00
1599	535.134	-57.1029	0.000000E+00
1600	535.802	-67.4313	0.000000E+00
1601	535.849	-68.1798	0.000000E+00
1602	534.136	-57.1656	0.000000E+00
1603	534.244	-58.8408	0.000000E+00
1604	534.303	-62.3441	0.000000E+00
1605	534.528	-65.8369	0.000000E+00
1606	534.804	-67.4970	0.000000E+00
1607	534.851	-68.2425	0.000000E+00
1608	537.497	-56.1990	0.000000E+00
1609	537.545	-56.9475	0.000000E+00
1610	538.230	-67.2748	0.000000E+00
1611	538.278	-68.0232	0.000000E+00
1612	536.547	-57.0118	0.000000E+00
1613	536.658	-58.6849	0.000000E+00
1614	536.723	-62.1880	-0.454747E-12
1615	539.051	-62.0342	-0.454747E-12
1616	539.115	-65.5364	0.000000E+00
1617	539.228	-67.2105	0.000000E+00
1618	539.907	-56.0359	0.000000E+00
1619	539.956	-56.7842	0.000000E+00
1620	540.658	-67.1104	0.000000E+00
1621	540.707	-67.8588	0.000000E+00
1622	538.958	-56.8502	0.000000E+00
1623	539.085	-58.5317	0.000000E+00
1624	539.155	-62.0272	-0.105804E-12
1625	539.391	-65.5192	0.000000E+00
1626	539.659	-67.1716	0.000000E+00

1627	539.709	-67.9247	0.000000E+00
1628	542.316	-55.8727	0.000000E+00
1629	542.367	-56.6210	0.000000E+00
1630	543.085	-66.9461	0.000000E+00
1631	543.136	-67.6944	0.000000E+00
1632	541.369	-56.6886	0.000000E+00
1633	541.486	-58.3616	0.000000E+00
1634	541.562	-61.8642	0.000000E+00
1635	543.890	-61.7028	0.000000E+00
1636	543.965	-65.2051	0.000000E+00
1637	544.083	-66.8785	0.000000E+00
1638	544.725	-55.7018	0.000000E+00
1639	544.777	-56.4500	0.000000E+00
1640	545.512	-66.7739	0.000000E+00
1641	545.564	-67.5221	0.000000E+00
1642	543.780	-56.5192	0.000000E+00
1643	543.900	-58.1941	0.000000E+00
1644	543.981	-61.6964	0.000000E+00
1645	544.229	-65.1877	0.000000E+00
1646	544.515	-66.8454	0.000000E+00
1647	544.566	-67.5913	0.000000E+00
1648	547.135	-55.5309	0.000000E+00
1649	547.188	-56.2791	0.000000E+00
1650	547.939	-66.6017	0.000000E+00
1651	547.992	-67.3499	0.000000E+00
1652	546.190	-56.3498	0.000000E+00
1653	546.313	-58.0227	0.000000E+00
1654	546.400	-61.5248	0.000000E+00
1655	548.727	-61.3559	0.000000E+00
1656	548.814	-64.8582	0.000000E+00
1657	548.937	-66.5310	0.000000E+00
1658	549.543	-55.3523	0.000000E+00
1659	549.598	-56.1003	0.000000E+00
1660	550.366	-66.4217	0.000000E+00
1661	550.420	-67.1698	0.000000E+00
1662	548.600	-56.1727	0.000000E+00
1663	548.727	-57.8479	0.000000E+00
1664	548.820	-61.3491	0.000000E+00
1665	549.078	-64.8395	0.000000E+00
1666	549.368	-66.4957	0.000000E+00
1667	549.422	-67.2421	0.000000E+00
1668	551.952	-55.1736	0.000000E+00
1669	552.007	-55.9215	0.000000E+00
1670	552.792	-66.2417	0.000000E+00
1671	552.848	-66.9897	0.000000E+00
1672	551.010	-55.9955	0.000000E+00
1673	551.139	-57.6682	0.000000E+00
1674	551.237	-61.1697	0.000000E+00
1675	553.564	-60.9934	0.000000E+00
1676	553.662	-64.4956	0.000000E+00
1677	553.789	-66.1678	0.000000E+00
1678	554.360	-54.9872	0.000000E+00
1679	554.417	-55.7350	0.000000E+00
1680	555.218	-66.0539	0.000000E+00
1681	555.275	-66.8018	0.000000E+00
1682	553.419	-55.8106	0.000000E+00
1683	553.551	-57.4852	0.000000E+00
1684	553.655	-60.9864	0.000000E+00
1685	553.925	-64.4759	0.000000E+00
1686	554.221	-66.1313	0.000000E+00
1687	554.277	-66.8774	0.000000E+00
1688	556.768	-54.8007	0.000000E+00
1689	556.826	-55.5485	0.000000E+00
1690	557.644	-65.8661	0.000000E+00
1691	557.702	-66.6139	0.000000E+00
1692	555.829	-55.6257	0.000000E+00
1693	555.963	-57.2982	0.000000E+00
1694	556.073	-60.7991	0.000000E+00
1695	558.399	-60.6152	0.000000E+00
1696	558.508	-64.1174	0.000000E+00
1697	558.641	-65.7889	0.000000E+00
1698	559.177	-54.6064	0.000000E+00
1699	559.236	-55.3541	0.000000E+00
1700	560.070	-65.6704	0.000000E+00
1701	560.129	-66.4180	0.000000E+00
1702	558.239	-55.4329	0.000000E+00
1703	558.375	-57.1066	0.000000E+00
1704	558.490	-60.6079	0.000000E+00
1705	558.772	-64.0966	0.000000E+00
1706	559.074	-65.7515	0.000000E+00
1707	559.132	-66.4968	0.000000E+00
1708	561.585	-54.4121	0.000000E+00
1709	561.646	-55.1597	0.000000E+00
1710	562.497	-65.4746	0.000000E+00
1711	562.557	-66.2222	0.000000E+00
1712	560.649	-55.2401	0.000000E+00
1713	560.786	-56.9111	0.000000E+00
1714	560.907	-60.4129	0.000000E+00
1715	563.233	-60.2215	0.000000E+00
1716	563.354	-63.7220	0.000000E+00
1717	563.494	-65.3942	0.000000E+00
1718	563.992	-54.2102	0.000000E+00
1719	564.054	-54.9576	0.000000E+00
1720	564.921	-65.2712	0.000000E+00
1721	564.983	-66.0186	0.000000E+00
1722	563.057	-55.0396	0.000000E+00
1723	563.194	-56.7109	0.000000E+00
1724	563.321	-60.2142	-0.116906E-12
1725	563.614	-63.7019	0.000000E+00
1726	563.925	-65.3579	0.000000E+00
1727	563.986	-66.1007	0.000000E+00
1728	566.399	-54.0082	0.000000E+00
1729	566.461	-54.7556	0.000000E+00
1730	567.346	-65.0677	0.000000E+00
1731	567.409	-65.8151	0.000000E+00

1732	565.465	-54.8392	0.000000E+00
1733	565.609	-56.5100	0.000000E+00
1734	565.741	-60.0111	0.000000E+00
1735	568.066	-59.8122	0.000000E+00
1736	568.198	-63.3126	0.000000E+00
1737	568.342	-64.9841	0.000000E+00
1738	568.805	-53.7985	0.000000E+00
1739	568.869	-54.5458	0.000000E+00
1740	569.770	-64.8564	0.000000E+00
1741	569.834	-65.6037	0.000000E+00
1742	567.872	-54.6310	0.000000E+00
1743	568.019	-56.3036	0.000000E+00
1744	568.157	-59.8043	0.000000E+00
1745	568.461	-63.2911	0.000000E+00
1746	568.774	-64.9442	0.000000E+00
1747	568.837	-65.6889	0.000000E+00
1748	571.211	-53.5888	0.000000E+00
1749	571.276	-54.3359	0.000000E+00
1750	572.194	-64.6452	0.000000E+00
1751	572.259	-65.3923	0.000000E+00
1752	570.280	-54.4228	0.000000E+00
1753	570.429	-56.0933	0.000000E+00
1754	570.573	-59.5937	0.000000E+00
1755	572.897	-59.3873	0.000000E+00
1756	573.040	-62.8876	0.000000E+00
1757	573.190	-64.5583	0.000000E+00
1758	573.616	-53.3713	0.000000E+00
1759	573.683	-54.1184	0.000000E+00
1760	574.617	-64.4261	0.000000E+00
1761	574.683	-65.1731	0.000000E+00
1762	572.687	-54.2068	0.000000E+00
1763	572.851	-55.8850	0.000000E+00
1764	573.000	-59.3781	0.000000E+00
1765	573.315	-62.8639	0.000000E+00
1766	573.621	-64.5098	0.000000E+00
1767	573.687	-65.2616	0.000000E+00
1768	576.022	-53.1538	0.000000E+00
1769	576.089	-53.9008	0.000000E+00
1770	577.040	-64.2070	0.000000E+00
1771	577.108	-64.9540	0.000000E+00
1772	575.093	-53.9908	0.000000E+00
1773	575.249	-55.6611	0.000000E+00
1774	575.403	-59.1607	0.000000E+00
1775	577.727	-58.9469	0.000000E+00
1776	577.882	-62.4469	0.000000E+00
1777	578.036	-64.1170	0.000000E+00
1778	578.432	-52.9281	0.000000E+00
1779	578.500	-53.6750	0.000000E+00
1780	579.468	-63.9796	0.000000E+00
1781	579.537	-64.7265	0.000000E+00
1782	577.505	-53.7666	0.000000E+00
1783	577.663	-55.4387	0.000000E+00
1784	577.818	-58.9367	0.000000E+00
1785	578.142	-62.4225	0.000000E+00
1786	578.473	-64.0780	0.000000E+00
1787	578.541	-64.8181	0.000000E+00
1788	580.842	-52.7024	0.000000E+00
1789	580.912	-53.4491	0.000000E+00
1790	581.896	-63.7522	0.000000E+00
1791	581.966	-64.4989	0.000000E+00
1792	579.916	-53.5424	0.000000E+00
1793	580.077	-55.2104	0.000000E+00
1794	581.072	-55.1143	-2.50000
1795	581.072	-56.1143	-2.50000
1796	580.232	-58.7088	0.000000E+00
1797	582.556	-58.4927	0.000000E+00
1798	581.721	-62.0863	-2.50000
1799	581.721	-63.0863	-2.50000
1800	582.715	-61.9817	0.000000E+00
1801	582.891	-63.6590	0.000000E+00
1802	583.228	-52.4811	0.000000E+00
1803	583.298	-53.2279	0.000000E+00
1804	584.302	-63.5291	0.000000E+00
1805	584.371	-64.2759	0.000000E+00
1806	582.302	-53.3207	0.000000E+00
1807	582.467	-54.9918	0.000000E+00
1808	582.629	-58.4877	0.000000E+00
1809	582.960	-61.9728	0.000000E+00
1810	583.307	-63.6365	0.000000E+00
1811	583.376	-64.3687	0.000000E+00
1812	585.615	-52.2599	0.000000E+00
1813	585.684	-53.0067	0.000000E+00
1814	586.708	-63.3060	0.000000E+00
1815	586.777	-64.0528	0.000000E+00
1816	584.689	-53.0990	0.000000E+00
1817	584.857	-54.7664	0.000000E+00
1818	585.029	-58.2486	0.000000E+00
1819	587.351	-58.0250	0.000000E+00
1820	587.516	-61.5237	0.000000E+00
1821	587.703	-63.2137	0.000000E+00
1822	587.999	-52.0262	0.000000E+00
1823	588.070	-52.7728	0.000000E+00
1824	589.109	-63.0706	0.000000E+00
1825	589.180	-63.8172	0.000000E+00
1826	587.075	-52.8677	0.000000E+00
1827	587.247	-54.5191	0.000000E+00
1828	587.429	-58.0146	-0.116573E-13
1829	587.778	-61.4972	0.000000E+00
1830	588.114	-63.1708	0.000000E+00
1831	588.184	-63.9121	0.000000E+00
1832	590.383	-51.7925	0.000000E+00
1833	590.457	-52.5389	0.000000E+00
1834	591.510	-62.8352	0.000000E+00
1835	591.583	-63.5816	0.000000E+00
1836	589.461	-52.6364	0.000000E+00

1837	589.634	-54.2996	0.000000E+00
1838	589.822	-57.7733	0.000000E+00
1839	592.144	-57.5403	0.000000E+00
1840	592.322	-61.0532	0.000000E+00
1841	592.505	-62.7376	0.000000E+00
1842	592.768	-51.5460	0.000000E+00
1843	592.843	-52.2922	0.000000E+00
1844	593.911	-62.5869	0.000000E+00
1845	593.986	-63.3332	0.000000E+00
1846	591.848	-52.3924	0.000000E+00
1847	592.022	-54.0582	0.000000E+00
1848	592.213	-57.5549	0.000000E+00
1849	592.569	-61.0366	0.000000E+00
1850	592.917	-62.6949	0.000000E+00
1851	592.991	-63.4334	0.000000E+00
1852	595.152	-51.2995	0.000000E+00
1853	595.229	-52.0456	0.000000E+00
1854	596.312	-62.3387	0.000000E+00
1855	596.389	-63.0848	0.000000E+00
1856	594.234	-52.1484	0.000000E+00
1857	594.409	-53.8119	0.000000E+00
1858	594.613	-57.2829	0.000000E+00
1859	596.934	-57.0404	0.000000E+00
1860	597.125	-60.5616	0.000000E+00
1861	597.534	-51.0456	0.000000E+00
1862	597.307	-62.2359	0.000000E+00
1863	597.612	-51.7915	0.000000E+00
1864	598.712	-62.0829	0.000000E+00
1865	596.618	-51.8959	0.000000E+00
1866	598.790	-62.8288	0.000000E+00
1867	596.783	-53.5304	0.000000E+00
1868	596.989	-57.0340	-0.166533E-14
1869	597.360	-60.5143	0.000000E+00
1870	597.718	-62.1958	0.000000E+00
1871	599.916	-50.7916	0.000000E+00
1872	597.796	-62.9332	0.000000E+00
1873	599.996	-51.5374	0.000000E+00
1874	601.112	-61.8271	0.000000E+00
1875	599.001	-51.6434	0.000000E+00
1876	601.191	-62.5729	0.000000E+00
1877	599.183	-53.3073	0.000000E+00
1878	599.401	-56.7772	0.000000E+00
1879	601.721	-56.5253	0.000000E+00
1880	601.927	-60.0513	0.000000E+00
1881	602.299	-50.5299	0.000000E+00
1882	602.106	-61.7211	0.000000E+00
1883	602.380	-51.2756	0.000000E+00
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1886	603.593	-62.3091	0.000000E+00
1887	601.569	-53.0470	0.000000E+00
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1890	602.518	-61.6704	0.000000E+00
1891	604.682	-50.2682	0.000000E+00
1892	602.599	-62.4167	0.000000E+00
1893	604.763	-51.0138	0.000000E+00
1894	605.912	-61.2998	0.000000E+00
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1896	605.994	-62.0453	0.000000E+00
1897	603.954	-52.7819	0.000000E+00
1898	604.186	-56.2564	0.000000E+00
1899	606.504	-55.9951	0.000000E+00
1900	606.726	-59.5198	0.000000E+00
1901	607.061	-49.9941	0.000000E+00
1902	606.906	-61.1906	0.000000E+00
1903	607.146	-50.7393	0.000000E+00
1904	606.153	-50.8527	0.000000E+00
1905	608.308	-61.0239	0.000000E+00
1906	608.393	-61.7690	0.000000E+00
1907	606.340	-52.4939	0.000000E+00
1908	606.568	-55.9894	0.000000E+00
1909	606.961	-59.4672	0.000000E+00
1910	607.314	-61.1343	0.000000E+00
1911	609.441	-49.7200	0.000000E+00
1912	609.530	-50.4648	0.000000E+00
1913	607.399	-61.8824	0.000000E+00
1914	608.537	-50.5824	0.000000E+00
1915	610.703	-60.7480	0.000000E+00
1916	610.792	-61.4928	0.000000E+00
1917	608.723	-52.2362	0.000000E+00
1918	608.967	-55.7204	0.000000E+00
1919	611.285	-55.4497	0.000000E+00
1920	611.524	-58.9729	0.000000E+00
1921	611.820	-49.4382	0.000000E+00
1922	611.909	-50.1830	0.000000E+00
1923	611.697	-60.6304	0.000000E+00
1924	610.916	-50.3006	0.000000E+00
1925	613.101	-60.4640	0.000000E+00
1926	613.189	-61.2088	0.000000E+00
1927	611.107	-51.9581	0.000000E+00
1928	611.355	-55.4563	0.000000E+00
1929	611.768	-58.9319	0.000000E+00
1930	614.199	-49.1565	0.000000E+00
1931	612.107	-60.5680	0.000000E+00
1932	614.288	-49.9013	0.000000E+00
1933	612.196	-61.3264	0.000000E+00
1934	613.295	-50.0189	0.000000E+00
1935	615.499	-60.1801	0.000000E+00
1936	613.491	-51.6751	0.000000E+00
1937	615.587	-60.9249	0.000000E+00
1938	614.484	-51.5575	-2.50000
1939	614.484	-52.5575	-2.50000
1940	614.795	-49.0827	0.000000E+00
1941	614.887	-49.8270	0.000000E+00

1942	613.746	-55.1693	0.000000E+00
1943	613.895	-49.9500	0.000000E+00
1944	614.086	-51.6005	0.000000E+00
1945	616.063	-54.8892	0.000000E+00
1946	614.341	-55.0990	0.000000E+00
1947	615.324	-58.5069	-2.50000
1948	615.324	-59.5069	-2.50000
1949	616.318	-58.4027	0.000000E+00
1950	616.492	-60.0625	0.000000E+00
1951	616.658	-54.8189	0.000000E+00
1953	616.183	-60.8511	0.000000E+00
1954	616.102	-60.1055	0.000000E+00
1955	616.914	-58.3264	0.000000E+00
1956	617.096	-59.9972	0.000000E+00
1957	305.273	-62.9707	-1.00000
1958	305.583	-59.4844	-1.00000
1959	304.111	-62.8675	-1.00000
1960	305.893	-55.9981	-1.00000
1961	304.421	-59.3812	-1.00000
1962	310.081	-63.3900	-1.00000
1963	310.379	-59.9027	-1.00000
1964	308.918	-63.2905	-1.00000
1965	310.678	-56.4155	-1.00000
1966	309.217	-59.8032	-1.00000
1967	314.889	-63.7939	-1.00000
1968	315.177	-60.3057	-1.00000
1969	313.727	-63.6981	-1.00000
1970	315.464	-56.8175	-1.00000
1971	314.014	-60.2099	-1.00000
1972	319.699	-64.1824	-1.00000
1973	319.975	-60.6933	-1.00000
1974	318.536	-64.0903	-1.00000
1975	320.251	-57.2042	-1.00000
1976	318.812	-60.6012	-1.00000
1977	324.510	-64.5555	-1.00000
1978	324.775	-61.0656	-1.00000
1979	323.347	-64.4672	-1.00000
1980	325.040	-57.5756	-1.00000
1981	323.612	-60.9772	-1.00000
1982	329.322	-64.9132	-1.00000
1983	329.576	-61.4225	-1.00000
1984	328.159	-64.8286	-1.00000
1985	329.830	-57.9317	-1.00000
1986	328.413	-61.3378	-1.00000
1987	334.136	-65.2556	-1.00000
1988	334.378	-61.7640	-1.00000
1989	332.972	-65.1747	-1.00000
1990	334.621	-58.2724	-1.00000
1991	333.214	-61.6831	-1.00000
1992	338.950	-65.5825	-1.00000
1993	339.182	-62.0901	-1.00000
1994	337.786	-65.5053	-1.00000
1995	339.413	-58.5978	-1.00000
1996	338.017	-62.0130	-1.00000
1997	343.801	-65.8961	-1.00000
1998	344.021	-62.4031	-1.00000
1999	342.637	-65.8227	-1.00000
2000	344.242	-58.9100	-1.00000
2001	342.857	-62.3297	-1.00000
2002	348.653	-66.1942	-1.00000
2003	348.862	-62.7005	-1.00000
2004	347.489	-66.1246	-1.00000
2005	349.071	-59.2067	-1.00000
2006	347.698	-62.6308	-1.00000
2007	353.506	-66.4767	-1.00000
2008	353.704	-62.9823	-1.00000
2009	352.342	-66.4108	-1.00000
2010	353.902	-59.4879	-1.00000
2011	352.539	-62.9164	-1.00000
2012	358.360	-66.7435	-1.00000
2013	358.547	-63.2485	-1.00000
2014	357.195	-66.6814	-1.00000
2015	358.733	-59.7535	-1.00000
2016	357.382	-63.1863	-1.00000
2017	363.215	-66.9947	-1.00000
2018	363.390	-63.4991	-1.00000
2019	362.050	-66.9363	-1.00000
2020	363.566	-60.0035	-1.00000
2021	362.225	-63.4407	-1.00000
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2023	368.235	-63.7340	-1.00000
2024	366.905	-67.1755	-1.00000
2025	368.399	-60.2379	-1.00000
2026	367.069	-63.6794	-1.00000
2027	372.927	-67.4500	-1.00000
2028	373.080	-63.9534	-1.00000
2029	371.761	-67.3992	-1.00000
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2032	377.784	-67.6542	-1.00000
2033	377.925	-64.1571	-1.00000
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2035	378.067	-60.6600	-1.00000
2036	376.760	-64.1100	-1.00000
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2038	382.772	-64.3452	-1.00000
2039	381.476	-67.7994	-1.00000
2040	382.902	-60.8476	-1.00000
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2042	387.500	-68.0156	-1.00000
2043	387.619	-64.5177	-1.00000
2044	386.334	-67.9760	-1.00000
2045	387.737	-61.0197	-1.00000
2046	386.453	-64.4781	-1.00000
2047	392.359	-68.1729	-1.00000

2048	392.466	-64.6745	-1.00000
2049	391.192	-68.1370	-1.00000
2050	392.574	-61.1762	-1.00000
2051	391.300	-64.6387	-1.00000
2052	397.218	-68.3144	-1.00000
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2054	396.052	-68.2823	-1.00000
2055	397.410	-61.3171	-1.00000
2056	396.148	-64.7836	-1.00000
2057	402.077	-68.4403	-1.00000
2058	402.162	-64.9413	-1.00000
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2063	407.011	-65.0513	-1.00000
2064	405.771	-68.5259	-1.00000
2065	407.085	-61.5521	-1.00000
2066	405.845	-65.0267	-1.00000
2067	411.798	-68.6450	-1.00000
2068	411.860	-65.1456	-1.00000
2069	410.631	-68.6242	-1.00000
2070	411.923	-61.6462	-1.00000
2071	410.694	-65.1248	-1.00000
2072	416.658	-68.7239	-1.00000
2073	416.710	-65.2243	-1.00000
2074	415.492	-68.7069	-1.00000
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2076	415.543	-65.2072	-1.00000
2077	421.519	-68.7871	-1.00000
2078	421.559	-65.2873	-1.00000
2079	420.353	-68.7738	-1.00000
2080	421.599	-61.7876	-1.00000
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2082	426.380	-68.8347	-1.00000
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2091	430.092	-65.3608	-1.00000
2092	436.103	-68.8827	-1.00000
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2097	440.959	-65.3832	-1.00000
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2099	439.792	-65.3850	-1.00000
2100	440.964	-68.8832	-1.00000
2101	439.797	-68.8850	-1.00000
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2214	551.237	-61.1697	-1.00000
2215	552.665	-64.5715	-1.00000
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2217	557.236	-60.7072	-1.00000
2218	556.960	-57.2181	-1.00000
2219	556.073	-60.7991	-1.00000
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2221	556.349	-64.2882	-1.00000
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2223	561.783	-56.8290	-1.00000
2224	560.907	-60.4129	-1.00000
2225	562.357	-63.8054	-1.00000
2226	561.194	-63.9011	-1.00000
2227	566.903	-59.9117	-1.00000
2228	566.605	-56.4244	-1.00000
2229	565.741	-60.0111	-1.00000
2230	567.201	-63.3989	-1.00000
2231	566.039	-63.4984	-1.00000
2232	571.735	-59.4905	-1.00000
2233	571.425	-56.0042	-1.00000
2234	570.573	-59.5937	-1.00000
2235	572.044	-62.9768	-1.00000
2236	570.882	-63.0800	-1.00000
2237	576.565	-59.0538	-1.00000
2238	576.244	-55.5686	-1.00000
2239	575.403	-59.1608	-1.00000
2240	576.886	-62.5391	-1.00000
2241	575.724	-62.6460	-1.00000
2242	581.396	-58.6003	-1.00000
2243	581.072	-55.1143	-1.00000
2244	580.234	-58.7084	-1.00000
2245	581.721	-62.0863	-1.00000
2246	580.559	-62.1944	-1.00000
2247	586.187	-58.1499	-1.00000
2248	585.852	-54.6660	-1.00000
2249	585.026	-58.2617	-1.00000
2250	586.522	-61.6338	-1.00000
2251	585.361	-61.7456	-1.00000
2252	590.978	-57.6788	-1.00000
2253	590.629	-54.1963	-1.00000
2254	589.817	-57.7953	-1.00000
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2256	590.167	-61.2778	-1.00000
2257	595.768	-57.1883	-1.00000

2258	595.404	-53.7072	-1.00000
2259	594.607	-57.3095	-1.00000
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2262	600.555	-56.6784	-1.00000
2263	600.177	-53.1988	-1.00000
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2268	604.948	-52.6710	-1.00000
2269	604.181	-56.2797	-1.00000
2270	605.732	-59.6270	-1.00000
2271	604.573	-59.7576	-1.00000
2272	610.123	-55.6003	-1.00000
2273	609.717	-52.1239	-1.00000
2274	608.964	-55.7356	-1.00000
2275	610.529	-59.0767	-1.00000
2276	609.370	-59.2120	-1.00000
2277	614.904	-55.0322	-1.00000
2278	614.484	-51.5575	-1.00000
2279	613.746	-55.1722	-1.00000
2280	615.324	-58.5069	-1.00000
2281	614.166	-58.6469	-1.00000
2282	305.583	-59.4844	0.277556E-16
2283	305.583	-60.4844	-1.00000
2284	339.182	-62.0901	0.277556E-16
2285	339.182	-63.0901	-1.00000
2286	387.619	-64.5177	0.277556E-16
2287	387.619	-65.5177	-1.00000
2288	436.109	-65.3827	0.277556E-16
2289	436.109	-66.3827	-1.00000
2290	484.602	-64.6843	0.277556E-16
2291	484.602	-65.6843	-1.00000
2292	533.047	-62.4231	0.277556E-16
2293	533.047	-63.4231	-1.00000
2294	581.396	-58.6003	0.277556E-16
2295	581.396	-59.6003	-1.00000
2296	614.904	-55.0322	0.277556E-16
2297	614.904	-56.0322	-1.00000
2298	310.379	-59.9027	0.277556E-16
2299	310.379	-60.9027	-1.00000
2300	315.177	-60.3057	0.277556E-16
2301	315.177	-61.3057	-1.00000
2302	319.975	-60.6933	0.277556E-16
2303	319.975	-61.6933	-1.00000
2304	324.775	-61.0656	0.277556E-16
2305	324.775	-62.0656	-1.00000
2306	329.576	-61.4225	0.277556E-16
2307	329.576	-62.4225	-1.00000
2308	334.378	-61.7640	0.277556E-16
2309	334.378	-62.7640	-1.00000
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2311	344.021	-63.4031	-1.00000
2312	348.862	-62.7005	0.277556E-16
2313	348.862	-63.7005	-1.00000
2314	353.704	-62.9823	0.277556E-16
2315	353.704	-63.9823	-1.00000
2316	358.547	-63.2485	0.277556E-16
2317	358.547	-64.2485	-1.00000
2318	363.390	-63.4991	0.277556E-16
2319	363.390	-64.4991	-1.00000
2320	368.235	-63.7340	0.277556E-16
2321	368.235	-64.7340	-1.00000
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2323	373.080	-64.9534	-1.00000
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2325	377.925	-65.1571	-1.00000
2326	382.772	-64.3452	0.277556E-16
2327	382.772	-65.3452	-1.00000
2328	392.466	-64.6745	0.277556E-16
2329	392.466	-65.6745	-1.00000
2330	397.314	-64.8157	0.277556E-16
2331	397.314	-65.8157	-1.00000
2332	402.162	-64.9413	0.277556E-16
2333	402.162	-65.9413	-1.00000
2334	407.011	-65.0513	0.277556E-16
2335	407.011	-66.0513	-1.00000
2336	411.860	-65.1456	0.277556E-16
2337	411.860	-66.1456	-1.00000
2338	416.710	-65.2243	0.277556E-16
2339	416.710	-66.2243	-1.00000
2340	421.559	-65.2873	0.277556E-16
2341	421.559	-66.2873	-1.00000
2342	426.409	-65.3348	0.277556E-16
2343	426.409	-66.3348	-1.00000
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2345	431.259	-66.3666	-1.00000
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2347	440.959	-66.3832	-1.00000
2348	445.809	-65.3681	0.277556E-16
2349	445.809	-66.3681	-1.00000
2350	450.659	-65.3373	0.277556E-16
2351	450.659	-66.3373	-1.00000
2352	455.508	-65.2909	0.277556E-16
2353	455.508	-66.2909	-1.00000
2354	460.358	-65.2289	0.277556E-16
2355	460.358	-66.2289	-1.00000
2356	465.207	-65.1513	0.277556E-16
2357	465.207	-66.1513	-1.00000
2358	470.057	-65.0580	0.277556E-16
2359	470.057	-66.0580	-1.00000
2360	474.905	-64.9490	0.277556E-16
2361	474.905	-65.9490	-1.00000
2362	479.754	-64.8245	0.277556E-16

2363	479.754	-65.8245	-1.00000
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2373	508.833	-64.7489	-1.00000
2374	513.678	-63.5150	0.277556E-16
2375	513.678	-64.5150	-1.00000
2376	518.521	-63.2654	0.277556E-16
2377	518.521	-64.2654	-1.00000
2378	523.364	-63.0003	0.277556E-16
2379	523.364	-64.0003	-1.00000
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2387	547.564	-62.4403	-1.00000
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2389	552.400	-62.0816	-1.00000
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2391	557.236	-61.7072	-1.00000
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2399	576.565	-60.0538	-1.00000
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2407	600.555	-57.6784	-1.00000
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2446	387.500	-69.0156	-1.00000
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2548	306.147	-59.5344	0.000000E+00
2549	306.119	-64.7259	0.000000E+00
2550	303.823	-59.3280	0.000000E+00
2551	306.269	-63.0605	0.000000E+00
2552	305.273	-62.9707	-2.50000
2553	305.273	-63.9707	-2.50000
2554	305.442	-54.2762	0.000000E+00
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2559	304.421	-59.3812	0.000000E+00
2560	306.041	-54.3298	0.000000E+00
2561	306.106	-53.5827	0.000000E+00
2562	305.893	-55.9981	-2.50000
2563	305.893	-56.9981	-2.50000
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2567	307.533	-64.8512	0.000000E+00
2568	308.433	-54.5403	0.000000E+00
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2570	306.472	-65.5115	0.000000E+00
2571	306.537	-64.7643	0.000000E+00
2572	306.517	-63.0818	0.000000E+00

2573	306.819	-59.5934	0.000000E+00
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2577	309.939	-65.0591	0.000000E+00
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2579	310.884	-53.9994	0.000000E+00
2580	310.935	-65.1460	0.000000E+00
2581	311.077	-63.4746	0.000000E+00
2582	311.542	-60.0023	0.000000E+00
2583	309.217	-59.8032	0.000000E+00
2584	309.681	-56.3310	0.000000E+00
2585	309.823	-54.6597	0.000000E+00
2586	312.274	-66.0098	0.000000E+00
2587	312.337	-65.2624	0.000000E+00
2588	313.203	-54.9488	0.000000E+00
2589	313.266	-54.2014	0.000000E+00
2590	311.278	-65.9261	0.000000E+00
2591	311.341	-65.1787	0.000000E+00
2592	311.315	-63.4956	0.000000E+00
2593	311.608	-60.0079	0.000000E+00
2594	312.067	-56.5341	0.000000E+00
2595	312.207	-54.8651	0.000000E+00
2596	314.691	-66.2109	0.000000E+00
2597	314.754	-65.4635	0.000000E+00
2598	315.601	-55.1482	0.000000E+00
2599	315.664	-54.4009	0.000000E+00
2600	315.750	-65.5472	0.000000E+00
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2607	317.169	-65.6605	0.000000E+00
2608	318.002	-55.3441	0.000000E+00
2609	318.062	-54.5965	0.000000E+00
2610	316.111	-66.3275	0.000000E+00
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2612	316.140	-63.9000	0.000000E+00
2613	316.413	-60.4044	0.000000E+00
2614	316.870	-56.9330	0.000000E+00
2615	317.005	-55.2636	0.000000E+00
2616	319.507	-66.5999	0.000000E+00
2617	319.568	-65.8523	0.000000E+00
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2619	320.442	-54.7868	0.000000E+00
2620	320.564	-65.9328	0.000000E+00
2621	320.696	-64.2609	0.000000E+00
2622	321.138	-60.7854	0.000000E+00
2623	318.812	-60.6012	0.000000E+00
2624	319.255	-57.1263	0.000000E+00
2625	319.385	-55.4539	0.000000E+00
2626	321.917	-66.7887	0.000000E+00
2627	321.975	-66.0409	0.000000E+00
2628	322.775	-55.7219	0.000000E+00
2629	322.833	-54.9742	0.000000E+00
2630	320.920	-66.7114	0.000000E+00
2631	320.978	-65.9636	0.000000E+00
2632	320.941	-64.2807	0.000000E+00
2633	321.212	-60.7911	0.000000E+00
2634	321.649	-57.3145	0.000000E+00
2635	321.778	-55.6446	0.000000E+00
2636	324.327	-66.9737	0.000000E+00
2637	324.385	-66.2259	0.000000E+00
2638	325.166	-55.9054	0.000000E+00
2639	325.224	-55.1577	0.000000E+00
2640	325.382	-66.3032	0.000000E+00
2641	325.507	-64.6302	0.000000E+00
2642	325.938	-61.1539	0.103806E-13
2643	323.612	-60.9772	0.103806E-13
2644	324.043	-57.5002	0.000000E+00
2645	324.169	-55.8281	0.000000E+00
2646	326.727	-67.1540	0.000000E+00
2647	326.783	-66.4060	0.000000E+00
2648	327.550	-56.0845	0.000000E+00
2649	327.605	-55.3366	0.000000E+00
2650	325.730	-67.0798	0.000000E+00
2651	325.785	-66.3319	0.000000E+00
2652	325.744	-64.6460	0.000000E+00
2653	326.012	-61.1625	0.000000E+00
2654	326.428	-57.6807	0.000000E+00
2655	326.553	-56.0104	0.000000E+00
2656	329.146	-67.3318	0.000000E+00
2657	329.201	-66.5839	0.000000E+00
2658	329.949	-56.2610	0.000000E+00
2659	330.005	-55.5130	0.000000E+00
2660	330.198	-66.6580	0.000000E+00
2661	330.320	-64.9856	0.000000E+00
2662	330.740	-61.5070	0.000000E+00
2663	328.413	-61.3378	0.000000E+00
2664	328.833	-57.8604	0.000000E+00
2665	328.952	-56.1868	0.000000E+00
2666	331.564	-67.5058	0.000000E+00
2667	331.618	-66.7577	0.000000E+00
2668	332.352	-56.4337	0.000000E+00
2669	332.405	-55.6856	0.000000E+00
2670	330.567	-67.4349	0.000000E+00
2671	330.620	-66.6867	0.000000E+00
2672	330.573	-65.0041	0.000000E+00
2673	330.821	-61.5129	0.000000E+00
2674	331.235	-58.0335	0.000000E+00
2675	331.354	-56.3628	0.000000E+00
2676	333.968	-67.6748	0.000000E+00
2677	334.020	-66.9266	0.000000E+00

2678	334.736	-56.6014	0.000000E+00
2679	334.789	-55.8533	0.000000E+00
2680	335.017	-66.9958	0.000000E+00
2681	335.133	-65.3248	0.000000E+00
2682	335.542	-61.8448	-0.274780E-13
2683	333.214	-61.6830	-0.274780E-13
2684	333.623	-58.2037	0.000000E+00
2685	333.739	-56.5305	0.000000E+00
2686	336.377	-67.8403	0.000000E+00
2687	336.427	-67.0920	0.000000E+00
2688	337.129	-56.7658	0.000000E+00
2689	337.179	-56.0175	0.000000E+00
2690	335.379	-67.7725	0.000000E+00
2691	335.430	-67.0242	0.000000E+00
2692	335.377	-65.3411	0.000000E+00
2693	335.616	-61.8506	0.000000E+00
2694	336.017	-58.3691	0.000000E+00
2695	336.131	-56.6980	0.000000E+00
2696	338.788	-68.0121	0.000000E+00
2697	338.838	-67.2637	0.000000E+00
2698	339.519	-56.9362	0.000000E+00
2699	339.572	-56.1880	0.000000E+00
2700	339.835	-67.3304	0.000000E+00
2701	339.948	-65.6491	0.000000E+00
2702	338.950	-65.5825	-2.50000
2703	338.950	-66.5825	-2.50000
2704	340.346	-62.1673	0.000000E+00
2705	338.017	-62.0130	0.000000E+00
2706	339.413	-58.5978	-2.50000
2707	339.413	-59.5978	-2.50000
2708	338.415	-58.5341	0.000000E+00
2709	338.522	-56.8664	0.000000E+00
2710	341.216	-68.1611	0.000000E+00
2711	341.265	-67.4126	0.000000E+00
2712	341.933	-57.0842	0.000000E+00
2713	341.981	-56.3358	0.000000E+00
2714	340.218	-68.0965	0.000000E+00
2715	340.267	-67.3481	0.000000E+00
2716	340.208	-65.6657	0.000000E+00
2717	340.434	-62.1730	0.000000E+00
2718	340.827	-58.6911	0.000000E+00
2719	340.935	-57.0197	0.000000E+00
2720	343.649	-68.3165	0.000000E+00
2721	343.696	-67.5679	0.000000E+00
2722	344.348	-57.2385	0.000000E+00
2723	344.395	-56.4900	0.000000E+00
2724	344.694	-67.6305	0.000000E+00
2725	344.799	-65.9587	0.000000E+00
2726	345.186	-62.4765	0.568434E-13
2727	342.857	-62.3297	0.568434E-13
2728	343.244	-58.8464	0.000000E+00
2729	343.350	-57.1760	0.000000E+00
2730	346.083	-68.4680	0.000000E+00
2731	346.129	-67.7194	0.000000E+00
2732	346.764	-57.3888	0.000000E+00
2733	346.810	-56.6403	0.000000E+00
2734	345.085	-68.4066	0.000000E+00
2735	345.131	-67.6580	0.000000E+00
2736	345.067	-65.9759	0.000000E+00
2737	345.282	-62.4825	0.309197E-13
2738	345.663	-58.9993	0.000000E+00
2739	345.766	-57.3275	0.000000E+00
2740	348.509	-68.6150	0.000000E+00
2741	348.554	-67.8664	0.000000E+00
2742	349.171	-57.5348	0.000000E+00
2743	349.217	-56.7862	0.000000E+00
2744	349.552	-67.9259	0.000000E+00
2745	349.652	-66.2538	0.000000E+00
2746	350.027	-62.7702	0.000000E+00
2747	347.698	-62.6308	0.000000E+00
2748	348.073	-59.1475	0.000000E+00
2749	348.172	-57.4734	0.000000E+00
2750	350.951	-68.7591	0.000000E+00
2751	350.994	-68.0104	0.000000E+00
2752	351.596	-57.6779	0.000000E+00
2753	351.639	-56.9291	0.000000E+00
2754	349.953	-68.7010	0.000000E+00
2755	349.996	-67.9523	0.000000E+00
2756	349.927	-66.2704	0.000000E+00
2757	350.130	-62.7763	0.000000E+00
2758	350.500	-59.2919	0.000000E+00
2759	350.597	-57.6198	0.000000E+00
2760	353.369	-68.8979	0.000000E+00
2761	353.412	-68.1491	0.000000E+00
2762	353.995	-57.8156	0.000000E+00
2763	354.039	-57.0668	0.000000E+00
2764	354.410	-68.2056	0.000000E+00
2765	354.505	-66.5332	0.000000E+00
2766	354.869	-63.0482	0.000000E+00
2767	352.539	-62.9164	0.000000E+00
2768	352.903	-59.4321	0.000000E+00
2769	352.997	-57.7575	0.000000E+00
2770	355.793	-69.0331	0.000000E+00
2771	355.834	-68.2842	0.000000E+00
2772	356.403	-57.9499	0.000000E+00
2773	356.444	-57.2010	0.000000E+00
2774	354.795	-68.9782	0.000000E+00
2775	354.836	-68.2294	0.000000E+00
2776	354.761	-66.5477	0.000000E+00
2777	354.954	-63.0529	0.000000E+00
2778	355.312	-59.5674	0.000000E+00
2779	355.404	-57.8950	0.000000E+00
2780	358.231	-69.1651	0.000000E+00
2781	358.272	-68.4163	0.000000E+00
2782	358.821	-58.0808	0.000000E+00

2783	358.862	-57.3320	0.000000E+00
2784	359.270	-68.4711	0.000000E+00
2785	359.359	-66.7964	0.000000E+00
2786	359.712	-63.3106	-0.888178E-15
2787	357.382	-63.1863	-0.888178E-15
2788	357.735	-59.7012	0.000000E+00
2789	357.822	-58.0259	0.000000E+00
2790	360.663	-69.2929	0.000000E+00
2791	360.702	-68.5439	0.000000E+00
2792	361.236	-58.2078	0.000000E+00
2793	361.275	-57.4588	0.000000E+00
2794	359.664	-69.2413	0.000000E+00
2795	359.703	-68.4923	0.000000E+00
2796	359.623	-66.8110	0.000000E+00
2797	359.803	-63.3153	0.000000E+00
2798	360.151	-59.8288	0.000000E+00
2799	360.238	-58.1561	0.000000E+00
2800	363.093	-69.4167	0.000000E+00
2801	363.132	-68.6677	0.000000E+00
2802	363.647	-58.3305	0.000000E+00
2803	363.686	-57.5815	0.000000E+00
2804	364.130	-68.7193	0.000000E+00
2805	364.214	-67.0446	0.000000E+00
2806	364.556	-63.5575	0.000000E+00
2807	362.225	-63.4407	0.000000E+00
2808	362.567	-59.9547	0.000000E+00
2809	362.649	-58.2789	0.000000E+00
2810	365.533	-69.5370	0.000000E+00
2811	365.570	-68.7879	0.000000E+00
2812	366.071	-58.4500	0.000000E+00
2813	366.107	-57.7009	0.000000E+00
2814	364.535	-69.4886	0.000000E+00
2815	364.571	-68.7395	0.000000E+00
2816	364.485	-67.0609	0.000000E+00
2817	364.647	-63.5593	0.000000E+00
2818	364.991	-60.0746	0.000000E+00
2819	365.072	-58.4016	0.000000E+00
2820	367.958	-69.6527	0.000000E+00
2821	367.995	-68.9035	0.000000E+00
2822	368.477	-58.5648	0.000000E+00
2823	368.513	-57.8157	0.000000E+00
2824	368.993	-68.9520	0.000000E+00
2825	369.070	-67.2756	0.000000E+00
2826	369.400	-63.7887	0.000000E+00
2827	367.069	-63.6794	0.000000E+00
2828	367.400	-60.1910	0.000000E+00
2829	367.478	-58.5163	0.000000E+00
2830	370.378	-69.7642	0.000000E+00
2831	370.412	-69.0149	0.000000E+00
2832	370.880	-58.6755	0.000000E+00
2833	370.914	-57.9263	0.000000E+00
2834	369.379	-69.7189	0.000000E+00
2835	369.413	-68.9697	0.000000E+00
2836	369.322	-67.2888	0.000000E+00
2837	369.481	-63.7924	-0.489053E-13
2838	369.806	-60.3035	0.000000E+00
2839	369.881	-58.6303	0.000000E+00
2840	372.822	-69.8728	0.000000E+00
2841	372.856	-69.1236	0.000000E+00
2842	373.305	-58.7834	0.000000E+00
2843	373.339	-58.0341	0.000000E+00
2844	373.855	-69.1688	0.000000E+00
2845	373.926	-67.4925	0.000000E+00
2846	374.245	-64.0043	0.000000E+00
2847	371.914	-63.9025	0.000000E+00
2848	372.233	-60.4134	0.000000E+00
2849	372.306	-58.7381	0.000000E+00
2850	375.250	-69.9769	0.000000E+00
2851	375.282	-69.2276	0.000000E+00
2852	375.716	-58.8867	0.000000E+00
2853	375.748	-58.1374	0.000000E+00
2854	374.251	-69.9349	0.000000E+00
2855	374.282	-69.1855	0.000000E+00
2856	374.186	-67.5049	0.000000E+00
2857	374.333	-64.0080	0.000000E+00
2858	374.647	-60.5181	0.000000E+00
2859	374.717	-58.8447	0.000000E+00
2860	377.686	-70.0774	0.000000E+00
2861	377.718	-69.3280	0.000000E+00
2862	378.133	-58.9864	0.000000E+00
2863	378.165	-58.2370	0.000000E+00
2864	378.717	-69.3700	0.000000E+00
2865	378.783	-67.6938	0.000000E+00
2866	379.091	-64.2042	0.000000E+00
2867	376.760	-64.1100	0.000000E+00
2868	377.068	-60.6201	0.000000E+00
2869	377.134	-58.9444	0.000000E+00
2870	379.123	-70.1351	0.000000E+00
2871	379.152	-69.3857	0.000000E+00
2872	379.051	-67.7054	0.000000E+00
2873	379.187	-64.2080	0.000000E+00
2874	436.115	-61.8827	-2.50000
2875	484.495	-61.1859	-2.50000
2876	484.602	-64.6843	-2.50000
2877	484.602	-64.6843	-2.50000
2878	484.708	-68.1827	-2.50000
2879	532.827	-58.9300	-2.50000
2880	533.047	-62.4231	-2.50000
2881	533.047	-62.4231	-2.50000
2882	533.266	-65.9162	-2.50000
2883	581.072	-55.1143	-2.50000
2884	581.396	-58.6003	-2.50000
2885	581.396	-58.6003	-2.50000
2886	581.721	-62.0863	-2.50000
2887	614.484	-51.5575	-2.50000

2888	614.904	-55.0322	-2.50000
2889	614.904	-55.0322	-2.50000
2890	615.324	-58.5069	-2.50000
2891	305.273	-62.9707	-2.50000
2892	305.583	-59.4844	-2.50000
2893	305.583	-59.4844	-2.50000
2894	305.893	-55.9981	-2.50000
2895	338.950	-65.5825	-2.50000
2896	339.182	-62.0901	-2.50000
2897	339.182	-62.0901	-2.50000
2898	339.413	-58.5978	-2.50000
2899	387.500	-68.0156	-2.50000
2900	387.619	-64.5177	-2.50000
2901	387.619	-64.5177	-2.50000
2902	387.737	-61.0197	-2.50000
2903	436.103	-68.8827	-2.50000
2904	436.109	-65.3827	-2.50000
2905	436.109	-65.3827	-2.50000
2906	437.115	-61.8844	-2.50000
2907	436.117	-60.8827	-2.50000
2908	485.494	-61.1554	-2.50000
2909	484.464	-60.1864	-2.50000
2910	485.601	-64.6538	-2.50000
2911	484.571	-63.6847	-2.50000
2912	485.708	-68.1521	-2.50000
2913	484.678	-67.1831	-2.50000
2914	533.825	-58.8673	-2.50000
2915	532.765	-57.9320	-2.50000
2916	534.045	-62.3604	-2.50000
2917	532.984	-61.4251	-2.50000
2918	534.264	-65.8535	-2.50000
2919	533.204	-64.9182	-2.50000
2920	582.068	-55.0217	-2.50000
2921	580.980	-54.1186	-2.50000
2922	582.392	-58.5077	-2.50000
2923	581.304	-57.6046	-2.50000
2924	582.716	-61.9937	-2.50000
2925	581.628	-61.0906	-2.50000
2926	615.477	-51.4380	-2.50000
2927	614.364	-50.5647	-2.50000
2928	615.897	-54.9127	-2.50000
2929	614.784	-54.0394	-2.50000
2930	616.317	-58.3874	-2.50000
2931	615.204	-57.5141	-2.50000
2932	306.269	-63.0597	-2.50000
2933	305.362	-61.9747	-2.50000
2934	306.579	-59.5734	-2.50000
2935	305.672	-58.4884	-2.50000
2936	306.889	-56.0871	-2.50000
2937	305.982	-55.0021	-2.50000
2938	339.948	-65.6486	-2.50000
2939	339.016	-64.5847	-2.50000
2940	340.179	-62.1563	-2.50000
2941	339.248	-61.0923	-2.50000
2942	340.411	-58.6640	-2.50000
2943	339.479	-57.6000	-2.50000
2944	388.499	-68.0496	-2.50000
2945	387.534	-67.0162	-2.50000
2946	388.618	-64.5516	-2.50000
2947	387.653	-63.5182	-2.50000
2948	388.737	-61.0536	-2.50000
2949	387.771	-60.0203	-2.50000
2950	305.494	-60.4805	0.277556E-16
2951	306.579	-59.5729	0.390446E-13
2952	310.294	-60.8991	0.277556E-16
2953	311.376	-59.9880	-0.724483E-14
2954	315.094	-61.3023	0.277556E-16
2955	316.173	-60.3878	-0.928566E-13
2956	319.896	-61.6902	0.277556E-16
2957	320.972	-60.7722	0.224567E-13
2958	324.699	-62.0627	0.277556E-16
2959	325.772	-61.1413	0.277556E-16
2960	329.504	-62.4198	0.277556E-16
2961	330.574	-61.4950	-0.324432E-13
2962	334.309	-62.7616	0.277556E-16
2963	335.376	-61.8333	-0.399272E-13
2964	339.115	-63.0880	0.277556E-16
2965	340.179	-62.1563	0.989797E-14
2966	343.959	-63.4011	0.277556E-16
2967	345.019	-62.4660	0.147837E-13
2968	348.803	-63.6987	0.277556E-16
2969	349.861	-62.7602	-0.630785E-13
2970	353.648	-63.9807	0.277556E-16
2971	354.703	-63.0388	-0.813641E-13
2972	358.494	-64.2471	0.277556E-16
2973	359.545	-63.3018	0.620901E-13
2974	363.340	-64.4978	0.277556E-16
2975	364.389	-63.5491	-0.471414E-13
2976	368.188	-64.7329	0.277556E-16
2977	369.234	-63.7809	-0.110872E-12
2978	373.036	-64.9524	0.277556E-16
2979	374.079	-63.9970	0.565072E-13
2980	377.885	-65.1563	0.277556E-16
2981	378.925	-64.1975	-0.412704E-13
2982	382.735	-65.3445	0.277556E-16
2983	383.771	-64.3824	0.610579E-13
2984	387.585	-65.5171	0.277556E-16
2985	388.618	-64.5516	-0.991195E-13
2986	392.435	-65.6740	0.277556E-16
2987	393.466	-64.7052	-0.406318E-13
2988	397.287	-65.8154	0.277556E-16
2989	398.314	-64.8432	-0.106971E-12
2990	402.138	-65.9410	0.277556E-16
2991	403.162	-64.9656	-0.967166E-13
2992	406.990	-66.0511	0.277556E-16

2993	408.011	-65.0723	0.481620E-14
2994	411.842	-66.1454	0.277556E-16
2995	412.860	-65.1634	-0.555393E-13
2996	416.695	-66.2242	0.277556E-16
2997	417.710	-65.2389	-0.534870E-13
2998	421.548	-66.2873	0.277556E-16
2999	422.559	-65.2987	0.837015E-15
3000	426.401	-66.3347	0.277556E-16
3001	427.409	-65.3429	0.211646E-14
3002	431.254	-66.3665	0.277556E-16
3003	432.259	-65.3715	0.979810E-16
3004	436.107	-66.3827	0.277556E-16
3005	437.109	-65.3844	-0.170112E-12
3006	440.960	-66.3832	0.277556E-16
3007	441.959	-65.3817	-0.113894E-12
3008	445.814	-66.3681	0.277556E-16
3009	446.809	-65.3634	-0.579577E-13
3010	450.667	-66.3373	0.277556E-16
3011	451.659	-65.3294	-0.121560E-14
3012	455.520	-66.2909	0.277556E-16
3013	456.508	-65.2798	-0.766469E-15
3014	460.372	-66.2288	0.277556E-16
3015	461.358	-65.2145	-0.508864E-14
3016	465.225	-66.1511	0.277556E-16
3017	466.207	-65.1336	-0.630685E-13
3018	470.077	-66.0577	0.277556E-16
3019	471.056	-65.0371	-0.639138E-13
3020	474.929	-65.9487	0.277556E-16
3021	475.905	-64.9250	0.558285E-13
3022	479.781	-65.8241	0.277556E-16
3023	480.753	-64.7972	-0.120211E-12
3024	484.632	-65.6838	0.277556E-16
3025	485.601	-64.6538	0.529417E-13
3026	489.483	-65.5279	0.277556E-16
3027	490.449	-64.4947	-0.130375E-12
3028	494.333	-65.3563	0.277556E-16
3029	495.295	-64.3201	-0.667565E-13
3030	499.183	-65.1691	0.277556E-16
3031	500.142	-64.1298	-0.653352E-13
3032	504.032	-64.9663	0.277556E-16
3033	504.987	-63.9238	-0.891588E-14
3034	508.880	-64.7478	0.277556E-16
3035	509.832	-63.7023	-0.124468E-12
3036	513.728	-64.5138	0.277556E-16
3037	514.677	-63.4652	-0.988890E-14
3038	518.574	-64.2640	0.277556E-16
3039	519.520	-63.2124	0.117325E-12
3040	523.420	-63.9987	0.277556E-16
3041	524.362	-62.9440	-0.183684E-13
3042	528.265	-63.7177	0.277556E-16
3043	529.204	-62.6600	-0.758238E-14
3044	533.110	-63.4211	0.277556E-16
3045	534.045	-62.3604	-0.275920E-12
3046	537.953	-63.1089	0.277556E-16
3047	538.885	-62.0452	0.919157E-13
3048	542.795	-62.7811	0.277556E-16
3049	543.723	-61.7144	0.126709E-12
3050	547.636	-62.4377	0.277556E-16
3051	548.561	-61.3680	-0.122617E-12
3052	552.476	-62.0787	0.277556E-16
3053	553.397	-61.0060	-0.150928E-12
3054	557.315	-61.7041	0.277556E-16
3055	558.233	-60.6284	-0.135702E-12
3056	562.152	-61.3138	0.277556E-16
3057	563.067	-60.2352	0.230715E-12
3058	566.988	-60.9080	0.277556E-16
3059	567.899	-59.8264	-0.235890E-13
3060	571.823	-60.4866	0.277556E-16
3061	572.731	-59.4021	0.222112E-12
3062	576.657	-60.0496	0.277556E-16
3063	577.561	-58.9622	-0.631381E-13
3064	581.491	-59.5958	0.277556E-16
3065	582.392	-58.5055	0.235138E-12
3066	586.285	-59.1451	0.277556E-16
3067	587.182	-58.0519	-0.124258E-12
3068	591.079	-58.6737	0.277556E-16
3069	591.973	-57.5776	-0.138249E-12
3070	595.872	-58.1828	0.277556E-16
3071	596.762	-57.0839	-0.151615E-12
3072	600.662	-57.6726	0.277556E-16
3073	601.549	-56.5708	-0.122041E-13
3074	605.451	-57.1429	0.277556E-16
3075	606.334	-56.0383	0.972731E-13
3076	610.237	-56.5938	0.277556E-16
3077	611.117	-55.4863	0.789672E-13
3078	615.021	-56.0253	0.277556E-16
3079	615.897	-54.9151	-0.340954E-13
3080	437.103	-68.8844	-2.50000
3081	436.105	-67.8827	-2.50000
3082	437.109	-65.3844	-2.50000
3083	436.111	-64.3827	-2.50000

TOTAL NUMBER OF NODES	=	3082
LARGEST NODE NUMBER	=	3083
DATA STORAGE LOCATIONS USED	=	21574

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

PROPERTY

BMI21 ELEMENTS

1	1ST NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733
		ASY =1.811	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733
		ASY =1.811	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 = 0.1342	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

2	1ST NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734
		ASY =1.915	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 = 0.1517	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

3	1ST NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	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 = 0.1555	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

4	1ST NODE	AREA =1.342	IYY =1.755	IZZ =1.200	KT =0.2728E-01	ASZ =1.789
		ASY =1.992	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =1.342	IYY =1.755	IZZ =1.200	KT =0.2728E-01	ASZ =1.789
		ASY =1.992	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 = 0.3716	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

5	1ST NODE	AREA =2.731	IYY =2.430	IZZ =5.905	KT =0.2700E-01	ASZ =1.733
		ASY =1.891	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.731	IYY =2.430	IZZ =5.905	KT =0.2700E-01	ASZ =1.733
		ASY =1.891	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 = 0.1478 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

GEOMETRIC PROPERTIES

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

BMI21 ELEMENTS

6 1ST NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
ASY =1.915 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
ASY =1.915 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 = 0.1555 MF2 = 1.000 MF3 = 1.000 MF4 = 1.000 MF5 = 1.000
MF6 = 1.000 MF7 = 1.000 MF8 = 1.000 MF9 = 1.000

GEOMETRIC PROPERTIES

el_soletta_code (soletta_code (RSS D=0.3 B=1.7))
PROPERTY

BMI21 ELEMENTS

7 1ST NODE AREA =0.5100 IYY =0.3825E-02 IZZ =0.1228 KT =0.1360E-01 ASZ =0.4253
ASY =0.4250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.5100 IYY =0.3825E-02 IZZ =0.1228 KT =0.1360E-01 ASZ =0.4253
ASY =0.4250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC PROPERTIES

el_soletta_estremi_chiusura (soletta_estremi (RSS D=0.3 B=0.1))
PROPERTY

BMI21 ELEMENTS

8 1ST NODE AREA =0.3000E-01 IYY =0.2250E-03 IZZ =0.2500E-04 KT =0.7900E-04 ASZ =0.2500E-01
ASY =0.2501E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.3000E-01 IYY =0.2250E-03 IZZ =0.2500E-04 KT =0.7900E-04 ASZ =0.2500E-01
ASY =0.2501E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC PROPERTIES

el_soletta_tipo (soletta_tipo (RSS D=0.3 B=2.4125))
PROPERTY

BMI21 ELEMENTS

9 1ST NODE AREA =0.7238 IYY =0.5428E-02 IZZ =0.3510 KT =0.2001E-01 ASZ =0.6036
ASY =0.6031 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.7238 IYY =0.5428E-02 IZZ =0.3510 KT =0.2001E-01 ASZ =0.6036
ASY =0.6031 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC PROPERTIES

tr_spina (Sct3 (I D=0.5 B=0.2 tf=0.02 tw=0.015 r=0))
PROPERTY

BMI21 ELEMENTS

10 1ST NODE AREA =0.1490E-01 IYY =0.5827E-03 IZZ =0.2680E-04 KT =0.1567E-05 ASZ =0.7035E-02
ASY =0.6845E-02 EZ =0.2500 EY =0.0000E+00 IYZ =0.0000E+00
2ND NODE AREA =0.1490E-01 IYY =0.5827E-03 IZZ =0.2680E-04 KT =0.1567E-05 ASZ =0.7035E-02
ASY =0.6845E-02 EZ =0.2500 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC PROPERTIES

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	=0.0000E+00	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	=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

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	=0.0000E+00	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	=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

13	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

joints
PROPERTY

JSH4 ELEMENTS
14 ECCENTRICITY = 0.0000E+00
DATA STORAGE LOCATIONS USED = 1004

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	0	0	1	1
2	0	0	10	18
3	4	1	1	1
5	0	0	10	18
6	7	1	1	1
8	0	0	10	18
9	10	1	1	1
11	0	0	10	18
12	0	0	1	1
13	0	0	5	11
14	0	0	10	18
15	16	1	5	11
17	0	0	10	18
18	19	1	5	11
20	0	0	10	18
21	22	1	5	11
23	0	0	10	18
24	25	1	5	11
26	0	0	10	18
27	0	0	5	11
28	0	0	6	13
29	0	0	10	18
30	31	1	6	13
32	0	0	10	18
33	34	1	6	13
35	0	0	10	18
36	37	1	6	13
38	0	0	10	18
39	40	1	6	13
41	0	0	10	18
42	0	0	6	13
43	0	0	4	10
44	0	0	10	18
45	46	1	4	10
47	0	0	10	18
48	49	1	4	10
50	0	0	10	18
51	52	1	4	10
53	0	0	10	18
54	55	1	4	10
56	0	0	10	18

57	58	1	4	10
59	0	0	10	18
60	0	0	4	10
61	0	0	3	7
62	0	0	10	18
63	64	1	3	7
65	0	0	10	18
66	67	1	3	7
68	0	0	10	18
69	70	1	3	7
71	0	0	10	18
72	73	1	3	7
74	0	0	10	18
75	76	1	3	7
77	0	0	10	18
78	0	0	3	7
79	0	0	2	3
80	0	0	10	18
81	82	1	2	3
83	0	0	10	18
84	85	1	2	3
86	0	0	10	18
87	88	1	2	3
89	0	0	10	18
90	91	1	2	3
92	0	0	10	18
93	94	1	2	3
95	0	0	10	18
96	0	0	2	3
97	0	0	3	7
98	0	0	10	18
99	100	1	3	7
101	0	0	10	18
102	103	1	3	7
104	0	0	10	18
105	106	1	3	7
107	0	0	10	18
108	109	1	3	7
110	0	0	10	18
111	112	1	3	7
113	0	0	10	18
114	0	0	3	7
115	0	0	4	10
116	0	0	10	18
117	118	1	4	10
119	0	0	10	18
120	121	1	4	10
122	0	0	10	18
123	124	1	4	10
125	0	0	10	18
126	127	1	4	10
128	0	0	10	18
129	130	1	4	10
131	0	0	10	18
132	0	0	4	10
133	0	0	3	7
134	0	0	10	18
135	136	1	3	7
137	0	0	10	18
138	139	1	3	7
140	0	0	10	18
141	142	1	3	7
143	0	0	10	18
144	145	1	3	7
146	0	0	10	18
147	148	1	3	7
149	0	0	10	18
150	0	0	3	7
151	0	0	2	3
152	0	0	10	18
153	154	1	2	3
155	0	0	10	18
156	157	1	2	3
158	0	0	10	18
159	160	1	2	3
161	0	0	10	18
162	163	1	2	3
164	0	0	10	18
165	166	1	2	3
167	0	0	10	18
168	169	1	2	3
170	0	0	10	18
171	172	1	2	3
173	0	0	10	18
174	0	0	2	3
175	0	0	3	7
176	0	0	10	18
177	178	1	3	7
179	0	0	10	18
180	181	1	3	7
182	0	0	10	18
183	184	1	3	7
185	0	0	10	18
186	187	1	3	7
188	0	0	10	18
189	190	1	3	7
191	0	0	10	18
192	0	0	3	7
193	0	0	4	10
194	0	0	10	18
195	196	1	4	10
197	0	0	10	18
198	199	1	4	10
200	0	0	10	18
201	202	1	4	10

203	0	0	10	18
204	205	1	4	10
206	0	0	10	18
207	208	1	4	10
209	0	0	10	18
210	0	0	4	10
211	0	0	3	7
212	0	0	10	18
213	214	1	3	7
215	0	0	10	18
216	217	1	3	7
218	0	0	10	18
219	220	1	3	7
221	0	0	10	18
222	223	1	3	7
224	0	0	10	18
225	226	1	3	7
227	0	0	10	18
228	0	0	3	7
229	0	0	2	3
230	0	0	10	18
231	232	1	2	3
233	0	0	10	18
234	235	1	2	3
236	0	0	10	18
237	238	1	2	3
239	0	0	10	18
240	241	1	2	3
242	0	0	10	18
243	244	1	2	3
245	0	0	10	18
246	0	0	2	3
247	0	0	3	7
248	0	0	10	18
249	250	1	3	7
251	0	0	10	18
252	253	1	3	7
254	0	0	10	18
255	256	1	3	7
257	0	0	10	18
258	259	1	3	7
260	0	0	10	18
261	262	1	3	7
263	0	0	10	18
264	0	0	3	7
265	0	0	4	10
266	0	0	10	18
267	268	1	4	10
269	0	0	10	18
270	271	1	4	10
272	0	0	10	18
273	274	1	4	10
275	0	0	10	18
276	277	1	4	10
278	0	0	10	18
279	280	1	4	10
281	0	0	10	18
282	0	0	4	10
283	0	0	3	7
284	0	0	10	18
285	286	1	3	7
287	0	0	10	18
288	289	1	3	7
290	0	0	10	18
291	292	1	3	7
293	0	0	10	18
294	295	1	3	7
296	0	0	10	18
297	298	1	3	7
299	0	0	10	18
300	0	0	3	7
301	0	0	2	3
302	0	0	10	18
303	304	1	2	3
305	0	0	10	18
306	307	1	2	3
308	0	0	10	18
309	310	1	2	3
311	0	0	10	18
312	313	1	2	3
314	0	0	10	18
315	316	1	2	3
317	0	0	10	18
318	0	0	2	3
319	0	0	3	7
320	0	0	10	18
321	322	1	3	7
323	0	0	10	18
324	325	1	3	7
326	0	0	10	18
327	328	1	3	7
329	0	0	10	18
330	331	1	3	7
332	0	0	10	18
333	334	1	3	7
335	0	0	10	18
336	0	0	3	7
337	0	0	4	10
338	0	0	10	18
339	340	1	4	10
341	0	0	10	18
342	343	1	4	10
344	0	0	10	18
345	346	1	4	10
347	0	0	10	18

348	349	1	4	10
350	0	0	10	18
351	352	1	4	10
353	0	0	10	18
354	0	0	4	10
355	0	0	3	7
356	0	0	10	18
357	358	1	3	7
359	0	0	10	18
360	361	1	3	7
362	0	0	10	18
363	364	1	3	7
365	0	0	10	18
366	367	1	3	7
368	0	0	10	18
369	370	1	3	7
371	0	0	10	18
372	0	0	3	7
373	0	0	2	3
374	0	0	10	18
375	376	1	2	3
377	0	0	10	18
378	379	1	2	3
380	0	0	10	18
381	382	1	2	3
383	0	0	10	18
384	385	1	2	3
386	0	0	10	18
387	388	1	2	3
389	0	0	10	18
390	0	0	2	3
391	0	0	3	7
392	0	0	10	18
393	394	1	3	7
395	0	0	10	18
396	397	1	3	7
398	0	0	10	18
399	400	1	3	7
401	0	0	10	18
402	403	1	3	7
404	0	0	10	18
405	406	1	3	7
407	0	0	10	18
408	0	0	3	7
409	0	0	4	10
410	0	0	10	18
411	412	1	4	10
413	0	0	10	18
414	415	1	4	10
416	0	0	10	18
417	418	1	4	10
419	0	0	10	18
420	421	1	4	10
422	0	0	10	18
423	424	1	4	10
425	0	0	10	18
426	0	0	4	10
427	0	0	6	13
428	0	0	10	18
429	430	1	6	13
431	0	0	10	18
432	433	1	6	13
434	0	0	10	18
435	436	1	6	13
437	0	0	10	18
438	439	1	6	13
440	0	0	10	18
441	0	0	6	13
442	0	0	5	11
443	0	0	10	18
444	445	1	5	11
446	0	0	10	18
447	448	1	5	11
449	0	0	10	18
450	451	1	5	11
452	0	0	10	18
453	454	1	5	11
455	0	0	10	18
456	457	1	5	11
458	0	0	10	18
459	0	0	5	11
460	0	0	1	1
461	0	0	10	18
462	463	1	1	1
464	0	0	10	18
465	466	1	1	1
467	0	0	10	18
468	469	1	1	1
470	0	0	10	18
471	0	0	1	1
472	487	1	9	17
488	0	0	13	32
489	490	1	9	17
491	0	0	13	32
492	609	1	9	17
610	0	0	13	32
611	612	1	9	17
613	0	0	13	32
614	731	1	9	17
732	0	0	13	32
733	734	1	9	17
735	0	0	13	32
736	853	1	9	17
854	0	0	13	32
855	856	1	9	17

857	0	0	13	32
858	975	1	9	17
976	0	0	13	32
977	978	1	9	17
979	0	0	13	32
980	1059	1	9	17
1060	1061	1	7	15
1062	0	0	13	32
1063	0	0	7	15
1064	1065	1	8	16
1066	0	0	7	15
1067	0	0	8	16
1068	0	0	13	32
1069	1070	1	7	15
1071	1073	1	8	16
1074	1075	1	11	27
1076	1087	1	12	28
1088	1089	1	11	27
1090	1107	1	12	28
1108	1109	1	11	27
1110	1127	1	12	28
1128	1129	1	11	27
1130	1147	1	12	28
1148	1149	1	11	27
1150	1167	1	12	28
1168	1169	1	11	27
1170	1187	1	12	28
1188	1189	1	11	27
1190	1201	1	12	28
1202	1203	1	11	27
1204	1398	1	13	32
1399	1401	1	8	16
1402	0	0	7	15
1403	0	0	8	16
1404	0	0	7	15
1405	0	0	13	32
1406	0	0	8	16
1407	0	0	7	15
1408	0	0	8	16
1409	0	0	7	15
1410	0	0	13	32
1411	1412	1	7	15
1413	1492	1	9	17
1493	0	0	13	32
1494	1495	1	9	17
1496	0	0	13	32
1497	1598	1	9	17
1599	1687	1	14	4

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 404
TOTAL NUMBER OF ELEMENTS = 1687
LARGEST ELEMENT NUMBER = 1687
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 14
DATA STORAGE LOCATIONS USED = 5061

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

MATERIAL

svincoli spina
5 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 0.0000E+00 KTY = 0.0000E+00 KTZ = 0.0000E+00

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

MATERIAL

Incastro
6 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
7 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

8 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 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_massa (elastic)
 2 E = 0.2100E+12 NU = 0.3000 RHO = 7850. 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_el_sol (elastic)
 4 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 = 414

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 SM EARED 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	0	0	1	0	0	0	0	17	0	0
0	0	2	0	0	2	0	0	0	0	8	0	0
0	0	3	0	4	1	1	0	0	0	17	0	0
0	0	5	0	0	2	0	0	0	0	8	0	0
0	0	6	0	7	1	1	0	0	0	17	0	0
0	0	8	0	0	2	0	0	0	0	8	0	0
0	0	9	0	10	1	1	0	0	0	17	0	0
0	0	11	0	0	2	0	0	0	0	8	0	0
0	0	12	0	13	1	1	0	0	0	17	0	0
0	0	14	0	0	2	0	0	0	0	8	0	0
0	0	15	0	16	1	1	0	0	0	17	0	0
0	0	17	0	0	2	0	0	0	0	8	0	0
0	0	18	0	19	1	1	0	0	0	17	0	0
0	0	20	0	0	2	0	0	0	0	8	0	0
0	0	21	0	22	1	1	0	0	0	17	0	0
0	0	23	0	0	2	0	0	0	0	8	0	0
0	0	24	0	25	1	1	0	0	0	17	0	0

0	0	182	0	0	2	0	0	0	0	8	0	0
0	0	183	0	184	1	1	0	0	0	17	0	0
0	0	185	0	0	0	2	0	0	0	8	0	0
0	0	186	0	187	1	1	0	0	0	17	0	0
0	0	188	0	0	0	2	0	0	0	8	0	0
0	0	189	0	190	1	1	0	0	0	17	0	0
0	0	191	0	0	0	2	0	0	0	8	0	0
0	0	192	0	193	1	1	0	0	0	17	0	0
0	0	194	0	0	0	2	0	0	0	8	0	0
0	0	195	0	196	1	1	0	0	0	17	0	0
0	0	197	0	0	0	2	0	0	0	8	0	0
0	0	198	0	199	1	1	0	0	0	17	0	0
0	0	200	0	0	0	2	0	0	0	8	0	0
0	0	201	0	202	1	1	0	0	0	17	0	0
0	0	203	0	0	0	2	0	0	0	8	0	0
0	0	204	0	205	1	1	0	0	0	17	0	0
0	0	206	0	0	0	2	0	0	0	8	0	0
0	0	207	0	208	1	1	0	0	0	17	0	0
0	0	209	0	0	0	2	0	0	0	8	0	0
0	0	210	0	211	1	1	0	0	0	17	0	0
0	0	212	0	0	0	2	0	0	0	8	0	0
0	0	213	0	214	1	1	0	0	0	17	0	0
0	0	215	0	0	0	2	0	0	0	8	0	0
0	0	216	0	217	1	1	0	0	0	17	0	0
0	0	218	0	0	0	2	0	0	0	8	0	0
0	0	219	0	220	1	1	0	0	0	17	0	0
0	0	221	0	0	0	2	0	0	0	8	0	0
0	0	222	0	223	1	1	0	0	0	17	0	0
0	0	224	0	0	0	2	0	0	0	8	0	0
0	0	225	0	226	1	1	0	0	0	17	0	0
0	0	227	0	0	0	2	0	0	0	8	0	0
0	0	228	0	229	1	1	0	0	0	17	0	0
0	0	230	0	0	0	2	0	0	0	8	0	0
0	0	231	0	232	1	1	0	0	0	17	0	0
0	0	233	0	0	0	2	0	0	0	8	0	0
0	0	234	0	235	1	1	0	0	0	17	0	0
0	0	236	0	0	0	2	0	0	0	8	0	0
0	0	237	0	238	1	1	0	0	0	17	0	0
0	0	239	0	0	0	2	0	0	0	8	0	0
0	0	240	0	241	1	1	0	0	0	17	0	0
0	0	242	0	0	0	2	0	0	0	8	0	0
0	0	243	0	244	1	1	0	0	0	17	0	0
0	0	245	0	0	0	2	0	0	0	8	0	0
0	0	246	0	247	1	1	0	0	0	17	0	0
0	0	248	0	0	0	2	0	0	0	8	0	0
0	0	249	0	250	1	1	0	0	0	17	0	0
0	0	251	0	0	0	2	0	0	0	8	0	0
0	0	252	0	253	1	1	0	0	0	17	0	0
0	0	254	0	0	0	2	0	0	0	8	0	0
0	0	255	0	256	1	1	0	0	0	17	0	0
0	0	257	0	0	0	2	0	0	0	8	0	0
0	0	258	0	259	1	1	0	0	0	17	0	0

0	0	416	0	0	2	0	0	0	0	8	0	0
0	0	417	0	418	1	1	0	0	0	17	0	0
0	0	419	0	0	0	2	0	0	0	8	0	0
0	0	420	0	421	1	1	0	0	0	17	0	0
0	0	422	0	0	0	2	0	0	0	8	0	0
0	0	423	0	424	1	1	0	0	0	17	0	0
0	0	425	0	0	0	2	0	0	0	8	0	0
0	0	426	0	427	1	1	0	0	0	17	0	0
0	0	428	0	0	0	2	0	0	0	8	0	0
0	0	429	0	430	1	1	0	0	0	17	0	0
0	0	431	0	0	0	2	0	0	0	8	0	0
0	0	432	0	433	1	1	0	0	0	17	0	0
0	0	434	0	0	0	2	0	0	0	8	0	0
0	0	435	0	436	1	1	0	0	0	17	0	0
0	0	437	0	0	0	2	0	0	0	8	0	0
0	0	438	0	439	1	1	0	0	0	17	0	0
0	0	440	0	0	0	2	0	0	0	8	0	0
0	0	441	0	442	1	1	0	0	0	17	0	0
0	0	443	0	0	0	2	0	0	0	8	0	0
0	0	444	0	445	1	1	0	0	0	17	0	0
0	0	446	0	0	0	2	0	0	0	8	0	0
0	0	447	0	448	1	1	0	0	0	17	0	0
0	0	449	0	0	0	2	0	0	0	8	0	0
0	0	450	0	451	1	1	0	0	0	17	0	0
0	0	452	0	0	0	2	0	0	0	8	0	0
0	0	453	0	454	1	1	0	0	0	17	0	0
0	0	455	0	0	0	2	0	0	0	8	0	0
0	0	456	0	457	1	1	0	0	0	17	0	0
0	0	458	0	0	0	2	0	0	0	8	0	0
0	0	459	0	460	1	1	0	0	0	17	0	0
0	0	461	0	0	0	2	0	0	0	8	0	0
0	0	462	0	463	1	1	0	0	0	17	0	0
0	0	464	0	0	0	2	0	0	0	8	0	0
0	0	465	0	466	1	1	0	0	0	17	0	0
0	0	467	0	0	0	2	0	0	0	8	0	0
0	0	468	0	469	1	1	0	0	0	17	0	0
0	0	470	0	0	0	2	0	0	0	8	0	0
0	0	471	0	0	0	1	0	0	0	17	0	0
0	0	472	0	487	1	4	0	0	0	28	0	0
0	0	488	0	0	0	3	0	0	0	12	0	0
0	0	489	0	490	1	4	0	0	0	28	0	0
0	0	491	0	0	0	3	0	0	0	12	0	0
0	0	492	0	609	1	4	0	0	0	28	0	0
0	0	610	0	0	0	3	0	0	0	12	0	0
0	0	611	0	612	1	4	0	0	0	28	0	0
0	0	613	0	0	0	3	0	0	0	12	0	0
0	0	614	0	731	1	4	0	0	0	28	0	0
0	0	732	0	0	0	3	0	0	0	12	0	0
0	0	733	0	734	1	4	0	0	0	28	0	0
0	0	735	0	0	0	3	0	0	0	12	0	0
0	0	736	0	853	1	4	0	0	0	28	0	0
0	0	854	0	0	0	3	0	0	0	12	0	0

0	0	855	0	856	1	4	0	0	0	0	28	0	0
0	0	857	0	0	0	3	0	0	0	0	12	0	0
0	0	858	0	975	1	4	0	0	0	0	28	0	0
0	0	976	0	0	0	3	0	0	0	0	12	0	0
0	0	977	0	978	1	4	0	0	0	0	28	0	0
0	0	979	0	0	0	3	0	0	0	0	12	0	0
0	0	980	0	1061	1	4	0	0	0	0	28	0	0
0	0	1062	0	0	0	3	0	0	0	0	12	0	0
0	0	1063	0	1067	1	4	0	0	0	0	28	0	0
0	0	1068	0	0	0	3	0	0	0	0	12	0	0
0	0	1069	0	1073	1	4	0	0	0	0	28	0	0
0	0	1074	0	1203	1	2	0	0	0	0	8	0	0
0	0	1204	0	1398	1	3	0	0	0	0	12	0	0
0	0	1399	0	1404	1	4	0	0	0	0	28	0	0
0	0	1405	0	0	0	3	0	0	0	0	12	0	0
0	0	1406	0	1409	1	4	0	0	0	0	28	0	0
0	0	1410	0	0	0	3	0	0	0	0	12	0	0
0	0	1411	0	1492	1	4	0	0	0	0	28	0	0
0	0	1493	0	0	0	3	0	0	0	0	12	0	0
0	0	1494	0	1495	1	4	0	0	0	0	28	0	0
0	0	1496	0	0	0	3	0	0	0	0	12	0	0
0	0	1497	0	1598	1	4	0	0	0	0	28	0	0
0	0	1599	0	1600	1	7	0	0	0	0	10	0	0
0	0	1601	0	0	0	6	0	0	0	0	7	0	0
0	0	1602	0	1603	1	7	0	0	0	0	10	0	0
0	0	1604	0	0	0	6	0	0	0	0	7	0	0
0	0	1605	0	1606	1	7	0	0	0	0	10	0	0
0	0	1607	0	0	0	6	0	0	0	0	7	0	0
0	0	1608	0	0	0	7	0	0	0	0	10	0	0
0	0	1609	0	0	0	8	0	0	0	0	20	0	0
0	0	1610	0	0	0	6	0	0	0	0	7	0	0
0	0	1611	0	1612	1	8	0	0	0	0	20	0	0
0	0	1613	0	0	0	6	0	0	0	0	7	0	0
0	0	1614	0	0	0	8	0	0	0	0	20	0	0
0	0	1615	0	0	0	7	0	0	0	0	10	0	0
0	0	1616	0	0	0	6	0	0	0	0	7	0	0
0	0	1617	0	1618	1	7	0	0	0	0	10	0	0
0	0	1619	0	0	0	6	0	0	0	0	7	0	0
0	0	1620	0	0	0	7	0	0	0	0	10	0	0
0	0	1621	0	1685	1	5	0	0	0	0	3	0	0
0	0	1686	0	0	0	7	0	0	0	0	10	0	0
0	0	1687	0	0	0	6	0	0	0	0	7	0	0

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 371

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

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
2891	0	0	THX	1.00000
2892	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
2891	0	0	THY	1.00000
2892	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
2891	0	0	THZ	1.00000
2892	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
2892	0	0	THX	-1.00000
2894	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
2892	0	0	THY	-1.00000
2894	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
2892	0	0	THZ	-1.00000
2894	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
2891	0	0	U	0.286839
2892	0	0	U	-0.286839
2892	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2891	0	0	V	1.00000
2892	0	0	V	-1.00000
2892	0	0	THZ	0.309688

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	U	-0.286839
2892	0	0	THZ	1.00000
2894	0	0	U	0.286839

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	V	-1.00000
2892	0	0	THZ	-0.309688
2894	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2891	0	0	W	0.286839
2892	0	0	W	-0.286839
2892	0	0	THX	1.00000
2892	0	0	THY	-0.888306E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	W	-0.286839
2892	0	0	THX	-1.00000
2892	0	0	THY	0.888306E-01
2894	0	0	W	0.286839

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	THX	1.00000
2896	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
2895	0	0	THY	1.00000
2896	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
2895	0	0	THZ	1.00000
2896	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
2896	0	0	THX	-1.00000
2898	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
2896	0	0	THY	-1.00000
2898	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
2896	0	0	THZ	-1.00000
2898	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
2895	0	0	U	0.286342
2896	0	0	U	-0.286342
2896	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	V	1.00000
2896	0	0	V	-1.00000
2896	0	0	THZ	0.231536

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	U	-0.286342
2896	0	0	THZ	1.00000
2898	0	0	U	0.286342

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	V	-1.00000
2896	0	0	THZ	-0.231536
2898	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	W	0.286342
2896	0	0	W	-0.286342
2896	0	0	THX	1.00000
2896	0	0	THY	-0.662983E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	W	-0.286342
2896	0	0	THX	-1.00000
2896	0	0	THY	0.662983E-01
2898	0	0	W	0.286342

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THX	1.00000
2900	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THY	1.00000
2900	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THZ	1.00000
2900	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THX	-1.00000
2902	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THY	-1.00000
2902	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THZ	-1.00000
2902	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	U	0.285879
2900	0	0	U	-0.285879
2900	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	V	1.00000
2900	0	0	V	-1.00000
2900	0	0	THZ	0.118827

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	U	-0.285879
2900	0	0	THZ	1.00000
2902	0	0	U	0.285879

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	V	-1.00000
2900	0	0	THZ	-0.118827
2902	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	W	0.285879
2900	0	0	W	-0.285879
2900	0	0	THX	1.00000
2900	0	0	THY	-0.339703E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	W	-0.285879
2900	0	0	THX	-1.00000
2900	0	0	THY	0.339703E-01
2902	0	0	W	0.285879

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	U	0.285715
2905	0	0	U	-0.285715
2905	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	V	1.00000
2905	0	0	V	-1.00000
2905	0	0	THZ	-0.601290E-02

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	U	0.285715
2905	0	0	U	-0.285715
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	V	1.00000
2905	0	0	V	-1.00000
2905	0	0	THZ	0.601290E-02

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	W	0.285715
2905	0	0	W	-0.285715
2905	0	0	THX	-1.00000
2905	0	0	THY	0.171797E-02

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	W	0.285715
2905	0	0	W	-0.285715
2905	0	0	THX	1.00000
2905	0	0	THY	-0.171797E-02

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THX	1.00000
2877	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THY	1.00000
2877	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THZ	1.00000
2877	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THX	-1.00000
2878	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THY	-1.00000
2878	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THZ	-1.00000
2878	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	U	0.285847
2877	0	0	U	-0.285847
2877	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	V	1.00000
2877	0	0	V	-1.00000
2877	0	0	THZ	0.106808

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	U	-0.285847
2877	0	0	THZ	-1.00000
2878	0	0	U	0.285847

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	V	-1.00000
2877	0	0	THZ	-0.106808
2878	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	W	0.285847
2877	0	0	W	-0.285847
2877	0	0	THX	-1.00000
2877	0	0	THY	-0.305307E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	W	-0.285847
2877	0	0	THX	1.00000
2877	0	0	THY	0.305307E-01
2878	0	0	W	0.285847

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THX	1.00000
2881	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THY	1.00000
2881	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THZ	1.00000
2881	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	THX	-1.00000
2882	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	THY	-1.00000
2882	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	THZ	-1.00000
2882	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	U	0.286278
2881	0	0	U	-0.286278
2881	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	V	1.00000
2881	0	0	V	-1.00000
2881	0	0	THZ	0.219518

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	U	-0.286278
2881	0	0	THZ	-1.00000
2882	0	0	U	0.286278

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	V	-1.00000
2881	0	0	THZ	-0.219518
2882	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	W	0.286278
2881	0	0	W	-0.286278
2881	0	0	THX	-1.00000
2881	0	0	THY	-0.628430E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	W	-0.286278
2881	0	0	THX	1.00000
2881	0	0	THY	0.628430E-01
2882	0	0	W	0.286278

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THX	1.00000
2884	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THY	1.00000
2884	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THZ	1.00000
2884	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THX	-1.00000
2886	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2884 0 0 THY -1.00000
2886 0 0 THY 1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THZ	-1.00000
2886	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	U	0.286863
2884	0	0	U	-0.286863
2884	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	V	1.00000
2884	0	0	V	-1.00000
2884	0	0	THZ	0.324168

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	U	-0.286863
2884	0	0	THZ	-1.00000
2886	0	0	U	0.286863

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	V	-1.00000
2884	0	0	THZ	-0.324168
2886	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	W	0.286863
2884	0	0	W	-0.286863
2884	0	0	THX	-1.00000
2884	0	0	THY	-0.929918E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	W	-0.286863
2884	0	0	THX	1.00000
2884	0	0	THY	0.929918E-01
2886	0	0	W	0.286863

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THX	1.00000
2889	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THY	1.00000
2889	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THZ	1.00000
2889	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THX	-1.00000
2890	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THY	-1.00000
2890	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THZ	-1.00000
2890	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	U	0.287794
2889	0	0	U	-0.287794
2889	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	V	1.00000
2889	0	0	V	-1.00000
2889	0	0	THZ	0.420058

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	U	-0.287794
2889	0	0	THZ	-1.00000
2890	0	0	U	0.287794

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	V	-1.00000
2889	0	0	THZ	-0.420058
2890	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	W	0.287794
2889	0	0	W	-0.287794
2889	0	0	THX	-1.00000
2889	0	0	THY	-0.120890

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	W	-0.287794
2889	0	0	THX	1.00000
2889	0	0	THY	0.120890
2890	0	0	W	0.287794

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 96
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
 LARGEST NODE NUMBER ENCOUNTERED = 2905
 DATA STORAGE LOCATIONS USED = 899

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

433	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
435	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
436	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
438	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
439	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
441	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
442	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
444	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
445	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
447	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
448	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
450	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
451	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
453	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
454	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
456	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
457	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
459	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
460	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
462	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
463	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
465	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
466	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
468	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
469	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
471	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 = 314
LARGEST NODE OR ELEMENT NUMBER = 471

DATA STORAGE LOCATIONS USED = 30169

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	1687	1	0	0	0	0	0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1687
LARGEST ELEMENT NUMBER INPUT = 1687
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	1951	1	0	0
1953	3083	1	0	0

TOTAL NUMBER OF NODE OUTPUT SETS = 2
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 3083
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 = 1687
TOTAL NUMBER OF CONSTRAINTS = 96
TOTAL NUMBER OF NODES = 3082
TOTAL NUMBER OF SUPPORT NODES = 8
TOTAL NUMBER OF LOADING CASES = 5

LOCATIONS USED DURING DATA PROCESSING = 157355844
LOCATIONS AVAILABLE = 196608000

TIME USED TO PROCESS INPUT DATA = 0.37100 SEC.

TIME AT CENTRAL PROCESSOR = 17:47:48 ON 23/06/23 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1687
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 2282 AND 5 FOR ELEMENT NUMBER 1621 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.9608E-05 (BMTJNT PROCESSOR)

WARNING NODES 2298 AND 18 FOR ELEMENT NUMBER 1622 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1683E-05 (BMTJNT PROCESSOR)

WARNING NODES 2300 AND 30 FOR ELEMENT NUMBER 1623 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6775E-05 (BMTJNT PROCESSOR)

WARNING NODES 2302 AND 42 FOR ELEMENT NUMBER 1624 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1522E-04 (BMTJNT PROCESSOR)

WARNING NODES 2304 AND 60 FOR ELEMENT NUMBER 1625 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2702E-04 (BMTJNT PROCESSOR)

WARNING NODES 2306 AND 72 FOR ELEMENT NUMBER 1626 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4218E-04 (BMTJNT PROCESSOR)

WARNING NODES 2308 AND 90 FOR ELEMENT NUMBER 1627 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6069E-04 (BMTJNT PROCESSOR)

WARNING NODES 2310 AND 114 FOR ELEMENT NUMBER 1629 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2540E-05 (BMTJNT PROCESSOR)

WARNING NODES 2312 AND 132 FOR ELEMENT NUMBER 1630 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2953E-05 (BMTJNT PROCESSOR)

WARNING NODES 2314 AND 144 FOR ELEMENT NUMBER 1631 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3329E-05 (BMTJNT PROCESSOR)

WARNING NODES 2316 AND 162 FOR ELEMENT NUMBER 1632 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3668E-05 (BMTJNT PROCESSOR)

WARNING NODES 2318 AND 174 FOR ELEMENT NUMBER 1633 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3971E-05 (BMTJNT PROCESSOR)

WARNING NODES 2320 AND 186 FOR ELEMENT NUMBER 1634 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4237E-05 (BMTJNT PROCESSOR)

WARNING NODES 2322 AND 204 FOR ELEMENT NUMBER 1635 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4466E-05 (BMTJNT PROCESSOR)

WARNING NODES 2324 AND 216 FOR ELEMENT NUMBER 1636 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4658E-05 (BMTJNT PROCESSOR)

WARNING NODES 2326 AND 234 FOR ELEMENT NUMBER 1637 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4814E-05 (BMTJNT PROCESSOR)

WARNING NODES 2286 AND 246 FOR ELEMENT NUMBER 1638 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.8131E-04 (BMTJNT PROCESSOR)

WARNING NODES 2328 AND 258 FOR ELEMENT NUMBER 1639 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5015E-05 (BMTJNT PROCESSOR)

WARNING NODES 2330 AND 276 FOR ELEMENT NUMBER 1640 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5060E-05 (BMTJNT PROCESSOR)

WARNING NODES 2332 AND 288 FOR ELEMENT NUMBER 1641 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5068E-05 (BMTJNT PROCESSOR)

WARNING NODES 2334 AND 306 FOR ELEMENT NUMBER 1642 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5040E-05 (BMTJNT PROCESSOR)

WARNING NODES 2336 AND 318 FOR ELEMENT NUMBER 1643 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4975E-05 (BMTJNT PROCESSOR)

WARNING NODES 2338 AND 342 FOR ELEMENT NUMBER 1644 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4873E-05 (BMTJNT PROCESSOR)

WARNING NODES 2340 AND 360 FOR ELEMENT NUMBER 1645 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4735E-05 (BMTJNT PROCESSOR)

WARNING NODES 2342 AND 372 FOR ELEMENT NUMBER 1646 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4560E-05 (BMTJNT PROCESSOR)

WARNING NODES 2344 AND 390 FOR ELEMENT NUMBER 1647 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4348E-05 (BMTJNT PROCESSOR)

WARNING NODES 2288 AND 402 FOR ELEMENT NUMBER 1648 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.7422E-04 (BMTJNT PROCESSOR)

WARNING NODES 2346 AND 414 FOR ELEMENT NUMBER 1649 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3813E-05 (BMTJNT PROCESSOR)

WARNING NODES 2348 AND 432 FOR ELEMENT NUMBER 1650 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3491E-05 (BMTJNT PROCESSOR)

WARNING NODES 2350 AND 444 FOR ELEMENT NUMBER 1651 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3132E-05 (BMTJNT PROCESSOR)

WARNING NODES 2352 AND 462 FOR ELEMENT NUMBER 1652 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2736E-05 (BMTJNT PROCESSOR)

WARNING NODES 2354 AND 474 FOR ELEMENT NUMBER 1653 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2304E-05 (BMTJNT PROCESSOR)

WARNING NODES 2356 AND 486 FOR ELEMENT NUMBER 1654 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1835E-05 (BMTJNT PROCESSOR)

WARNING NODES 2358 AND 504 FOR ELEMENT NUMBER 1655 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1329E-05 (BMTJNT PROCESSOR)

WARNING NODES 2360 AND 516 FOR ELEMENT NUMBER 1656 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.7864E-06 (BMTJNT PROCESSOR)

WARNING NODES 2362 AND 534 FOR ELEMENT NUMBER 1657 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2070E-06 (BMTJNT PROCESSOR)

WARNING NODES 2290 AND 546 FOR ELEMENT NUMBER 1658 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6338E-04 (BMTJNT PROCESSOR)

WARNING NODES 2364 AND 558 FOR ELEMENT NUMBER 1659 ARE NOT COINCIDENT

THE DISTANCE BETWEEN THEM IS 0.1062E-05 (BMTJNT PROCESSOR)
 WARNING NODES 2366 AND 576 FOR ELEMENT NUMBER 1660 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1751E-05 (BMTJNT PROCESSOR)
 WARNING NODES 2368 AND 588 FOR ELEMENT NUMBER 1661 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2477E-05 (BMTJNT PROCESSOR)
 WARNING NODES 2370 AND 606 FOR ELEMENT NUMBER 1662 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.3240E-05 (BMTJNT PROCESSOR)
 WARNING NODES 2372 AND 618 FOR ELEMENT NUMBER 1663 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.4039E-05 (BMTJNT PROCESSOR)
 WARNING NODES 2374 AND 630 FOR ELEMENT NUMBER 1664 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.4876E-05 (BMTJNT PROCESSOR)
 WARNING NODES 2376 AND 648 FOR ELEMENT NUMBER 1665 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.5748E-05 (BMTJNT PROCESSOR)
 WARNING NODES 2378 AND 660 FOR ELEMENT NUMBER 1666 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.6658E-05 (BMTJNT PROCESSOR)
 WARNING NODES 2380 AND 678 FOR ELEMENT NUMBER 1667 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.7604E-05 (BMTJNT PROCESSOR)
 WARNING NODES 2292 AND 690 FOR ELEMENT NUMBER 1668 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.4881E-04 (BMTJNT PROCESSOR)
 WARNING NODES 2382 AND 702 FOR ELEMENT NUMBER 1669 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.9606E-05 (BMTJNT PROCESSOR)
 WARNING NODES 2384 AND 720 FOR ELEMENT NUMBER 1670 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1066E-04 (BMTJNT PROCESSOR)
 WARNING NODES 2386 AND 732 FOR ELEMENT NUMBER 1671 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1175E-04 (BMTJNT PROCESSOR)
 WARNING NODES 2388 AND 750 FOR ELEMENT NUMBER 1672 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1288E-04 (BMTJNT PROCESSOR)
 WARNING NODES 2390 AND 762 FOR ELEMENT NUMBER 1673 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1405E-04 (BMTJNT PROCESSOR)
 WARNING NODES 2392 AND 774 FOR ELEMENT NUMBER 1674 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1525E-04 (BMTJNT PROCESSOR)
 WARNING NODES 2394 AND 792 FOR ELEMENT NUMBER 1675 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1649E-04 (BMTJNT PROCESSOR)
 WARNING NODES 2396 AND 804 FOR ELEMENT NUMBER 1676 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1777E-04 (BMTJNT PROCESSOR)
 WARNING NODES 2398 AND 822 FOR ELEMENT NUMBER 1677 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1908E-04 (BMTJNT PROCESSOR)
 WARNING NODES 2294 AND 834 FOR ELEMENT NUMBER 1678 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2791E-02 (BMTJNT PROCESSOR)
 WARNING NODES 2400 AND 846 FOR ELEMENT NUMBER 1679 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1278E-01 (BMTJNT PROCESSOR)
 WARNING NODES 2402 AND 864 FOR ELEMENT NUMBER 1680 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2140E-01 (BMTJNT PROCESSOR)
 WARNING NODES 2404 AND 876 FOR ELEMENT NUMBER 1681 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2591E-01 (BMTJNT PROCESSOR)
 WARNING NODES 2406 AND 894 FOR ELEMENT NUMBER 1682 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2630E-01 (BMTJNT PROCESSOR)
 WARNING NODES 2408 AND 906 FOR ELEMENT NUMBER 1683 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2259E-01 (BMTJNT PROCESSOR)
 WARNING NODES 2410 AND 924 FOR ELEMENT NUMBER 1684 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1477E-01 (BMTJNT PROCESSOR)
 WARNING NODES 2296 AND 936 FOR ELEMENT NUMBER 1685 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2840E-02 (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
1	622.205	0.000000E+00	273.834	684586.	460.331	-62.6302	0.000000E+00
2	766.103	0.000000E+00	16.8087	131949.	460.319	-62.4928	-0.724227
4	1552.35	0.000000E+00	1102.01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	235.000	0.000000E+00	2350.00	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	0.000000E+00
6	0.000000E+00	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
5	0.130076	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	3175.79	0.000000E+00	3742.65	816535.	460.329	-62.6080	-0.117032

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
1	0.269852E+10	0.150430E+12	0.153129E+12	0.196601E+11	0.000000E+00	0.000000E+00
2	0.516996E+09	0.290442E+11	0.295610E+11	0.378014E+10	-0.596977E+07	0.439884E+08
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	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
6	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
5	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	0.321552E+10	0.179474E+12	0.182690E+12	0.234402E+11	-0.596977E+07	0.439884E+08

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
1	0.132006E+08	0.536353E+10	0.537673E+10	-0.769520E+08	0.000000E+00	0.000000E+00
2	0.162117E+07	0.108497E+10	0.108654E+10	-0.155790E+08	2089.40	-14.2786
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	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
6	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
5	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	0.148819E+08	0.644856E+10	0.646328E+10	-0.925308E+08	13099.0	-921.626

MATERIAL SET	PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES									
	I 11			I 22			I 33			PRINCIPAL DIRECTIONS
	KG	M	**2	KG	M	**2	KG	M	**2	
1	0.537673E+10			0.536464E+10			0.120941E+08	(0.00, 0.00, 1.00)	(-0.01, 1.00, 0.00)	(1.00, 0.01, 0.00)
2	0.108654E+10			0.108520E+10			0.139719E+07	(-0.00, 0.00, 1.00)	(-0.01, 1.00, -0.00)	(1.00, 0.01, -0.00)
4	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)
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)
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)
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)
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)
5	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	0.646328E+10			0.644989E+10			0.135514E+08	(-0.00, 0.00, 1.00)	(-0.01, 1.00, -0.00)	(1.00, 0.01, 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 50						
TOTALS FOR STRUCTURE	0.118039E-11	0.423221E+07	15840.6	-0.400264E+07	-0.863827E+07	0.194817E+10
LOAD CASE 51						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-0.582077E-10	0.143051E-05
LOAD CASE 52						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	-0.727596E-11	0.232831E-09	0.143051E-05
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) = 0.2180

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.30000E-02 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 88054

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 6846129
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7836
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7836
TOTAL NO. OF EQUATIONS = 7932
TOTAL NO. OF ACTIVE NODES = 1306

NUMBER OF ELEMENT GROUPS = 2
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1598

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 925125
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 2183020
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 790694
TOTAL SIZE OF ELEMENT DATA RECORDS = 968822
TOTAL SIZE OF ELEMENT RESULT RECORDS = 2224654
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 46440
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 179683

TIME FOR PRE-SOLUTION PROCESS = 0.24000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 17:47:48 ON 23/06/23 (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 = 139833
Number of iterative refinement steps = 4
Number of positive eigenvalues = 7788
Number of negative eigenvalues = 96
Peak memory used during analysis and symbolic factorisation (MB) = 5.26
Total peak memory used during solve (MB) = 7.52
In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.13679E-22
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.14485E-22
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.16571E-22
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.25826E-24
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 = 0.46486E-24

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

LOCATIONS USED DURING POST-SOLUTION PROCESS = 6950738
LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1687

ACTUAL TOTAL NO. FACES IN STRUCTURE = 0
 TIME FOR POST-SOLUTION PROCESS = 0.36800 SEC.
 TOTAL CPU TIME USED FOR SOLUTION = 0.76400 SEC.
 TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 0 SECS
 TIME AT CENTRAL PROCESSOR = 17:47:48 ON 23/06/23 (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	324	2779	1129	0	13.60938
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	6	1096	738	0	11.50000
PLOT	16384	8467	10203	1705	0	27.40625
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 16:33:38 ON 23/06/23 (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\VI01_marroggia\LUSASFiles32\Marroggia_rev01_g\Marroggia_rev01_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 = 16:33:38 ON 23/06/23 (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			
1599	2874	1186	2906	2907
1600	2875	1386	2908	2909
1601	2876	2877	2910	2911
1602	2878	1390	2912	2913
1603	2879	1590	2914	2915
1604	2880	2881	2916	2917
1605	2882	1594	2918	2919
1606	2883	1794	2920	2921
1607	2885	2884	2922	2923
1608	2886	1798	2924	2925
1609	2887	1938	2926	2927
1610	2888	2889	2928	2929
1611	2890	1947	2930	2931
1612	2891	2552	2932	2933
1613	2893	2892	2934	2935
1614	2894	2562	2936	2937
1615	2895	2702	2938	2939
1616	2897	2896	2940	2941
1617	2898	2706	2942	2943
1618	2899	978	2944	2945
1619	2901	2900	2946	2947
1620	2902	982	2948	2949
1621	2282	5	2950	2951
1622	2298	18	2952	2953
1623	2300	30	2954	2955
1624	2302	42	2956	2957
1625	2304	60	2958	2959
1626	2306	72	2960	2961
1627	2308	90	2962	2963
1628	2284	102	2964	2965
1629	2310	114	2966	2967
1630	2312	132	2968	2969
1631	2314	144	2970	2971
1632	2316	162	2972	2973
1633	2318	174	2974	2975
1634	2320	186	2976	2977
1635	2322	204	2978	2979
1636	2324	216	2980	2981
1637	2326	234	2982	2983
1638	2286	246	2984	2985
1639	2328	258	2986	2987
1640	2330	276	2988	2989
1641	2332	288	2990	2991
1642	2334	306	2992	2993
1643	2336	318	2994	2995
1644	2338	342	2996	2997
1645	2340	360	2998	2999
1646	2342	372	3000	3001
1647	2344	390	3002	3003
1648	2288	402	3004	3005
1649	2346	414	3006	3007
1650	2348	432	3008	3009
1651	2350	444	3010	3011
1652	2352	462	3012	3013
1653	2354	474	3014	3015
1654	2356	486	3016	3017
1655	2358	504	3018	3019
1656	2360	516	3020	3021
1657	2362	534	3022	3023
1658	2290	546	3024	3025
1659	2364	558	3026	3027
1660	2366	576	3028	3029
1661	2368	588	3030	3031
1662	2370	606	3032	3033
1663	2372	618	3034	3035
1664	2374	630	3036	3037
1665	2376	648	3038	3039
1666	2378	660	3040	3041
1667	2380	678	3042	3043
1668	2292	690	3044	3045
1669	2382	702	3046	3047
1670	2384	720	3048	3049
1671	2386	732	3050	3051
1672	2388	750	3052	3053
1673	2390	762	3054	3055
1674	2392	774	3056	3057
1675	2394	792	3058	3059
1676	2396	804	3060	3061
1677	2398	822	3062	3063
1678	2294	834	3064	3065
1679	2400	846	3066	3067

1680	2402	864	3068	3069
1681	2404	876	3070	3071
1682	2406	894	3072	3073
1683	2408	906	3074	3075
1684	2410	924	3076	3077
1685	2296	936	3078	3079
1686	2903	1182	3080	3081
1687	2904	2905	3082	3083

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)
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BMI21	ELEMENTS		
1	1	2	3
2	4	5	6
3	7	8	9
4	2	10	11
5	5	12	13
6	8	14	15
7	10	16	17
8	12	18	19
9	14	20	21
10	16	22	23
11	18	24	25
12	20	26	27
13	22	28	29
14	24	30	31
15	26	32	33
16	28	34	35
17	30	36	37
18	32	38	39
19	34	40	41
20	36	42	43
21	38	44	45
22	40	46	47
23	42	48	49
24	44	50	51
25	46	52	53
26	48	54	55
27	50	56	57
28	52	58	59
29	54	60	61
30	56	62	63
31	58	64	65
32	60	66	67
33	62	68	69
34	64	70	71
35	66	72	73
36	68	74	75
37	70	76	77
38	72	78	79
39	74	80	81
40	76	82	83
41	78	84	85
42	80	86	87
43	82	88	89
44	84	90	91
45	86	92	93
46	88	94	95
47	90	96	97
48	92	98	99
49	94	100	101
50	96	102	103
51	98	104	105
52	100	106	107
53	102	108	109
54	104	110	111
55	106	112	113
56	108	114	115
57	110	116	117
58	112	118	119
59	114	120	121
60	116	122	123
61	118	124	125
62	120	126	127
63	122	128	129
64	124	130	131
65	126	132	133
66	128	134	135
67	130	136	137
68	132	138	139
69	134	140	141
70	136	142	143
71	138	144	145
72	140	146	147
73	142	148	149
74	144	150	151
75	146	152	153
76	148	154	155
77	150	156	157
78	152	158	159
79	154	160	161
80	156	162	163
81	158	164	165
82	160	166	167
83	162	168	169
84	164	170	171
85	166	172	173
86	168	174	175
87	170	176	177

88	172	178	179
89	174	180	181
90	176	182	183
91	178	184	185
92	180	186	187
93	182	188	189
94	184	190	191
95	186	192	193
96	188	194	195
97	190	196	197
98	192	198	199
99	194	200	201
100	196	202	203
101	198	204	205
102	200	206	207
103	202	208	209
104	204	210	211
105	206	212	213
106	208	214	215
107	210	216	217
108	212	218	219
109	214	220	221
110	216	222	223
111	218	224	225
112	220	226	227
113	222	228	229
114	224	230	231
115	226	232	233
116	228	234	235
117	230	236	237
118	232	238	239
119	234	240	241
120	236	242	243
121	238	244	245
122	240	246	247
123	242	248	249
124	244	250	251
125	246	252	253
126	248	254	255
127	250	256	257
128	252	258	259
129	254	260	261
130	256	262	263
131	258	264	265
132	260	266	267
133	262	268	269
134	264	270	271
135	266	272	273
136	268	274	275
137	270	276	277
138	272	278	279
139	274	280	281
140	276	282	283
141	278	284	285
142	280	286	287
143	282	288	289
144	284	290	291
145	286	292	293
146	288	294	295
147	290	296	297
148	292	298	299
149	294	300	301
150	296	302	303
151	298	304	305
152	300	306	307
153	302	308	309
154	304	310	311
155	306	312	313
156	308	314	315
157	310	316	317
158	312	318	319
159	314	320	321
160	316	322	323
161	318	324	325
162	320	326	327
163	322	328	329
164	324	330	331
165	326	332	333
166	328	334	335
167	330	336	337
168	332	338	339
169	334	340	341
170	336	342	343
171	338	344	345
172	340	346	347
173	342	348	349
174	344	350	351
175	346	352	353
176	348	354	355
177	350	356	357
178	352	358	359
179	354	360	361
180	356	362	363
181	358	364	365
182	360	366	367
183	362	368	369
184	364	370	371
185	366	372	373
186	368	374	375
187	370	376	377
188	372	378	379
189	374	380	381
190	376	382	383
191	378	384	385
192	380	386	387

193	382	388	389
194	384	390	391
195	386	392	393
196	388	394	395
197	390	396	397
198	392	398	399
199	394	400	401
200	396	402	403
201	398	404	405
202	400	406	407
203	402	408	409
204	404	410	411
205	410	412	413
206	408	414	415
207	406	416	417
208	412	418	419
209	414	420	421
210	416	422	423
211	418	424	425
212	420	426	427
213	422	428	429
214	424	430	431
215	426	432	433
216	428	434	435
217	430	436	437
218	432	438	439
219	434	440	441
220	436	442	443
221	438	444	445
222	440	446	447
223	442	448	449
224	444	450	451
225	446	452	453
226	448	454	455
227	450	456	457
228	452	458	459
229	454	460	461
230	456	462	463
231	458	464	465
232	460	466	467
233	462	468	469
234	464	470	471
235	466	472	473
236	468	474	475
237	470	476	477
238	472	478	479
239	474	480	481
240	476	482	483
241	478	484	485
242	480	486	487
243	482	488	489
244	484	490	491
245	486	492	493
246	488	494	495
247	490	496	497
248	492	498	499
249	494	500	501
250	496	502	503
251	498	504	505
252	500	506	507
253	502	508	509
254	504	510	511
255	506	512	513
256	508	514	515
257	510	516	517
258	512	518	519
259	514	520	521
260	516	522	523
261	518	524	525
262	520	526	527
263	522	528	529
264	524	530	531
265	526	532	533
266	528	534	535
267	530	536	537
268	532	538	539
269	534	540	541
270	536	542	543
271	538	544	545
272	540	546	547
273	542	548	549
274	544	550	551
275	546	552	553
276	548	554	555
277	550	556	557
278	552	558	559
279	554	560	561
280	556	562	563
281	558	564	565
282	560	566	567
283	562	568	569
284	564	570	571
285	566	572	573
286	568	574	575
287	570	576	577
288	572	578	579
289	574	580	581
290	576	582	583
291	578	584	585
292	580	586	587
293	582	588	589
294	584	590	591
295	586	592	593
296	588	594	595
297	590	596	597

298	592	598	599
299	594	600	601
300	596	602	603
301	598	604	605
302	600	606	607
303	602	608	609
304	604	610	611
305	606	612	613
306	608	614	615
307	610	616	617
308	612	618	619
309	614	620	621
310	616	622	623
311	618	624	625
312	620	626	627
313	622	628	629
314	624	630	631
315	626	632	633
316	628	634	635
317	630	636	637
318	632	638	639
319	634	640	641
320	636	642	643
321	638	644	645
322	640	646	647
323	642	648	649
324	644	650	651
325	646	652	653
326	648	654	655
327	650	656	657
328	652	658	659
329	654	660	661
330	656	662	663
331	658	664	665
332	660	666	667
333	662	668	669
334	664	670	671
335	666	672	673
336	668	674	675
337	670	676	677
338	672	678	679
339	674	680	681
340	676	682	683
341	678	684	685
342	680	686	687
343	682	688	689
344	684	690	691
345	686	692	693
346	688	694	695
347	690	696	697
348	692	698	699
349	694	700	701
350	696	702	703
351	698	704	705
352	700	706	707
353	702	708	709
354	704	710	711
355	706	712	713
356	708	714	715
357	710	716	717
358	712	718	719
359	714	720	721
360	716	722	723
361	718	724	725
362	720	726	727
363	722	728	729
364	724	730	731
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1106	2037	2038	2039
1107	2038	2040	2041
1108	2042	2043	2044
1109	2043	2045	2046
1110	2047	2048	2049
1111	2048	2050	2051
1112	2052	2053	2054
1113	2053	2055	2056
1114	2057	2058	2059
1115	2058	2060	2061
1116	2062	2063	2064
1117	2063	2065	2066
1118	2067	2068	2069
1119	2068	2070	2071
1120	2072	2073	2074
1121	2073	2075	2076
1122	2077	2078	2079
1123	2078	2080	2081
1124	2082	2083	2084
1125	2083	2085	2086
1126	2087	2088	2089
1127	2088	2090	2091
1128	2092	2093	2094
1129	2093	2095	2096
1130	2097	2098	2099
1131	2100	2097	2101
1132	2102	2103	2104
1133	2105	2102	2106
1134	2107	2108	2109
1135	2110	2107	2111
1136	2112	2113	2114
1137	2115	2112	2116

1138	2117	2118	2119
1139	2120	2117	2121
1140	2122	2123	2124
1141	2125	2122	2126
1142	2127	2128	2129
1143	2130	2127	2131
1144	2132	2133	2134
1145	2135	2132	2136
1146	2137	2138	2139
1147	2140	2137	2141
1148	2142	2143	2144
1149	2145	2142	2146
1150	2147	2148	2149
1151	2150	2147	2151
1152	2152	2153	2154
1153	2155	2152	2156
1154	2157	2158	2159
1155	2160	2157	2161
1156	2162	2163	2164
1157	2165	2162	2166
1158	2167	2168	2169
1159	2170	2167	2171
1160	2172	2173	2174
1161	2175	2172	2176
1162	2177	2178	2179
1163	2180	2177	2181
1164	2182	2183	2184
1165	2185	2182	2186
1166	2187	2188	2189
1167	2190	2187	2191
1168	2192	2193	2194
1169	2195	2192	2196
1170	2197	2198	2199
1171	2200	2197	2201
1172	2202	2203	2204
1173	2205	2202	2206
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1178	2217	2218	2219
1179	2220	2217	2221
1180	2222	2223	2224
1181	2225	2222	2226
1182	2227	2228	2229
1183	2230	2227	2231
1184	2232	2233	2234
1185	2235	2232	2236
1186	2237	2238	2239
1187	2240	2237	2241
1188	2242	2243	2244
1189	2245	2242	2246
1190	2247	2248	2249
1191	2250	2247	2251
1192	2252	2253	2254
1193	2255	2252	2256
1194	2257	2258	2259
1195	2260	2257	2261
1196	2262	2263	2264
1197	2265	2262	2266
1198	2267	2268	2269
1199	2270	2267	2271
1200	2272	2273	2274
1201	2275	2272	2276
1202	2277	2278	2279
1203	2280	2277	2281
1204	1958	2282	2283
1205	1993	2284	2285
1206	2043	2286	2287
1207	2093	2288	2289
1208	2142	2290	2291
1209	2192	2292	2293
1210	2242	2294	2295
1211	2277	2296	2297
1212	1963	2298	2299
1213	1968	2300	2301
1214	1973	2302	2303
1215	1978	2304	2305
1216	1983	2306	2307
1217	1988	2308	2309
1218	1998	2310	2311
1219	2003	2312	2313
1220	2008	2314	2315
1221	2013	2316	2317
1222	2018	2318	2319
1223	2023	2320	2321
1224	2028	2322	2323
1225	2033	2324	2325
1226	2038	2326	2327
1227	2048	2328	2329
1228	2053	2330	2331
1229	2058	2332	2333
1230	2063	2334	2335
1231	2068	2336	2337
1232	2073	2338	2339
1233	2078	2340	2341
1234	2083	2342	2343
1235	2088	2344	2345
1236	2097	2346	2347
1237	2102	2348	2349
1238	2107	2350	2351
1239	2112	2352	2353
1240	2117	2354	2355
1241	2122	2356	2357
1242	2127	2358	2359

1243	2132	2360	2361
1244	2137	2362	2363
1245	2147	2364	2365
1246	2152	2366	2367
1247	2157	2368	2369
1248	2162	2370	2371
1249	2167	2372	2373
1250	2172	2374	2375
1251	2177	2376	2377
1252	2182	2378	2379
1253	2187	2380	2381
1254	2197	2382	2383
1255	2202	2384	2385
1256	2207	2386	2387
1257	2212	2388	2389
1258	2217	2390	2391
1259	2222	2392	2393
1260	2227	2394	2395
1261	2232	2396	2397
1262	2237	2398	2399
1263	2247	2400	2401
1264	2252	2402	2403
1265	2257	2404	2405
1266	2262	2406	2407
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1268	2272	2410	2411
1269	1957	2	2412
1270	1960	8	2413
1271	1962	16	2414
1272	1965	20	2415
1273	1967	28	2416
1274	1970	32	2417
1275	1972	40	2418
1276	1975	44	2419
1277	1977	58	2420
1278	1980	62	2421
1279	1982	70	2422
1280	1985	74	2423
1281	1987	88	2424
1282	1990	92	2425
1283	1992	100	2426
1284	1995	104	2427
1285	1997	112	2428
1286	2000	116	2429
1287	2002	130	2430
1288	2005	134	2431
1289	2007	142	2432
1290	2010	146	2433
1291	2012	160	2434
1292	2015	164	2435
1293	2017	172	2436
1294	2020	176	2437
1295	2022	184	2438
1296	2025	188	2439
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1304	2045	248	2447
1305	2047	256	2448
1306	2050	260	2449
1307	2052	274	2450
1308	2055	278	2451
1309	2057	286	2452
1310	2060	290	2453
1311	2062	304	2454
1312	2065	308	2455
1313	2067	316	2456
1314	2070	320	2457
1315	2072	340	2458
1316	2075	344	2459
1317	2077	358	2460
1318	2080	362	2461
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1320	2085	374	2463
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1322	2090	392	2465
1323	2092	400	2466
1324	2095	404	2467
1325	2098	412	2468
1326	2100	416	2469
1327	2103	430	2470
1328	2105	434	2471
1329	2108	442	2472
1330	2110	446	2473
1331	2113	460	2474
1332	2115	464	2475
1333	2118	472	2476
1334	2120	476	2477
1335	2123	484	2478
1336	2125	488	2479
1337	2128	502	2480
1338	2130	506	2481
1339	2133	514	2482
1340	2135	518	2483
1341	2138	532	2484
1342	2140	536	2485
1343	2143	544	2486
1344	2145	548	2487
1345	2148	556	2488
1346	2150	560	2489
1347	2153	574	2490

1348	2155	578	2491
1349	2158	586	2492
1350	2160	590	2493
1351	2163	604	2494
1352	2165	608	2495
1353	2168	616	2496
1354	2170	620	2497
1355	2173	628	2498
1356	2175	632	2499
1357	2178	646	2500
1358	2180	650	2501
1359	2183	658	2502
1360	2185	662	2503
1361	2188	676	2504
1362	2190	680	2505
1363	2193	688	2506
1364	2195	692	2507
1365	2198	700	2508
1366	2200	704	2509
1367	2203	718	2510
1368	2205	722	2511
1369	2208	730	2512
1370	2210	734	2513
1371	2213	748	2514
1372	2215	752	2515
1373	2218	760	2516
1374	2220	764	2517
1375	2223	772	2518
1376	2225	776	2519
1377	2228	790	2520
1378	2230	794	2521
1379	2233	802	2522
1380	2235	806	2523
1381	2238	820	2524
1382	2240	824	2525
1383	2243	832	2526
1384	2245	836	2527
1385	2248	844	2528
1386	2250	848	2529
1387	2253	862	2530
1388	2255	866	2531
1389	2258	874	2532
1390	2260	878	2533
1391	2263	892	2534
1392	2265	896	2535
1393	2268	904	2536
1394	2270	908	2537
1395	2273	922	2538
1396	2275	926	2539
1397	2278	934	2540
1398	2280	938	2541
1399	2542	2543	2544
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1401	4	1	2548
1402	2547	2546	2549
1403	4	7	2550
1404	2	2547	2551
1405	2552	2	2553
1406	7	2554	2555
1407	5	2	2556
1408	2554	2557	2558
1409	5	8	2559
1410	2562	8	2563
1411	8	2560	2564
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1416	12	14	2573
1417	14	2568	2574
1418	2568	2569	2575
1419	2577	2576	2580
1420	16	2577	2581
1421	18	16	2582
1422	18	20	2583
1423	20	2578	2584
1424	2578	2579	2585
1425	2586	2587	2590
1426	2587	22	2591
1427	22	24	2592
1428	24	26	2593
1429	26	2588	2594
1430	2588	2589	2595
1431	2597	2596	2600
1432	28	2597	2601
1433	30	28	2602
1434	30	32	2603
1435	32	2598	2604
1436	2598	2599	2605
1437	2606	2607	2610
1438	2607	34	2611
1439	34	36	2612
1440	36	38	2613
1441	38	2608	2614
1442	2608	2609	2615
1443	2617	2616	2620
1444	40	2617	2621
1445	42	40	2622
1446	42	44	2623
1447	44	2618	2624
1448	2618	2619	2625
1449	2626	2627	2630
1450	2627	46	2631
1451	46	48	2632
1452	48	50	2633

1453	50	2628	2634
1454	2628	2629	2635
1455	2637	2636	2640
1456	58	2637	2641
1457	60	58	2642
1458	60	62	2643
1459	62	2638	2644
1460	2638	2639	2645
1461	2646	2647	2650
1462	2647	64	2651
1463	64	66	2652
1464	66	68	2653
1465	68	2648	2654
1466	2648	2649	2655
1467	2657	2656	2660
1468	70	2657	2661
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1482	90	92	2683
1483	92	2678	2684
1484	2678	2679	2685
1485	2686	2687	2690
1486	2687	94	2691
1487	94	96	2692
1488	96	98	2693
1489	98	2688	2694
1490	2688	2689	2695
1491	2697	2696	2700
1492	100	2697	2701
1493	2702	100	2703
1494	102	100	2704
1495	102	104	2705
1496	2706	104	2707
1497	104	2698	2708
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1499	2710	2711	2714
1500	2711	106	2715
1501	106	108	2716
1502	108	110	2717
1503	110	2712	2718
1504	2712	2713	2719
1505	2721	2720	2724
1506	112	2721	2725
1507	114	112	2726
1508	114	116	2727
1509	116	2722	2728
1510	2722	2723	2729
1511	2730	2731	2734
1512	2731	124	2735
1513	124	126	2736
1514	126	128	2737
1515	128	2732	2738
1516	2732	2733	2739
1517	2741	2740	2744
1518	130	2741	2745
1519	132	130	2746
1520	132	134	2747
1521	134	2742	2748
1522	2742	2743	2749
1523	2750	2751	2754
1524	2751	136	2755
1525	136	138	2756
1526	138	140	2757
1527	140	2752	2758
1528	2752	2753	2759
1529	2761	2760	2764
1530	142	2761	2765
1531	144	142	2766
1532	144	146	2767
1533	146	2762	2768
1534	2762	2763	2769
1535	2770	2771	2774
1536	2771	148	2775
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1538	150	152	2777
1539	152	2772	2778
1540	2772	2773	2779
1541	2781	2780	2784
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1548	2791	166	2795
1549	166	168	2796
1550	168	170	2797
1551	170	2792	2798
1552	2792	2793	2799
1553	2801	2800	2804
1554	172	2801	2805
1555	174	172	2806
1556	174	176	2807
1557	176	2802	2808

1558	2802	2803	2809
1559	2810	2811	2814
1560	2811	178	2815
1561	178	180	2816
1562	180	182	2817
1563	182	2812	2818
1564	2812	2813	2819
1565	2821	2820	2824
1566	184	2821	2825
1567	186	184	2826
1568	186	188	2827
1569	188	2822	2828
1570	2822	2823	2829
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1577	2841	2840	2844
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1579	204	202	2846
1580	204	206	2847
1581	206	2842	2848
1582	2842	2843	2849
1583	2850	2851	2854
1584	2851	208	2855
1585	208	210	2856
1586	210	212	2857
1587	212	2852	2858
1588	2852	2853	2859
1589	2861	2860	2864
1590	214	2861	2865
1591	216	214	2866
1592	216	218	2867
1593	218	2862	2868
1594	2862	2863	2869
1595	950	952	2870
1596	952	220	2871
1597	220	222	2872
1598	222	224	2873

TOTAL NUMBER OF ELEMENTS = 1687
LARGEST ELEMENT NUMBER = 1687
LARGEST NODE NUMBER = 3083

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	304.676	-62.9175	0.000000E+00
2	305.273	-62.9707	0.000000E+00
3	304.764	-61.9214	0.000000E+00
4	304.985	-59.4312	0.000000E+00
5	305.583	-59.4844	0.000000E+00
6	305.074	-58.4351	0.000000E+00
7	305.295	-55.9449	0.000000E+00
8	305.893	-55.9981	0.000000E+00
9	305.384	-54.9489	0.000000E+00
10	307.679	-63.1824	0.000000E+00
11	305.361	-61.9745	0.000000E+00
12	307.981	-59.6955	0.000000E+00
13	305.671	-58.4883	0.000000E+00
14	308.287	-56.2089	0.000000E+00
15	305.980	-55.0020	0.000000E+00
16	310.081	-63.3900	0.000000E+00
17	307.765	-62.1862	0.000000E+00
18	310.379	-59.9027	0.000000E+00
19	308.067	-58.6992	0.000000E+00
20	310.678	-56.4155	0.000000E+00
21	308.373	-55.2126	0.000000E+00
22	312.477	-63.5932	0.000000E+00
23	310.165	-62.3936	0.000000E+00
24	312.770	-60.1055	0.000000E+00
25	310.464	-58.9063	0.000000E+00
26	313.063	-56.6178	0.000000E+00
27	310.762	-55.4191	0.000000E+00
28	314.889	-63.7939	0.000000E+00
29	312.560	-62.5967	0.000000E+00
30	315.177	-60.3057	0.000000E+00
31	312.853	-59.1090	0.000000E+00
32	315.464	-56.8175	0.000000E+00
33	313.146	-55.6212	0.000000E+00
34	317.303	-63.9908	0.000000E+00
35	314.971	-62.7972	0.000000E+00
36	317.576	-60.5014	0.000000E+00
37	315.258	-59.3090	0.000000E+00
38	317.867	-57.0135	0.000000E+00
39	315.545	-55.8208	0.000000E+00
40	319.699	-64.1824	0.000000E+00
41	317.383	-62.9940	0.000000E+00
42	319.975	-60.6933	0.000000E+00
43	317.655	-59.5046	0.000000E+00
44	320.251	-57.2042	0.000000E+00
45	317.947	-56.0167	0.000000E+00

46	322.104	-64.3709	0.000000E+00
47	319.777	-63.1854	0.000000E+00
48	322.375	-60.8813	0.000000E+00
49	320.053	-59.6964	0.000000E+00
50	322.646	-57.3918	0.000000E+00
51	320.330	-56.2073	0.000000E+00
52	322.954	-64.4365	0.000000E+00
53	322.182	-63.3738	0.000000E+00
54	323.222	-60.9468	0.272005E-14
55	322.452	-59.8843	0.000000E+00
56	323.491	-57.4571	0.000000E+00
57	322.723	-56.3948	0.000000E+00
58	324.510	-64.5555	0.000000E+00
59	323.030	-63.4394	0.000000E+00
60	324.775	-61.0655	0.103806E-13
61	323.298	-59.9497	0.272005E-14
62	325.040	-57.5756	0.000000E+00
63	323.567	-56.4601	0.000000E+00
64	326.907	-64.7356	0.000000E+00
65	324.585	-63.5583	0.000000E+00
66	327.176	-61.2459	0.000000E+00
67	324.850	-60.0683	0.103806E-13
68	327.426	-57.7548	0.000000E+00
69	325.115	-56.5784	0.000000E+00
70	329.322	-64.9132	0.000000E+00
71	326.980	-63.7383	0.000000E+00
72	329.576	-61.4224	0.000000E+00
73	327.249	-60.2486	0.000000E+00
74	329.830	-57.9317	0.000000E+00
75	327.499	-56.7575	0.000000E+00
76	331.736	-65.0868	0.000000E+00
77	329.394	-63.9158	0.000000E+00
78	331.985	-61.5956	0.000000E+00
79	329.648	-60.4250	0.000000E+00
80	332.233	-58.1044	0.000000E+00
81	329.902	-56.9342	0.000000E+00
82	332.950	-65.1727	0.000000E+00
83	331.807	-64.0893	0.000000E+00
84	333.195	-61.6812	-0.416334E-13
85	332.055	-60.5981	0.000000E+00
86	333.441	-58.1899	0.000000E+00
87	332.303	-57.1069	0.000000E+00
88	334.136	-65.2556	0.000000E+00
89	333.019	-64.1751	0.000000E+00
90	334.378	-61.7639	-0.274780E-13
91	333.265	-60.6836	-0.416334E-13
92	334.621	-58.2724	0.000000E+00
93	333.510	-57.1923	0.000000E+00
94	336.541	-65.4208	0.000000E+00
95	334.204	-64.2579	0.000000E+00
96	336.780	-61.9290	0.000000E+00
97	334.447	-60.7663	-0.274780E-13
98	337.015	-58.4368	0.000000E+00
99	334.690	-57.2748	0.000000E+00
100	338.950	-65.5825	0.000000E+00
101	336.608	-64.4230	0.000000E+00
102	339.182	-62.0901	0.000000E+00
103	336.847	-60.9312	0.000000E+00
104	339.413	-58.5978	0.000000E+00
105	337.082	-57.4391	0.000000E+00
106	341.373	-65.7410	0.000000E+00
107	339.015	-64.5846	0.000000E+00
108	341.599	-62.2483	0.000000E+00
109	339.247	-61.0923	0.000000E+00
110	341.824	-58.7556	0.000000E+00
111	339.478	-57.5999	0.000000E+00
112	343.801	-65.8961	0.000000E+00
113	341.436	-64.7431	0.000000E+00
114	344.021	-62.4031	0.568434E-13
115	341.662	-61.2504	0.000000E+00
116	344.242	-58.9100	0.000000E+00
117	341.888	-57.7577	0.000000E+00
118	344.952	-65.9682	0.000000E+00
119	343.864	-64.8981	0.000000E+00
120	345.169	-62.4751	0.194289E-13
121	344.084	-61.4050	0.568434E-13
122	345.387	-58.9818	0.000000E+00
123	344.304	-57.9120	0.000000E+00
124	346.232	-66.0474	0.000000E+00
125	345.013	-64.9701	0.000000E+00
126	346.446	-62.5540	0.309197E-13
127	345.231	-61.4770	0.194289E-13
128	346.661	-59.0606	0.000000E+00
129	345.448	-57.9837	0.000000E+00
130	348.653	-66.1942	0.000000E+00
131	346.292	-65.0493	0.000000E+00
132	348.862	-62.7005	0.000000E+00
133	346.507	-61.5559	0.309197E-13
134	349.071	-59.2067	0.000000E+00
135	346.721	-58.0624	0.000000E+00
136	351.092	-66.3381	0.000000E+00
137	348.712	-65.1960	0.000000E+00
138	351.295	-62.8440	0.000000E+00
139	348.921	-61.7022	0.000000E+00
140	351.498	-59.3500	0.000000E+00
141	349.130	-58.2085	0.000000E+00
142	353.506	-66.4767	0.000000E+00
143	351.149	-65.3398	0.000000E+00
144	353.704	-62.9823	0.000000E+00
145	351.352	-61.8457	0.000000E+00
146	353.902	-59.4879	0.000000E+00
147	351.556	-58.3516	0.000000E+00
148	355.926	-66.6117	0.000000E+00
149	353.562	-65.4783	0.000000E+00
150	356.119	-63.1170	0.000000E+00

151	353.760	-61.9839	0.000000E+00
152	356.311	-59.6222	0.000000E+00
153	353.958	-58.4894	0.000000E+00
154	357.209	-66.6817	0.000000E+00
155	355.981	-65.6132	0.000000E+00
156	357.398	-63.1869	0.666134E-14
157	356.173	-62.1185	0.000000E+00
158	357.588	-59.6919	0.000000E+00
159	356.365	-58.6237	0.000000E+00
160	358.360	-66.7435	0.000000E+00
161	357.263	-65.6831	0.000000E+00
162	358.547	-63.2485	-0.888178E-15
163	357.452	-62.1883	0.666134E-14
164	358.733	-59.7535	0.000000E+00
165	357.641	-58.6933	0.000000E+00
166	360.788	-66.8711	0.000000E+00
167	358.413	-65.7449	0.000000E+00
168	360.968	-63.3757	0.000000E+00
169	358.599	-62.2499	-0.888178E-15
170	361.150	-59.8804	0.000000E+00
171	358.786	-58.7548	0.000000E+00
172	363.215	-66.9947	0.000000E+00
173	360.839	-65.8724	0.000000E+00
174	363.390	-63.4991	0.000000E+00
175	361.019	-62.3770	0.000000E+00
176	363.566	-60.0035	0.000000E+00
177	361.201	-58.8817	0.000000E+00
178	365.651	-67.1148	0.000000E+00
179	363.264	-65.9959	0.000000E+00
180	365.812	-63.6185	0.000000E+00
181	363.440	-62.5003	0.000000E+00
182	365.990	-60.1230	0.000000E+00
183	363.615	-59.0047	0.000000E+00
184	368.071	-67.2302	0.000000E+00
185	365.698	-66.1159	0.000000E+00
186	368.235	-63.7340	0.000000E+00
187	365.860	-62.6196	0.000000E+00
188	368.399	-60.2379	0.000000E+00
189	366.038	-59.1241	0.000000E+00
190	369.222	-67.2837	0.000000E+00
191	368.117	-66.2313	0.000000E+00
192	369.383	-63.7875	0.470179E-13
193	368.281	-62.7351	0.000000E+00
194	369.545	-60.2912	0.000000E+00
195	368.445	-59.2389	0.000000E+00
196	370.488	-67.3416	0.000000E+00
197	369.268	-66.2848	0.000000E+00
198	370.646	-63.8452	-0.489053E-13
199	369.429	-62.7886	0.470179E-13
200	370.805	-60.3487	0.000000E+00
201	369.590	-59.2922	0.000000E+00
202	372.927	-67.4500	0.000000E+00
203	370.532	-66.3426	0.000000E+00
204	373.080	-63.9534	0.000000E+00
205	370.691	-62.8462	-0.489053E-13
206	373.232	-60.4567	0.000000E+00
207	370.849	-59.3497	0.000000E+00
208	375.352	-67.5540	0.000000E+00
209	372.970	-66.4510	0.000000E+00
210	375.499	-64.0570	0.000000E+00
211	373.122	-62.9543	0.000000E+00
212	375.646	-60.5601	0.000000E+00
213	373.275	-59.4576	0.000000E+00
214	377.784	-67.6542	0.000000E+00
215	375.393	-66.5548	0.000000E+00
216	377.925	-64.1571	0.000000E+00
217	375.540	-63.0579	0.000000E+00
218	378.067	-60.6600	0.000000E+00
219	375.687	-59.5610	0.000000E+00
220	380.217	-67.7506	0.000000E+00
221	377.824	-66.6550	0.000000E+00
222	380.352	-64.2533	0.000000E+00
223	377.965	-63.1579	0.000000E+00
224	380.488	-60.7559	0.000000E+00
225	378.106	-59.6607	0.000000E+00
226	381.490	-67.7995	0.000000E+00
227	380.255	-66.7514	0.000000E+00
228	381.623	-64.3021	0.298650E-13
229	380.391	-63.2540	0.000000E+00
230	381.755	-60.8045	0.000000E+00
231	380.527	-59.7566	0.000000E+00
232	382.642	-67.8428	0.000000E+00
233	381.527	-66.8002	0.000000E+00
234	382.772	-64.3452	-0.593414E-13
235	381.660	-63.3028	0.298650E-13
236	382.902	-60.8476	0.000000E+00
237	381.793	-59.8052	0.000000E+00
238	385.082	-67.9316	0.000000E+00
239	382.678	-66.8434	0.000000E+00
240	385.206	-64.4338	0.000000E+00
241	382.808	-63.3459	-0.593414E-13
242	385.331	-60.9360	0.000000E+00
243	382.938	-59.8483	0.000000E+00
244	387.500	-68.0156	0.000000E+00
245	385.117	-66.9322	0.000000E+00
246	387.619	-64.5177	0.000000E+00
247	385.241	-63.4344	0.000000E+00
248	387.737	-61.0197	0.000000E+00
249	385.366	-59.9366	0.000000E+00
250	389.922	-68.0960	0.000000E+00
251	387.533	-67.0162	0.000000E+00
252	390.035	-64.5978	0.000000E+00
253	387.652	-63.5183	0.000000E+00
254	390.148	-61.0996	0.000000E+00
255	387.771	-60.0202	0.000000E+00

256	392.359	-68.1729	0.000000E+00
257	389.953	-67.0965	0.000000E+00
258	392.466	-64.6745	0.341061E-12
259	390.066	-63.5983	0.000000E+00
260	392.574	-61.1762	0.000000E+00
261	390.180	-60.1001	0.000000E+00
262	393.511	-68.2078	0.000000E+00
263	392.389	-67.1733	0.000000E+00
264	393.616	-64.7095	-0.282552E-13
265	392.497	-63.6750	0.341061E-12
266	393.720	-61.2110	0.000000E+00
267	392.604	-60.1766	0.000000E+00
268	394.788	-68.2456	0.000000E+00
269	393.540	-67.2083	0.000000E+00
270	394.890	-64.7471	-0.587863E-13
271	393.645	-63.7099	-0.282552E-13
272	394.992	-61.2486	0.000000E+00
273	393.750	-60.2114	0.000000E+00
274	397.218	-68.3144	0.000000E+00
275	394.816	-67.2460	0.000000E+00
276	397.314	-64.8157	0.000000E+00
277	394.918	-63.7475	-0.587863E-13
278	397.410	-61.3171	0.000000E+00
279	395.020	-60.2490	0.000000E+00
280	399.655	-68.3795	0.000000E+00
281	397.244	-67.3148	0.000000E+00
282	399.746	-64.8807	0.000000E+00
283	397.341	-63.8161	0.000000E+00
284	399.836	-61.3818	0.000000E+00
285	397.437	-60.3174	0.000000E+00
286	402.077	-68.4403	0.000000E+00
287	399.680	-67.3798	0.000000E+00
288	402.162	-64.9413	0.000000E+00
289	399.771	-63.8810	0.000000E+00
290	402.247	-61.4424	0.000000E+00
291	399.861	-60.3822	0.000000E+00
292	404.496	-68.4971	0.000000E+00
293	402.101	-67.4406	0.000000E+00
294	404.575	-64.9980	0.000000E+00
295	402.186	-63.9416	0.000000E+00
296	404.655	-61.4989	0.000000E+00
297	402.271	-60.4426	0.000000E+00
298	405.785	-68.5258	0.000000E+00
299	404.518	-67.4973	0.000000E+00
300	405.861	-65.0267	0.177636E-14
301	404.598	-63.9982	0.000000E+00
302	405.938	-61.5275	0.000000E+00
303	404.677	-60.4991	0.000000E+00
304	406.937	-68.5505	0.000000E+00
305	405.806	-67.5260	0.000000E+00
306	407.011	-65.0513	0.522637E-13
307	405.883	-64.0269	0.177636E-14
308	407.085	-61.5521	0.000000E+00
309	405.959	-60.5277	0.000000E+00
310	409.368	-68.5997	0.000000E+00
311	406.958	-67.5507	0.000000E+00
312	409.436	-65.1004	0.000000E+00
313	407.031	-64.0515	0.522637E-13
314	409.504	-61.6011	0.000000E+00
315	407.105	-60.5523	0.000000E+00
316	411.798	-68.6450	0.000000E+00
317	409.386	-67.5999	0.000000E+00
318	411.860	-65.1456	0.000000E+00
319	409.454	-64.1006	0.000000E+00
320	411.923	-61.6462	0.000000E+00
321	409.522	-60.6012	0.000000E+00
322	413.013	-68.6662	0.000000E+00
323	411.815	-67.6452	0.000000E+00
324	413.073	-65.1667	0.160982E-13
325	411.878	-64.1458	0.000000E+00
326	413.132	-61.6672	0.000000E+00
327	411.940	-60.6463	0.000000E+00
328	414.228	-68.6864	0.000000E+00
329	413.030	-67.6664	0.000000E+00
330	414.285	-65.1869	-0.333067E-14
331	413.089	-64.1669	0.160982E-13
332	414.342	-61.6874	0.000000E+00
333	413.149	-60.6674	0.000000E+00
334	415.445	-68.7057	0.000000E+00
335	414.244	-67.6866	0.000000E+00
336	415.497	-65.2061	0.321965E-14
337	414.301	-64.1870	-0.333067E-14
338	415.551	-61.7065	0.000000E+00
339	414.358	-60.6875	0.000000E+00
340	416.658	-68.7239	0.000000E+00
341	415.460	-67.7058	0.000000E+00
342	416.710	-65.2243	-0.189293E-13
343	415.512	-64.2062	0.321965E-14
344	416.761	-61.7247	0.000000E+00
345	415.566	-60.7066	0.000000E+00
346	417.811	-68.7403	0.000000E+00
347	416.673	-67.7240	0.000000E+00
348	417.859	-65.2407	-0.198175E-13
349	416.724	-64.2244	-0.189293E-13
350	417.908	-61.7410	0.000000E+00
351	416.775	-60.7248	0.000000E+00
352	419.100	-68.7576	0.000000E+00
353	417.824	-67.7404	0.000000E+00
354	419.145	-65.2579	-0.376921E-13
355	417.873	-64.2408	-0.198175E-13
356	419.191	-61.7582	0.000000E+00
357	417.921	-60.7411	0.000000E+00
358	421.519	-68.7871	0.000000E+00
359	419.112	-67.7577	0.000000E+00
360	421.559	-65.2874	0.000000E+00

361	419.157	-64.2580	-0.376921E-13
362	421.599	-61.7876	0.000000E+00
363	419.203	-60.7583	0.000000E+00
364	423.950	-68.8128	0.000000E+00
365	421.530	-67.7872	0.000000E+00
366	423.984	-65.3130	0.000000E+00
367	421.570	-64.2874	0.000000E+00
368	424.018	-61.8132	0.000000E+00
369	421.610	-60.7876	0.000000E+00
370	426.380	-68.8347	0.000000E+00
371	423.959	-67.8129	0.000000E+00
372	426.409	-65.3348	0.000000E+00
373	423.993	-64.3131	0.000000E+00
374	426.438	-61.8349	0.000000E+00
375	424.027	-60.8132	0.000000E+00
376	428.810	-68.8525	0.000000E+00
377	426.388	-67.8347	0.000000E+00
378	428.833	-65.3526	0.000000E+00
379	426.416	-64.3348	0.000000E+00
380	428.856	-61.8527	0.000000E+00
381	426.445	-60.8349	0.000000E+00
382	430.089	-68.8604	0.000000E+00
383	428.816	-67.8526	0.000000E+00
384	430.109	-65.3605	0.999201E-14
385	428.839	-64.3526	0.000000E+00
386	430.129	-61.8605	0.000000E+00
387	428.862	-60.8527	0.000000E+00
388	431.242	-68.8665	0.000000E+00
389	430.094	-67.8604	0.000000E+00
390	431.259	-65.3666	-0.154321E-13
391	430.114	-64.3605	0.999201E-14
392	431.276	-61.8666	0.000000E+00
393	430.134	-60.8605	0.000000E+00
394	433.672	-68.8766	0.000000E+00
395	431.246	-67.8665	0.000000E+00
396	433.684	-65.3766	0.000000E+00
397	431.263	-64.3666	-0.154321E-13
398	433.695	-61.8766	0.000000E+00
399	431.280	-60.8666	0.000000E+00
400	436.103	-68.8827	0.000000E+00
401	433.675	-67.8766	0.000000E+00
402	436.109	-65.3828	0.000000E+00
403	433.686	-64.3766	0.000000E+00
404	436.115	-61.8827	0.000000E+00
405	433.698	-60.8766	0.000000E+00
406	438.533	-68.8849	0.000000E+00
407	436.104	-67.8827	0.000000E+00
408	438.534	-65.3849	0.000000E+00
409	436.110	-64.3828	0.000000E+00
410	438.534	-61.8849	0.000000E+00
411	436.116	-60.8827	0.000000E+00
412	440.954	-61.8832	0.000000E+00
413	438.533	-60.8849	0.000000E+00
414	440.959	-65.3832	0.113687E-12
415	438.533	-64.3849	0.000000E+00
416	440.964	-68.8832	0.000000E+00
417	438.533	-67.8849	0.000000E+00
418	442.101	-61.8811	0.000000E+00
419	440.952	-60.8832	0.000000E+00
420	442.109	-65.3811	0.832667E-14
421	440.957	-64.3832	0.113687E-12
422	442.117	-68.8810	0.000000E+00
423	440.962	-67.8832	0.000000E+00
424	443.368	-61.8776	0.000000E+00
425	442.098	-60.8811	0.000000E+00
426	443.379	-65.3776	0.399680E-14
427	442.106	-64.3811	0.832667E-14
428	443.390	-68.8776	0.000000E+00
429	442.114	-67.8810	0.000000E+00
430	445.792	-61.8681	0.000000E+00
431	443.364	-60.8776	0.000000E+00
432	445.809	-65.3681	0.000000E+00
433	443.375	-64.3776	0.399680E-14
434	445.825	-68.8681	0.000000E+00
435	443.386	-67.8776	0.000000E+00
436	448.212	-61.8547	0.000000E+00
437	445.787	-60.8682	0.000000E+00
438	448.234	-65.3547	0.000000E+00
439	445.803	-64.3681	0.000000E+00
440	448.256	-68.8546	0.000000E+00
441	445.820	-67.8681	0.000000E+00
442	450.631	-61.8375	0.000000E+00
443	448.204	-60.8548	0.000000E+00
444	450.659	-65.3373	0.000000E+00
445	448.227	-64.3547	0.000000E+00
446	450.687	-68.8372	0.000000E+00
447	448.249	-67.8546	0.000000E+00
448	453.060	-61.8162	0.000000E+00
449	450.622	-60.8375	0.000000E+00
450	453.094	-65.3160	0.000000E+00
451	450.650	-64.3374	0.000000E+00
452	453.127	-68.8158	0.000000E+00
453	450.678	-67.8373	0.000000E+00
454	454.322	-61.8036	0.000000E+00
455	453.050	-60.8162	0.000000E+00
456	454.359	-65.3034	0.417444E-13
457	453.084	-64.3160	0.000000E+00
458	454.395	-68.8032	0.000000E+00
459	453.117	-67.8159	0.000000E+00
460	455.469	-61.7912	0.000000E+00
461	454.311	-60.8036	0.000000E+00
462	455.508	-65.2910	0.000000E+00
463	454.348	-64.3035	0.417444E-13
464	455.548	-68.7907	0.000000E+00
465	454.384	-67.8032	0.000000E+00

466	457.880	-61.7623	0.000000E+00
467	455.457	-60.7912	0.000000E+00
468	457.925	-65.2620	0.000000E+00
469	455.496	-64.2910	0.000000E+00
470	457.969	-68.7617	0.000000E+00
471	455.536	-67.7908	0.000000E+00
472	460.308	-61.7293	0.000000E+00
473	457.866	-60.7624	0.000000E+00
474	460.358	-65.2289	0.000000E+00
475	457.911	-64.2621	0.000000E+00
476	460.408	-68.7286	0.000000E+00
477	457.956	-67.7618	0.000000E+00
478	462.727	-61.6925	0.000000E+00
479	460.292	-60.7294	0.000000E+00
480	462.783	-65.1920	0.000000E+00
481	460.343	-64.2290	0.000000E+00
482	462.839	-68.6916	0.000000E+00
483	460.393	-67.7287	0.000000E+00
484	465.146	-61.6518	0.000000E+00
485	462.710	-60.6926	0.000000E+00
486	465.207	-65.1513	0.000000E+00
487	462.766	-64.1922	0.000000E+00
488	465.269	-68.6507	0.000000E+00
489	462.822	-67.6917	0.000000E+00
490	466.293	-61.6311	0.000000E+00
491	465.128	-60.6520	0.000000E+00
492	466.357	-65.1306	-0.189848E-13
493	465.190	-64.1514	0.000000E+00
494	466.422	-68.6300	0.000000E+00
495	465.251	-67.6509	0.000000E+00
496	467.571	-61.6071	0.000000E+00
497	466.274	-60.6313	0.000000E+00
498	467.638	-65.1064	-0.843769E-14
499	466.338	-64.1308	-0.189848E-13
500	467.706	-68.6058	0.000000E+00
501	466.403	-67.6301	0.000000E+00
502	469.984	-61.5587	0.000000E+00
503	467.551	-60.6073	0.000000E+00
504	470.057	-65.0580	0.000000E+00
505	467.618	-64.1066	-0.843769E-14
506	470.130	-68.5572	0.000000E+00
507	467.686	-67.6060	0.000000E+00
508	472.402	-61.5063	0.000000E+00
509	469.962	-60.5590	0.000000E+00
510	472.481	-65.0054	0.000000E+00
511	470.035	-64.0582	0.000000E+00
512	472.560	-68.5046	0.000000E+00
513	470.108	-67.5574	0.000000E+00
514	474.821	-61.4500	0.000000E+00
515	472.379	-60.5066	0.000000E+00
516	474.905	-64.9490	0.000000E+00
517	472.458	-64.0057	0.000000E+00
518	474.990	-68.4480	0.000000E+00
519	472.536	-67.5048	0.000000E+00
520	477.234	-61.3900	0.000000E+00
521	474.796	-60.4504	0.000000E+00
522	477.324	-64.8888	0.000000E+00
523	474.880	-63.9493	0.000000E+00
524	477.414	-68.3877	0.000000E+00
525	474.965	-67.4483	0.000000E+00
526	478.511	-61.3567	0.000000E+00
527	477.208	-60.3903	0.000000E+00
528	478.604	-64.8555	0.587308E-13
529	477.298	-63.8892	0.000000E+00
530	478.697	-68.3542	0.000000E+00
531	477.388	-67.3880	0.000000E+00
532	479.658	-61.3258	0.000000E+00
533	478.484	-60.3570	0.000000E+00
534	479.754	-64.8245	0.000000E+00
535	478.577	-63.8558	0.587308E-13
536	479.849	-68.3232	0.000000E+00
537	478.670	-67.3546	0.000000E+00
538	482.077	-61.2578	0.000000E+00
539	479.630	-60.3262	0.000000E+00
540	482.178	-64.7563	0.000000E+00
541	479.726	-63.8249	0.000000E+00
542	482.279	-68.2549	0.000000E+00
543	479.821	-67.3236	0.000000E+00
544	484.495	-61.1859	0.000000E+00
545	482.047	-60.2582	0.000000E+00
546	484.602	-64.6843	0.000000E+00
547	482.148	-63.7568	0.000000E+00
548	484.708	-68.1827	0.000000E+00
549	482.249	-67.2553	0.000000E+00
550	486.913	-61.1101	0.000000E+00
551	484.464	-60.1864	0.000000E+00
552	487.026	-64.6083	0.000000E+00
553	484.570	-63.6848	0.000000E+00
554	487.138	-68.1065	0.000000E+00
555	484.677	-67.1831	0.000000E+00
556	489.331	-61.0305	0.000000E+00
557	486.880	-60.1107	0.000000E+00
558	489.449	-64.5285	0.000000E+00
559	486.993	-63.6089	0.000000E+00
560	489.567	-68.0265	0.000000E+00
561	487.105	-67.1071	0.000000E+00
562	490.478	-60.9913	0.000000E+00
563	489.297	-60.0310	0.000000E+00
564	490.599	-64.4893	0.242029E-13
565	489.415	-63.5290	0.000000E+00
566	490.719	-67.9871	0.000000E+00
567	489.533	-67.0271	0.000000E+00
568	491.740	-60.9472	0.000000E+00
569	490.443	-59.9919	0.000000E+00
570	491.863	-64.4450	-0.383027E-13

571	490.564	-63.4899	0.242029E-13
572	491.987	-67.9428	0.000000E+00
573	490.684	-66.9877	0.000000E+00
574	494.167	-60.8594	0.000000E+00
575	491.704	-59.9478	0.000000E+00
576	494.296	-64.3570	0.000000E+00
577	491.827	-63.4457	-0.383027E-13
578	494.426	-67.8546	0.000000E+00
579	491.951	-66.9435	0.000000E+00
580	496.584	-60.7680	0.000000E+00
581	494.129	-59.8601	0.000000E+00
582	496.719	-64.2654	0.000000E+00
583	494.258	-63.3577	0.000000E+00
584	496.854	-67.7628	0.000000E+00
585	494.388	-66.8553	0.000000E+00
586	499.002	-60.6728	0.000000E+00
587	496.545	-59.7688	0.000000E+00
588	499.143	-64.1699	0.000000E+00
589	496.680	-63.2662	0.000000E+00
590	499.283	-67.6671	0.000000E+00
591	496.815	-66.7636	0.000000E+00
592	501.425	-60.5734	0.000000E+00
593	498.961	-59.6736	0.000000E+00
594	501.571	-64.0703	0.000000E+00
595	499.102	-63.1708	0.000000E+00
596	501.717	-67.5672	0.000000E+00
597	499.242	-66.6680	0.000000E+00
598	502.690	-60.5199	0.000000E+00
599	501.383	-59.5742	0.000000E+00
600	502.839	-64.0168	0.355271E-13
601	501.529	-63.0712	0.000000E+00
602	502.989	-67.5135	0.000000E+00
603	501.675	-66.5681	0.000000E+00
604	503.836	-60.4705	0.000000E+00
605	502.647	-59.5208	0.000000E+00
606	503.988	-63.9672	0.000000E+00
607	502.796	-63.0177	0.355271E-13
608	504.140	-67.4639	0.000000E+00
609	502.946	-66.5145	0.000000E+00
610	506.253	-60.3636	0.000000E+00
611	503.792	-59.4715	0.000000E+00
612	506.411	-63.8600	0.000000E+00
613	503.944	-62.9682	0.000000E+00
614	506.568	-67.3565	0.000000E+00
615	504.096	-66.4649	0.000000E+00
616	508.670	-60.2527	0.000000E+00
617	506.208	-59.3646	0.000000E+00
618	508.833	-63.7489	0.000000E+00
619	506.365	-62.8611	0.000000E+00
620	508.997	-67.2451	0.000000E+00
621	506.523	-66.3575	0.000000E+00
622	511.087	-60.1380	0.000000E+00
623	508.623	-59.2539	0.000000E+00
624	511.256	-63.6339	0.000000E+00
625	508.786	-62.7501	0.000000E+00
626	511.424	-67.1298	0.000000E+00
627	508.949	-66.2463	0.000000E+00
628	513.503	-60.0193	0.000000E+00
629	511.038	-59.1392	0.000000E+00
630	513.678	-63.5150	0.000000E+00
631	511.207	-62.6351	0.000000E+00
632	513.852	-67.0106	0.000000E+00
633	511.375	-66.1310	0.000000E+00
634	514.649	-59.9617	0.000000E+00
635	513.453	-59.0206	0.000000E+00
636	514.826	-63.4573	-0.143219E-13
637	513.628	-62.5163	0.000000E+00
638	515.003	-66.9528	0.000000E+00
639	513.802	-66.0119	0.000000E+00
640	515.921	-59.8967	0.000000E+00
641	514.598	-58.9630	0.000000E+00
642	516.101	-63.3921	-0.376921E-13
643	514.775	-62.4586	-0.143219E-13
644	516.281	-66.8874	0.000000E+00
645	514.952	-65.9541	0.000000E+00
646	518.336	-59.7704	0.000000E+00
647	515.869	-58.8981	0.000000E+00
648	518.521	-63.2654	0.000000E+00
649	516.049	-62.3934	-0.376921E-13
650	518.707	-66.7605	0.000000E+00
651	516.229	-65.8888	0.000000E+00
652	520.751	-59.6400	0.000000E+00
653	518.282	-58.7718	0.000000E+00
654	520.943	-63.1348	0.000000E+00
655	518.467	-62.2669	0.000000E+00
656	521.134	-66.6296	0.000000E+00
657	518.653	-65.7620	0.000000E+00
658	523.167	-59.5058	0.000000E+00
659	520.696	-58.6416	0.000000E+00
660	523.364	-63.0003	0.000000E+00
661	520.887	-62.1364	0.000000E+00
662	523.561	-66.4947	0.000000E+00
663	521.079	-65.6311	0.000000E+00
664	525.573	-59.3683	0.000000E+00
665	523.110	-58.5075	0.000000E+00
666	525.775	-62.8624	0.000000E+00
667	523.307	-62.0019	0.000000E+00
668	525.978	-66.3565	0.000000E+00
669	523.504	-65.4964	0.000000E+00
670	526.852	-59.2935	0.000000E+00
671	525.514	-58.3700	0.000000E+00
672	527.058	-62.7875	-0.287548E-13
673	525.717	-61.8641	0.000000E+00
674	527.263	-66.2814	0.000000E+00
675	525.920	-65.3582	0.000000E+00

676	527.998	-59.2257	0.000000E+00
677	526.793	-58.2953	0.000000E+00
678	528.206	-62.7195	0.000000E+00
679	526.999	-61.7893	-0.287548E-13
680	528.414	-66.2133	0.000000E+00
681	527.204	-65.2832	0.000000E+00
682	530.410	-59.0799	0.000000E+00
683	527.937	-58.2275	0.000000E+00
684	530.624	-62.5734	0.000000E+00
685	528.146	-61.7213	0.000000E+00
686	530.838	-66.0668	0.000000E+00
687	528.354	-65.2151	0.000000E+00
688	532.827	-58.9300	0.000000E+00
689	530.348	-58.0818	0.000000E+00
690	533.047	-62.4232	0.000000E+00
691	530.562	-61.5753	0.000000E+00
692	533.266	-65.9162	0.000000E+00
693	530.776	-65.0688	0.000000E+00
694	535.242	-58.7763	0.000000E+00
695	532.764	-57.9320	0.000000E+00
696	535.467	-62.2691	0.000000E+00
697	532.983	-61.4252	0.000000E+00
698	535.692	-65.7618	0.000000E+00
699	533.203	-64.9182	0.000000E+00
700	537.656	-58.6187	0.000000E+00
701	535.177	-57.7784	0.000000E+00
702	537.887	-62.1111	-0.454747E-12
703	535.402	-61.2712	0.000000E+00
704	538.118	-65.6035	0.000000E+00
705	535.627	-64.7639	0.000000E+00
706	538.801	-58.5427	0.000000E+00
707	537.590	-57.6209	0.000000E+00
708	539.034	-62.0349	0.252021E-13
709	537.821	-61.1133	-0.454747E-12
710	539.268	-65.5271	0.000000E+00
711	538.051	-64.6057	0.000000E+00
712	540.082	-58.4564	0.000000E+00
713	538.734	-57.5449	0.000000E+00
714	540.319	-61.9484	-0.105804E-12
715	538.967	-61.0372	0.252021E-13
716	540.555	-65.4404	0.000000E+00
717	539.201	-64.5293	0.000000E+00
718	542.484	-58.2919	0.000000E+00
719	540.014	-57.4587	0.000000E+00
720	542.726	-61.7835	0.000000E+00
721	540.250	-60.9507	-0.105804E-12
722	542.968	-65.2752	0.000000E+00
723	540.487	-64.4428	0.000000E+00
724	544.897	-58.1227	0.000000E+00
725	542.414	-57.2944	0.000000E+00
726	545.145	-61.6139	0.000000E+00
727	542.656	-60.7860	0.000000E+00
728	545.392	-65.1051	0.000000E+00
729	542.898	-64.2776	0.000000E+00
730	547.310	-57.9495	0.000000E+00
731	544.826	-57.1252	0.000000E+00
732	547.564	-61.4403	0.000000E+00
733	545.073	-60.6164	0.000000E+00
734	547.817	-64.9312	0.000000E+00
735	545.321	-64.1077	0.000000E+00
736	549.724	-57.7724	0.000000E+00
737	547.237	-56.9522	0.000000E+00
738	549.983	-61.2628	0.000000E+00
739	547.490	-60.4430	0.000000E+00
740	550.242	-64.7532	0.000000E+00
741	547.744	-63.9338	0.000000E+00
742	550.992	-57.6779	0.000000E+00
743	549.650	-56.7752	0.000000E+00
744	551.254	-61.1681	-0.999201E-15
745	549.909	-60.2656	0.000000E+00
746	551.515	-64.6582	0.000000E+00
747	550.168	-63.7560	0.000000E+00
748	552.136	-57.5916	0.000000E+00
749	550.916	-56.6807	0.000000E+00
750	552.400	-61.0815	0.000000E+00
751	551.178	-60.1709	-0.999201E-15
752	552.665	-64.5715	0.000000E+00
753	551.440	-63.6611	0.000000E+00
754	554.548	-57.4068	0.000000E+00
755	552.059	-56.5945	0.000000E+00
756	554.818	-60.8963	0.000000E+00
757	552.324	-60.0845	0.000000E+00
758	555.088	-64.3859	0.000000E+00
759	552.588	-63.5745	0.000000E+00
760	556.960	-57.2181	0.000000E+00
761	554.470	-56.4098	0.000000E+00
762	557.236	-60.7072	0.000000E+00
763	554.740	-59.8994	0.000000E+00
764	557.512	-64.1963	0.000000E+00
765	555.010	-63.3889	0.000000E+00
766	559.372	-57.0255	0.000000E+00
767	556.880	-56.2212	0.000000E+00
768	559.653	-60.5141	0.000000E+00
769	557.156	-59.7103	0.000000E+00
770	559.935	-64.0028	0.000000E+00
771	557.432	-63.1995	0.000000E+00
772	561.783	-56.8290	0.000000E+00
773	559.290	-56.0288	0.000000E+00
774	562.070	-60.3172	0.000000E+00
775	559.572	-59.5174	0.000000E+00
776	562.357	-63.8054	0.000000E+00
777	559.853	-63.0061	0.000000E+00
778	562.926	-56.7345	0.000000E+00
779	561.701	-55.8324	0.000000E+00
780	563.216	-60.2225	0.571210E-13

781	561.988	-59.3206	0.000000E+00
782	563.506	-63.7105	0.000000E+00
783	562.275	-62.8088	0.000000E+00
784	564.191	-56.6289	0.000000E+00
785	562.843	-55.7379	0.000000E+00
786	564.484	-60.1166	-0.116906E-12
787	563.133	-59.2260	0.571210E-13
788	564.776	-63.6043	0.000000E+00
789	563.423	-62.7139	0.000000E+00
790	566.605	-56.4244	0.000000E+00
791	564.107	-55.6324	0.000000E+00
792	566.903	-59.9116	0.000000E+00
793	564.399	-59.1202	-0.116906E-12
794	567.201	-63.3989	0.000000E+00
795	564.692	-62.6079	0.000000E+00
796	569.015	-56.2163	0.000000E+00
797	566.519	-55.4281	0.000000E+00
798	569.319	-59.7030	0.000000E+00
799	566.817	-58.9154	0.000000E+00
800	569.623	-63.1898	0.000000E+00
801	567.115	-62.4026	0.000000E+00
802	571.425	-56.0042	0.000000E+00
803	568.928	-55.2201	0.000000E+00
804	571.735	-59.4905	0.000000E+00
805	569.231	-58.7069	0.000000E+00
806	572.044	-62.9768	0.000000E+00
807	569.535	-62.1937	0.000000E+00
808	573.847	-55.7872	0.000000E+00
809	571.336	-55.0082	0.000000E+00
810	574.162	-59.2730	0.000000E+00
811	571.646	-58.4945	0.000000E+00
812	574.477	-62.7588	0.000000E+00
813	571.955	-61.9808	0.000000E+00
814	575.102	-55.6733	0.000000E+00
815	573.756	-54.7913	0.000000E+00
816	575.420	-59.1588	-0.257572E-13
817	574.071	-58.2771	0.000000E+00
818	575.738	-62.6443	0.000000E+00
819	574.387	-61.7629	0.000000E+00
820	576.244	-55.5686	0.000000E+00
821	575.010	-54.6775	0.000000E+00
822	576.565	-59.0538	0.000000E+00
823	575.329	-58.1630	-0.257572E-13
824	576.886	-62.5391	0.000000E+00
825	575.647	-61.6485	0.000000E+00
826	578.659	-55.3444	0.000000E+00
827	576.152	-54.5728	0.000000E+00
828	578.980	-58.8296	0.000000E+00
829	576.473	-58.0581	0.000000E+00
830	579.303	-62.3146	0.000000E+00
831	576.793	-61.5434	0.000000E+00
832	581.072	-55.1143	0.000000E+00
833	578.564	-54.3489	0.000000E+00
834	581.394	-58.6016	0.000000E+00
835	578.886	-57.8341	0.000000E+00
836	581.721	-62.0863	0.000000E+00
837	579.209	-61.3191	0.000000E+00
838	583.462	-54.8936	0.000000E+00
839	580.980	-54.1186	0.000000E+00
840	583.791	-58.3782	0.000000E+00
841	581.301	-57.6059	0.000000E+00
842	584.122	-61.8625	0.000000E+00
843	581.628	-61.0906	0.000000E+00
844	585.852	-54.6660	0.000000E+00
845	583.367	-53.8981	0.000000E+00
846	586.186	-58.1372	0.000000E+00
847	583.691	-57.3832	0.000000E+00
848	586.522	-61.6338	0.000000E+00
849	584.027	-60.8670	0.000000E+00
850	587.028	-54.5521	0.000000E+00
851	585.755	-53.6707	0.000000E+00
852	587.366	-58.0205	-0.473926E-14
853	586.087	-57.1421	0.000000E+00
854	587.706	-61.5193	0.000000E+00
855	586.426	-60.6385	0.000000E+00
856	588.241	-54.4158	0.000000E+00
857	586.917	-53.5584	0.000000E+00
858	588.590	-57.8984	-0.116573E-13
859	587.266	-57.0254	-0.473926E-14
860	588.939	-61.3810	0.000000E+00
861	587.595	-60.5255	0.000000E+00
862	590.629	-54.1963	0.000000E+00
863	588.150	-53.4200	0.000000E+00
864	590.976	-57.6575	0.000000E+00
865	588.489	-56.9034	-0.116573E-13
866	591.328	-61.1613	0.000000E+00
867	588.847	-60.3852	0.000000E+00
868	593.017	-53.9542	0.000000E+00
869	590.528	-53.2014	0.000000E+00
870	593.373	-57.4360	0.000000E+00
871	590.884	-56.6618	0.000000E+00
872	593.730	-60.9178	0.000000E+00
873	591.227	-60.1664	0.000000E+00
874	595.404	-53.7072	0.000000E+00
875	592.914	-52.9595	0.000000E+00
876	595.765	-57.1625	0.000000E+00
877	593.260	-56.4425	0.000000E+00
878	596.131	-60.6694	0.000000E+00
879	593.627	-59.9231	0.000000E+00
880	596.948	-53.5449	0.000000E+00
881	595.299	-52.7127	0.000000E+00
882	597.313	-56.9992	0.160982E-14
883	595.660	-56.1681	0.000000E+00
884	597.684	-60.5061	0.000000E+00
885	596.027	-59.6748	0.000000E+00

886	597.778	-53.4300	0.000000E+00
887	596.811	-52.5544	0.000000E+00
888	598.149	-56.9103	-0.166533E-14
889	597.208	-56.0048	0.160982E-14
890	598.520	-60.3906	0.000000E+00
891	597.548	-59.5155	0.000000E+00
892	600.177	-53.1988	0.000000E+00
893	597.682	-52.4346	0.000000E+00
894	600.552	-56.6522	0.000000E+00
895	598.042	-55.9160	-0.166533E-14
896	600.933	-60.1579	0.000000E+00
897	598.424	-59.3952	0.000000E+00
898	602.563	-52.9373	0.000000E+00
899	600.068	-52.2048	0.000000E+00
900	602.948	-56.4161	0.000000E+00
901	600.454	-55.6570	0.000000E+00
902	603.333	-59.8949	0.000000E+00
903	600.824	-59.1639	0.000000E+00
904	604.948	-52.6710	0.000000E+00
905	602.452	-51.9435	0.000000E+00
906	605.338	-56.1266	0.000000E+00
907	602.827	-55.4234	0.000000E+00
908	605.732	-59.6270	0.000000E+00
909	603.222	-58.9011	0.000000E+00
910	607.334	-52.3804	0.000000E+00
911	604.827	-51.6784	0.000000E+00
912	607.727	-55.8583	0.000000E+00
913	605.226	-55.1328	0.000000E+00
914	608.120	-59.3361	0.000000E+00
915	605.611	-58.6344	0.000000E+00
916	607.503	-52.3804	0.000000E+00
917	607.334	-51.3804	0.000000E+00
918	607.900	-55.8387	-0.280331E-13
919	607.615	-54.8646	0.000000E+00
920	608.302	-59.3347	0.000000E+00
921	608.113	-58.3361	0.000000E+00
922	609.717	-52.1239	0.000000E+00
923	607.388	-51.3870	0.000000E+00
924	610.121	-55.5856	0.000000E+00
925	607.787	-54.8452	-0.280331E-13
926	610.529	-59.0767	0.000000E+00
927	608.187	-58.3413	0.000000E+00
928	612.101	-51.8431	0.000000E+00
929	609.600	-51.1308	0.000000E+00
930	612.514	-55.3187	0.000000E+00
931	610.010	-54.5918	0.000000E+00
932	612.927	-58.7942	0.000000E+00
933	610.412	-58.0835	0.000000E+00
934	614.484	-51.5575	0.000000E+00
935	611.982	-50.8502	0.000000E+00
936	614.903	-55.0294	0.000000E+00
937	612.394	-54.3259	0.000000E+00
938	615.324	-58.5069	0.000000E+00
939	612.808	-57.8013	0.000000E+00
940	615.079	-51.4853	0.000000E+00
941	614.363	-50.5648	0.000000E+00
942	615.499	-54.9590	0.000000E+00
943	614.786	-54.0363	0.000000E+00
944	615.919	-58.4347	0.000000E+00
945	615.204	-57.5142	0.000000E+00
946	380.553	-59.0822	0.000000E+00
947	379.489	-60.7171	0.000000E+00
948	380.582	-58.3328	0.000000E+00
949	379.554	-59.0434	0.000000E+00
950	380.123	-70.1739	0.000000E+00
951	382.551	-70.2662	0.000000E+00
952	380.152	-69.4244	0.000000E+00
953	382.580	-69.5167	0.000000E+00
954	382.963	-59.1738	0.000000E+00
955	382.992	-58.4244	0.000000E+00
956	383.580	-69.5555	0.000000E+00
957	383.641	-67.8793	0.000000E+00
958	383.938	-64.3886	-0.593414E-13
959	381.606	-64.3018	-0.593414E-13
960	381.902	-60.8113	0.000000E+00
961	381.963	-59.1350	0.000000E+00
962	384.996	-70.3551	0.000000E+00
963	385.023	-69.6056	0.000000E+00
964	385.390	-59.2621	0.000000E+00
965	385.417	-58.5126	0.000000E+00
966	383.996	-70.3196	0.000000E+00
967	384.023	-69.5700	0.000000E+00
968	383.916	-67.8901	0.000000E+00
969	384.041	-64.3923	0.000000E+00
970	384.332	-60.9004	0.000000E+00
971	384.391	-59.2266	0.000000E+00
972	387.417	-70.4393	0.000000E+00
973	387.444	-69.6898	0.000000E+00
974	387.792	-59.3457	0.000000E+00
975	387.819	-58.5961	0.000000E+00
976	388.443	-69.7253	0.000000E+00
977	388.499	-68.0493	0.000000E+00
978	387.500	-68.0156	-2.50000
979	387.500	-69.0156	-2.50000
980	388.785	-64.5574	0.000000E+00
981	386.453	-64.4781	0.000000E+00
982	387.737	-61.0197	-2.50000
983	387.737	-62.0197	-2.50000
984	386.738	-60.9868	0.000000E+00
985	386.793	-59.3101	0.000000E+00
986	389.843	-70.5198	0.000000E+00
987	389.867	-69.7702	0.000000E+00
988	390.202	-59.4256	0.000000E+00
989	390.227	-58.6760	0.000000E+00
990	388.844	-70.4874	0.000000E+00

991	388.868	-69.7378	0.000000E+00
992	388.756	-68.0582	0.000000E+00
993	388.869	-64.5601	0.000000E+00
994	389.149	-61.0673	0.000000E+00
995	389.203	-59.3932	0.000000E+00
996	392.283	-70.5968	0.000000E+00
997	392.307	-69.8472	0.000000E+00
998	392.623	-59.5020	0.000000E+00
999	392.647	-58.7524	0.000000E+00
1000	393.307	-69.8795	0.000000E+00
1001	393.358	-68.2035	0.000000E+00
1002	393.632	-64.7104	0.341061E-12
1003	391.300	-64.6387	0.341061E-12
1004	391.574	-61.1468	0.000000E+00
1005	391.623	-59.4696	0.000000E+00
1006	394.717	-70.6696	0.000000E+00
1007	394.739	-69.9200	0.000000E+00
1008	395.041	-59.5744	0.000000E+00
1009	395.063	-58.8247	0.000000E+00
1010	393.718	-70.6405	0.000000E+00
1011	393.740	-69.8908	0.000000E+00
1012	393.622	-68.2116	0.000000E+00
1013	393.724	-64.7131	-0.587863E-13
1014	393.992	-61.2194	0.000000E+00
1015	394.041	-59.5452	0.000000E+00
1016	397.152	-70.7386	0.000000E+00
1017	397.174	-69.9889	0.000000E+00
1018	397.456	-59.6428	0.000000E+00
1019	397.478	-58.8931	0.000000E+00
1020	398.174	-70.0180	0.000000E+00
1021	398.217	-68.3406	0.000000E+00
1022	398.480	-64.8478	0.000000E+00
1023	396.148	-64.7836	0.000000E+00
1024	396.411	-61.2897	0.000000E+00
1025	396.457	-59.6136	0.000000E+00
1026	399.586	-70.8016	0.000000E+00
1027	399.606	-70.0519	0.000000E+00
1028	399.872	-59.7053	0.000000E+00
1029	399.892	-58.9556	0.000000E+00
1030	398.586	-70.7741	0.000000E+00
1031	398.607	-70.0228	0.000000E+00
1032	398.489	-68.3493	0.000000E+00
1033	398.579	-64.8505	0.000000E+00
1034	398.836	-61.3606	0.000000E+00
1035	398.872	-59.6778	0.000000E+00
1036	402.019	-70.8647	0.000000E+00
1037	402.039	-70.1149	0.000000E+00
1038	402.287	-59.7679	0.000000E+00
1039	402.307	-59.0182	0.000000E+00
1040	403.038	-70.1408	0.000000E+00
1041	403.077	-68.4635	0.000000E+00
1042	403.329	-64.9697	0.000000E+00
1043	400.996	-64.9130	0.000000E+00
1044	401.248	-61.4184	0.000000E+00
1045	401.288	-59.7420	0.000000E+00
1046	404.453	-70.9199	0.000000E+00
1047	404.471	-70.1701	0.000000E+00
1048	404.703	-59.8227	0.000000E+00
1049	404.721	-59.0729	0.000000E+00
1050	403.453	-70.8956	0.000000E+00
1051	403.471	-70.1552	0.000000E+00
1052	403.330	-68.4706	0.000000E+00
1053	403.409	-64.9715	0.000000E+00
1054	403.655	-61.4699	0.000000E+00
1055	403.704	-59.7984	0.000000E+00
1056	406.887	-70.9750	0.000000E+00
1057	406.904	-70.2252	0.000000E+00
1058	407.119	-59.8775	0.000000E+00
1059	407.136	-59.1277	0.000000E+00
1060	407.903	-70.2479	0.000000E+00
1061	407.937	-68.5708	0.000000E+00
1062	408.178	-65.0759	0.522637E-13
1063	405.845	-65.0267	0.522637E-13
1064	406.085	-61.5316	0.000000E+00
1065	406.119	-59.8548	0.000000E+00
1066	409.320	-71.0224	0.000000E+00
1067	409.336	-70.2726	0.000000E+00
1068	409.532	-59.9264	0.000000E+00
1069	409.547	-59.1765	0.000000E+00
1070	408.321	-71.0013	0.000000E+00
1071	408.336	-70.2538	0.000000E+00
1072	408.201	-68.5770	0.000000E+00
1073	408.269	-65.0777	0.000000E+00
1074	408.504	-61.5840	0.000000E+00
1075	408.532	-59.9069	0.000000E+00
1076	411.754	-71.0697	0.000000E+00
1077	411.769	-70.3199	0.000000E+00
1078	411.951	-59.9715	0.000000E+00
1079	411.966	-59.2216	0.000000E+00
1080	412.769	-70.3393	0.000000E+00
1081	412.798	-68.6624	0.000000E+00
1082	413.027	-65.1664	0.000000E+00
1083	410.694	-65.1248	0.000000E+00
1084	410.923	-61.6293	0.000000E+00
1085	410.951	-59.9520	0.000000E+00
1086	414.188	-71.1092	0.000000E+00
1087	414.202	-70.3593	0.000000E+00
1088	414.367	-60.0107	0.000000E+00
1089	414.380	-59.2608	0.000000E+00
1090	413.188	-71.0914	0.000000E+00
1091	413.202	-70.3435	0.000000E+00
1092	413.062	-68.6675	0.000000E+00
1093	413.118	-65.1680	-0.333067E-14
1094	413.342	-61.6722	0.000000E+00
1095	413.367	-59.9928	0.000000E+00

1096	416.622	-71.1487	0.000000E+00
1097	416.634	-70.3988	0.000000E+00
1098	416.783	-60.0499	0.000000E+00
1099	416.795	-59.3000	0.000000E+00
1100	417.634	-70.4150	0.000000E+00
1101	417.658	-68.7383	0.000000E+00
1102	417.876	-65.2413	-0.189293E-13
1103	415.543	-65.2072	-0.189293E-13
1104	415.761	-61.7113	0.000000E+00
1105	415.783	-60.0337	0.000000E+00
1106	419.056	-71.1804	0.000000E+00
1107	419.067	-70.4305	0.000000E+00
1108	419.199	-60.0813	0.000000E+00
1109	419.210	-59.3314	0.000000E+00
1110	418.056	-71.1658	0.000000E+00
1111	418.067	-70.4111	0.000000E+00
1112	417.933	-68.7425	0.000000E+00
1113	417.979	-65.2428	-0.376921E-13
1114	418.191	-61.7530	0.000000E+00
1115	418.200	-60.0667	0.000000E+00
1116	421.490	-71.2120	0.000000E+00
1117	421.500	-70.4621	0.000000E+00
1118	421.616	-60.1127	0.000000E+00
1119	421.625	-59.3628	0.000000E+00
1120	422.500	-70.4751	0.000000E+00
1121	422.519	-68.7986	0.000000E+00
1122	422.726	-65.3006	0.000000E+00
1123	420.393	-65.2741	0.000000E+00
1124	420.599	-61.7777	0.000000E+00
1125	420.616	-60.0997	0.000000E+00
1126	423.926	-71.2358	0.000000E+00
1127	423.935	-70.4859	0.000000E+00
1128	424.033	-60.1364	0.000000E+00
1129	424.042	-59.3864	0.000000E+00
1130	422.926	-71.2245	0.000000E+00
1131	422.935	-70.4767	0.000000E+00
1132	422.783	-68.8014	0.000000E+00
1133	422.817	-65.3016	0.000000E+00
1134	423.018	-61.8042	0.000000E+00
1135	423.033	-60.1250	0.000000E+00
1136	426.361	-71.2597	0.000000E+00
1137	426.369	-70.5097	0.000000E+00
1138	426.451	-60.1600	0.000000E+00
1139	426.458	-59.4101	0.000000E+00
1140	427.369	-70.5195	0.000000E+00
1141	427.380	-68.8416	0.000000E+00
1142	427.576	-65.3443	0.000000E+00
1143	425.242	-65.3252	0.000000E+00
1144	425.438	-61.8269	0.000000E+00
1145	425.451	-60.1502	0.000000E+00
1146	428.796	-71.2756	0.000000E+00
1147	428.802	-70.5256	0.000000E+00
1148	428.867	-60.1759	0.000000E+00
1149	428.873	-59.4259	0.000000E+00
1150	427.796	-71.2674	0.000000E+00
1151	427.802	-70.5206	0.000000E+00
1152	427.644	-68.8449	0.000000E+00
1153	427.667	-65.3450	0.000000E+00
1154	427.856	-61.8461	0.000000E+00
1155	427.867	-60.1677	0.000000E+00
1156	431.230	-71.2916	0.000000E+00
1157	431.235	-70.5416	0.000000E+00
1158	431.284	-60.1917	0.000000E+00
1159	431.289	-59.4417	0.000000E+00
1160	432.235	-70.5481	0.000000E+00
1161	432.242	-68.8705	0.000000E+00
1162	432.426	-65.3723	-0.154321E-13
1163	430.092	-65.3608	-0.154321E-13
1164	430.276	-61.8621	0.000000E+00
1165	430.284	-60.1851	0.000000E+00
1166	433.664	-71.2997	0.000000E+00
1167	433.668	-70.5497	0.000000E+00
1168	433.700	-60.1997	0.000000E+00
1169	433.704	-59.4497	0.000000E+00
1170	432.664	-71.2947	0.000000E+00
1171	432.668	-70.5472	0.000000E+00
1172	432.506	-68.8727	0.000000E+00
1173	432.517	-65.3727	0.000000E+00
1174	432.695	-61.8739	0.000000E+00
1175	432.700	-60.1948	0.000000E+00
1176	436.099	-71.3078	0.000000E+00
1177	436.101	-70.5578	0.000000E+00
1178	436.116	-60.2078	0.000000E+00
1179	436.119	-59.4578	0.000000E+00
1180	437.101	-70.5611	0.000000E+00
1181	437.103	-68.8837	0.000000E+00
1182	436.103	-68.8827	-2.50000
1183	436.103	-69.8827	-2.50000
1184	437.275	-65.3848	0.000000E+00
1185	434.942	-65.3808	0.000000E+00
1186	436.115	-61.8827	-2.50000
1187	436.115	-62.8827	-2.50000
1188	435.115	-61.8817	0.000000E+00
1189	435.116	-60.2045	0.000000E+00
1190	438.533	-71.3080	0.000000E+00
1191	438.534	-70.5580	0.000000E+00
1192	438.533	-60.2080	0.000000E+00
1193	438.534	-59.4580	0.000000E+00
1194	437.533	-71.3063	0.000000E+00
1195	437.534	-70.5585	0.000000E+00
1196	437.367	-68.8848	0.000000E+00
1197	437.367	-65.3848	0.000000E+00
1198	437.534	-61.8857	0.000000E+00
1199	437.533	-60.2063	0.000000E+00
1200	440.949	-60.2083	0.000000E+00

1201	440.949	-59.4583	0.000000E+00
1202	440.967	-71.3083	0.000000E+00
1203	440.967	-70.5583	0.000000E+00
1204	439.949	-60.2082	0.000000E+00
1205	439.954	-61.8857	0.000000E+00
1206	439.792	-65.3850	0.113687E-12
1207	442.125	-65.3815	0.113687E-12
1208	441.964	-68.8813	0.000000E+00
1209	441.967	-70.5584	0.000000E+00
1210	443.366	-60.2008	0.000000E+00
1211	443.365	-59.4508	0.000000E+00
1212	443.402	-71.3007	0.000000E+00
1213	443.400	-70.5507	0.000000E+00
1214	442.366	-60.2023	0.000000E+00
1215	442.368	-61.8791	0.000000E+00
1216	442.213	-65.3813	0.399680E-14
1217	442.223	-68.8812	0.000000E+00
1218	442.400	-70.5569	0.000000E+00
1219	442.402	-71.3022	0.000000E+00
1220	445.780	-59.4432	0.000000E+00
1221	445.782	-60.1932	0.000000E+00
1222	445.834	-70.5431	0.000000E+00
1223	445.836	-71.2931	0.000000E+00
1224	444.782	-60.1964	0.000000E+00
1225	444.792	-61.8742	0.000000E+00
1226	444.642	-65.3736	0.000000E+00
1227	446.975	-65.3626	0.000000E+00
1228	446.825	-68.8632	0.000000E+00
1229	446.834	-70.5400	0.000000E+00
1230	448.196	-59.4279	0.000000E+00
1231	448.200	-60.1779	0.000000E+00
1232	448.268	-70.5277	0.000000E+00
1233	448.271	-71.2777	0.000000E+00
1234	447.200	-60.1826	0.000000E+00
1235	447.212	-61.8617	0.000000E+00
1236	447.067	-65.3621	0.000000E+00
1237	447.089	-68.8620	0.000000E+00
1238	447.268	-70.5348	0.000000E+00
1239	447.271	-71.2824	0.000000E+00
1240	450.613	-59.4126	0.000000E+00
1241	450.618	-60.1626	0.000000E+00
1242	450.702	-70.5122	0.000000E+00
1243	450.707	-71.2622	0.000000E+00
1244	449.618	-60.1689	0.000000E+00
1245	449.631	-61.8454	0.000000E+00
1246	449.492	-65.3466	0.000000E+00
1247	451.825	-65.3281	0.000000E+00
1248	451.687	-68.8278	0.000000E+00
1249	451.702	-70.5059	0.000000E+00
1250	453.028	-59.3895	0.000000E+00
1251	453.034	-60.1395	0.000000E+00
1252	453.135	-70.4890	0.000000E+00
1253	453.141	-71.2389	0.000000E+00
1254	452.034	-60.1474	0.000000E+00
1255	452.060	-61.8319	0.000000E+00
1256	451.927	-65.3272	0.000000E+00
1257	451.961	-68.8270	0.000000E+00
1258	452.135	-70.4937	0.000000E+00
1259	452.141	-71.2469	0.000000E+00
1260	455.443	-59.3664	0.000000E+00
1261	455.450	-60.1163	0.000000E+00
1262	455.568	-70.4657	0.000000E+00
1263	455.575	-71.2156	0.000000E+00
1264	454.450	-60.1259	0.000000E+00
1265	454.469	-61.8026	0.000000E+00
1266	454.342	-65.3040	0.000000E+00
1267	456.675	-65.2779	0.000000E+00
1268	456.548	-68.7784	0.000000E+00
1269	456.568	-70.4561	0.000000E+00
1270	457.858	-59.3355	0.000000E+00
1271	457.866	-60.0854	0.000000E+00
1272	458.001	-70.4346	0.000000E+00
1273	458.010	-71.1845	0.000000E+00
1274	456.866	-60.0966	0.000000E+00
1275	456.880	-61.7703	0.000000E+00
1276	456.758	-65.2769	0.000000E+00
1277	456.803	-68.7766	0.000000E+00
1278	457.001	-70.4536	0.000000E+00
1279	457.010	-71.1957	0.000000E+00
1280	460.273	-59.3046	0.000000E+00
1281	460.283	-60.0545	0.000000E+00
1282	460.434	-70.4034	0.000000E+00
1283	460.444	-71.1534	0.000000E+00
1284	459.283	-60.0673	0.000000E+00
1285	459.308	-61.7442	0.000000E+00
1286	459.192	-65.2457	0.000000E+00
1287	461.525	-65.2121	0.000000E+00
1288	461.408	-68.7133	0.000000E+00
1289	461.434	-70.3906	0.000000E+00
1290	462.688	-59.2659	0.000000E+00
1291	462.699	-60.0158	0.000000E+00
1292	462.867	-70.3645	0.000000E+00
1293	462.878	-71.1144	0.000000E+00
1294	461.699	-60.0302	0.000000E+00
1295	461.727	-61.7092	0.000000E+00
1296	461.616	-65.2107	0.000000E+00
1297	461.672	-68.7103	0.000000E+00
1298	461.867	-70.3812	0.000000E+00
1299	461.878	-71.1288	0.000000E+00
1300	465.103	-59.2272	0.000000E+00
1301	465.115	-59.9772	0.000000E+00
1302	465.300	-70.3255	0.000000E+00
1303	465.312	-71.0754	0.000000E+00
1304	464.115	-59.9932	0.000000E+00
1305	464.146	-61.6703	0.000000E+00

1306	464.041	-65.1718	0.000000E+00
1307	466.374	-65.1307	0.000000E+00
1308	466.269	-68.6325	0.000000E+00
1309	466.300	-70.3095	0.000000E+00
1310	467.518	-59.1808	0.000000E+00
1311	467.531	-59.9307	0.000000E+00
1312	467.732	-70.2787	0.000000E+00
1313	467.746	-71.0286	0.000000E+00
1314	466.531	-59.9483	0.000000E+00
1315	466.571	-61.6309	0.000000E+00
1316	466.472	-65.1289	-0.843769E-14
1317	466.539	-68.6282	0.000000E+00
1318	466.732	-70.2947	0.000000E+00
1319	466.746	-71.0462	0.000000E+00
1320	469.932	-59.1343	0.000000E+00
1321	469.947	-59.8842	0.000000E+00
1322	470.165	-70.2319	0.000000E+00
1323	470.179	-70.9818	0.000000E+00
1324	468.947	-59.9034	0.000000E+00
1325	468.984	-61.5807	0.000000E+00
1326	468.890	-65.0823	0.000000E+00
1327	471.223	-65.0336	0.000000E+00
1328	471.129	-68.5360	0.000000E+00
1329	471.165	-70.2127	0.000000E+00
1330	472.347	-59.0801	0.000000E+00
1331	472.363	-59.8299	0.000000E+00
1332	472.598	-70.1772	0.000000E+00
1333	472.613	-70.9271	0.000000E+00
1334	471.363	-59.8508	0.000000E+00
1335	471.403	-61.5300	0.000000E+00
1336	471.315	-65.0317	0.000000E+00
1337	471.393	-68.5308	0.000000E+00
1338	471.598	-70.1999	0.000000E+00
1339	471.613	-70.9479	0.000000E+00
1340	474.762	-59.0258	0.000000E+00
1341	474.778	-59.7757	0.000000E+00
1342	475.030	-70.1226	0.000000E+00
1343	475.047	-70.8724	0.000000E+00
1344	473.779	-59.7981	0.000000E+00
1345	473.821	-61.4755	0.000000E+00
1346	473.739	-64.9771	0.000000E+00
1347	476.072	-64.9209	0.000000E+00
1348	475.989	-68.4239	0.000000E+00
1349	476.030	-70.1001	0.000000E+00
1350	477.177	-58.9638	0.000000E+00
1351	477.195	-59.7136	0.000000E+00
1352	477.464	-70.0601	0.000000E+00
1353	477.482	-70.8099	0.000000E+00
1354	476.196	-59.7376	0.000000E+00
1355	476.235	-61.4133	0.000000E+00
1356	476.158	-64.9188	0.000000E+00
1357	476.248	-68.4176	0.000000E+00
1358	476.464	-70.0896	0.000000E+00
1359	476.482	-70.8339	0.000000E+00
1360	479.593	-58.9017	0.000000E+00
1361	479.612	-59.6515	0.000000E+00
1362	479.897	-69.9975	0.000000E+00
1363	479.917	-70.7473	0.000000E+00
1364	478.613	-59.6771	0.000000E+00
1365	478.659	-61.3532	0.000000E+00
1366	478.588	-64.8563	0.000000E+00
1367	480.920	-64.7926	0.000000E+00
1368	480.849	-68.2945	0.000000E+00
1369	480.897	-69.9719	0.000000E+00
1370	482.007	-58.8319	0.000000E+00
1371	482.028	-59.5816	0.000000E+00
1372	482.329	-69.9272	0.000000E+00
1373	482.350	-70.6769	0.000000E+00
1374	481.028	-59.6089	0.000000E+00
1375	481.077	-61.2869	0.000000E+00
1376	481.012	-64.7901	0.000000E+00
1377	481.113	-68.2886	0.000000E+00
1378	481.330	-69.9573	0.000000E+00
1379	481.350	-70.7042	0.000000E+00
1380	484.421	-58.7621	0.000000E+00
1381	484.443	-59.5118	0.000000E+00
1382	484.761	-69.8569	0.000000E+00
1383	484.783	-70.6066	0.000000E+00
1384	483.444	-59.5407	0.000000E+00
1385	483.495	-61.2168	0.000000E+00
1386	484.495	-61.1859	-2.50000
1387	484.495	-62.1859	-2.50000
1388	483.436	-64.7199	0.000000E+00
1389	485.768	-64.6487	0.000000E+00
1390	484.708	-68.1827	-2.50000
1391	484.708	-69.1827	-2.50000
1392	485.708	-68.1510	0.000000E+00
1393	485.761	-69.8280	0.000000E+00
1394	486.835	-58.6845	0.000000E+00
1395	486.858	-59.4341	0.000000E+00
1396	487.193	-69.7787	0.000000E+00
1397	487.216	-70.5284	0.000000E+00
1398	485.859	-59.4647	0.000000E+00
1399	485.914	-61.1428	0.000000E+00
1400	485.859	-64.6458	0.000000E+00
1401	485.972	-68.1440	0.000000E+00
1402	486.194	-69.8118	0.000000E+00
1403	486.217	-70.5589	0.000000E+00
1404	489.249	-58.6069	0.000000E+00
1405	489.274	-59.3565	0.000000E+00
1406	489.625	-69.7005	0.000000E+00
1407	489.649	-70.4501	0.000000E+00
1408	488.274	-59.3886	0.000000E+00
1409	488.332	-61.0648	0.000000E+00
1410	488.283	-64.5678	0.000000E+00

1411	490.615	-64.4891	0.000000E+00
1412	490.567	-67.9919	0.000000E+00
1413	490.625	-69.6684	0.000000E+00
1414	491.663	-58.5215	0.000000E+00
1415	491.688	-59.2711	0.000000E+00
1416	492.057	-69.6145	0.000000E+00
1417	492.082	-70.3641	0.000000E+00
1418	490.689	-59.3048	0.000000E+00
1419	490.740	-60.9778	0.000000E+00
1420	490.698	-64.4862	-0.383027E-13
1421	490.821	-67.9840	0.000000E+00
1422	491.058	-69.6561	0.000000E+00
1423	491.083	-70.3978	0.000000E+00
1424	494.077	-58.4361	0.000000E+00
1425	494.103	-59.1857	0.000000E+00
1426	494.488	-69.5285	0.000000E+00
1427	494.515	-70.2780	0.000000E+00
1428	493.104	-59.2210	0.000000E+00
1429	493.168	-60.8973	0.000000E+00
1430	493.130	-64.4001	0.000000E+00
1431	495.462	-64.3139	0.000000E+00
1432	495.425	-67.8171	0.000000E+00
1433	495.488	-69.4932	0.000000E+00
1434	496.490	-58.3430	0.000000E+00
1435	496.518	-59.0925	0.000000E+00
1436	496.920	-69.4347	0.000000E+00
1437	496.947	-70.1841	0.000000E+00
1438	495.519	-59.1294	0.000000E+00
1439	495.585	-60.8077	0.000000E+00
1440	495.554	-64.3104	0.000000E+00
1441	495.689	-67.8078	0.000000E+00
1442	495.920	-69.4736	0.000000E+00
1443	495.948	-70.2211	0.000000E+00
1444	498.904	-58.2498	0.000000E+00
1445	498.933	-58.9993	0.000000E+00
1446	499.351	-69.3408	0.000000E+00
1447	499.380	-70.0902	0.000000E+00
1448	497.933	-59.0378	0.000000E+00
1449	498.003	-60.7141	0.000000E+00
1450	497.977	-64.2168	0.000000E+00
1451	500.308	-64.1231	0.000000E+00
1452	500.282	-67.6267	0.000000E+00
1453	500.350	-69.3022	0.000000E+00
1454	501.317	-58.1489	0.000000E+00
1455	501.347	-58.8983	0.000000E+00
1456	501.782	-69.2391	0.000000E+00
1457	501.812	-69.9885	0.000000E+00
1458	500.348	-58.9385	0.000000E+00
1459	500.426	-60.6198	0.000000E+00
1460	500.405	-64.1191	0.000000E+00
1461	500.552	-67.6160	0.000000E+00
1462	500.783	-69.2777	0.000000E+00
1463	500.813	-70.0287	0.000000E+00
1464	503.730	-58.0479	0.000000E+00
1465	503.761	-58.7973	0.000000E+00
1466	504.213	-69.1374	0.000000E+00
1467	504.244	-69.8868	0.000000E+00
1468	502.762	-58.8391	0.000000E+00
1469	502.837	-60.5154	0.000000E+00
1470	502.823	-64.0179	0.000000E+00
1471	505.154	-63.9166	0.000000E+00
1472	505.139	-67.4206	0.000000E+00
1473	505.212	-69.0956	0.000000E+00
1474	506.144	-57.9392	0.000000E+00
1475	506.177	-58.6885	0.000000E+00
1476	506.645	-69.0278	0.000000E+00
1477	506.677	-69.7771	0.000000E+00
1478	505.177	-58.7319	0.000000E+00
1479	505.254	-60.4094	0.000000E+00
1480	505.245	-63.9126	0.000000E+00
1481	505.403	-67.4090	0.000000E+00
1482	505.646	-69.0735	0.000000E+00
1483	505.678	-69.8205	0.000000E+00
1484	508.558	-57.8304	0.000000E+00
1485	508.592	-58.5796	0.000000E+00
1486	509.077	-68.9183	0.000000E+00
1487	509.111	-69.6675	0.000000E+00
1488	507.593	-58.6246	0.000000E+00
1489	507.671	-60.2995	0.000000E+00
1490	507.668	-63.8033	0.000000E+00
1491	509.999	-63.6945	0.000000E+00
1492	509.995	-67.1972	0.000000E+00
1493	510.076	-68.8732	0.000000E+00
1494	510.970	-57.7139	0.000000E+00
1495	511.005	-58.4631	0.000000E+00
1496	511.507	-68.8009	0.000000E+00
1497	511.542	-69.5501	0.000000E+00
1498	510.007	-58.5097	0.000000E+00
1499	510.088	-60.1865	0.000000E+00
1500	510.090	-63.6902	0.000000E+00
1501	510.259	-67.1861	0.000000E+00
1502	510.508	-68.8503	0.000000E+00
1503	510.543	-69.5967	0.000000E+00
1504	513.383	-57.5974	0.000000E+00
1505	513.419	-58.3465	0.000000E+00
1506	513.937	-68.6835	0.000000E+00
1507	513.974	-69.4327	0.000000E+00
1508	512.420	-58.3948	0.000000E+00
1509	512.505	-60.0696	0.000000E+00
1510	512.513	-63.5731	0.000000E+00
1511	514.843	-63.4568	0.000000E+00
1512	514.851	-66.9598	0.000000E+00
1513	514.936	-68.6353	0.000000E+00
1514	515.795	-57.4731	0.000000E+00
1515	515.832	-58.2222	0.000000E+00

1516	516.367	-68.5583	0.000000E+00
1517	516.405	-69.3074	0.000000E+00
1518	514.834	-58.2720	0.000000E+00
1519	514.922	-59.9497	0.000000E+00
1520	514.936	-63.4521	-0.376921E-13
1521	515.116	-66.9475	0.000000E+00
1522	515.369	-68.6097	0.000000E+00
1523	515.406	-69.3573	0.000000E+00
1524	518.207	-57.3488	0.000000E+00
1525	518.246	-58.0979	0.000000E+00
1526	518.797	-68.4331	0.000000E+00
1527	518.836	-69.1822	0.000000E+00
1528	517.247	-58.1493	0.000000E+00
1529	517.337	-59.8242	0.000000E+00
1530	517.356	-63.3273	0.000000E+00
1531	519.686	-63.2035	0.000000E+00
1532	519.706	-66.7067	0.000000E+00
1533	519.796	-68.3817	0.000000E+00
1534	520.619	-57.2168	0.000000E+00
1535	520.658	-57.9657	0.000000E+00
1536	521.227	-68.3001	0.000000E+00
1537	521.266	-69.0491	0.000000E+00
1538	519.660	-58.0188	0.000000E+00
1539	519.753	-59.6956	0.000000E+00
1540	519.778	-63.1986	0.000000E+00
1541	519.969	-66.6934	0.000000E+00
1542	520.228	-68.3554	0.000000E+00
1543	520.268	-69.1021	0.000000E+00
1544	523.030	-57.0847	0.000000E+00
1545	523.071	-57.8336	0.000000E+00
1546	523.656	-68.1671	0.000000E+00
1547	523.697	-68.9160	0.000000E+00
1548	522.073	-57.8883	0.000000E+00
1549	522.169	-59.5631	0.000000E+00
1550	522.199	-63.0659	0.000000E+00
1551	524.529	-62.9346	0.000000E+00
1552	524.559	-66.4380	0.000000E+00
1553	524.655	-68.1124	0.000000E+00
1554	525.441	-56.9449	0.000000E+00
1555	525.484	-57.6937	0.000000E+00
1556	526.085	-68.0262	0.000000E+00
1557	526.127	-68.7750	0.000000E+00
1558	524.485	-57.7500	0.000000E+00
1559	524.574	-59.4214	0.000000E+00
1560	524.611	-62.9299	0.000000E+00
1561	524.813	-66.4240	0.000000E+00
1562	525.087	-68.0903	0.000000E+00
1563	525.129	-68.8313	0.000000E+00
1564	527.852	-56.8051	0.000000E+00
1565	527.896	-57.5538	0.000000E+00
1566	528.514	-67.8854	0.000000E+00
1567	528.558	-68.6341	0.000000E+00
1568	526.898	-57.6117	0.000000E+00
1569	527.000	-59.2865	0.000000E+00
1570	527.041	-62.7889	0.000000E+00
1571	529.371	-62.6501	0.000000E+00
1572	529.412	-66.1536	0.000000E+00
1573	529.512	-67.8275	0.000000E+00
1574	530.264	-56.6574	0.000000E+00
1575	530.309	-57.4061	0.000000E+00
1576	530.944	-67.7366	0.000000E+00
1577	530.989	-68.4853	0.000000E+00
1578	529.311	-57.4656	0.000000E+00
1579	529.412	-59.1402	0.000000E+00
1580	529.460	-62.6447	0.000000E+00
1581	529.673	-66.1381	0.000000E+00
1582	529.946	-67.8000	0.000000E+00
1583	529.990	-68.5448	0.000000E+00
1584	532.676	-56.5098	0.000000E+00
1585	532.722	-57.2584	0.000000E+00
1586	533.374	-67.5878	0.000000E+00
1587	533.420	-68.3364	0.000000E+00
1588	531.724	-57.3195	0.000000E+00
1589	531.829	-58.9927	0.000000E+00
1590	532.827	-58.9300	-2.50000
1591	532.827	-59.9300	-2.50000
1592	531.882	-62.4963	0.000000E+00
1593	534.211	-62.3500	0.000000E+00
1594	533.266	-65.9162	-2.50000
1595	533.266	-66.9162	-2.50000
1596	534.264	-65.8520	0.000000E+00
1597	534.372	-67.5267	0.000000E+00
1598	535.087	-56.3544	0.000000E+00
1599	535.134	-57.1029	0.000000E+00
1600	535.802	-67.4313	0.000000E+00
1601	535.849	-68.1798	0.000000E+00
1602	534.136	-57.1656	0.000000E+00
1603	534.244	-58.8408	0.000000E+00
1604	534.303	-62.3441	0.000000E+00
1605	534.528	-65.8369	0.000000E+00
1606	534.804	-67.4970	0.000000E+00
1607	534.851	-68.2425	0.000000E+00
1608	537.497	-56.1990	0.000000E+00
1609	537.545	-56.9475	0.000000E+00
1610	538.230	-67.2748	0.000000E+00
1611	538.278	-68.0232	0.000000E+00
1612	536.547	-57.0118	0.000000E+00
1613	536.658	-58.6849	0.000000E+00
1614	536.723	-62.1880	-0.454747E-12
1615	539.051	-62.0342	-0.454747E-12
1616	539.115	-65.5364	0.000000E+00
1617	539.228	-67.2105	0.000000E+00
1618	539.907	-56.0359	0.000000E+00
1619	539.956	-56.7842	0.000000E+00
1620	540.658	-67.1104	0.000000E+00

1621	540.707	-67.8588	0.000000E+00
1622	538.958	-56.8502	0.000000E+00
1623	539.085	-58.5317	0.000000E+00
1624	539.155	-62.0272	-0.105804E-12
1625	539.391	-65.5192	0.000000E+00
1626	539.659	-67.1716	0.000000E+00
1627	539.709	-67.9247	0.000000E+00
1628	542.316	-55.8727	0.000000E+00
1629	542.367	-56.6210	0.000000E+00
1630	543.085	-66.9461	0.000000E+00
1631	543.136	-67.6944	0.000000E+00
1632	541.369	-56.6886	0.000000E+00
1633	541.486	-58.3616	0.000000E+00
1634	541.562	-61.8642	0.000000E+00
1635	543.890	-61.7028	0.000000E+00
1636	543.965	-65.2051	0.000000E+00
1637	544.083	-66.8785	0.000000E+00
1638	544.725	-55.7018	0.000000E+00
1639	544.777	-56.4500	0.000000E+00
1640	545.512	-66.7739	0.000000E+00
1641	545.564	-67.5221	0.000000E+00
1642	543.780	-56.5192	0.000000E+00
1643	543.900	-58.1941	0.000000E+00
1644	543.981	-61.6964	0.000000E+00
1645	544.229	-65.1877	0.000000E+00
1646	544.515	-66.8454	0.000000E+00
1647	544.566	-67.5913	0.000000E+00
1648	547.135	-55.5309	0.000000E+00
1649	547.188	-56.2791	0.000000E+00
1650	547.939	-66.6017	0.000000E+00
1651	547.992	-67.3499	0.000000E+00
1652	546.190	-56.3498	0.000000E+00
1653	546.313	-58.0227	0.000000E+00
1654	546.400	-61.5248	0.000000E+00
1655	548.727	-61.3559	0.000000E+00
1656	548.814	-64.8582	0.000000E+00
1657	548.937	-66.5310	0.000000E+00
1658	549.543	-55.3523	0.000000E+00
1659	549.598	-56.1003	0.000000E+00
1660	550.366	-66.4217	0.000000E+00
1661	550.420	-67.1698	0.000000E+00
1662	548.600	-56.1727	0.000000E+00
1663	548.727	-57.8479	0.000000E+00
1664	548.820	-61.3491	0.000000E+00
1665	549.078	-64.8395	0.000000E+00
1666	549.368	-66.4957	0.000000E+00
1667	549.422	-67.2421	0.000000E+00
1668	551.952	-55.1736	0.000000E+00
1669	552.007	-55.9215	0.000000E+00
1670	552.792	-66.2417	0.000000E+00
1671	552.848	-66.9897	0.000000E+00
1672	551.010	-55.9955	0.000000E+00
1673	551.139	-57.6682	0.000000E+00
1674	551.237	-61.1697	0.000000E+00
1675	553.564	-60.9934	0.000000E+00
1676	553.662	-64.4956	0.000000E+00
1677	553.789	-66.1678	0.000000E+00
1678	554.360	-54.9872	0.000000E+00
1679	554.417	-55.7350	0.000000E+00
1680	555.218	-66.0539	0.000000E+00
1681	555.275	-66.8018	0.000000E+00
1682	553.419	-55.8106	0.000000E+00
1683	553.551	-57.4852	0.000000E+00
1684	553.655	-60.9864	0.000000E+00
1685	553.925	-64.4759	0.000000E+00
1686	554.221	-66.1313	0.000000E+00
1687	554.277	-66.8774	0.000000E+00
1688	556.768	-54.8007	0.000000E+00
1689	556.826	-55.5485	0.000000E+00
1690	557.644	-65.8661	0.000000E+00
1691	557.702	-66.6139	0.000000E+00
1692	555.829	-55.6257	0.000000E+00
1693	555.963	-57.2982	0.000000E+00
1694	556.073	-60.7991	0.000000E+00
1695	558.399	-60.6152	0.000000E+00
1696	558.508	-64.1174	0.000000E+00
1697	558.641	-65.7889	0.000000E+00
1698	559.177	-54.6064	0.000000E+00
1699	559.236	-55.3541	0.000000E+00
1700	560.070	-65.6704	0.000000E+00
1701	560.129	-66.4180	0.000000E+00
1702	558.239	-55.4329	0.000000E+00
1703	558.375	-57.1066	0.000000E+00
1704	558.490	-60.6079	0.000000E+00
1705	558.772	-64.0966	0.000000E+00
1706	559.074	-65.7515	0.000000E+00
1707	559.132	-66.4968	0.000000E+00
1708	561.585	-54.4121	0.000000E+00
1709	561.646	-55.1597	0.000000E+00
1710	562.497	-65.4746	0.000000E+00
1711	562.557	-66.2222	0.000000E+00
1712	560.649	-55.2401	0.000000E+00
1713	560.786	-56.9111	0.000000E+00
1714	560.907	-60.4129	0.000000E+00
1715	563.233	-60.2215	0.000000E+00
1716	563.354	-63.7220	0.000000E+00
1717	563.494	-65.3942	0.000000E+00
1718	563.992	-54.2102	0.000000E+00
1719	564.054	-54.9576	0.000000E+00
1720	564.921	-65.2712	0.000000E+00
1721	564.983	-66.0186	0.000000E+00
1722	563.057	-55.0396	0.000000E+00
1723	563.194	-56.7109	0.000000E+00
1724	563.321	-60.2142	-0.116906E-12
1725	563.614	-63.7019	0.000000E+00

1726	563.925	-65.3579	0.000000E+00
1727	563.986	-66.1007	0.000000E+00
1728	566.399	-54.0082	0.000000E+00
1729	566.461	-54.7556	0.000000E+00
1730	567.346	-65.0677	0.000000E+00
1731	567.409	-65.8151	0.000000E+00
1732	565.465	-54.8392	0.000000E+00
1733	565.609	-56.5100	0.000000E+00
1734	565.741	-60.0111	0.000000E+00
1735	568.066	-59.8122	0.000000E+00
1736	568.198	-63.3126	0.000000E+00
1737	568.342	-64.9841	0.000000E+00
1738	568.805	-53.7985	0.000000E+00
1739	568.869	-54.5458	0.000000E+00
1740	569.770	-64.8564	0.000000E+00
1741	569.834	-65.6037	0.000000E+00
1742	567.872	-54.6310	0.000000E+00
1743	568.019	-56.3036	0.000000E+00
1744	568.157	-59.8043	0.000000E+00
1745	568.461	-63.2911	0.000000E+00
1746	568.774	-64.9442	0.000000E+00
1747	568.837	-65.6889	0.000000E+00
1748	571.211	-53.5888	0.000000E+00
1749	571.276	-54.3359	0.000000E+00
1750	572.194	-64.6452	0.000000E+00
1751	572.259	-65.3923	0.000000E+00
1752	570.280	-54.4228	0.000000E+00
1753	570.429	-56.0933	0.000000E+00
1754	570.573	-59.5937	0.000000E+00
1755	572.897	-59.3873	0.000000E+00
1756	573.040	-62.8876	0.000000E+00
1757	573.190	-64.5583	0.000000E+00
1758	573.616	-53.3713	0.000000E+00
1759	573.683	-54.1184	0.000000E+00
1760	574.617	-64.4261	0.000000E+00
1761	574.683	-65.1731	0.000000E+00
1762	572.687	-54.2068	0.000000E+00
1763	572.851	-55.8850	0.000000E+00
1764	573.000	-59.3781	0.000000E+00
1765	573.315	-62.8639	0.000000E+00
1766	573.621	-64.5098	0.000000E+00
1767	573.687	-65.2616	0.000000E+00
1768	576.022	-53.1538	0.000000E+00
1769	576.089	-53.9008	0.000000E+00
1770	577.040	-64.2070	0.000000E+00
1771	577.108	-64.9540	0.000000E+00
1772	575.093	-53.9908	0.000000E+00
1773	575.249	-55.6611	0.000000E+00
1774	575.403	-59.1607	0.000000E+00
1775	577.727	-58.9469	0.000000E+00
1776	577.882	-62.4469	0.000000E+00
1777	578.036	-64.1170	0.000000E+00
1778	578.432	-52.9281	0.000000E+00
1779	578.500	-53.6750	0.000000E+00
1780	579.468	-63.9796	0.000000E+00
1781	579.537	-64.7265	0.000000E+00
1782	577.505	-53.7666	0.000000E+00
1783	577.663	-55.4387	0.000000E+00
1784	577.818	-58.9367	0.000000E+00
1785	578.142	-62.4225	0.000000E+00
1786	578.473	-64.0780	0.000000E+00
1787	578.541	-64.8181	0.000000E+00
1788	580.842	-52.7024	0.000000E+00
1789	580.912	-53.4491	0.000000E+00
1790	581.896	-63.7522	0.000000E+00
1791	581.966	-64.4989	0.000000E+00
1792	579.916	-53.5424	0.000000E+00
1793	580.077	-55.2104	0.000000E+00
1794	581.072	-55.1143	-2.50000
1795	581.072	-56.1143	-2.50000
1796	580.232	-58.7088	0.000000E+00
1797	582.556	-58.4927	0.000000E+00
1798	581.721	-62.0863	-2.50000
1799	581.721	-63.0863	-2.50000
1800	582.715	-61.9817	0.000000E+00
1801	582.891	-63.6590	0.000000E+00
1802	583.228	-52.4811	0.000000E+00
1803	583.298	-53.2279	0.000000E+00
1804	584.302	-63.5291	0.000000E+00
1805	584.371	-64.2759	0.000000E+00
1806	582.302	-53.3207	0.000000E+00
1807	582.467	-54.9918	0.000000E+00
1808	582.629	-58.4877	0.000000E+00
1809	582.960	-61.9728	0.000000E+00
1810	583.307	-63.6365	0.000000E+00
1811	583.376	-64.3687	0.000000E+00
1812	585.615	-52.2599	0.000000E+00
1813	585.684	-53.0067	0.000000E+00
1814	586.708	-63.3060	0.000000E+00
1815	586.777	-64.0528	0.000000E+00
1816	584.689	-53.0990	0.000000E+00
1817	584.857	-54.7664	0.000000E+00
1818	585.029	-58.2486	0.000000E+00
1819	587.351	-58.0250	0.000000E+00
1820	587.516	-61.5237	0.000000E+00
1821	587.703	-63.2137	0.000000E+00
1822	587.999	-52.0262	0.000000E+00
1823	588.070	-52.7728	0.000000E+00
1824	589.109	-63.0706	0.000000E+00
1825	589.180	-63.8172	0.000000E+00
1826	587.075	-52.8677	0.000000E+00
1827	587.247	-54.5191	0.000000E+00
1828	587.429	-58.0146	-0.116573E-13
1829	587.778	-61.4972	0.000000E+00
1830	588.114	-63.1708	0.000000E+00

1831	588.184	-63.9121	0.000000E+00
1832	590.383	-51.7925	0.000000E+00
1833	590.457	-52.5389	0.000000E+00
1834	591.510	-62.8352	0.000000E+00
1835	591.583	-63.5816	0.000000E+00
1836	589.461	-52.6364	0.000000E+00
1837	589.634	-54.2996	0.000000E+00
1838	589.822	-57.7733	0.000000E+00
1839	592.144	-57.5403	0.000000E+00
1840	592.322	-61.0532	0.000000E+00
1841	592.505	-62.7376	0.000000E+00
1842	592.768	-51.5460	0.000000E+00
1843	592.843	-52.2922	0.000000E+00
1844	593.911	-62.5869	0.000000E+00
1845	593.986	-63.3332	0.000000E+00
1846	591.848	-52.3924	0.000000E+00
1847	592.022	-54.0582	0.000000E+00
1848	592.213	-57.5549	0.000000E+00
1849	592.569	-61.0366	0.000000E+00
1850	592.917	-62.6949	0.000000E+00
1851	592.991	-63.4334	0.000000E+00
1852	595.152	-51.2995	0.000000E+00
1853	595.229	-52.0456	0.000000E+00
1854	596.312	-62.3387	0.000000E+00
1855	596.389	-63.0848	0.000000E+00
1856	594.234	-52.1484	0.000000E+00
1857	594.409	-53.8119	0.000000E+00
1858	594.613	-57.2829	0.000000E+00
1859	596.934	-57.0404	0.000000E+00
1860	597.125	-60.5616	0.000000E+00
1861	597.534	-51.0456	0.000000E+00
1862	597.307	-62.2359	0.000000E+00
1863	597.612	-51.7915	0.000000E+00
1864	598.712	-62.0829	0.000000E+00
1865	596.618	-51.8959	0.000000E+00
1866	598.790	-62.8288	0.000000E+00
1867	596.783	-53.5304	0.000000E+00
1868	596.989	-57.0340	-0.166533E-14
1869	597.360	-60.5143	0.000000E+00
1870	597.718	-62.1958	0.000000E+00
1871	599.916	-50.7916	0.000000E+00
1872	597.796	-62.9332	0.000000E+00
1873	599.996	-51.5374	0.000000E+00
1874	601.112	-61.8271	0.000000E+00
1875	599.001	-51.6434	0.000000E+00
1876	601.191	-62.5729	0.000000E+00
1877	599.183	-53.3073	0.000000E+00
1878	599.401	-56.7772	0.000000E+00
1879	601.721	-56.5253	0.000000E+00
1880	601.927	-60.0513	0.000000E+00
1881	602.299	-50.5299	0.000000E+00
1882	602.106	-61.7211	0.000000E+00
1883	602.380	-51.2756	0.000000E+00
1884	603.512	-61.5634	0.000000E+00
1885	601.385	-51.3832	0.000000E+00
1886	603.593	-62.3091	0.000000E+00
1887	601.569	-53.0470	0.000000E+00
1888	601.788	-56.5444	0.000000E+00
1889	602.173	-60.0232	0.000000E+00
1890	602.518	-61.6704	0.000000E+00
1891	604.682	-50.2682	0.000000E+00
1892	602.599	-62.4167	0.000000E+00
1893	604.763	-51.0138	0.000000E+00
1894	605.912	-61.2998	0.000000E+00
1895	603.769	-51.1229	0.000000E+00
1896	605.994	-62.0453	0.000000E+00
1897	603.954	-52.7819	0.000000E+00
1898	604.186	-56.2564	0.000000E+00
1899	606.504	-55.9951	0.000000E+00
1900	606.726	-59.5198	0.000000E+00
1901	607.061	-49.9941	0.000000E+00
1902	606.906	-61.1906	0.000000E+00
1903	607.146	-50.7393	0.000000E+00
1904	606.153	-50.8527	0.000000E+00
1905	608.308	-61.0239	0.000000E+00
1906	608.393	-61.7690	0.000000E+00
1907	606.340	-52.4939	0.000000E+00
1908	606.568	-55.9894	0.000000E+00
1909	606.961	-59.4672	0.000000E+00
1910	607.314	-61.1343	0.000000E+00
1911	609.441	-49.7200	0.000000E+00
1912	609.530	-50.4648	0.000000E+00
1913	607.399	-61.8824	0.000000E+00
1914	608.537	-50.5824	0.000000E+00
1915	610.703	-60.7480	0.000000E+00
1916	610.792	-61.4928	0.000000E+00
1917	608.723	-52.2362	0.000000E+00
1918	608.967	-55.7204	0.000000E+00
1919	611.285	-55.4497	0.000000E+00
1920	611.524	-58.9729	0.000000E+00
1921	611.820	-49.4382	0.000000E+00
1922	611.909	-50.1830	0.000000E+00
1923	611.697	-60.6304	0.000000E+00
1924	610.916	-50.3006	0.000000E+00
1925	613.101	-60.4640	0.000000E+00
1926	613.189	-61.2088	0.000000E+00
1927	611.107	-51.9581	0.000000E+00
1928	611.355	-55.4563	0.000000E+00
1929	611.768	-58.9319	0.000000E+00
1930	614.199	-49.1565	0.000000E+00
1931	612.107	-60.5680	0.000000E+00
1932	614.288	-49.9013	0.000000E+00
1933	612.196	-61.3264	0.000000E+00
1934	613.295	-50.0189	0.000000E+00
1935	615.499	-60.1801	0.000000E+00

1936	613.491	-51.6751	0.000000E+00
1937	615.587	-60.9249	0.000000E+00
1938	614.484	-51.5575	-2.50000
1939	614.484	-52.5575	-2.50000
1940	614.795	-49.0827	0.000000E+00
1941	614.887	-49.8270	0.000000E+00
1942	613.746	-55.1693	0.000000E+00
1943	613.895	-49.9500	0.000000E+00
1944	614.086	-51.6005	0.000000E+00
1945	616.063	-54.8892	0.000000E+00
1946	614.341	-55.0990	0.000000E+00
1947	615.324	-58.5069	-2.50000
1948	615.324	-59.5069	-2.50000
1949	616.318	-58.4027	0.000000E+00
1950	616.492	-60.0625	0.000000E+00
1951	616.658	-54.8189	0.000000E+00
1953	616.183	-60.8511	0.000000E+00
1954	616.102	-60.1055	0.000000E+00
1955	616.914	-58.3264	0.000000E+00
1956	617.096	-59.9972	0.000000E+00
1957	305.273	-62.9707	-1.00000
1958	305.583	-59.4844	-1.00000
1959	304.111	-62.8675	-1.00000
1960	305.893	-55.9981	-1.00000
1961	304.421	-59.3812	-1.00000
1962	310.081	-63.3900	-1.00000
1963	310.379	-59.9027	-1.00000
1964	308.918	-63.2905	-1.00000
1965	310.678	-56.4155	-1.00000
1966	309.217	-59.8032	-1.00000
1967	314.889	-63.7939	-1.00000
1968	315.177	-60.3057	-1.00000
1969	313.727	-63.6981	-1.00000
1970	315.464	-56.8175	-1.00000
1971	314.014	-60.2099	-1.00000
1972	319.699	-64.1824	-1.00000
1973	319.975	-60.6933	-1.00000
1974	318.536	-64.0903	-1.00000
1975	320.251	-57.2042	-1.00000
1976	318.812	-60.6012	-1.00000
1977	324.510	-64.5555	-1.00000
1978	324.775	-61.0656	-1.00000
1979	323.347	-64.4672	-1.00000
1980	325.040	-57.5756	-1.00000
1981	323.612	-60.9772	-1.00000
1982	329.322	-64.9132	-1.00000
1983	329.576	-61.4225	-1.00000
1984	328.159	-64.8286	-1.00000
1985	329.830	-57.9317	-1.00000
1986	328.413	-61.3378	-1.00000
1987	334.136	-65.2556	-1.00000
1988	334.378	-61.7640	-1.00000
1989	332.972	-65.1747	-1.00000
1990	334.621	-58.2724	-1.00000
1991	333.214	-61.6831	-1.00000
1992	338.950	-65.5825	-1.00000
1993	339.182	-62.0901	-1.00000
1994	337.786	-65.5053	-1.00000
1995	339.413	-58.5978	-1.00000
1996	338.017	-62.0130	-1.00000
1997	343.801	-65.8961	-1.00000
1998	344.021	-62.4031	-1.00000
1999	342.637	-65.8227	-1.00000
2000	344.242	-58.9100	-1.00000
2001	342.857	-62.3297	-1.00000
2002	348.653	-66.1942	-1.00000
2003	348.862	-62.7005	-1.00000
2004	347.489	-66.1246	-1.00000
2005	349.071	-59.2067	-1.00000
2006	347.698	-62.6308	-1.00000
2007	353.506	-66.4767	-1.00000
2008	353.704	-62.9823	-1.00000
2009	352.342	-66.4108	-1.00000
2010	353.902	-59.4879	-1.00000
2011	352.539	-62.9164	-1.00000
2012	358.360	-66.7435	-1.00000
2013	358.547	-63.2485	-1.00000
2014	357.195	-66.6814	-1.00000
2015	358.733	-59.7535	-1.00000
2016	357.382	-63.1863	-1.00000
2017	363.215	-66.9947	-1.00000
2018	363.390	-63.4991	-1.00000
2019	362.050	-66.9363	-1.00000
2020	363.566	-60.0035	-1.00000
2021	362.225	-63.4407	-1.00000
2022	368.071	-67.2302	-1.00000
2023	368.235	-63.7340	-1.00000
2024	366.905	-67.1755	-1.00000
2025	368.399	-60.2379	-1.00000
2026	367.069	-63.6794	-1.00000
2027	372.927	-67.4500	-1.00000
2028	373.080	-63.9534	-1.00000
2029	371.761	-67.3992	-1.00000
2030	373.232	-60.4567	-1.00000
2031	371.914	-63.9025	-1.00000
2032	377.784	-67.6542	-1.00000
2033	377.925	-64.1571	-1.00000
2034	376.618	-67.6071	-1.00000
2035	378.067	-60.6600	-1.00000
2036	376.760	-64.1100	-1.00000
2037	382.642	-67.8428	-1.00000
2038	382.772	-64.3452	-1.00000
2039	381.476	-67.7994	-1.00000
2040	382.902	-60.8476	-1.00000
2041	381.606	-64.3018	-1.00000

2042	387.500	-68.0156	-1.00000
2043	387.619	-64.5177	-1.00000
2044	386.334	-67.9760	-1.00000
2045	387.737	-61.0197	-1.00000
2046	386.453	-64.4781	-1.00000
2047	392.359	-68.1729	-1.00000
2048	392.466	-64.6745	-1.00000
2049	391.192	-68.1370	-1.00000
2050	392.574	-61.1762	-1.00000
2051	391.300	-64.6387	-1.00000
2052	397.218	-68.3144	-1.00000
2053	397.314	-64.8157	-1.00000
2054	396.052	-68.2823	-1.00000
2055	397.410	-61.3171	-1.00000
2056	396.148	-64.7836	-1.00000
2057	402.077	-68.4403	-1.00000
2058	402.162	-64.9413	-1.00000
2059	400.911	-68.4120	-1.00000
2060	402.247	-61.4424	-1.00000
2061	400.996	-64.9130	-1.00000
2062	406.937	-68.5505	-1.00000
2063	407.011	-65.0513	-1.00000
2064	405.771	-68.5259	-1.00000
2065	407.085	-61.5521	-1.00000
2066	405.845	-65.0267	-1.00000
2067	411.798	-68.6450	-1.00000
2068	411.860	-65.1456	-1.00000
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2479	465.269	-69.6507	-1.00000
2480	469.984	-62.5587	-1.00000
2481	470.130	-69.5572	-1.00000
2482	474.821	-62.4500	-1.00000
2483	474.990	-69.4480	-1.00000
2484	479.658	-62.3258	-1.00000
2485	479.849	-69.3232	-1.00000
2486	484.495	-62.1859	-1.00000
2487	484.708	-69.1827	-1.00000
2488	489.331	-62.0305	-1.00000
2489	489.567	-69.0265	-1.00000
2490	494.167	-61.8594	-1.00000
2491	494.426	-68.8546	-1.00000
2492	499.002	-61.6728	-1.00000
2493	499.283	-68.6671	-1.00000
2494	503.836	-61.4705	-1.00000
2495	504.140	-68.4639	-1.00000
2496	508.670	-61.2527	-1.00000
2497	508.997	-68.2451	-1.00000
2498	513.503	-61.0193	-1.00000
2499	513.852	-68.0106	-1.00000
2500	518.336	-60.7704	-1.00000
2501	518.707	-67.7605	-1.00000
2502	523.167	-60.5058	-1.00000
2503	523.561	-67.4947	-1.00000
2504	527.998	-60.2257	-1.00000
2505	528.414	-67.2133	-1.00000
2506	532.827	-59.9300	-1.00000
2507	533.266	-66.9162	-1.00000
2508	537.656	-59.6187	-1.00000
2509	538.118	-66.6035	-1.00000
2510	542.484	-59.2919	-1.00000
2511	542.968	-66.2752	-1.00000
2512	547.310	-58.9495	-1.00000
2513	547.817	-65.9312	-1.00000
2514	552.136	-58.5916	-1.00000
2515	552.665	-65.5715	-1.00000
2516	556.960	-58.2181	-1.00000
2517	557.512	-65.1963	-1.00000
2518	561.783	-57.8290	-1.00000
2519	562.357	-64.8054	-1.00000
2520	566.605	-57.4244	-1.00000
2521	567.201	-64.3989	-1.00000
2522	571.425	-57.0042	-1.00000
2523	572.044	-63.9768	-1.00000
2524	576.244	-56.5686	-1.00000
2525	576.886	-63.5391	-1.00000
2526	581.072	-56.1143	-1.00000
2527	581.721	-63.0863	-1.00000
2528	585.852	-55.6660	-1.00000
2529	586.522	-62.6338	-1.00000
2530	590.629	-55.1963	-1.00000
2531	591.328	-62.1613	-1.00000
2532	595.404	-54.7072	-1.00000
2533	596.131	-61.6694	-1.00000
2534	600.177	-54.1988	-1.00000
2535	600.933	-61.1579	-1.00000
2536	604.948	-53.6710	-1.00000
2537	605.732	-60.6270	-1.00000
2538	609.717	-53.1239	-1.00000
2539	610.529	-60.0767	-1.00000
2540	614.484	-52.5575	-1.00000
2541	615.324	-59.5069	-1.00000
2542	304.527	-64.5857	0.000000E+00
2543	304.460	-65.3327	0.000000E+00
2544	305.523	-64.6748	0.000000E+00
2545	305.672	-63.0063	0.000000E+00
2546	305.058	-65.3862	0.000000E+00
2547	305.123	-64.6390	0.000000E+00
2548	306.147	-59.5344	0.000000E+00
2549	306.119	-64.7259	0.000000E+00
2550	303.823	-59.3280	0.000000E+00
2551	306.269	-63.0605	0.000000E+00
2552	305.273	-62.9707	-2.50000
2553	305.273	-63.9707	-2.50000
2554	305.442	-54.2762	0.000000E+00
2555	304.299	-55.8573	0.000000E+00
2556	306.745	-59.5876	0.000000E+00
2557	305.509	-53.5292	0.000000E+00
2558	304.446	-54.1871	0.000000E+00
2559	304.421	-59.3812	0.000000E+00
2560	306.041	-54.3298	0.000000E+00
2561	306.106	-53.5827	0.000000E+00
2562	305.893	-55.9981	-2.50000
2563	305.893	-56.9981	-2.50000
2564	304.896	-55.9095	0.000000E+00
2565	305.045	-54.2429	0.000000E+00
2566	307.468	-65.5984	0.000000E+00

2567	307.533	-64.8512	0.000000E+00
2568	308.433	-54.5403	0.000000E+00
2569	308.498	-53.7932	0.000000E+00
2570	306.472	-65.5115	0.000000E+00
2571	306.537	-64.7643	0.000000E+00
2572	306.517	-63.0818	0.000000E+00
2573	306.819	-59.5934	0.000000E+00
2574	307.291	-56.1220	0.000000E+00
2575	307.436	-54.4534	0.000000E+00
2576	309.874	-65.8062	0.000000E+00
2577	309.939	-65.0591	0.000000E+00
2578	310.819	-54.7466	0.000000E+00
2579	310.884	-53.9994	0.000000E+00
2580	310.935	-65.1460	0.000000E+00
2581	311.077	-63.4746	0.000000E+00
2582	311.542	-60.0023	0.000000E+00
2583	309.217	-59.8032	0.000000E+00
2584	309.681	-56.3310	0.000000E+00
2585	309.823	-54.6597	0.000000E+00
2586	312.274	-66.0098	0.000000E+00
2587	312.337	-65.2624	0.000000E+00
2588	313.203	-54.9488	0.000000E+00
2589	313.266	-54.2014	0.000000E+00
2590	311.278	-65.9261	0.000000E+00
2591	311.341	-65.1787	0.000000E+00
2592	311.315	-63.4956	0.000000E+00
2593	311.608	-60.0079	0.000000E+00
2594	312.067	-56.5341	0.000000E+00
2595	312.207	-54.8651	0.000000E+00
2596	314.691	-66.2109	0.000000E+00
2597	314.754	-65.4635	0.000000E+00
2598	315.601	-55.1482	0.000000E+00
2599	315.664	-54.4009	0.000000E+00
2600	315.750	-65.5472	0.000000E+00
2601	315.886	-63.8747	0.000000E+00
2602	316.339	-60.4015	0.000000E+00
2603	314.014	-60.2099	0.000000E+00
2604	314.467	-56.7355	0.000000E+00
2605	314.605	-55.0645	0.000000E+00
2606	317.108	-66.4080	0.000000E+00
2607	317.169	-65.6605	0.000000E+00
2608	318.002	-55.3441	0.000000E+00
2609	318.062	-54.5965	0.000000E+00
2610	316.111	-66.3275	0.000000E+00
2611	316.172	-65.5800	0.000000E+00
2612	316.140	-63.9000	0.000000E+00
2613	316.413	-60.4044	0.000000E+00
2614	316.870	-56.9330	0.000000E+00
2615	317.005	-55.2636	0.000000E+00
2616	319.507	-66.5999	0.000000E+00
2617	319.568	-65.8523	0.000000E+00
2618	320.382	-55.5344	0.000000E+00
2619	320.442	-54.7868	0.000000E+00
2620	320.564	-65.9328	0.000000E+00
2621	320.696	-64.2609	0.000000E+00
2622	321.138	-60.7854	0.000000E+00
2623	318.812	-60.6012	0.000000E+00
2624	319.255	-57.1263	0.000000E+00
2625	319.385	-55.4539	0.000000E+00
2626	321.917	-66.7887	0.000000E+00
2627	321.975	-66.0409	0.000000E+00
2628	322.775	-55.7219	0.000000E+00
2629	322.833	-54.9742	0.000000E+00
2630	320.920	-66.7114	0.000000E+00
2631	320.978	-65.9636	0.000000E+00
2632	320.941	-64.2807	0.000000E+00
2633	321.212	-60.7911	0.000000E+00
2634	321.649	-57.3145	0.000000E+00
2635	321.778	-55.6446	0.000000E+00
2636	324.327	-66.9737	0.000000E+00
2637	324.385	-66.2259	0.000000E+00
2638	325.166	-55.9054	0.000000E+00
2639	325.224	-55.1577	0.000000E+00
2640	325.382	-66.3032	0.000000E+00
2641	325.507	-64.6302	0.000000E+00
2642	325.938	-61.1539	0.103806E-13
2643	323.612	-60.9772	0.103806E-13
2644	324.043	-57.5002	0.000000E+00
2645	324.169	-55.8281	0.000000E+00
2646	326.727	-67.1540	0.000000E+00
2647	326.783	-66.4060	0.000000E+00
2648	327.550	-56.0845	0.000000E+00
2649	327.605	-55.3366	0.000000E+00
2650	325.730	-67.0798	0.000000E+00
2651	325.785	-66.3319	0.000000E+00
2652	325.744	-64.6460	0.000000E+00
2653	326.012	-61.1625	0.000000E+00
2654	326.428	-57.6807	0.000000E+00
2655	326.553	-56.0104	0.000000E+00
2656	329.146	-67.3318	0.000000E+00
2657	329.201	-66.5839	0.000000E+00
2658	329.949	-56.2610	0.000000E+00
2659	330.005	-55.5130	0.000000E+00
2660	330.198	-66.6580	0.000000E+00
2661	330.320	-64.9856	0.000000E+00
2662	330.740	-61.5070	0.000000E+00
2663	328.413	-61.3378	0.000000E+00
2664	328.833	-57.8604	0.000000E+00
2665	328.952	-56.1868	0.000000E+00
2666	331.564	-67.5058	0.000000E+00
2667	331.618	-66.7577	0.000000E+00
2668	332.352	-56.4337	0.000000E+00
2669	332.405	-55.6856	0.000000E+00
2670	330.567	-67.4349	0.000000E+00
2671	330.620	-66.6867	0.000000E+00

2672	330.573	-65.0041	0.000000E+00
2673	330.821	-61.5129	0.000000E+00
2674	331.235	-58.0335	0.000000E+00
2675	331.354	-56.3628	0.000000E+00
2676	333.968	-67.6748	0.000000E+00
2677	334.020	-66.9266	0.000000E+00
2678	334.736	-56.6014	0.000000E+00
2679	334.789	-55.8533	0.000000E+00
2680	335.017	-66.9958	0.000000E+00
2681	335.133	-65.3248	0.000000E+00
2682	335.542	-61.8448	-0.274780E-13
2683	333.214	-61.6830	-0.274780E-13
2684	333.623	-58.2037	0.000000E+00
2685	333.739	-56.5305	0.000000E+00
2686	336.377	-67.8403	0.000000E+00
2687	336.427	-67.0920	0.000000E+00
2688	337.129	-56.7658	0.000000E+00
2689	337.179	-56.0175	0.000000E+00
2690	335.379	-67.7725	0.000000E+00
2691	335.430	-67.0242	0.000000E+00
2692	335.377	-65.3411	0.000000E+00
2693	335.616	-61.8506	0.000000E+00
2694	336.017	-58.3691	0.000000E+00
2695	336.131	-56.6980	0.000000E+00
2696	338.788	-68.0121	0.000000E+00
2697	338.838	-67.2637	0.000000E+00
2698	339.519	-56.9362	0.000000E+00
2699	339.572	-56.1880	0.000000E+00
2700	339.835	-67.3304	0.000000E+00
2701	339.948	-65.6491	0.000000E+00
2702	338.950	-65.5825	-2.50000
2703	338.950	-66.5825	-2.50000
2704	340.346	-62.1673	0.000000E+00
2705	338.017	-62.0130	0.000000E+00
2706	339.413	-58.5978	-2.50000
2707	339.413	-59.5978	-2.50000
2708	338.415	-58.5341	0.000000E+00
2709	338.522	-56.8664	0.000000E+00
2710	341.216	-68.1611	0.000000E+00
2711	341.265	-67.4126	0.000000E+00
2712	341.933	-57.0842	0.000000E+00
2713	341.981	-56.3358	0.000000E+00
2714	340.218	-68.0965	0.000000E+00
2715	340.267	-67.3481	0.000000E+00
2716	340.208	-65.6657	0.000000E+00
2717	340.434	-62.1730	0.000000E+00
2718	340.827	-58.6911	0.000000E+00
2719	340.935	-57.0197	0.000000E+00
2720	343.649	-68.3165	0.000000E+00
2721	343.696	-67.5679	0.000000E+00
2722	344.348	-57.2385	0.000000E+00
2723	344.395	-56.4900	0.000000E+00
2724	344.694	-67.6305	0.000000E+00
2725	344.799	-65.9587	0.000000E+00
2726	345.186	-62.4765	0.568434E-13
2727	342.857	-62.3297	0.568434E-13
2728	343.244	-58.8464	0.000000E+00
2729	343.350	-57.1760	0.000000E+00
2730	346.083	-68.4680	0.000000E+00
2731	346.129	-67.7194	0.000000E+00
2732	346.764	-57.3888	0.000000E+00
2733	346.810	-56.6403	0.000000E+00
2734	345.085	-68.4066	0.000000E+00
2735	345.131	-67.6580	0.000000E+00
2736	345.067	-65.9759	0.000000E+00
2737	345.282	-62.4825	0.309197E-13
2738	345.663	-58.9993	0.000000E+00
2739	345.766	-57.3275	0.000000E+00
2740	348.509	-68.6150	0.000000E+00
2741	348.554	-67.8664	0.000000E+00
2742	349.171	-57.5348	0.000000E+00
2743	349.217	-56.7862	0.000000E+00
2744	349.552	-67.9259	0.000000E+00
2745	349.652	-66.2538	0.000000E+00
2746	350.027	-62.7702	0.000000E+00
2747	347.698	-62.6308	0.000000E+00
2748	348.073	-59.1475	0.000000E+00
2749	348.172	-57.4734	0.000000E+00
2750	350.951	-68.7591	0.000000E+00
2751	350.994	-68.0104	0.000000E+00
2752	351.596	-57.6779	0.000000E+00
2753	351.639	-56.9291	0.000000E+00
2754	349.953	-68.7010	0.000000E+00
2755	349.996	-67.9523	0.000000E+00
2756	349.927	-66.2704	0.000000E+00
2757	350.130	-62.7763	0.000000E+00
2758	350.500	-59.2919	0.000000E+00
2759	350.597	-57.6198	0.000000E+00
2760	353.369	-68.8979	0.000000E+00
2761	353.412	-68.1491	0.000000E+00
2762	353.995	-57.8156	0.000000E+00
2763	354.039	-57.0668	0.000000E+00
2764	354.410	-68.2056	0.000000E+00
2765	354.505	-66.5332	0.000000E+00
2766	354.869	-63.0482	0.000000E+00
2767	352.539	-62.9164	0.000000E+00
2768	352.903	-59.4321	0.000000E+00
2769	352.997	-57.7575	0.000000E+00
2770	355.793	-69.0331	0.000000E+00
2771	355.834	-68.2842	0.000000E+00
2772	356.403	-57.9499	0.000000E+00
2773	356.444	-57.2010	0.000000E+00
2774	354.795	-68.9782	0.000000E+00
2775	354.836	-68.2294	0.000000E+00
2776	354.761	-66.5477	0.000000E+00

2777	354.954	-63.0529	0.000000E+00
2778	355.312	-59.5674	0.000000E+00
2779	355.404	-57.8950	0.000000E+00
2780	358.231	-69.1651	0.000000E+00
2781	358.272	-68.4163	0.000000E+00
2782	358.821	-58.0808	0.000000E+00
2783	358.862	-57.3320	0.000000E+00
2784	359.270	-68.4711	0.000000E+00
2785	359.359	-66.7964	0.000000E+00
2786	359.712	-63.3106	-0.888178E-15
2787	357.382	-63.1863	-0.888178E-15
2788	357.735	-59.7012	0.000000E+00
2789	357.822	-58.0259	0.000000E+00
2790	360.663	-69.2929	0.000000E+00
2791	360.702	-68.5439	0.000000E+00
2792	361.236	-58.2078	0.000000E+00
2793	361.275	-57.4588	0.000000E+00
2794	359.664	-69.2413	0.000000E+00
2795	359.703	-68.4923	0.000000E+00
2796	359.623	-66.8110	0.000000E+00
2797	359.803	-63.3153	0.000000E+00
2798	360.151	-59.8288	0.000000E+00
2799	360.238	-58.1561	0.000000E+00
2800	363.093	-69.4167	0.000000E+00
2801	363.132	-68.6677	0.000000E+00
2802	363.647	-58.3305	0.000000E+00
2803	363.686	-57.5815	0.000000E+00
2804	364.130	-68.7193	0.000000E+00
2805	364.214	-67.0446	0.000000E+00
2806	364.556	-63.5575	0.000000E+00
2807	362.225	-63.4407	0.000000E+00
2808	362.567	-59.9547	0.000000E+00
2809	362.649	-58.2789	0.000000E+00
2810	365.533	-69.5370	0.000000E+00
2811	365.570	-68.7879	0.000000E+00
2812	366.071	-58.4500	0.000000E+00
2813	366.107	-57.7009	0.000000E+00
2814	364.535	-69.4886	0.000000E+00
2815	364.571	-68.7395	0.000000E+00
2816	364.485	-67.0609	0.000000E+00
2817	364.647	-63.5593	0.000000E+00
2818	364.991	-60.0746	0.000000E+00
2819	365.072	-58.4016	0.000000E+00
2820	367.958	-69.6527	0.000000E+00
2821	367.995	-68.9035	0.000000E+00
2822	368.477	-58.5648	0.000000E+00
2823	368.513	-57.8157	0.000000E+00
2824	368.993	-68.9520	0.000000E+00
2825	369.070	-67.2756	0.000000E+00
2826	369.400	-63.7887	0.000000E+00
2827	367.069	-63.6794	0.000000E+00
2828	367.400	-60.1910	0.000000E+00
2829	367.478	-58.5163	0.000000E+00
2830	370.378	-69.7642	0.000000E+00
2831	370.412	-69.0149	0.000000E+00
2832	370.880	-58.6755	0.000000E+00
2833	370.914	-57.9263	0.000000E+00
2834	369.379	-69.7189	0.000000E+00
2835	369.413	-68.9697	0.000000E+00
2836	369.322	-67.2888	0.000000E+00
2837	369.481	-63.7924	-0.489053E-13
2838	369.806	-60.3035	0.000000E+00
2839	369.881	-58.6303	0.000000E+00
2840	372.822	-69.8728	0.000000E+00
2841	372.856	-69.1236	0.000000E+00
2842	373.305	-58.7834	0.000000E+00
2843	373.339	-58.0341	0.000000E+00
2844	373.855	-69.1688	0.000000E+00
2845	373.926	-67.4925	0.000000E+00
2846	374.245	-64.0043	0.000000E+00
2847	371.914	-63.9025	0.000000E+00
2848	372.233	-60.4134	0.000000E+00
2849	372.306	-58.7381	0.000000E+00
2850	375.250	-69.9769	0.000000E+00
2851	375.282	-69.2276	0.000000E+00
2852	375.716	-58.8867	0.000000E+00
2853	375.748	-58.1374	0.000000E+00
2854	374.251	-69.9349	0.000000E+00
2855	374.282	-69.1855	0.000000E+00
2856	374.186	-67.5049	0.000000E+00
2857	374.333	-64.0080	0.000000E+00
2858	374.647	-60.5181	0.000000E+00
2859	374.717	-58.8447	0.000000E+00
2860	377.686	-70.0774	0.000000E+00
2861	377.718	-69.3280	0.000000E+00
2862	378.133	-58.9864	0.000000E+00
2863	378.165	-58.2370	0.000000E+00
2864	378.717	-69.3700	0.000000E+00
2865	378.783	-67.6938	0.000000E+00
2866	379.091	-64.2042	0.000000E+00
2867	376.760	-64.1100	0.000000E+00
2868	377.068	-60.6201	0.000000E+00
2869	377.134	-58.9444	0.000000E+00
2870	379.123	-70.1351	0.000000E+00
2871	379.152	-69.3857	0.000000E+00
2872	379.051	-67.7054	0.000000E+00
2873	379.187	-64.2080	0.000000E+00
2874	436.115	-61.8827	-2.50000
2875	484.495	-61.1859	-2.50000
2876	484.602	-64.6843	-2.50000
2877	484.602	-64.6843	-2.50000
2878	484.708	-68.1827	-2.50000
2879	532.827	-58.9300	-2.50000
2880	533.047	-62.4231	-2.50000
2881	533.047	-62.4231	-2.50000

2882	533.266	-65.9162	-2.50000
2883	581.072	-55.1143	-2.50000
2884	581.396	-58.6003	-2.50000
2885	581.396	-58.6003	-2.50000
2886	581.721	-62.0863	-2.50000
2887	614.484	-51.5575	-2.50000
2888	614.904	-55.0322	-2.50000
2889	614.904	-55.0322	-2.50000
2890	615.324	-58.5069	-2.50000
2891	305.273	-62.9707	-2.50000
2892	305.583	-59.4844	-2.50000
2893	305.583	-59.4844	-2.50000
2894	305.893	-55.9981	-2.50000
2895	338.950	-65.5825	-2.50000
2896	339.182	-62.0901	-2.50000
2897	339.182	-62.0901	-2.50000
2898	339.413	-58.5978	-2.50000
2899	387.500	-68.0156	-2.50000
2900	387.619	-64.5177	-2.50000
2901	387.619	-64.5177	-2.50000
2902	387.737	-61.0197	-2.50000
2903	436.103	-68.8827	-2.50000
2904	436.109	-65.3827	-2.50000
2905	436.109	-65.3827	-2.50000
2906	437.115	-61.8844	-2.50000
2907	436.117	-60.8827	-2.50000
2908	485.494	-61.1554	-2.50000
2909	484.464	-60.1864	-2.50000
2910	485.601	-64.6538	-2.50000
2911	484.571	-63.6847	-2.50000
2912	485.708	-68.1521	-2.50000
2913	484.678	-67.1831	-2.50000
2914	533.825	-58.8673	-2.50000
2915	532.765	-57.9320	-2.50000
2916	534.045	-62.3604	-2.50000
2917	532.984	-61.4251	-2.50000
2918	534.264	-65.8535	-2.50000
2919	533.204	-64.9182	-2.50000
2920	582.068	-55.0217	-2.50000
2921	580.980	-54.1186	-2.50000
2922	582.392	-58.5077	-2.50000
2923	581.304	-57.6046	-2.50000
2924	582.716	-61.9937	-2.50000
2925	581.628	-61.0906	-2.50000
2926	615.477	-51.4380	-2.50000
2927	614.364	-50.5647	-2.50000
2928	615.897	-54.9127	-2.50000
2929	614.784	-54.0394	-2.50000
2930	616.317	-58.3874	-2.50000
2931	615.204	-57.5141	-2.50000
2932	306.269	-63.0597	-2.50000
2933	305.362	-61.9747	-2.50000
2934	306.579	-59.5734	-2.50000
2935	305.672	-58.4884	-2.50000
2936	306.889	-56.0871	-2.50000
2937	305.982	-55.0021	-2.50000
2938	339.948	-65.6486	-2.50000
2939	339.016	-64.5847	-2.50000
2940	340.179	-62.1563	-2.50000
2941	339.248	-61.0923	-2.50000
2942	340.411	-58.6640	-2.50000
2943	339.479	-57.6000	-2.50000
2944	388.499	-68.0496	-2.50000
2945	387.534	-67.0162	-2.50000
2946	388.618	-64.5516	-2.50000
2947	387.653	-63.5182	-2.50000
2948	388.737	-61.0536	-2.50000
2949	387.771	-60.0203	-2.50000
2950	305.494	-60.4805	0.277556E-16
2951	306.579	-59.5729	0.390446E-13
2952	310.294	-60.8991	0.277556E-16
2953	311.376	-59.9880	-0.724483E-14
2954	315.094	-61.3023	0.277556E-16
2955	316.173	-60.3878	-0.928566E-13
2956	319.896	-61.6902	0.277556E-16
2957	320.972	-60.7722	0.224567E-13
2958	324.699	-62.0627	0.277556E-16
2959	325.772	-61.1413	0.277556E-16
2960	329.504	-62.4198	0.277556E-16
2961	330.574	-61.4950	-0.324432E-13
2962	334.309	-62.7616	0.277556E-16
2963	335.376	-61.8333	-0.399272E-13
2964	339.115	-63.0880	0.277556E-16
2965	340.179	-62.1563	0.989797E-14
2966	343.959	-63.4011	0.277556E-16
2967	345.019	-62.4660	0.147837E-13
2968	348.803	-63.6987	0.277556E-16
2969	349.861	-62.7602	-0.630785E-13
2970	353.648	-63.9807	0.277556E-16
2971	354.703	-63.0388	-0.813641E-13
2972	358.494	-64.2471	0.277556E-16
2973	359.545	-63.3018	0.620901E-13
2974	363.340	-64.4978	0.277556E-16
2975	364.389	-63.5491	-0.471414E-13
2976	368.188	-64.7329	0.277556E-16
2977	369.234	-63.7809	-0.110872E-12
2978	373.036	-64.9524	0.277556E-16
2979	374.079	-63.9970	0.565072E-13
2980	377.885	-65.1563	0.277556E-16
2981	378.925	-64.1975	-0.412704E-13
2982	382.735	-65.3445	0.277556E-16
2983	383.771	-64.3824	0.610579E-13
2984	387.585	-65.5171	0.277556E-16
2985	388.618	-64.5516	-0.991195E-13
2986	392.435	-65.6740	0.277556E-16

2987	393.466	-64.7052	-0.406318E-13
2988	397.287	-65.8154	0.277556E-16
2989	398.314	-64.8432	-0.106971E-12
2990	402.138	-65.9410	0.277556E-16
2991	403.162	-64.9656	-0.967166E-13
2992	406.990	-66.0511	0.277556E-16
2993	408.011	-65.0723	0.481620E-14
2994	411.842	-66.1454	0.277556E-16
2995	412.860	-65.1634	-0.555393E-13
2996	416.695	-66.2242	0.277556E-16
2997	417.710	-65.2389	-0.534870E-13
2998	421.548	-66.2873	0.277556E-16
2999	422.559	-65.2987	0.837015E-15
3000	426.401	-66.3347	0.277556E-16
3001	427.409	-65.3429	0.211646E-14
3002	431.254	-66.3665	0.277556E-16
3003	432.259	-65.3715	0.979810E-16
3004	436.107	-66.3827	0.277556E-16
3005	437.109	-65.3844	-0.170112E-12
3006	440.960	-66.3832	0.277556E-16
3007	441.959	-65.3817	-0.113894E-12
3008	445.814	-66.3681	0.277556E-16
3009	446.809	-65.3634	-0.579577E-13
3010	450.667	-66.3373	0.277556E-16
3011	451.659	-65.3294	-0.121560E-14
3012	455.520	-66.2909	0.277556E-16
3013	456.508	-65.2798	-0.766469E-15
3014	460.372	-66.2288	0.277556E-16
3015	461.358	-65.2145	-0.508864E-14
3016	465.225	-66.1511	0.277556E-16
3017	466.207	-65.1336	-0.630685E-13
3018	470.077	-66.0577	0.277556E-16
3019	471.056	-65.0371	-0.639138E-13
3020	474.929	-65.9487	0.277556E-16
3021	475.905	-64.9250	0.558285E-13
3022	479.781	-65.8241	0.277556E-16
3023	480.753	-64.7972	-0.120211E-12
3024	484.632	-65.6838	0.277556E-16
3025	485.601	-64.6538	0.529417E-13
3026	489.483	-65.5279	0.277556E-16
3027	490.449	-64.4947	-0.130375E-12
3028	494.333	-65.3563	0.277556E-16
3029	495.295	-64.3201	-0.667565E-13
3030	499.183	-65.1691	0.277556E-16
3031	500.142	-64.1298	-0.653352E-13
3032	504.032	-64.9663	0.277556E-16
3033	504.987	-63.9238	-0.891588E-14
3034	508.880	-64.7478	0.277556E-16
3035	509.832	-63.7023	-0.124468E-12
3036	513.728	-64.5138	0.277556E-16
3037	514.677	-63.4652	-0.988890E-14
3038	518.574	-64.2640	0.277556E-16
3039	519.520	-63.2124	0.117325E-12
3040	523.420	-63.9987	0.277556E-16
3041	524.362	-62.9440	-0.183684E-13
3042	528.265	-63.7177	0.277556E-16
3043	529.204	-62.6600	-0.758238E-14
3044	533.110	-63.4211	0.277556E-16
3045	534.045	-62.3604	-0.275920E-12
3046	537.953	-63.1089	0.277556E-16
3047	538.885	-62.0452	0.919157E-13
3048	542.795	-62.7811	0.277556E-16
3049	543.723	-61.7144	0.126709E-12
3050	547.636	-62.4377	0.277556E-16
3051	548.561	-61.3680	-0.122617E-12
3052	552.476	-62.0787	0.277556E-16
3053	553.397	-61.0060	-0.150928E-12
3054	557.315	-61.7041	0.277556E-16
3055	558.233	-60.6284	-0.135702E-12
3056	562.152	-61.3138	0.277556E-16
3057	563.067	-60.2352	0.230715E-12
3058	566.988	-60.9080	0.277556E-16
3059	567.899	-59.8264	-0.235890E-13
3060	571.823	-60.4866	0.277556E-16
3061	572.731	-59.4021	0.222112E-12
3062	576.657	-60.0496	0.277556E-16
3063	577.561	-58.9622	-0.631381E-13
3064	581.491	-59.5958	0.277556E-16
3065	582.392	-58.5055	0.235138E-12
3066	586.285	-59.1451	0.277556E-16
3067	587.182	-58.0519	-0.124258E-12
3068	591.079	-58.6737	0.277556E-16
3069	591.973	-57.5776	-0.138249E-12
3070	595.872	-58.1828	0.277556E-16
3071	596.762	-57.0839	-0.151615E-12
3072	600.662	-57.6726	0.277556E-16
3073	601.549	-56.5708	-0.122041E-13
3074	605.451	-57.1429	0.277556E-16
3075	606.334	-56.0383	0.972731E-13
3076	610.237	-56.5938	0.277556E-16
3077	611.117	-55.4863	0.789672E-13
3078	615.021	-56.0253	0.277556E-16
3079	615.897	-54.9151	-0.340954E-13
3080	437.103	-68.8844	-2.50000
3081	436.105	-67.8827	-2.50000
3082	437.109	-65.3844	-2.50000
3083	436.111	-64.3827	-2.50000

TOTAL NUMBER OF NODES	=	3082
LARGEST NODE NUMBER	=	3083
DATA STORAGE LOCATIONS USED	=	21574

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									
1	1ST NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733			
		ASY =1.811	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733			
		ASY =1.811	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 = 0.1342	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									
33	1ST NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733			
		ASY =1.811	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733			
		ASY =1.811	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 = 0.1342	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									
2	1ST NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734			
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734			
		ASY =1.915	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 = 0.1517	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									
34	1ST NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734			
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734			
		ASY =1.915	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 = 0.1517	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

3	1ST NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	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 = 0.1555	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

35	1ST NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	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 = 0.1555	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

4	1ST NODE	AREA =1.342	IYY =1.755	IZZ =1.200	KT =0.2728E-01	ASZ =1.789
		ASY =1.992	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =1.342	IYY =1.755	IZZ =1.200	KT =0.2728E-01	ASZ =1.789
		ASY =1.992	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 = 0.3716	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

36	1ST NODE	AREA =1.342	IYY =1.755	IZZ =1.200	KT =0.2728E-01	ASZ =1.789
		ASY =1.992	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =1.342	IYY =1.755	IZZ =1.200	KT =0.2728E-01	ASZ =1.789
		ASY =1.992	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 = 0.3716	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

5	1ST NODE	AREA =2.731	IYY =2.430	IZZ =5.905	KT =0.2700E-01	ASZ =1.733
		ASY =1.891	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.731	IYY =2.430	IZZ =5.905	KT =0.2700E-01	ASZ =1.733
		ASY =1.891	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 = 0.1478 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
 37 1ST NODE AREA =2.731 IYY =2.430 IZZ =5.905 KT =0.2700E-01 ASZ =1.733
 ASY =1.891 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.731 IYY =2.430 IZZ =5.905 KT =0.2700E-01 ASZ =1.733
 ASY =1.891 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 = 0.1478 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
 6 1ST NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
 ASY =1.915 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
 ASY =1.915 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 = 0.1555 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
 38 1ST NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
 ASY =1.915 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
 ASY =1.915 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 = 0.1555 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

e1_soletta_code (soletta_code (RSS D=0.3 B=1.7))
 PROPERTY

BMI21 ELEMENTS
 7 1ST NODE AREA =0.5100 IYY =0.3825E-02 IZZ =0.1228 KT =0.1360E-01 ASZ =0.4253
 ASY =0.4250 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =0.5100 IYY =0.3825E-02 IZZ =0.1228 KT =0.1360E-01 ASZ =0.4253
 ASY =0.4250 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

e1_soletta_estremi_chiusura (soletta_estremi (RSS D=0.3 B=0.1))
 PROPERTY

BMI21 ELEMENTS
 8 1ST NODE AREA =0.3000E-01 IYY =0.2250E-03 IZZ =0.2500E-04 KT =0.7900E-04 ASZ =0.2500E-01
 ASY =0.2501E-01 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

2ND NODE	AREA =0.3000E-01	IYY =0.2250E-03	IZZ =0.2500E-04	KT =0.7900E-04	ASZ =0.2500E-01
	ASY =0.2501E-01	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

el_soletta_tipo (soletta_tipo (RSS D=0.3 B=2.4125))
PROPERTY

BMI21 ELEMENTS					
9 1ST NODE	AREA =0.7238	IYY =0.5428E-02	IZZ =0.3510	KT =0.2001E-01	ASZ =0.6036
	ASY =0.6031	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
2ND NODE	AREA =0.7238	IYY =0.5428E-02	IZZ =0.3510	KT =0.2001E-01	ASZ =0.6036
	ASY =0.6031	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

tr_spina (Sct3 (I D=0.5 B=0.2 tf=0.02 tw=0.015 r=0))
PROPERTY

BMI21 ELEMENTS					
10 1ST NODE	AREA =0.1490E-01	IYY =0.5827E-03	IZZ =0.2680E-04	KT =0.1567E-05	ASZ =0.7035E-02
	ASY =0.6845E-02	EZ =0.2500	EY =0.0000E+00	IYZ =0.0000E+00	
2ND NODE	AREA =0.1490E-01	IYY =0.5827E-03	IZZ =0.2680E-04	KT =0.1567E-05	ASZ =0.7035E-02
	ASY =0.6845E-02	EZ =0.2500	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_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 =0.0000E+00	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 =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

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 =0.0000E+00	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 =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					
13 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

joints
PROPERTY

JSH4 ELEMENTS	
14 ECCENTRICITY =	0.0000E+00
DATA STORAGE LOCATIONS USED	= 1616

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	0	0	33	1
2	0	0	10	18
3	4	1	33	1
5	0	0	10	18
6	7	1	33	1
8	0	0	10	18
9	10	1	33	1
11	0	0	10	18
12	0	0	33	1
13	0	0	37	11
14	0	0	10	18
15	16	1	37	11
17	0	0	10	18
18	19	1	37	11
20	0	0	10	18
21	22	1	37	11
23	0	0	10	18
24	25	1	37	11
26	0	0	10	18
27	0	0	37	11
28	0	0	38	13
29	0	0	10	18
30	31	1	38	13
32	0	0	10	18
33	34	1	38	13
35	0	0	10	18
36	37	1	38	13
38	0	0	10	18
39	40	1	38	13
41	0	0	10	18
42	0	0	38	13
43	0	0	36	10
44	0	0	10	18
45	46	1	36	10
47	0	0	10	18
48	49	1	36	10
50	0	0	10	18
51	52	1	36	10
53	0	0	10	18
54	55	1	36	10
56	0	0	10	18
57	58	1	36	10
59	0	0	10	18
60	0	0	36	10
61	0	0	35	7
62	0	0	10	18
63	64	1	35	7
65	0	0	10	18
66	67	1	35	7
68	0	0	10	18
69	70	1	35	7
71	0	0	10	18
72	73	1	35	7
74	0	0	10	18
75	76	1	35	7
77	0	0	10	18
78	0	0	35	7
79	0	0	34	3
80	0	0	10	18
81	82	1	34	3
83	0	0	10	18
84	85	1	34	3
86	0	0	10	18
87	88	1	34	3
89	0	0	10	18
90	91	1	34	3
92	0	0	10	18
93	94	1	34	3
95	0	0	10	18
96	0	0	34	3
97	0	0	35	7
98	0	0	10	18
99	100	1	35	7
101	0	0	10	18
102	103	1	35	7
104	0	0	10	18
105	106	1	35	7
107	0	0	10	18
108	109	1	35	7
110	0	0	10	18
111	112	1	35	7
113	0	0	10	18
114	0	0	35	7
115	0	0	36	10
116	0	0	10	18
117	118	1	36	10
119	0	0	10	18
120	121	1	36	10
122	0	0	10	18
123	124	1	36	10
125	0	0	10	18
126	127	1	36	10
128	0	0	10	18
129	130	1	36	10
131	0	0	10	18
132	0	0	36	10
133	0	0	35	7
134	0	0	10	18
135	136	1	35	7
137	0	0	10	18
138	139	1	35	7

140	0	0	10	18
141	142	1	35	7
143	0	0	10	18
144	145	1	35	7
146	0	0	10	18
147	148	1	35	7
149	0	0	10	18
150	0	0	35	7
151	0	0	34	3
152	0	0	10	18
153	154	1	34	3
155	0	0	10	18
156	157	1	34	3
158	0	0	10	18
159	160	1	34	3
161	0	0	10	18
162	163	1	34	3
164	0	0	10	18
165	166	1	34	3
167	0	0	10	18
168	169	1	34	3
170	0	0	10	18
171	172	1	34	3
173	0	0	10	18
174	0	0	34	3
175	0	0	35	7
176	0	0	10	18
177	178	1	35	7
179	0	0	10	18
180	181	1	35	7
182	0	0	10	18
183	184	1	35	7
185	0	0	10	18
186	187	1	35	7
188	0	0	10	18
189	190	1	35	7
191	0	0	10	18
192	0	0	35	7
193	0	0	36	10
194	0	0	10	18
195	196	1	36	10
197	0	0	10	18
198	199	1	36	10
200	0	0	10	18
201	202	1	36	10
203	0	0	10	18
204	205	1	36	10
206	0	0	10	18
207	208	1	36	10
209	0	0	10	18
210	0	0	36	10
211	0	0	35	7
212	0	0	10	18
213	214	1	35	7
215	0	0	10	18
216	217	1	35	7
218	0	0	10	18
219	220	1	35	7
221	0	0	10	18
222	223	1	35	7
224	0	0	10	18
225	226	1	35	7
227	0	0	10	18
228	0	0	35	7
229	0	0	34	3
230	0	0	10	18
231	232	1	34	3
233	0	0	10	18
234	235	1	34	3
236	0	0	10	18
237	238	1	34	3
239	0	0	10	18
240	241	1	34	3
242	0	0	10	18
243	244	1	34	3
245	0	0	10	18
246	0	0	34	3
247	0	0	35	7
248	0	0	10	18
249	250	1	35	7
251	0	0	10	18
252	253	1	35	7
254	0	0	10	18
255	256	1	35	7
257	0	0	10	18
258	259	1	35	7
260	0	0	10	18
261	262	1	35	7
263	0	0	10	18
264	0	0	35	7
265	0	0	36	10
266	0	0	10	18
267	268	1	36	10
269	0	0	10	18
270	271	1	36	10
272	0	0	10	18
273	274	1	36	10
275	0	0	10	18
276	277	1	36	10
278	0	0	10	18
279	280	1	36	10
281	0	0	10	18
282	0	0	36	10
283	0	0	35	7
284	0	0	10	18

285	286	1	35	7
287	0	0	10	18
288	289	1	35	7
290	0	0	10	18
291	292	1	35	7
293	0	0	10	18
294	295	1	35	7
296	0	0	10	18
297	298	1	35	7
299	0	0	10	18
300	0	0	35	7
301	0	0	34	3
302	0	0	10	18
303	304	1	34	3
305	0	0	10	18
306	307	1	34	3
308	0	0	10	18
309	310	1	34	3
311	0	0	10	18
312	313	1	34	3
314	0	0	10	18
315	316	1	34	3
317	0	0	10	18
318	0	0	34	3
319	0	0	35	7
320	0	0	10	18
321	322	1	35	7
323	0	0	10	18
324	325	1	35	7
326	0	0	10	18
327	328	1	35	7
329	0	0	10	18
330	331	1	35	7
332	0	0	10	18
333	334	1	35	7
335	0	0	10	18
336	0	0	35	7
337	0	0	36	10
338	0	0	10	18
339	340	1	36	10
341	0	0	10	18
342	343	1	36	10
344	0	0	10	18
345	346	1	36	10
347	0	0	10	18
348	349	1	36	10
350	0	0	10	18
351	352	1	36	10
353	0	0	10	18
354	0	0	36	10
355	0	0	35	7
356	0	0	10	18
357	358	1	35	7
359	0	0	10	18
360	361	1	35	7
362	0	0	10	18
363	364	1	35	7
365	0	0	10	18
366	367	1	35	7
368	0	0	10	18
369	370	1	35	7
371	0	0	10	18
372	0	0	35	7
373	0	0	34	3
374	0	0	10	18
375	376	1	34	3
377	0	0	10	18
378	379	1	34	3
380	0	0	10	18
381	382	1	34	3
383	0	0	10	18
384	385	1	34	3
386	0	0	10	18
387	388	1	34	3
389	0	0	10	18
390	0	0	34	3
391	0	0	35	7
392	0	0	10	18
393	394	1	35	7
395	0	0	10	18
396	397	1	35	7
398	0	0	10	18
399	400	1	35	7
401	0	0	10	18
402	403	1	35	7
404	0	0	10	18
405	406	1	35	7
407	0	0	10	18
408	0	0	35	7
409	0	0	36	10
410	0	0	10	18
411	412	1	36	10
413	0	0	10	18
414	415	1	36	10
416	0	0	10	18
417	418	1	36	10
419	0	0	10	18
420	421	1	36	10
422	0	0	10	18
423	424	1	36	10
425	0	0	10	18
426	0	0	36	10
427	0	0	38	13
428	0	0	10	18
429	430	1	38	13

431	0	0	10	18
432	433	1	38	13
434	0	0	10	18
435	436	1	38	13
437	0	0	10	18
438	439	1	38	13
440	0	0	10	18
441	0	0	38	13
442	0	0	37	11
443	0	0	10	18
444	445	1	37	11
446	0	0	10	18
447	448	1	37	11
449	0	0	10	18
450	451	1	37	11
452	0	0	10	18
453	454	1	37	11
455	0	0	10	18
456	457	1	37	11
458	0	0	10	18
459	0	0	37	11
460	0	0	33	1
461	0	0	10	18
462	463	1	33	1
464	0	0	10	18
465	466	1	33	1
467	0	0	10	18
468	469	1	33	1
470	0	0	10	18
471	0	0	33	1
472	487	1	9	17
488	0	0	13	32
489	490	1	9	17
491	0	0	13	32
492	609	1	9	17
610	0	0	13	32
611	612	1	9	17
613	0	0	13	32
614	731	1	9	17
732	0	0	13	32
733	734	1	9	17
735	0	0	13	32
736	853	1	9	17
854	0	0	13	32
855	856	1	9	17
857	0	0	13	32
858	975	1	9	17
976	0	0	13	32
977	978	1	9	17
979	0	0	13	32
980	1059	1	9	17
1060	1061	1	7	15
1062	0	0	13	32
1063	0	0	7	15
1064	1065	1	8	16
1066	0	0	7	15
1067	0	0	8	16
1068	0	0	13	32
1069	1070	1	7	15
1071	1073	1	8	16
1074	1075	1	11	27
1076	1087	1	12	28
1088	1089	1	11	27
1090	1107	1	12	28
1108	1109	1	11	27
1110	1127	1	12	28
1128	1129	1	11	27
1130	1147	1	12	28
1148	1149	1	11	27
1150	1167	1	12	28
1168	1169	1	11	27
1170	1187	1	12	28
1188	1189	1	11	27
1190	1201	1	12	28
1202	1203	1	11	27
1204	1398	1	13	32
1399	1401	1	8	16
1402	0	0	7	15
1403	0	0	8	16
1404	0	0	7	15
1405	0	0	13	32
1406	0	0	8	16
1407	0	0	7	15
1408	0	0	8	16
1409	0	0	7	15
1410	0	0	13	32
1411	1412	1	7	15
1413	1492	1	9	17
1493	0	0	13	32
1494	1495	1	9	17
1496	0	0	13	32
1497	1598	1	9	17
1599	1687	1	14	4

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS	=	404
TOTAL NUMBER OF ELEMENTS	=	1687
LARGEST ELEMENT NUMBER	=	1687
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER	=	38
DATA STORAGE LOCATIONS USED	=	5061

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

MATERIAL

svincoli_spina
4 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 0.0000E+00 KTY = 0.0000E+00 KTZ =
0.0000E+00

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

MATERIAL

Incastro
5 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
6 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
7 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 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_massa (elastic)
1 E = 0.2100E+12 NU = 0.3000 RHO = 7850. 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)
2 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
8 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)
3 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

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- 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	0	0	8	0	0	0	17	0	0
0	0	2	0	0	1	0	0	0	8	0	0
0	0	3	0	4	1	8	0	0	17	0	0
0	0	5	0	0	1	0	0	0	8	0	0
0	0	6	0	7	1	8	0	0	17	0	0
0	0	8	0	0	1	0	0	0	8	0	0
0	0	9	0	10	1	8	0	0	17	0	0
0	0	11	0	0	1	0	0	0	8	0	0
0	0	12	0	13	1	8	0	0	17	0	0
0	0	14	0	0	1	0	0	0	8	0	0
0	0	15	0	16	1	8	0	0	17	0	0
0	0	17	0	0	1	0	0	0	8	0	0
0	0	18	0	19	1	8	0	0	17	0	0
0	0	20	0	0	1	0	0	0	8	0	0
0	0	21	0	22	1	8	0	0	17	0	0
0	0	23	0	0	1	0	0	0	8	0	0
0	0	24	0	25	1	8	0	0	17	0	0
0	0	26	0	0	1	0	0	0	8	0	0
0	0	27	0	28	1	8	0	0	17	0	0
0	0	29	0	0	1	0	0	0	8	0	0
0	0	30	0	31	1	8	0	0	17	0	0
0	0	32	0	0	1	0	0	0	8	0	0
0	0	33	0	34	1	8	0	0	17	0	0
0	0	35	0	0	1	0	0	0	8	0	0
0	0	36	0	37	1	8	0	0	17	0	0
0	0	38	0	0	1	0	0	0	8	0	0
0	0	39	0	40	1	8	0	0	17	0	0
0	0	41	0	0	1	0	0	0	8	0	0
0	0	42	0	43	1	8	0	0	17	0	0
0	0	44	0	0	1	0	0	0	8	0	0
0	0	45	0	46	1	8	0	0	17	0	0
0	0	47	0	0	1	0	0	0	8	0	0
0	0	48	0	49	1	8	0	0	17	0	0
0	0	50	0	0	1	0	0	0	8	0	0
0	0	51	0	52	1	8	0	0	17	0	0
0	0	53	0	0	1	0	0	0	8	0	0
0	0	54	0	55	1	8	0	0	17	0	0
0	0	56	0	0	1	0	0	0	8	0	0
0	0	57	0	58	1	8	0	0	17	0	0
0	0	59	0	0	1	0	0	0	8	0	0
0	0	60	0	61	1	8	0	0	17	0	0
0	0	62	0	0	1	0	0	0	8	0	0
0	0	63	0	64	1	8	0	0	17	0	0
0	0	65	0	0	1	0	0	0	8	0	0
0	0	66	0	67	1	8	0	0	17	0	0
0	0	68	0	0	1	0	0	0	8	0	0
0	0	69	0	70	1	8	0	0	17	0	0

0	0	461	0	0	1	0	0	0	0	8	0	0
0	0	462	0	463	1	8	0	0	0	17	0	0
0	0	464	0	0	0	1	0	0	0	8	0	0
0	0	465	0	466	1	8	0	0	0	17	0	0
0	0	467	0	0	0	1	0	0	0	8	0	0
0	0	468	0	469	1	8	0	0	0	17	0	0
0	0	470	0	0	0	1	0	0	0	8	0	0
0	0	471	0	0	0	8	0	0	0	17	0	0
0	0	472	0	487	1	3	0	0	0	28	0	0
0	0	488	0	0	0	2	0	0	0	12	0	0
0	0	489	0	490	1	3	0	0	0	28	0	0
0	0	491	0	0	0	2	0	0	0	12	0	0
0	0	492	0	609	1	3	0	0	0	28	0	0
0	0	610	0	0	0	2	0	0	0	12	0	0
0	0	611	0	612	1	3	0	0	0	28	0	0
0	0	613	0	0	0	2	0	0	0	12	0	0
0	0	614	0	731	1	3	0	0	0	28	0	0
0	0	732	0	0	0	2	0	0	0	12	0	0
0	0	733	0	734	1	3	0	0	0	28	0	0
0	0	735	0	0	0	2	0	0	0	12	0	0
0	0	736	0	853	1	3	0	0	0	28	0	0
0	0	854	0	0	0	2	0	0	0	12	0	0
0	0	855	0	856	1	3	0	0	0	28	0	0
0	0	857	0	0	0	2	0	0	0	12	0	0
0	0	858	0	975	1	3	0	0	0	28	0	0
0	0	976	0	0	0	2	0	0	0	12	0	0
0	0	977	0	978	1	3	0	0	0	28	0	0
0	0	979	0	0	0	2	0	0	0	12	0	0
0	0	980	0	1061	1	3	0	0	0	28	0	0
0	0	1062	0	0	0	2	0	0	0	12	0	0
0	0	1063	0	1067	1	3	0	0	0	28	0	0
0	0	1068	0	0	0	2	0	0	0	12	0	0
0	0	1069	0	1073	1	3	0	0	0	28	0	0
0	0	1074	0	1203	1	1	0	0	0	8	0	0
0	0	1204	0	1398	1	2	0	0	0	12	0	0
0	0	1399	0	1404	1	3	0	0	0	28	0	0
0	0	1405	0	0	0	2	0	0	0	12	0	0
0	0	1406	0	1409	1	3	0	0	0	28	0	0
0	0	1410	0	0	0	2	0	0	0	12	0	0
0	0	1411	0	1492	1	3	0	0	0	28	0	0
0	0	1493	0	0	0	2	0	0	0	12	0	0
0	0	1494	0	1495	1	3	0	0	0	28	0	0
0	0	1496	0	0	0	2	0	0	0	12	0	0
0	0	1497	0	1598	1	3	0	0	0	28	0	0
0	0	1599	0	1600	1	6	0	0	0	10	0	0
0	0	1601	0	0	0	5	0	0	0	7	0	0
0	0	1602	0	1603	1	6	0	0	0	10	0	0
0	0	1604	0	0	0	5	0	0	0	7	0	0
0	0	1605	0	1606	1	6	0	0	0	10	0	0
0	0	1607	0	0	0	5	0	0	0	7	0	0
0	0	1608	0	0	0	6	0	0	0	10	0	0
0	0	1609	0	0	0	7	0	0	0	20	0	0

0	0	1610	0	0	0	5	0	0	0	0	7	0	0
0	0	1611	0	1612	1	7	0	0	0	0	20	0	0
0	0	1613	0	0	0	5	0	0	0	0	7	0	0
0	0	1614	0	0	0	7	0	0	0	0	20	0	0
0	0	1615	0	0	0	6	0	0	0	0	10	0	0
0	0	1616	0	0	0	5	0	0	0	0	7	0	0
0	0	1617	0	1618	1	6	0	0	0	0	10	0	0
0	0	1619	0	0	0	5	0	0	0	0	7	0	0
0	0	1620	0	0	0	6	0	0	0	0	10	0	0
0	0	1621	0	1685	1	4	0	0	0	0	3	0	0
0	0	1686	0	0	0	6	0	0	0	0	10	0	0
0	0	1687	0	0	0	5	0	0	0	0	7	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 371

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
2891	0	0	THX	1.00000
2892	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
2891	0	0	THY	1.00000
2892	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
2891	0	0	THZ	1.00000
2892	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
2892	0	0	THX	-1.00000
2894	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
2892	0	0	THY	-1.00000
2894	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
2892	0	0	THZ	-1.00000
2894	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
2891	0	0	U	0.286839
2892	0	0	U	-0.286839
2892	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2891	0	0	V	1.00000
2892	0	0	V	-1.00000
2892	0	0	THZ	0.309688

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	U	-0.286839
2892	0	0	THZ	1.00000
2894	0	0	U	0.286839

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	V	-1.00000
2892	0	0	THZ	-0.309688
2894	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2891	0	0	W	0.286839
2892	0	0	W	-0.286839
2892	0	0	THX	1.00000
2892	0	0	THY	-0.888306E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	W	-0.286839
2892	0	0	THX	-1.00000
2892	0	0	THY	0.888306E-01
2894	0	0	W	0.286839

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	THX	1.00000
2896	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
2895	0	0	THY	1.00000
2896	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
2895	0	0	THZ	1.00000
2896	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
2896	0	0	THX	-1.00000
2898	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
2896	0	0	THY	-1.00000
2898	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
2896	0	0	THZ	-1.00000

2898 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
2895	0	0	U	0.286342
2896	0	0	U	-0.286342
2896	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	V	1.00000
2896	0	0	V	-1.00000
2896	0	0	THZ	0.231536

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	U	-0.286342
2896	0	0	THZ	1.00000
2898	0	0	U	0.286342

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	V	-1.00000
2896	0	0	THZ	-0.231536
2898	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	W	0.286342
2896	0	0	W	-0.286342
2896	0	0	THX	1.00000
2896	0	0	THY	-0.662983E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	W	-0.286342
2896	0	0	THX	-1.00000
2896	0	0	THY	0.662983E-01
2898	0	0	W	0.286342

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THX	1.00000
2900	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THY	1.00000
2900	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THZ	1.00000
2900	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THX	-1.00000
2902	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
-------	------	------	---------	-------------

NODE	NODE	RNCE	TYPE	
2900	0	0	THY	-1.00000
2902	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2900	0	0	THZ	-1.00000
2902	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2899	0	0	U	0.285879
2900	0	0	U	-0.285879
2900	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2899	0	0	V	1.00000
2900	0	0	V	-1.00000
2900	0	0	THZ	0.118827
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2900	0	0	U	-0.285879
2900	0	0	THZ	1.00000
2902	0	0	U	0.285879
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2900	0	0	V	-1.00000
2900	0	0	THZ	-0.118827
2902	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2899	0	0	W	0.285879
2900	0	0	W	-0.285879
2900	0	0	THX	1.00000
2900	0	0	THY	-0.339703E-01
TOTAL NUMBER OF COEFFICIENTS =				4

EQUATION 3 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2900	0	0	W	-0.285879
2900	0	0	THX	-1.00000
2900	0	0	THY	0.339703E-01
2902	0	0	W	0.285879
TOTAL NUMBER OF COEFFICIENTS =				4

EQUATION 4 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2874	0	0	THX	1.00000
2905	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2874	0	0	THY	1.00000
2905	0	0	THY	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2874	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	U	0.285715
2905	0	0	U	-0.285715
2905	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	V	1.00000
2905	0	0	V	-1.00000
2905	0	0	THZ	-0.601290E-02

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	U	0.285715
2905	0	0	U	-0.285715
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	V	1.00000
2905	0	0	V	-1.00000
2905	0	0	THZ	0.601290E-02

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	W	0.285715
2905	0	0	W	-0.285715
2905	0	0	THX	-1.00000
2905	0	0	THY	0.171797E-02

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	W	0.285715
2905	0	0	W	-0.285715
2905	0	0	THX	1.00000
2905	0	0	THY	-0.171797E-02

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THX	1.00000
2877	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THY	1.00000
2877	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THZ	1.00000
2877	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THX	-1.00000
2878	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THY	-1.00000
2878	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THZ	-1.00000
2878	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	U	0.285847
2877	0	0	U	-0.285847
2877	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	V	1.00000
2877	0	0	V	-1.00000
2877	0	0	THZ	0.106808

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	U	-0.285847
2877	0	0	THZ	-1.00000
2878	0	0	U	0.285847

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	V	-1.00000
2877	0	0	THZ	-0.106808
2878	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	W	0.285847
2877	0	0	W	-0.285847
2877	0	0	THX	-1.00000
2877	0	0	THY	-0.305307E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	W	-0.285847
2877	0	0	THX	1.00000
2877	0	0	THY	0.305307E-01
2878	0	0	W	0.285847

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THX	1.00000
2881	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THY	1.00000
2881	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THZ	1.00000
2881	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	THX	-1.00000
2882	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	THY	-1.00000
2882	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	THZ	-1.00000
2882	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	U	0.286278
2881	0	0	U	-0.286278
2881	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	V	1.00000
2881	0	0	V	-1.00000
2881	0	0	THZ	0.219518

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	U	-0.286278
2881	0	0	THZ	-1.00000
2882	0	0	U	0.286278

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	V	-1.00000
2881	0	0	THZ	-0.219518
2882	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	W	0.286278
2881	0	0	W	-0.286278
2881	0	0	THX	-1.00000
2881	0	0	THY	-0.628430E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2881	0	0	W	-0.286278
2881	0	0	THX	1.00000

2881 0 0 THY 0.628430E-01
 2882 0 0 W 0.286278
 TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 7 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2883 0 0 THX 1.00000
 2884 0 0 THX -1.00000
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2883 0 0 THY 1.00000
 2884 0 0 THY -1.00000
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2883 0 0 THZ 1.00000
 2884 0 0 THZ -1.00000
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2884 0 0 THX -1.00000
 2886 0 0 THX 1.00000
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2884 0 0 THY -1.00000
 2886 0 0 THY 1.00000
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2884 0 0 THZ -1.00000
 2886 0 0 THZ 1.00000
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2883 0 0 U 0.286863
 2884 0 0 U -0.286863
 2884 0 0 THZ 1.00000
 TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2883 0 0 V 1.00000
 2884 0 0 V -1.00000
 2884 0 0 THZ 0.324168
 TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2884 0 0 U -0.286863
 2884 0 0 THZ -1.00000
 2886 0 0 U 0.286863
 TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2884 0 0 V -1.00000
 2884 0 0 THZ -0.324168
 2886 0 0 V 1.00000
 TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00
 FIRST LAST DIFF FREEDOM COEFFICIENT
 NODE NODE RNCE TYPE
 2883 0 0 W 0.286863
 2884 0 0 W -0.286863
 TOTAL NUMBER OF COEFFICIENTS = 2

2884	0	0	THX	-1.00000
2884	0	0	THY	-0.929918E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	W	-0.286863
2884	0	0	THX	1.00000
2884	0	0	THY	0.929918E-01
2886	0	0	W	0.286863

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THX	1.00000
2889	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THY	1.00000
2889	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THZ	1.00000
2889	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THX	-1.00000
2890	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THY	-1.00000
2890	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THZ	-1.00000
2890	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	U	0.287794
2889	0	0	U	-0.287794
2889	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	V	1.00000
2889	0	0	V	-1.00000
2889	0	0	THZ	0.420058

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	U	-0.287794
2889	0	0	THZ	-1.00000
2890	0	0	U	0.287794

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	V	-1.00000

2889 0 0 THZ -0.420058
 2890 0 0 V 1.00000
 TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	W	0.287794
2889	0	0	W	-0.287794
2889	0	0	THX	-1.00000
2889	0	0	THY	-0.120890

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	W	-0.287794
2889	0	0	THX	1.00000
2889	0	0	THY	0.120890
2890	0	0	W	0.287794

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 96
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
 LARGEST NODE NUMBER ENCOUNTERED = 2905
 DATA STORAGE LOCATIONS USED = 899

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
2876	2880	4 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
2885	2888	3 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
2893	2901	4 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
2904	0	0 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 = 8
 LARGEST NODE NUMBER = 2904
 DATA STORAGE LOCATIONS USED = 174

L O A D C A S E 61

Q1_viadotto2

FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
1	0	0	433.09	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	0	0	2176.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
7	0	0	433.09	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8	0	0	2168.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0	0	3483.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
14	0	0	3467.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
16	0	0	3476.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
20	0	0	3460.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
22	0	0	3483.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
26	0	0	3467.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0	0	3495.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
32	0	0	3479.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0	0	3483.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
38	0	0	3467.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
40	0	0	3476.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

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
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1	1687	1	0	0	0	0	0
---	------	---	---	---	---	---	---

TOTAL NUMBER OF ELEMENT OUTPUT SETS	=	1
TOTAL NUMBER OF ELEMENTS OUTPUT	=	1687
LARGEST ELEMENT NUMBER INPUT	=	1687
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
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1	1951	1	0	0
1953	3083	1	0	0

TOTAL NUMBER OF NODE OUTPUT SETS	=	2
TOTAL NUMBER OF NODES OUTPUT	=	0
LARGEST NODE NUMBER INPUT	=	3083
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	=	1687
TOTAL NUMBER OF CONSTRAINTS	=	96
TOTAL NUMBER OF NODES	=	3082
TOTAL NUMBER OF SUPPORT NODES	=	8
TOTAL NUMBER OF LOADING CASES	=	1
LOCATIONS USED DURING DATA PROCESSING	=	157328390
LOCATIONS AVAILABLE	=	196608000
TIME USED TO PROCESS INPUT DATA	=	0.27700 SEC.
TIME AT CENTRAL PROCESSOR	=	16:33:39 ON 23/06/23 (DAY/MTH/YR)
INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE	=	1687
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 2282 AND 5 FOR ELEMENT NUMBER 1621 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.9608E-05 (BMTJNT PROCESSOR)

WARNING NODES 2298 AND 18 FOR ELEMENT NUMBER 1622 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1683E-05 (BMTJNT PROCESSOR)

WARNING NODES 2300 AND 30 FOR ELEMENT NUMBER 1623 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6775E-05 (BMTJNT PROCESSOR)

WARNING NODES 2302 AND 42 FOR ELEMENT NUMBER 1624 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1522E-04 (BMTJNT PROCESSOR)

WARNING NODES 2304 AND 60 FOR ELEMENT NUMBER 1625 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2702E-04 (BMTJNT PROCESSOR)

WARNING NODES 2306 AND 72 FOR ELEMENT NUMBER 1626 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4218E-04 (BMTJNT PROCESSOR)

WARNING NODES 2308 AND 90 FOR ELEMENT NUMBER 1627 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6069E-04 (BMTJNT PROCESSOR)

WARNING NODES 2310 AND 114 FOR ELEMENT NUMBER 1629 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2540E-05 (BMTJNT PROCESSOR)

WARNING NODES 2312 AND 132 FOR ELEMENT NUMBER 1630 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2953E-05 (BMTJNT PROCESSOR)

WARNING NODES 2314 AND 144 FOR ELEMENT NUMBER 1631 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3329E-05 (BMTJNT PROCESSOR)

WARNING NODES 2316 AND 162 FOR ELEMENT NUMBER 1632 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3668E-05 (BMTJNT PROCESSOR)

WARNING NODES 2318 AND 174 FOR ELEMENT NUMBER 1633 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.3971E-05 (BMTJNT PROCESSOR)

WARNING NODES 2320 AND 186 FOR ELEMENT NUMBER 1634 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4237E-05 (BMTJNT PROCESSOR)

WARNING NODES 2322 AND 204 FOR ELEMENT NUMBER 1635 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4466E-05 (BMTJNT PROCESSOR)

WARNING NODES 2324 AND 216 FOR ELEMENT NUMBER 1636 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4658E-05 (BMTJNT PROCESSOR)

WARNING NODES 2326 AND 234 FOR ELEMENT NUMBER 1637 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4814E-05 (BMTJNT PROCESSOR)

WARNING NODES 2286 AND 246 FOR ELEMENT NUMBER 1638 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.8131E-04 (BMTJNT PROCESSOR)

WARNING NODES 2328 AND 258 FOR ELEMENT NUMBER 1639 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.5015E-05 (BMTJNT PROCESSOR)

WARNING NODES 2330 AND 276 FOR ELEMENT NUMBER 1640 ARE NOT COINCIDENT

5	0.000000E+00	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	0.000000E+00
4	0.130076	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	3175.79	0.000000E+00	3742.65	816535.	460.329	-62.6080	-0.117032

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
8	0.269852E+10	0.150430E+12	0.153129E+12	0.196601E+11	0.000000E+00	0.000000E+00
1	0.516996E+09	0.290442E+11	0.295610E+11	0.378014E+10	-0.596977E+07	0.439884E+08
3	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
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
5	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
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	0.321552E+10	0.179474E+12	0.182690E+12	0.234402E+11	-0.596977E+07	0.439884E+08

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
8	0.132006E+08	0.536353E+10	0.537673E+10	-0.769520E+08	0.000000E+00	0.000000E+00
1	0.162117E+07	0.108497E+10	0.108654E+10	-0.155790E+08	2089.40	-14.2786
3	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
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
5	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
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	0.148819E+08	0.644856E+10	0.646328E+10	-0.925308E+08	13099.0	-921.626

MATERIAL SET	PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES						PRINCIPAL DIRECTIONS
	I11 KG M **2	I22 KG M **2	I33 KG M **2				
8	0.537673E+10	0.536464E+10	0.120941E+08	(0.00, 0.00, 1.00)	(-0.01, 1.00, 0.00)	(1.00, 0.01, 0.00)	
1	0.108654E+10	0.108520E+10	0.139719E+07	(-0.00, 0.00, 1.00)	(-0.01, 1.00, -0.00)	(1.00, 0.01, -0.00)	
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)	
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)	
5	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)	
4	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	0.646328E+10	0.644989E+10	0.135514E+08	(-0.00, 0.00, 1.00)	(-0.01, 1.00, -0.00)	(1.00, 0.01, 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 61						
TOTALS FOR STRUCTURE	898246.	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.561939E+08

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2180

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.30000E-02 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 88054

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 1406196
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7836
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7836
TOTAL NO. OF EQUATIONS = 7932
TOTAL NO. OF ACTIVE NODES = 1306

NUMBER OF ELEMENT GROUPS = 2
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1598

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 330597
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 438004
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 253430
TOTAL SIZE OF ELEMENT DATA RECORDS = 349394
TOTAL SIZE OF ELEMENT RESULT RECORDS = 446530
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 46440
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 147955

TIME FOR PRE-SOLUTION PROCESS = 0.15000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 16:33:39 ON 23/06/23 (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

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= Parallel multifrontal solver statistics =

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Solving symmetric indefinite matrix
Minimum degree equation re-ordering algorithm used

```

Number of nonzeros in L and U      =      139833
Number of iterative refinement steps =           4
Number of positive eigenvalues     =      7788
Number of negative eigenvalues     =           96
Peak memory used during analysis and
symbolic factorisation (MB)       =       5.26
Total peak memory used during solve (MB) =     7.04
In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION      =  0.15757E-22

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

LOCATIONS USED DURING POST-SOLUTION PROCESS =  1478885
LOCATIONS AVAILABLE                          =  196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE           =  1687
ACTUAL TOTAL NO. FACES IN STRUCTURE           =           0

TIME FOR POST-SOLUTION PROCESS                 =  0.22400   SEC.

TOTAL CPU TIME USED FOR SOLUTION               =  0.51800   SEC.

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

TIME AT CENTRAL PROCESSOR = 16:33:39 ON 23/06/23 (DAY/MTH/YR)

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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	324	1248	0	0	0.1562500E-01
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	6	112	0	0	0.1562500E-01
PLOT	16384	1707	2061	0	0	5.609375
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED

TIME AT CENTRAL PROCESSOR = 13:01:09 ON 3/07/23 (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

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 SSSSS
LL UU UU SSSSSS AAAAAAAA SSSSS
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

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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\VI01_marroggia\LUSASFiles32\Marroggia_rev01_g\Marroggia_rev01_g~07_FLM3.dat

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

Memory request for 1855Mb Succeeded

TIME AT CENTRAL PROCESSOR = 13:01:09 ON 3/07/23 (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			
1599	2874	1186	2906	2907
1600	2875	1386	2908	2909
1601	2876	2877	2910	2911
1602	2878	1390	2912	2913
1603	2879	1590	2914	2915
1604	2880	2881	2916	2917
1605	2882	1594	2918	2919
1606	2883	1794	2920	2921
1607	2885	2884	2922	2923
1608	2886	1798	2924	2925
1609	2887	1938	2926	2927
1610	2888	2889	2928	2929
1611	2890	1947	2930	2931
1612	2891	2552	2932	2933
1613	2893	2892	2934	2935
1614	2894	2562	2936	2937
1615	2895	2702	2938	2939
1616	2897	2896	2940	2941
1617	2898	2706	2942	2943
1618	2899	978	2944	2945
1619	2901	2900	2946	2947
1620	2902	982	2948	2949
1621	2282	5	2950	2951
1622	2298	18	2952	2953
1623	2300	30	2954	2955
1624	2302	42	2956	2957
1625	2304	60	2958	2959
1626	2306	72	2960	2961
1627	2308	90	2962	2963
1628	2284	102	2964	2965
1629	2310	114	2966	2967
1630	2312	132	2968	2969
1631	2314	144	2970	2971
1632	2316	162	2972	2973
1633	2318	174	2974	2975
1634	2320	186	2976	2977
1635	2322	204	2978	2979
1636	2324	216	2980	2981
1637	2326	234	2982	2983
1638	2286	246	2984	2985
1639	2328	258	2986	2987
1640	2330	276	2988	2989
1641	2332	288	2990	2991
1642	2334	306	2992	2993
1643	2336	318	2994	2995
1644	2338	342	2996	2997
1645	2340	360	2998	2999
1646	2342	372	3000	3001
1647	2344	390	3002	3003
1648	2288	402	3004	3005
1649	2346	414	3006	3007
1650	2348	432	3008	3009
1651	2350	444	3010	3011
1652	2352	462	3012	3013
1653	2354	474	3014	3015
1654	2356	486	3016	3017
1655	2358	504	3018	3019
1656	2360	516	3020	3021
1657	2362	534	3022	3023
1658	2290	546	3024	3025
1659	2364	558	3026	3027
1660	2366	576	3028	3029
1661	2368	588	3030	3031
1662	2370	606	3032	3033
1663	2372	618	3034	3035
1664	2374	630	3036	3037
1665	2376	648	3038	3039
1666	2378	660	3040	3041
1667	2380	678	3042	3043
1668	2292	690	3044	3045
1669	2382	702	3046	3047
1670	2384	720	3048	3049
1671	2386	732	3050	3051
1672	2388	750	3052	3053
1673	2390	762	3054	3055
1674	2392	774	3056	3057
1675	2394	792	3058	3059
1676	2396	804	3060	3061
1677	2398	822	3062	3063
1678	2294	834	3064	3065
1679	2400	846	3066	3067
1680	2402	864	3068	3069
1681	2404	876	3070	3071
1682	2406	894	3072	3073
1683	2408	906	3074	3075
1684	2410	924	3076	3077
1685	2296	936	3078	3079

1686	2903	1182	3080	3081
1687	2904	2905	3082	3083

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)		
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BMI21	ELEMENTS			
1	1	2	3	
2	4	5	6	
3	7	8	9	
4	2	10	11	
5	5	12	13	
6	8	14	15	
7	10	16	17	
8	12	18	19	
9	14	20	21	
10	16	22	23	
11	18	24	25	
12	20	26	27	
13	22	28	29	
14	24	30	31	
15	26	32	33	
16	28	34	35	
17	30	36	37	
18	32	38	39	
19	34	40	41	
20	36	42	43	
21	38	44	45	
22	40	46	47	
23	42	48	49	
24	44	50	51	
25	46	52	53	
26	48	54	55	
27	50	56	57	
28	52	58	59	
29	54	60	61	
30	56	62	63	
31	58	64	65	
32	60	66	67	
33	62	68	69	
34	64	70	71	
35	66	72	73	
36	68	74	75	
37	70	76	77	
38	72	78	79	
39	74	80	81	
40	76	82	83	
41	78	84	85	
42	80	86	87	
43	82	88	89	
44	84	90	91	
45	86	92	93	
46	88	94	95	
47	90	96	97	
48	92	98	99	
49	94	100	101	
50	96	102	103	
51	98	104	105	
52	100	106	107	
53	102	108	109	
54	104	110	111	
55	106	112	113	
56	108	114	115	
57	110	116	117	
58	112	118	119	
59	114	120	121	
60	116	122	123	
61	118	124	125	
62	120	126	127	
63	122	128	129	
64	124	130	131	
65	126	132	133	
66	128	134	135	
67	130	136	137	
68	132	138	139	
69	134	140	141	
70	136	142	143	
71	138	144	145	
72	140	146	147	
73	142	148	149	
74	144	150	151	
75	146	152	153	
76	148	154	155	
77	150	156	157	
78	152	158	159	
79	154	160	161	
80	156	162	163	
81	158	164	165	
82	160	166	167	
83	162	168	169	
84	164	170	171	
85	166	172	173	
86	168	174	175	
87	170	176	177	
88	172	178	179	
89	174	180	181	
90	176	182	183	
91	178	184	185	
92	180	186	187	
93	182	188	189	

94	184	190	191
95	186	192	193
96	188	194	195
97	190	196	197
98	192	198	199
99	194	200	201
100	196	202	203
101	198	204	205
102	200	206	207
103	202	208	209
104	204	210	211
105	206	212	213
106	208	214	215
107	210	216	217
108	212	218	219
109	214	220	221
110	216	222	223
111	218	224	225
112	220	226	227
113	222	228	229
114	224	230	231
115	226	232	233
116	228	234	235
117	230	236	237
118	232	238	239
119	234	240	241
120	236	242	243
121	238	244	245
122	240	246	247
123	242	248	249
124	244	250	251
125	246	252	253
126	248	254	255
127	250	256	257
128	252	258	259
129	254	260	261
130	256	262	263
131	258	264	265
132	260	266	267
133	262	268	269
134	264	270	271
135	266	272	273
136	268	274	275
137	270	276	277
138	272	278	279
139	274	280	281
140	276	282	283
141	278	284	285
142	280	286	287
143	282	288	289
144	284	290	291
145	286	292	293
146	288	294	295
147	290	296	297
148	292	298	299
149	294	300	301
150	296	302	303
151	298	304	305
152	300	306	307
153	302	308	309
154	304	310	311
155	306	312	313
156	308	314	315
157	310	316	317
158	312	318	319
159	314	320	321
160	316	322	323
161	318	324	325
162	320	326	327
163	322	328	329
164	324	330	331
165	326	332	333
166	328	334	335
167	330	336	337
168	332	338	339
169	334	340	341
170	336	342	343
171	338	344	345
172	340	346	347
173	342	348	349
174	344	350	351
175	346	352	353
176	348	354	355
177	350	356	357
178	352	358	359
179	354	360	361
180	356	362	363
181	358	364	365
182	360	366	367
183	362	368	369
184	364	370	371
185	366	372	373
186	368	374	375
187	370	376	377
188	372	378	379
189	374	380	381
190	376	382	383
191	378	384	385
192	380	386	387
193	382	388	389
194	384	390	391
195	386	392	393
196	388	394	395
197	390	396	397
198	392	398	399

199	394	400	401
200	396	402	403
201	398	404	405
202	400	406	407
203	402	408	409
204	404	410	411
205	410	412	413
206	408	414	415
207	406	416	417
208	412	418	419
209	414	420	421
210	416	422	423
211	418	424	425
212	420	426	427
213	422	428	429
214	424	430	431
215	426	432	433
216	428	434	435
217	430	436	437
218	432	438	439
219	434	440	441
220	436	442	443
221	438	444	445
222	440	446	447
223	442	448	449
224	444	450	451
225	446	452	453
226	448	454	455
227	450	456	457
228	452	458	459
229	454	460	461
230	456	462	463
231	458	464	465
232	460	466	467
233	462	468	469
234	464	470	471
235	466	472	473
236	468	474	475
237	470	476	477
238	472	478	479
239	474	480	481
240	476	482	483
241	478	484	485
242	480	486	487
243	482	488	489
244	484	490	491
245	486	492	493
246	488	494	495
247	490	496	497
248	492	498	499
249	494	500	501
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1012	1853	1852	1856
1013	874	1853	1857
1014	876	874	1858
1015	876	878	1859
1016	878	1854	1860
1017	1854	1855	1862
1018	1863	1861	1865
1019	886	1863	1867
1020	888	886	1868
1021	890	888	1869
1022	1864	890	1870
1023	1866	1864	1872
1024	1873	1871	1875
1025	892	1873	1877
1026	894	892	1878
1027	894	896	1879
1028	896	1874	1880
1029	1874	1876	1882
1030	1883	1881	1885
1031	898	1883	1887
1032	900	898	1888
1033	902	900	1889
1034	1884	902	1890
1035	1886	1884	1892
1036	1893	1891	1895
1037	904	1893	1897
1038	906	904	1898

1039	906	908	1899
1040	908	1894	1900
1041	1894	1896	1902
1042	1903	1901	1904
1043	910	1903	1907
1044	912	910	1908
1045	914	912	1909
1046	1905	914	1910
1047	1906	1905	1913
1048	1912	1911	1914
1049	922	1912	1917
1050	924	922	1918
1051	924	926	1919
1052	926	1915	1920
1053	1915	1916	1923
1054	1922	1921	1924
1055	928	1922	1927
1056	930	928	1928
1057	932	930	1929
1058	1925	932	1931
1059	1926	1925	1933
1060	1932	1930	1934
1061	934	1932	1936
1062	1938	934	1939
1063	936	934	1942
1064	1941	1940	1943
1065	940	1941	1944
1066	936	938	1945
1067	942	940	1946
1068	1947	938	1948
1069	938	1935	1949
1070	1935	1937	1950
1071	942	944	1951
1072	944	1954	1955
1073	1954	1953	1956
1074	1957	1958	1959
1075	1958	1960	1961
1076	1962	1963	1964
1077	1963	1965	1966
1078	1967	1968	1969
1079	1968	1970	1971
1080	1972	1973	1974
1081	1973	1975	1976
1082	1977	1978	1979
1083	1978	1980	1981
1084	1982	1983	1984
1085	1983	1985	1986
1086	1987	1988	1989
1087	1988	1990	1991
1088	1992	1993	1994
1089	1993	1995	1996
1090	1997	1998	1999
1091	1998	2000	2001
1092	2002	2003	2004
1093	2003	2005	2006
1094	2007	2008	2009
1095	2008	2010	2011
1096	2012	2013	2014
1097	2013	2015	2016
1098	2017	2018	2019
1099	2018	2020	2021
1100	2022	2023	2024
1101	2023	2025	2026
1102	2027	2028	2029
1103	2028	2030	2031
1104	2032	2033	2034
1105	2033	2035	2036
1106	2037	2038	2039
1107	2038	2040	2041
1108	2042	2043	2044
1109	2043	2045	2046
1110	2047	2048	2049
1111	2048	2050	2051
1112	2052	2053	2054
1113	2053	2055	2056
1114	2057	2058	2059
1115	2058	2060	2061
1116	2062	2063	2064
1117	2063	2065	2066
1118	2067	2068	2069
1119	2068	2070	2071
1120	2072	2073	2074
1121	2073	2075	2076
1122	2077	2078	2079
1123	2078	2080	2081
1124	2082	2083	2084
1125	2083	2085	2086
1126	2087	2088	2089
1127	2088	2090	2091
1128	2092	2093	2094
1129	2093	2095	2096
1130	2097	2098	2099
1131	2100	2097	2101
1132	2102	2103	2104
1133	2105	2102	2106
1134	2107	2108	2109
1135	2110	2107	2111
1136	2112	2113	2114
1137	2115	2112	2116
1138	2117	2118	2119
1139	2120	2117	2121
1140	2122	2123	2124
1141	2125	2122	2126
1142	2127	2128	2129
1143	2130	2127	2131

1144	2132	2133	2134
1145	2135	2132	2136
1146	2137	2138	2139
1147	2140	2137	2141
1148	2142	2143	2144
1149	2145	2142	2146
1150	2147	2148	2149
1151	2150	2147	2151
1152	2152	2153	2154
1153	2155	2152	2156
1154	2157	2158	2159
1155	2160	2157	2161
1156	2162	2163	2164
1157	2165	2162	2166
1158	2167	2168	2169
1159	2170	2167	2171
1160	2172	2173	2174
1161	2175	2172	2176
1162	2177	2178	2179
1163	2180	2177	2181
1164	2182	2183	2184
1165	2185	2182	2186
1166	2187	2188	2189
1167	2190	2187	2191
1168	2192	2193	2194
1169	2195	2192	2196
1170	2197	2198	2199
1171	2200	2197	2201
1172	2202	2203	2204
1173	2205	2202	2206
1174	2207	2208	2209
1175	2210	2207	2211
1176	2212	2213	2214
1177	2215	2212	2216
1178	2217	2218	2219
1179	2220	2217	2221
1180	2222	2223	2224
1181	2225	2222	2226
1182	2227	2228	2229
1183	2230	2227	2231
1184	2232	2233	2234
1185	2235	2232	2236
1186	2237	2238	2239
1187	2240	2237	2241
1188	2242	2243	2244
1189	2245	2242	2246
1190	2247	2248	2249
1191	2250	2247	2251
1192	2252	2253	2254
1193	2255	2252	2256
1194	2257	2258	2259
1195	2260	2257	2261
1196	2262	2263	2264
1197	2265	2262	2266
1198	2267	2268	2269
1199	2270	2267	2271
1200	2272	2273	2274
1201	2275	2272	2276
1202	2277	2278	2279
1203	2280	2277	2281
1204	1958	2282	2283
1205	1993	2284	2285
1206	2043	2286	2287
1207	2093	2288	2289
1208	2142	2290	2291
1209	2192	2292	2293
1210	2242	2294	2295
1211	2277	2296	2297
1212	1963	2298	2299
1213	1968	2300	2301
1214	1973	2302	2303
1215	1978	2304	2305
1216	1983	2306	2307
1217	1988	2308	2309
1218	1998	2310	2311
1219	2003	2312	2313
1220	2008	2314	2315
1221	2013	2316	2317
1222	2018	2318	2319
1223	2023	2320	2321
1224	2028	2322	2323
1225	2033	2324	2325
1226	2038	2326	2327
1227	2048	2328	2329
1228	2053	2330	2331
1229	2058	2332	2333
1230	2063	2334	2335
1231	2068	2336	2337
1232	2073	2338	2339
1233	2078	2340	2341
1234	2083	2342	2343
1235	2088	2344	2345
1236	2097	2346	2347
1237	2102	2348	2349
1238	2107	2350	2351
1239	2112	2352	2353
1240	2117	2354	2355
1241	2122	2356	2357
1242	2127	2358	2359
1243	2132	2360	2361
1244	2137	2362	2363
1245	2147	2364	2365
1246	2152	2366	2367
1247	2157	2368	2369
1248	2162	2370	2371

1249	2167	2372	2373
1250	2172	2374	2375
1251	2177	2376	2377
1252	2182	2378	2379
1253	2187	2380	2381
1254	2197	2382	2383
1255	2202	2384	2385
1256	2207	2386	2387
1257	2212	2388	2389
1258	2217	2390	2391
1259	2222	2392	2393
1260	2227	2394	2395
1261	2232	2396	2397
1262	2237	2398	2399
1263	2247	2400	2401
1264	2252	2402	2403
1265	2257	2404	2405
1266	2262	2406	2407
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1268	2272	2410	2411
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1270	1960	8	2413
1271	1962	16	2414
1272	1965	20	2415
1273	1967	28	2416
1274	1970	32	2417
1275	1972	40	2418
1276	1975	44	2419
1277	1977	58	2420
1278	1980	62	2421
1279	1982	70	2422
1280	1985	74	2423
1281	1987	88	2424
1282	1990	92	2425
1283	1992	100	2426
1284	1995	104	2427
1285	1997	112	2428
1286	2000	116	2429
1287	2002	130	2430
1288	2005	134	2431
1289	2007	142	2432
1290	2010	146	2433
1291	2012	160	2434
1292	2015	164	2435
1293	2017	172	2436
1294	2020	176	2437
1295	2022	184	2438
1296	2025	188	2439
1297	2027	202	2440
1298	2030	206	2441
1299	2032	214	2442
1300	2035	218	2443
1301	2037	232	2444
1302	2040	236	2445
1303	2042	244	2446
1304	2045	248	2447
1305	2047	256	2448
1306	2050	260	2449
1307	2052	274	2450
1308	2055	278	2451
1309	2057	286	2452
1310	2060	290	2453
1311	2062	304	2454
1312	2065	308	2455
1313	2067	316	2456
1314	2070	320	2457
1315	2072	340	2458
1316	2075	344	2459
1317	2077	358	2460
1318	2080	362	2461
1319	2082	370	2462
1320	2085	374	2463
1321	2087	388	2464
1322	2090	392	2465
1323	2092	400	2466
1324	2095	404	2467
1325	2098	412	2468
1326	2100	416	2469
1327	2103	430	2470
1328	2105	434	2471
1329	2108	442	2472
1330	2110	446	2473
1331	2113	460	2474
1332	2115	464	2475
1333	2118	472	2476
1334	2120	476	2477
1335	2123	484	2478
1336	2125	488	2479
1337	2128	502	2480
1338	2130	506	2481
1339	2133	514	2482
1340	2135	518	2483
1341	2138	532	2484
1342	2140	536	2485
1343	2143	544	2486
1344	2145	548	2487
1345	2148	556	2488
1346	2150	560	2489
1347	2153	574	2490
1348	2155	578	2491
1349	2158	586	2492
1350	2160	590	2493
1351	2163	604	2494
1352	2165	608	2495
1353	2168	616	2496

1354	2170	620	2497
1355	2173	628	2498
1356	2175	632	2499
1357	2178	646	2500
1358	2180	650	2501
1359	2183	658	2502
1360	2185	662	2503
1361	2188	676	2504
1362	2190	680	2505
1363	2193	688	2506
1364	2195	692	2507
1365	2198	700	2508
1366	2200	704	2509
1367	2203	718	2510
1368	2205	722	2511
1369	2208	730	2512
1370	2210	734	2513
1371	2213	748	2514
1372	2215	752	2515
1373	2218	760	2516
1374	2220	764	2517
1375	2223	772	2518
1376	2225	776	2519
1377	2228	790	2520
1378	2230	794	2521
1379	2233	802	2522
1380	2235	806	2523
1381	2238	820	2524
1382	2240	824	2525
1383	2243	832	2526
1384	2245	836	2527
1385	2248	844	2528
1386	2250	848	2529
1387	2253	862	2530
1388	2255	866	2531
1389	2258	874	2532
1390	2260	878	2533
1391	2263	892	2534
1392	2265	896	2535
1393	2268	904	2536
1394	2270	908	2537
1395	2273	922	2538
1396	2275	926	2539
1397	2278	934	2540
1398	2280	938	2541
1399	2542	2543	2544
1400	1	2542	2545
1401	4	1	2548
1402	2547	2546	2549
1403	4	7	2550
1404	2	2547	2551
1405	2552	2	2553
1406	7	2554	2555
1407	5	2	2556
1408	2554	2557	2558
1409	5	8	2559
1410	2562	8	2563
1411	8	2560	2564
1412	2560	2561	2565
1413	2566	2567	2570
1414	2567	10	2571
1415	10	12	2572
1416	12	14	2573
1417	14	2568	2574
1418	2568	2569	2575
1419	2577	2576	2580
1420	16	2577	2581
1421	18	16	2582
1422	18	20	2583
1423	20	2578	2584
1424	2578	2579	2585
1425	2586	2587	2590
1426	2587	22	2591
1427	22	24	2592
1428	24	26	2593
1429	26	2588	2594
1430	2588	2589	2595
1431	2597	2596	2600
1432	28	2597	2601
1433	30	28	2602
1434	30	32	2603
1435	32	2598	2604
1436	2598	2599	2605
1437	2606	2607	2610
1438	2607	34	2611
1439	34	36	2612
1440	36	38	2613
1441	38	2608	2614
1442	2608	2609	2615
1443	2617	2616	2620
1444	40	2617	2621
1445	42	40	2622
1446	42	44	2623
1447	44	2618	2624
1448	2618	2619	2625
1449	2626	2627	2630
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1453	50	2628	2634
1454	2628	2629	2635
1455	2637	2636	2640
1456	58	2637	2641
1457	60	58	2642
1458	60	62	2643

1459	62	2638	2644
1460	2638	2639	2645
1461	2646	2647	2650
1462	2647	64	2651
1463	64	66	2652
1464	66	68	2653
1465	68	2648	2654
1466	2648	2649	2655
1467	2657	2656	2660
1468	70	2657	2661
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1482	90	92	2683
1483	92	2678	2684
1484	2678	2679	2685
1485	2686	2687	2690
1486	2687	94	2691
1487	94	96	2692
1488	96	98	2693
1489	98	2688	2694
1490	2688	2689	2695
1491	2697	2696	2700
1492	100	2697	2701
1493	2702	100	2703
1494	102	100	2704
1495	102	104	2705
1496	2706	104	2707
1497	104	2698	2708
1498	2698	2699	2709
1499	2710	2711	2714
1500	2711	106	2715
1501	106	108	2716
1502	108	110	2717
1503	110	2712	2718
1504	2712	2713	2719
1505	2721	2720	2724
1506	112	2721	2725
1507	114	112	2726
1508	114	116	2727
1509	116	2722	2728
1510	2722	2723	2729
1511	2730	2731	2734
1512	2731	124	2735
1513	124	126	2736
1514	126	128	2737
1515	128	2732	2738
1516	2732	2733	2739
1517	2741	2740	2744
1518	130	2741	2745
1519	132	130	2746
1520	132	134	2747
1521	134	2742	2748
1522	2742	2743	2749
1523	2750	2751	2754
1524	2751	136	2755
1525	136	138	2756
1526	138	140	2757
1527	140	2752	2758
1528	2752	2753	2759
1529	2761	2760	2764
1530	142	2761	2765
1531	144	142	2766
1532	144	146	2767
1533	146	2762	2768
1534	2762	2763	2769
1535	2770	2771	2774
1536	2771	148	2775
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1539	152	2772	2778
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1548	2791	166	2795
1549	166	168	2796
1550	168	170	2797
1551	170	2792	2798
1552	2792	2793	2799
1553	2801	2800	2804
1554	172	2801	2805
1555	174	172	2806
1556	174	176	2807
1557	176	2802	2808
1558	2802	2803	2809
1559	2810	2811	2814
1560	2811	178	2815
1561	178	180	2816
1562	180	182	2817
1563	182	2812	2818

1564	2812	2813	2819
1565	2821	2820	2824
1566	184	2821	2825
1567	186	184	2826
1568	186	188	2827
1569	188	2822	2828
1570	2822	2823	2829
1571	2830	2831	2834
1572	2831	196	2835
1573	196	198	2836
1574	198	200	2837
1575	200	2832	2838
1576	2832	2833	2839
1577	2841	2840	2844
1578	202	2841	2845
1579	204	202	2846
1580	204	206	2847
1581	206	2842	2848
1582	2842	2843	2849
1583	2850	2851	2854
1584	2851	208	2855
1585	208	210	2856
1586	210	212	2857
1587	212	2852	2858
1588	2852	2853	2859
1589	2861	2860	2864
1590	214	2861	2865
1591	216	214	2866
1592	216	218	2867
1593	218	2862	2868
1594	2862	2863	2869
1595	950	952	2870
1596	952	220	2871
1597	220	222	2872
1598	222	224	2873

TOTAL NUMBER OF ELEMENTS	=	1687
LARGEST ELEMENT NUMBER	=	1687
LARGEST NODE NUMBER	=	3083

DEFAULT SOLVER CHOSEN

NODE COORDINATES

NODE NO.	COORDINATE IN X-DIRECTION	COORDINATE IN Y-DIRECTION	COORDINATE IN Z-DIRECTION
	M	M	M
1	304.676	-62.9175	0.000000E+00
2	305.273	-62.9707	0.000000E+00
3	304.764	-61.9214	0.000000E+00
4	304.985	-59.4312	0.000000E+00
5	305.583	-59.4844	0.000000E+00
6	305.074	-58.4351	0.000000E+00
7	305.295	-55.9449	0.000000E+00
8	305.893	-55.9981	0.000000E+00
9	305.384	-54.9489	0.000000E+00
10	307.679	-63.1824	0.000000E+00
11	305.361	-61.9745	0.000000E+00
12	307.981	-59.6955	0.000000E+00
13	305.671	-58.4883	0.000000E+00
14	308.287	-56.2089	0.000000E+00
15	305.980	-55.0020	0.000000E+00
16	310.081	-63.3900	0.000000E+00
17	307.765	-62.1862	0.000000E+00
18	310.379	-59.9027	0.000000E+00
19	308.067	-58.6992	0.000000E+00
20	310.678	-56.4155	0.000000E+00
21	308.373	-55.2126	0.000000E+00
22	312.477	-63.5932	0.000000E+00
23	310.165	-62.3936	0.000000E+00
24	312.770	-60.1055	0.000000E+00
25	310.464	-58.9063	0.000000E+00
26	313.063	-56.6178	0.000000E+00
27	310.762	-55.4191	0.000000E+00
28	314.889	-63.7939	0.000000E+00
29	312.560	-62.5967	0.000000E+00
30	315.177	-60.3057	0.000000E+00
31	312.853	-59.1090	0.000000E+00
32	315.464	-56.8175	0.000000E+00
33	313.146	-55.6212	0.000000E+00
34	317.303	-63.9908	0.000000E+00
35	314.971	-62.7972	0.000000E+00
36	317.576	-60.5014	0.000000E+00
37	315.258	-59.3090	0.000000E+00
38	317.867	-57.0135	0.000000E+00
39	315.545	-55.8208	0.000000E+00
40	319.699	-64.1824	0.000000E+00
41	317.383	-62.9940	0.000000E+00
42	319.975	-60.6933	0.000000E+00
43	317.655	-59.5046	0.000000E+00
44	320.251	-57.2042	0.000000E+00
45	317.947	-56.0167	0.000000E+00
46	322.104	-64.3709	0.000000E+00
47	319.777	-63.1854	0.000000E+00
48	322.375	-60.8813	0.000000E+00
49	320.053	-59.6964	0.000000E+00
50	322.646	-57.3918	0.000000E+00
51	320.330	-56.2073	0.000000E+00

52	322.954	-64.4365	0.000000E+00
53	322.182	-63.3738	0.000000E+00
54	323.222	-60.9468	0.272005E-14
55	322.452	-59.8843	0.000000E+00
56	323.491	-57.4571	0.000000E+00
57	322.723	-56.3948	0.000000E+00
58	324.510	-64.5555	0.000000E+00
59	323.030	-63.4394	0.000000E+00
60	324.775	-61.0655	0.103806E-13
61	323.298	-59.9497	0.272005E-14
62	325.040	-57.5756	0.000000E+00
63	323.567	-56.4601	0.000000E+00
64	326.907	-64.7356	0.000000E+00
65	324.585	-63.5583	0.000000E+00
66	327.176	-61.2459	0.000000E+00
67	324.850	-60.0683	0.103806E-13
68	327.426	-57.7548	0.000000E+00
69	325.115	-56.5784	0.000000E+00
70	329.322	-64.9132	0.000000E+00
71	326.980	-63.7383	0.000000E+00
72	329.576	-61.4224	0.000000E+00
73	327.249	-60.2486	0.000000E+00
74	329.830	-57.9317	0.000000E+00
75	327.499	-56.7575	0.000000E+00
76	331.736	-65.0868	0.000000E+00
77	329.394	-63.9158	0.000000E+00
78	331.985	-61.5956	0.000000E+00
79	329.648	-60.4250	0.000000E+00
80	332.233	-58.1044	0.000000E+00
81	329.902	-56.9342	0.000000E+00
82	332.950	-65.1727	0.000000E+00
83	331.807	-64.0893	0.000000E+00
84	333.195	-61.6812	-0.416334E-13
85	332.055	-60.5981	0.000000E+00
86	333.441	-58.1899	0.000000E+00
87	332.303	-57.1069	0.000000E+00
88	334.136	-65.2556	0.000000E+00
89	333.019	-64.1751	0.000000E+00
90	334.378	-61.7639	-0.274780E-13
91	333.265	-60.6836	-0.416334E-13
92	334.621	-58.2724	0.000000E+00
93	333.510	-57.1923	0.000000E+00
94	336.541	-65.4208	0.000000E+00
95	334.204	-64.2579	0.000000E+00
96	336.780	-61.9290	0.000000E+00
97	334.447	-60.7663	-0.274780E-13
98	337.015	-58.4368	0.000000E+00
99	334.690	-57.2748	0.000000E+00
100	338.950	-65.5825	0.000000E+00
101	336.608	-64.4230	0.000000E+00
102	339.182	-62.0901	0.000000E+00
103	336.847	-60.9312	0.000000E+00
104	339.413	-58.5978	0.000000E+00
105	337.082	-57.4391	0.000000E+00
106	341.373	-65.7410	0.000000E+00
107	339.015	-64.5846	0.000000E+00
108	341.599	-62.2483	0.000000E+00
109	339.247	-61.0923	0.000000E+00
110	341.824	-58.7556	0.000000E+00
111	339.478	-57.5999	0.000000E+00
112	343.801	-65.8961	0.000000E+00
113	341.436	-64.7431	0.000000E+00
114	344.021	-62.4031	0.568434E-13
115	341.662	-61.2504	0.000000E+00
116	344.242	-58.9100	0.000000E+00
117	341.888	-57.7577	0.000000E+00
118	344.952	-65.9682	0.000000E+00
119	343.864	-64.8981	0.000000E+00
120	345.169	-62.4751	0.194289E-13
121	344.084	-61.4050	0.568434E-13
122	345.387	-58.9818	0.000000E+00
123	344.304	-57.9120	0.000000E+00
124	346.232	-66.0474	0.000000E+00
125	345.013	-64.9701	0.000000E+00
126	346.446	-62.5540	0.309197E-13
127	345.231	-61.4770	0.194289E-13
128	346.661	-59.0606	0.000000E+00
129	345.448	-57.9837	0.000000E+00
130	348.653	-66.1942	0.000000E+00
131	346.292	-65.0493	0.000000E+00
132	348.862	-62.7005	0.000000E+00
133	346.507	-61.5559	0.309197E-13
134	349.071	-59.2067	0.000000E+00
135	346.721	-58.0624	0.000000E+00
136	351.092	-66.3381	0.000000E+00
137	348.712	-65.1960	0.000000E+00
138	351.295	-62.8440	0.000000E+00
139	348.921	-61.7022	0.000000E+00
140	351.498	-59.3500	0.000000E+00
141	349.130	-58.2085	0.000000E+00
142	353.506	-66.4767	0.000000E+00
143	351.149	-65.3398	0.000000E+00
144	353.704	-62.9823	0.000000E+00
145	351.352	-61.8457	0.000000E+00
146	353.902	-59.4879	0.000000E+00
147	351.556	-58.3516	0.000000E+00
148	355.926	-66.6117	0.000000E+00
149	353.562	-65.4783	0.000000E+00
150	356.119	-63.1170	0.000000E+00
151	353.760	-61.9839	0.000000E+00
152	356.311	-59.6222	0.000000E+00
153	353.958	-58.4894	0.000000E+00
154	357.209	-66.6817	0.000000E+00
155	355.981	-65.6132	0.000000E+00
156	357.398	-63.1869	0.666134E-14

157	356.173	-62.1185	0.000000E+00
158	357.588	-59.6919	0.000000E+00
159	356.365	-58.6237	0.000000E+00
160	358.360	-66.7435	0.000000E+00
161	357.263	-65.6831	0.000000E+00
162	358.547	-63.2485	-0.888178E-15
163	357.452	-62.1883	0.666134E-14
164	358.733	-59.7535	0.000000E+00
165	357.641	-58.6933	0.000000E+00
166	360.788	-66.8711	0.000000E+00
167	358.413	-65.7449	0.000000E+00
168	360.968	-63.3757	0.000000E+00
169	358.599	-62.2499	-0.888178E-15
170	361.150	-59.8804	0.000000E+00
171	358.786	-58.7548	0.000000E+00
172	363.215	-66.9947	0.000000E+00
173	360.839	-65.8724	0.000000E+00
174	363.390	-63.4991	0.000000E+00
175	361.019	-62.3770	0.000000E+00
176	363.566	-60.0035	0.000000E+00
177	361.201	-58.8817	0.000000E+00
178	365.651	-67.1148	0.000000E+00
179	363.264	-65.9959	0.000000E+00
180	365.812	-63.6185	0.000000E+00
181	363.440	-62.5003	0.000000E+00
182	365.990	-60.1230	0.000000E+00
183	363.615	-59.0047	0.000000E+00
184	368.071	-67.2302	0.000000E+00
185	365.698	-66.1159	0.000000E+00
186	368.235	-63.7340	0.000000E+00
187	365.860	-62.6196	0.000000E+00
188	368.399	-60.2379	0.000000E+00
189	366.038	-59.1241	0.000000E+00
190	369.222	-67.2837	0.000000E+00
191	368.117	-66.2313	0.000000E+00
192	369.383	-63.7875	0.470179E-13
193	368.281	-62.7351	0.000000E+00
194	369.545	-60.2912	0.000000E+00
195	368.445	-59.2389	0.000000E+00
196	370.488	-67.3416	0.000000E+00
197	369.268	-66.2848	0.000000E+00
198	370.646	-63.8452	-0.489053E-13
199	369.429	-62.7886	0.470179E-13
200	370.805	-60.3487	0.000000E+00
201	369.590	-59.2922	0.000000E+00
202	372.927	-67.4500	0.000000E+00
203	370.532	-66.3426	0.000000E+00
204	373.080	-63.9534	0.000000E+00
205	370.691	-62.8462	-0.489053E-13
206	373.232	-60.4567	0.000000E+00
207	370.849	-59.3497	0.000000E+00
208	375.352	-67.5540	0.000000E+00
209	372.970	-66.4510	0.000000E+00
210	375.499	-64.0570	0.000000E+00
211	373.122	-62.9543	0.000000E+00
212	375.646	-60.5601	0.000000E+00
213	373.275	-59.4576	0.000000E+00
214	377.784	-67.6542	0.000000E+00
215	375.393	-66.5548	0.000000E+00
216	377.925	-64.1571	0.000000E+00
217	375.540	-63.0579	0.000000E+00
218	378.067	-60.6600	0.000000E+00
219	375.687	-59.5610	0.000000E+00
220	380.217	-67.7506	0.000000E+00
221	377.824	-66.6550	0.000000E+00
222	380.352	-64.2533	0.000000E+00
223	377.965	-63.1579	0.000000E+00
224	380.488	-60.7559	0.000000E+00
225	378.106	-59.6607	0.000000E+00
226	381.490	-67.7995	0.000000E+00
227	380.255	-66.7514	0.000000E+00
228	381.623	-64.3021	0.298650E-13
229	380.391	-63.2540	0.000000E+00
230	381.755	-60.8045	0.000000E+00
231	380.527	-59.7566	0.000000E+00
232	382.642	-67.8428	0.000000E+00
233	381.527	-66.8002	0.000000E+00
234	382.772	-64.3452	-0.593414E-13
235	381.660	-63.3028	0.298650E-13
236	382.902	-60.8476	0.000000E+00
237	381.793	-59.8052	0.000000E+00
238	385.082	-67.9316	0.000000E+00
239	382.678	-66.8434	0.000000E+00
240	385.206	-64.4338	0.000000E+00
241	382.808	-63.3459	-0.593414E-13
242	385.331	-60.9360	0.000000E+00
243	382.938	-59.8483	0.000000E+00
244	387.500	-68.0156	0.000000E+00
245	385.117	-66.9322	0.000000E+00
246	387.619	-64.5177	0.000000E+00
247	385.241	-63.4344	0.000000E+00
248	387.737	-61.0197	0.000000E+00
249	385.366	-59.9366	0.000000E+00
250	389.922	-68.0960	0.000000E+00
251	387.533	-67.0162	0.000000E+00
252	390.035	-64.5978	0.000000E+00
253	387.652	-63.5183	0.000000E+00
254	390.148	-61.0996	0.000000E+00
255	387.771	-60.0202	0.000000E+00
256	392.359	-68.1729	0.000000E+00
257	389.953	-67.0965	0.000000E+00
258	392.466	-64.6745	0.341061E-12
259	390.066	-63.5983	0.000000E+00
260	392.574	-61.1762	0.000000E+00
261	390.180	-60.1001	0.000000E+00

262	393.511	-68.2078	0.000000E+00
263	392.389	-67.1733	0.000000E+00
264	393.616	-64.7095	-0.282552E-13
265	392.497	-63.6750	0.341061E-12
266	393.720	-61.2110	0.000000E+00
267	392.604	-60.1766	0.000000E+00
268	394.788	-68.2456	0.000000E+00
269	393.540	-67.2083	0.000000E+00
270	394.890	-64.7471	-0.587863E-13
271	393.645	-63.7099	-0.282552E-13
272	394.992	-61.2486	0.000000E+00
273	393.750	-60.2114	0.000000E+00
274	397.218	-68.3144	0.000000E+00
275	394.816	-67.2460	0.000000E+00
276	397.314	-64.8157	0.000000E+00
277	394.918	-63.7475	-0.587863E-13
278	397.410	-61.3171	0.000000E+00
279	395.020	-60.2490	0.000000E+00
280	399.655	-68.3795	0.000000E+00
281	397.244	-67.3148	0.000000E+00
282	399.746	-64.8807	0.000000E+00
283	397.341	-63.8161	0.000000E+00
284	399.836	-61.3818	0.000000E+00
285	397.437	-60.3174	0.000000E+00
286	402.077	-68.4403	0.000000E+00
287	399.680	-67.3798	0.000000E+00
288	402.162	-64.9413	0.000000E+00
289	399.771	-63.8810	0.000000E+00
290	402.247	-61.4424	0.000000E+00
291	399.861	-60.3822	0.000000E+00
292	404.496	-68.4971	0.000000E+00
293	402.101	-67.4406	0.000000E+00
294	404.575	-64.9980	0.000000E+00
295	402.186	-63.9416	0.000000E+00
296	404.655	-61.4989	0.000000E+00
297	402.271	-60.4426	0.000000E+00
298	405.785	-68.5258	0.000000E+00
299	404.518	-67.4973	0.000000E+00
300	405.861	-65.0267	0.177636E-14
301	404.598	-63.9982	0.000000E+00
302	405.938	-61.5275	0.000000E+00
303	404.677	-60.4991	0.000000E+00
304	406.937	-68.5505	0.000000E+00
305	405.806	-67.5260	0.000000E+00
306	407.011	-65.0513	0.522637E-13
307	405.883	-64.0269	0.177636E-14
308	407.085	-61.5521	0.000000E+00
309	405.959	-60.5277	0.000000E+00
310	409.368	-68.5997	0.000000E+00
311	406.958	-67.5507	0.000000E+00
312	409.436	-65.1004	0.000000E+00
313	407.031	-64.0515	0.522637E-13
314	409.504	-61.6011	0.000000E+00
315	407.105	-60.5523	0.000000E+00
316	411.798	-68.6450	0.000000E+00
317	409.386	-67.5999	0.000000E+00
318	411.860	-65.1456	0.000000E+00
319	409.454	-64.1006	0.000000E+00
320	411.923	-61.6462	0.000000E+00
321	409.522	-60.6012	0.000000E+00
322	413.013	-68.6662	0.000000E+00
323	411.815	-67.6452	0.000000E+00
324	413.073	-65.1667	0.160982E-13
325	411.878	-64.1458	0.000000E+00
326	413.132	-61.6672	0.000000E+00
327	411.940	-60.6463	0.000000E+00
328	414.228	-68.6864	0.000000E+00
329	413.030	-67.6664	0.000000E+00
330	414.285	-65.1869	-0.333067E-14
331	413.089	-64.1669	0.160982E-13
332	414.342	-61.6874	0.000000E+00
333	413.149	-60.6674	0.000000E+00
334	415.445	-68.7057	0.000000E+00
335	414.244	-67.6866	0.000000E+00
336	415.497	-65.2061	0.321965E-14
337	414.301	-64.1870	-0.333067E-14
338	415.551	-61.7065	0.000000E+00
339	414.358	-60.6875	0.000000E+00
340	416.658	-68.7239	0.000000E+00
341	415.460	-67.7058	0.000000E+00
342	416.710	-65.2243	-0.189293E-13
343	415.512	-64.2062	0.321965E-14
344	416.761	-61.7247	0.000000E+00
345	415.566	-60.7066	0.000000E+00
346	417.811	-68.7403	0.000000E+00
347	416.673	-67.7240	0.000000E+00
348	417.859	-65.2407	-0.198175E-13
349	416.724	-64.2244	-0.189293E-13
350	417.908	-61.7410	0.000000E+00
351	416.775	-60.7248	0.000000E+00
352	419.100	-68.7576	0.000000E+00
353	417.824	-67.7404	0.000000E+00
354	419.145	-65.2579	-0.376921E-13
355	417.873	-64.2408	-0.198175E-13
356	419.191	-61.7582	0.000000E+00
357	417.921	-60.7411	0.000000E+00
358	421.519	-68.7871	0.000000E+00
359	419.112	-67.7577	0.000000E+00
360	421.559	-65.2874	0.000000E+00
361	419.157	-64.2580	-0.376921E-13
362	421.599	-61.7876	0.000000E+00
363	419.203	-60.7583	0.000000E+00
364	423.950	-68.8128	0.000000E+00
365	421.530	-67.7872	0.000000E+00
366	423.984	-65.3130	0.000000E+00

367	421.570	-64.2874	0.000000E+00
368	424.018	-61.8132	0.000000E+00
369	421.610	-60.7876	0.000000E+00
370	426.380	-68.8347	0.000000E+00
371	423.959	-67.8129	0.000000E+00
372	426.409	-65.3348	0.000000E+00
373	423.993	-64.3131	0.000000E+00
374	426.438	-61.8349	0.000000E+00
375	424.027	-60.8132	0.000000E+00
376	428.810	-68.8525	0.000000E+00
377	426.388	-67.8347	0.000000E+00
378	428.833	-65.3526	0.000000E+00
379	426.416	-64.3348	0.000000E+00
380	428.856	-61.8527	0.000000E+00
381	426.445	-60.8349	0.000000E+00
382	430.089	-68.8604	0.000000E+00
383	428.816	-67.8526	0.000000E+00
384	430.109	-65.3605	0.999201E-14
385	428.839	-64.3526	0.000000E+00
386	430.129	-61.8605	0.000000E+00
387	428.862	-60.8527	0.000000E+00
388	431.242	-68.8665	0.000000E+00
389	430.094	-67.8604	0.000000E+00
390	431.259	-65.3666	-0.154321E-13
391	430.114	-64.3605	0.999201E-14
392	431.276	-61.8666	0.000000E+00
393	430.134	-60.8605	0.000000E+00
394	433.672	-68.8766	0.000000E+00
395	431.246	-67.8665	0.000000E+00
396	433.684	-65.3766	0.000000E+00
397	431.263	-64.3666	-0.154321E-13
398	433.695	-61.8766	0.000000E+00
399	431.280	-60.8666	0.000000E+00
400	436.103	-68.8827	0.000000E+00
401	433.675	-67.8766	0.000000E+00
402	436.109	-65.3828	0.000000E+00
403	433.686	-64.3766	0.000000E+00
404	436.115	-61.8827	0.000000E+00
405	433.698	-60.8766	0.000000E+00
406	438.533	-68.8849	0.000000E+00
407	436.104	-67.8827	0.000000E+00
408	438.534	-65.3849	0.000000E+00
409	436.110	-64.3828	0.000000E+00
410	438.534	-61.8849	0.000000E+00
411	436.116	-60.8827	0.000000E+00
412	440.954	-61.8832	0.000000E+00
413	438.533	-60.8849	0.000000E+00
414	440.959	-65.3832	0.113687E-12
415	438.533	-64.3849	0.000000E+00
416	440.964	-68.8832	0.000000E+00
417	438.533	-67.8849	0.000000E+00
418	442.101	-61.8811	0.000000E+00
419	440.952	-60.8832	0.000000E+00
420	442.109	-65.3811	0.832667E-14
421	440.957	-64.3832	0.113687E-12
422	442.117	-68.8810	0.000000E+00
423	440.962	-67.8832	0.000000E+00
424	443.368	-61.8776	0.000000E+00
425	442.098	-60.8811	0.000000E+00
426	443.379	-65.3776	0.399680E-14
427	442.106	-64.3811	0.832667E-14
428	443.390	-68.8776	0.000000E+00
429	442.114	-67.8810	0.000000E+00
430	445.792	-61.8681	0.000000E+00
431	443.364	-60.8776	0.000000E+00
432	445.809	-65.3681	0.000000E+00
433	443.375	-64.3776	0.399680E-14
434	445.825	-68.8681	0.000000E+00
435	443.386	-67.8776	0.000000E+00
436	448.212	-61.8547	0.000000E+00
437	445.787	-60.8682	0.000000E+00
438	448.234	-65.3547	0.000000E+00
439	445.803	-64.3681	0.000000E+00
440	448.256	-68.8546	0.000000E+00
441	445.820	-67.8681	0.000000E+00
442	450.631	-61.8375	0.000000E+00
443	448.204	-60.8548	0.000000E+00
444	450.659	-65.3373	0.000000E+00
445	448.227	-64.3547	0.000000E+00
446	450.687	-68.8372	0.000000E+00
447	448.249	-67.8546	0.000000E+00
448	453.060	-61.8162	0.000000E+00
449	450.622	-60.8375	0.000000E+00
450	453.094	-65.3160	0.000000E+00
451	450.650	-64.3374	0.000000E+00
452	453.127	-68.8158	0.000000E+00
453	450.678	-67.8373	0.000000E+00
454	454.322	-61.8036	0.000000E+00
455	453.050	-60.8162	0.000000E+00
456	454.359	-65.3034	0.417444E-13
457	453.084	-64.3160	0.000000E+00
458	454.395	-68.8032	0.000000E+00
459	453.117	-67.8159	0.000000E+00
460	455.469	-61.7912	0.000000E+00
461	454.311	-60.8036	0.000000E+00
462	455.508	-65.2910	0.000000E+00
463	454.348	-64.3035	0.417444E-13
464	455.548	-68.7907	0.000000E+00
465	454.384	-67.8032	0.000000E+00
466	457.880	-61.7623	0.000000E+00
467	455.457	-60.7912	0.000000E+00
468	457.925	-65.2620	0.000000E+00
469	455.496	-64.2910	0.000000E+00
470	457.969	-68.7617	0.000000E+00
471	455.536	-67.7908	0.000000E+00

472	460.308	-61.7293	0.000000E+00
473	457.866	-60.7624	0.000000E+00
474	460.358	-65.2289	0.000000E+00
475	457.911	-64.2621	0.000000E+00
476	460.408	-68.7286	0.000000E+00
477	457.956	-67.7618	0.000000E+00
478	462.727	-61.6925	0.000000E+00
479	460.292	-60.7294	0.000000E+00
480	462.783	-65.1920	0.000000E+00
481	460.343	-64.2290	0.000000E+00
482	462.839	-68.6916	0.000000E+00
483	460.393	-67.7287	0.000000E+00
484	465.146	-61.6518	0.000000E+00
485	462.710	-60.6926	0.000000E+00
486	465.207	-65.1513	0.000000E+00
487	462.766	-64.1922	0.000000E+00
488	465.269	-68.6507	0.000000E+00
489	462.822	-67.6917	0.000000E+00
490	466.293	-61.6311	0.000000E+00
491	465.128	-60.6520	0.000000E+00
492	466.357	-65.1306	-0.189848E-13
493	465.190	-64.1514	0.000000E+00
494	466.422	-68.6300	0.000000E+00
495	465.251	-67.6509	0.000000E+00
496	467.571	-61.6071	0.000000E+00
497	466.274	-60.6313	0.000000E+00
498	467.638	-65.1064	-0.843769E-14
499	466.338	-64.1308	-0.189848E-13
500	467.706	-68.6058	0.000000E+00
501	466.403	-67.6301	0.000000E+00
502	469.984	-61.5587	0.000000E+00
503	467.551	-60.6073	0.000000E+00
504	470.057	-65.0580	0.000000E+00
505	467.618	-64.1066	-0.843769E-14
506	470.130	-68.5572	0.000000E+00
507	467.686	-67.6060	0.000000E+00
508	472.402	-61.5063	0.000000E+00
509	469.962	-60.5590	0.000000E+00
510	472.481	-65.0054	0.000000E+00
511	470.035	-64.0582	0.000000E+00
512	472.560	-68.5046	0.000000E+00
513	470.108	-67.5574	0.000000E+00
514	474.821	-61.4500	0.000000E+00
515	472.379	-60.5066	0.000000E+00
516	474.905	-64.9490	0.000000E+00
517	472.458	-64.0057	0.000000E+00
518	474.990	-68.4480	0.000000E+00
519	472.536	-67.5048	0.000000E+00
520	477.234	-61.3900	0.000000E+00
521	474.796	-60.4504	0.000000E+00
522	477.324	-64.8888	0.000000E+00
523	474.880	-63.9493	0.000000E+00
524	477.414	-68.3877	0.000000E+00
525	474.965	-67.4483	0.000000E+00
526	478.511	-61.3567	0.000000E+00
527	477.208	-60.3903	0.000000E+00
528	478.604	-64.8555	0.587308E-13
529	477.298	-63.8892	0.000000E+00
530	478.697	-68.3542	0.000000E+00
531	477.388	-67.3880	0.000000E+00
532	479.658	-61.3258	0.000000E+00
533	478.484	-60.3570	0.000000E+00
534	479.754	-64.8245	0.000000E+00
535	478.577	-63.8558	0.587308E-13
536	479.849	-68.3232	0.000000E+00
537	478.670	-67.3546	0.000000E+00
538	482.077	-61.2578	0.000000E+00
539	479.630	-60.3262	0.000000E+00
540	482.178	-64.7563	0.000000E+00
541	479.726	-63.8249	0.000000E+00
542	482.279	-68.2549	0.000000E+00
543	479.821	-67.3236	0.000000E+00
544	484.495	-61.1859	0.000000E+00
545	482.047	-60.2582	0.000000E+00
546	484.602	-64.6843	0.000000E+00
547	482.148	-63.7568	0.000000E+00
548	484.708	-68.1827	0.000000E+00
549	482.249	-67.2553	0.000000E+00
550	486.913	-61.1101	0.000000E+00
551	484.464	-60.1864	0.000000E+00
552	487.026	-64.6083	0.000000E+00
553	484.570	-63.6848	0.000000E+00
554	487.138	-68.1065	0.000000E+00
555	484.677	-67.1831	0.000000E+00
556	489.331	-61.0305	0.000000E+00
557	486.880	-60.1107	0.000000E+00
558	489.449	-64.5285	0.000000E+00
559	486.993	-63.6089	0.000000E+00
560	489.567	-68.0265	0.000000E+00
561	487.105	-67.1071	0.000000E+00
562	490.478	-60.9913	0.000000E+00
563	489.297	-60.0310	0.000000E+00
564	490.599	-64.4893	0.242029E-13
565	489.415	-63.5290	0.000000E+00
566	490.719	-67.9871	0.000000E+00
567	489.533	-67.0271	0.000000E+00
568	491.740	-60.9472	0.000000E+00
569	490.443	-59.9919	0.000000E+00
570	491.863	-64.4450	-0.383027E-13
571	490.564	-63.4899	0.242029E-13
572	491.987	-67.9428	0.000000E+00
573	490.684	-66.9877	0.000000E+00
574	494.167	-60.8594	0.000000E+00
575	491.704	-59.9478	0.000000E+00
576	494.296	-64.3570	0.000000E+00

577	491.827	-63.4457	-0.383027E-13
578	494.426	-67.8546	0.000000E+00
579	491.951	-66.9435	0.000000E+00
580	496.584	-60.7680	0.000000E+00
581	494.129	-59.8601	0.000000E+00
582	496.719	-64.2654	0.000000E+00
583	494.258	-63.3577	0.000000E+00
584	496.854	-67.7628	0.000000E+00
585	494.388	-66.8553	0.000000E+00
586	499.002	-60.6728	0.000000E+00
587	496.545	-59.7688	0.000000E+00
588	499.143	-64.1699	0.000000E+00
589	496.680	-63.2662	0.000000E+00
590	499.283	-67.6671	0.000000E+00
591	496.815	-66.7636	0.000000E+00
592	501.425	-60.5734	0.000000E+00
593	498.961	-59.6736	0.000000E+00
594	501.571	-64.0703	0.000000E+00
595	499.102	-63.1708	0.000000E+00
596	501.717	-67.5672	0.000000E+00
597	499.242	-66.6680	0.000000E+00
598	502.690	-60.5199	0.000000E+00
599	501.383	-59.5742	0.000000E+00
600	502.839	-64.0168	0.355271E-13
601	501.529	-63.0712	0.000000E+00
602	502.989	-67.5135	0.000000E+00
603	501.675	-66.5681	0.000000E+00
604	503.836	-60.4705	0.000000E+00
605	502.647	-59.5208	0.000000E+00
606	503.988	-63.9672	0.000000E+00
607	502.796	-63.0177	0.355271E-13
608	504.140	-67.4639	0.000000E+00
609	502.946	-66.5145	0.000000E+00
610	506.253	-60.3636	0.000000E+00
611	503.792	-59.4715	0.000000E+00
612	506.411	-63.8600	0.000000E+00
613	503.944	-62.9682	0.000000E+00
614	506.568	-67.3565	0.000000E+00
615	504.096	-66.4649	0.000000E+00
616	508.670	-60.2527	0.000000E+00
617	506.208	-59.3646	0.000000E+00
618	508.833	-63.7489	0.000000E+00
619	506.365	-62.8611	0.000000E+00
620	508.997	-67.2451	0.000000E+00
621	506.523	-66.3575	0.000000E+00
622	511.087	-60.1380	0.000000E+00
623	508.623	-59.2539	0.000000E+00
624	511.256	-63.6339	0.000000E+00
625	508.786	-62.7501	0.000000E+00
626	511.424	-67.1298	0.000000E+00
627	508.949	-66.2463	0.000000E+00
628	513.503	-60.0193	0.000000E+00
629	511.038	-59.1392	0.000000E+00
630	513.678	-63.5150	0.000000E+00
631	511.207	-62.6351	0.000000E+00
632	513.852	-67.0106	0.000000E+00
633	511.375	-66.1310	0.000000E+00
634	514.649	-59.9617	0.000000E+00
635	513.453	-59.0206	0.000000E+00
636	514.826	-63.4573	-0.143219E-13
637	513.628	-62.5163	0.000000E+00
638	515.003	-66.9528	0.000000E+00
639	513.802	-66.0119	0.000000E+00
640	515.921	-59.8967	0.000000E+00
641	514.598	-58.9630	0.000000E+00
642	516.101	-63.3921	-0.376921E-13
643	514.775	-62.4586	-0.143219E-13
644	516.281	-66.8874	0.000000E+00
645	514.952	-65.9541	0.000000E+00
646	518.336	-59.7704	0.000000E+00
647	515.869	-58.8981	0.000000E+00
648	518.521	-63.2654	0.000000E+00
649	516.049	-62.3934	-0.376921E-13
650	518.707	-66.7605	0.000000E+00
651	516.229	-65.8888	0.000000E+00
652	520.751	-59.6400	0.000000E+00
653	518.282	-58.7718	0.000000E+00
654	520.943	-63.1348	0.000000E+00
655	518.467	-62.2669	0.000000E+00
656	521.134	-66.6296	0.000000E+00
657	518.653	-65.7620	0.000000E+00
658	523.167	-59.5058	0.000000E+00
659	520.696	-58.6416	0.000000E+00
660	523.364	-63.0003	0.000000E+00
661	520.887	-62.1364	0.000000E+00
662	523.561	-66.4947	0.000000E+00
663	521.079	-65.6311	0.000000E+00
664	525.573	-59.3683	0.000000E+00
665	523.110	-58.5075	0.000000E+00
666	525.775	-62.8624	0.000000E+00
667	523.307	-62.0019	0.000000E+00
668	525.978	-66.3565	0.000000E+00
669	523.504	-65.4964	0.000000E+00
670	526.852	-59.2935	0.000000E+00
671	525.514	-58.3700	0.000000E+00
672	527.058	-62.7875	-0.287548E-13
673	525.717	-61.8641	0.000000E+00
674	527.263	-66.2814	0.000000E+00
675	525.920	-65.3582	0.000000E+00
676	527.998	-59.2257	0.000000E+00
677	526.793	-58.2953	0.000000E+00
678	528.206	-62.7195	0.000000E+00
679	526.999	-61.7893	-0.287548E-13
680	528.414	-66.2133	0.000000E+00
681	527.204	-65.2832	0.000000E+00

682	530.410	-59.0799	0.000000E+00
683	527.937	-58.2275	0.000000E+00
684	530.624	-62.5734	0.000000E+00
685	528.146	-61.7213	0.000000E+00
686	530.838	-66.0668	0.000000E+00
687	528.354	-65.2151	0.000000E+00
688	532.827	-58.9300	0.000000E+00
689	530.348	-58.0818	0.000000E+00
690	533.047	-62.4232	0.000000E+00
691	530.562	-61.5753	0.000000E+00
692	533.266	-65.9162	0.000000E+00
693	530.776	-65.0688	0.000000E+00
694	535.242	-58.7763	0.000000E+00
695	532.764	-57.9320	0.000000E+00
696	535.467	-62.2691	0.000000E+00
697	532.983	-61.4252	0.000000E+00
698	535.692	-65.7618	0.000000E+00
699	533.203	-64.9182	0.000000E+00
700	537.656	-58.6187	0.000000E+00
701	535.177	-57.7784	0.000000E+00
702	537.887	-62.1111	-0.454747E-12
703	535.402	-61.2712	0.000000E+00
704	538.118	-65.6035	0.000000E+00
705	535.627	-64.7639	0.000000E+00
706	538.801	-58.5427	0.000000E+00
707	537.590	-57.6209	0.000000E+00
708	539.034	-62.0349	0.252021E-13
709	537.821	-61.1133	-0.454747E-12
710	539.268	-65.5271	0.000000E+00
711	538.051	-64.6057	0.000000E+00
712	540.082	-58.4564	0.000000E+00
713	538.734	-57.5449	0.000000E+00
714	540.319	-61.9484	-0.105804E-12
715	538.967	-61.0372	0.252021E-13
716	540.555	-65.4404	0.000000E+00
717	539.201	-64.5293	0.000000E+00
718	542.484	-58.2919	0.000000E+00
719	540.014	-57.4587	0.000000E+00
720	542.726	-61.7835	0.000000E+00
721	540.250	-60.9507	-0.105804E-12
722	542.968	-65.2752	0.000000E+00
723	540.487	-64.4428	0.000000E+00
724	544.897	-58.1227	0.000000E+00
725	542.414	-57.2944	0.000000E+00
726	545.145	-61.6139	0.000000E+00
727	542.656	-60.7860	0.000000E+00
728	545.392	-65.1051	0.000000E+00
729	542.898	-64.2776	0.000000E+00
730	547.310	-57.9495	0.000000E+00
731	544.826	-57.1252	0.000000E+00
732	547.564	-61.4403	0.000000E+00
733	545.073	-60.6164	0.000000E+00
734	547.817	-64.9312	0.000000E+00
735	545.321	-64.1077	0.000000E+00
736	549.724	-57.7724	0.000000E+00
737	547.237	-56.9522	0.000000E+00
738	549.983	-61.2628	0.000000E+00
739	547.490	-60.4430	0.000000E+00
740	550.242	-64.7532	0.000000E+00
741	547.744	-63.9338	0.000000E+00
742	550.992	-57.6779	0.000000E+00
743	549.650	-56.7752	0.000000E+00
744	551.254	-61.1681	-0.999201E-15
745	549.909	-60.2656	0.000000E+00
746	551.515	-64.6582	0.000000E+00
747	550.168	-63.7560	0.000000E+00
748	552.136	-57.5916	0.000000E+00
749	550.916	-56.6807	0.000000E+00
750	552.400	-61.0815	0.000000E+00
751	551.178	-60.1709	-0.999201E-15
752	552.665	-64.5715	0.000000E+00
753	551.440	-63.6611	0.000000E+00
754	554.548	-57.4068	0.000000E+00
755	552.059	-56.5945	0.000000E+00
756	554.818	-60.8963	0.000000E+00
757	552.324	-60.0845	0.000000E+00
758	555.088	-64.3859	0.000000E+00
759	552.588	-63.5745	0.000000E+00
760	556.960	-57.2181	0.000000E+00
761	554.470	-56.4098	0.000000E+00
762	557.236	-60.7072	0.000000E+00
763	554.740	-59.8994	0.000000E+00
764	557.512	-64.1963	0.000000E+00
765	555.010	-63.3889	0.000000E+00
766	559.372	-57.0255	0.000000E+00
767	556.880	-56.2212	0.000000E+00
768	559.653	-60.5141	0.000000E+00
769	557.156	-59.7103	0.000000E+00
770	559.935	-64.0028	0.000000E+00
771	557.432	-63.1995	0.000000E+00
772	561.783	-56.8290	0.000000E+00
773	559.290	-56.0288	0.000000E+00
774	562.070	-60.3172	0.000000E+00
775	559.572	-59.5174	0.000000E+00
776	562.357	-63.8054	0.000000E+00
777	559.853	-63.0061	0.000000E+00
778	562.926	-56.7345	0.000000E+00
779	561.701	-55.8324	0.000000E+00
780	563.216	-60.2225	0.571210E-13
781	561.988	-59.3206	0.000000E+00
782	563.506	-63.7105	0.000000E+00
783	562.275	-62.8088	0.000000E+00
784	564.191	-56.6289	0.000000E+00
785	562.843	-55.7379	0.000000E+00
786	564.484	-60.1166	-0.116906E-12

787	563.133	-59.2260	0.571210E-13
788	564.776	-63.6043	0.000000E+00
789	563.423	-62.7139	0.000000E+00
790	566.605	-56.4244	0.000000E+00
791	564.107	-55.6324	0.000000E+00
792	566.903	-59.9116	0.000000E+00
793	564.399	-59.1202	-0.116906E-12
794	567.201	-63.3989	0.000000E+00
795	564.692	-62.6079	0.000000E+00
796	569.015	-56.2163	0.000000E+00
797	566.519	-55.4281	0.000000E+00
798	569.319	-59.7030	0.000000E+00
799	566.817	-58.9154	0.000000E+00
800	569.623	-63.1898	0.000000E+00
801	567.115	-62.4026	0.000000E+00
802	571.425	-56.0042	0.000000E+00
803	568.928	-55.2201	0.000000E+00
804	571.735	-59.4905	0.000000E+00
805	569.231	-58.7069	0.000000E+00
806	572.044	-62.9768	0.000000E+00
807	569.535	-62.1937	0.000000E+00
808	573.847	-55.7872	0.000000E+00
809	571.336	-55.0082	0.000000E+00
810	574.162	-59.2730	0.000000E+00
811	571.646	-58.4945	0.000000E+00
812	574.477	-62.7588	0.000000E+00
813	571.955	-61.9808	0.000000E+00
814	575.102	-55.6733	0.000000E+00
815	573.756	-54.7913	0.000000E+00
816	575.420	-59.1588	-0.257572E-13
817	574.071	-58.2771	0.000000E+00
818	575.738	-62.6443	0.000000E+00
819	574.387	-61.7629	0.000000E+00
820	576.244	-55.5686	0.000000E+00
821	575.010	-54.6775	0.000000E+00
822	576.565	-59.0538	0.000000E+00
823	575.329	-58.1630	-0.257572E-13
824	576.886	-62.5391	0.000000E+00
825	575.647	-61.6485	0.000000E+00
826	578.659	-55.3444	0.000000E+00
827	576.152	-54.5728	0.000000E+00
828	578.980	-58.8296	0.000000E+00
829	576.473	-58.0581	0.000000E+00
830	579.303	-62.3146	0.000000E+00
831	576.793	-61.5434	0.000000E+00
832	581.072	-55.1143	0.000000E+00
833	578.564	-54.3489	0.000000E+00
834	581.394	-58.6016	0.000000E+00
835	578.886	-57.8341	0.000000E+00
836	581.721	-62.0863	0.000000E+00
837	579.209	-61.3191	0.000000E+00
838	583.462	-54.8936	0.000000E+00
839	580.980	-54.1186	0.000000E+00
840	583.791	-58.3782	0.000000E+00
841	581.301	-57.6059	0.000000E+00
842	584.122	-61.8625	0.000000E+00
843	581.628	-61.0906	0.000000E+00
844	585.852	-54.6660	0.000000E+00
845	583.367	-53.8981	0.000000E+00
846	586.186	-58.1372	0.000000E+00
847	583.691	-57.3832	0.000000E+00
848	586.522	-61.6338	0.000000E+00
849	584.027	-60.8670	0.000000E+00
850	587.028	-54.5521	0.000000E+00
851	585.755	-53.6707	0.000000E+00
852	587.366	-58.0205	-0.473926E-14
853	586.087	-57.1421	0.000000E+00
854	587.706	-61.5193	0.000000E+00
855	586.426	-60.6385	0.000000E+00
856	588.241	-54.4158	0.000000E+00
857	586.917	-53.5584	0.000000E+00
858	588.590	-57.8984	-0.116573E-13
859	587.266	-57.0254	-0.473926E-14
860	588.939	-61.3810	0.000000E+00
861	587.595	-60.5255	0.000000E+00
862	590.629	-54.1963	0.000000E+00
863	588.150	-53.4200	0.000000E+00
864	590.976	-57.6575	0.000000E+00
865	588.489	-56.9034	-0.116573E-13
866	591.328	-61.1613	0.000000E+00
867	588.847	-60.3852	0.000000E+00
868	593.017	-53.9542	0.000000E+00
869	590.528	-53.2014	0.000000E+00
870	593.373	-57.4360	0.000000E+00
871	590.884	-56.6618	0.000000E+00
872	593.730	-60.9178	0.000000E+00
873	591.227	-60.1664	0.000000E+00
874	595.404	-53.7072	0.000000E+00
875	592.914	-52.9595	0.000000E+00
876	595.765	-57.1625	0.000000E+00
877	593.260	-56.4425	0.000000E+00
878	596.131	-60.6694	0.000000E+00
879	593.627	-59.9231	0.000000E+00
880	596.948	-53.5449	0.000000E+00
881	595.299	-52.7127	0.000000E+00
882	597.313	-56.9992	0.160982E-14
883	595.660	-56.1681	0.000000E+00
884	597.684	-60.5061	0.000000E+00
885	596.027	-59.6748	0.000000E+00
886	597.778	-53.4300	0.000000E+00
887	596.811	-52.5544	0.000000E+00
888	598.149	-56.9103	-0.166533E-14
889	597.208	-56.0048	0.160982E-14
890	598.520	-60.3906	0.000000E+00
891	597.548	-59.5155	0.000000E+00

892	600.177	-53.1988	0.000000E+00
893	597.682	-52.4346	0.000000E+00
894	600.552	-56.6522	0.000000E+00
895	598.042	-55.9160	-0.166533E-14
896	600.933	-60.1579	0.000000E+00
897	598.424	-59.3952	0.000000E+00
898	602.563	-52.9373	0.000000E+00
899	600.068	-52.2048	0.000000E+00
900	602.948	-56.4161	0.000000E+00
901	600.454	-55.6570	0.000000E+00
902	603.333	-59.8949	0.000000E+00
903	600.824	-59.1639	0.000000E+00
904	604.948	-52.6710	0.000000E+00
905	602.452	-51.9435	0.000000E+00
906	605.338	-56.1266	0.000000E+00
907	602.827	-55.4234	0.000000E+00
908	605.732	-59.6270	0.000000E+00
909	603.222	-58.9011	0.000000E+00
910	607.334	-52.3804	0.000000E+00
911	604.827	-51.6784	0.000000E+00
912	607.727	-55.8583	0.000000E+00
913	605.226	-55.1328	0.000000E+00
914	608.120	-59.3361	0.000000E+00
915	605.611	-58.6344	0.000000E+00
916	607.503	-52.3804	0.000000E+00
917	607.334	-51.3804	0.000000E+00
918	607.900	-55.8387	-0.280331E-13
919	607.615	-54.8646	0.000000E+00
920	608.302	-59.3347	0.000000E+00
921	608.113	-58.3361	0.000000E+00
922	609.717	-52.1239	0.000000E+00
923	607.388	-51.3870	0.000000E+00
924	610.121	-55.5856	0.000000E+00
925	607.787	-54.8452	-0.280331E-13
926	610.529	-59.0767	0.000000E+00
927	608.187	-58.3413	0.000000E+00
928	612.101	-51.8431	0.000000E+00
929	609.600	-51.1308	0.000000E+00
930	612.514	-55.3187	0.000000E+00
931	610.010	-54.5918	0.000000E+00
932	612.927	-58.7942	0.000000E+00
933	610.412	-58.0835	0.000000E+00
934	614.484	-51.5575	0.000000E+00
935	611.982	-50.8502	0.000000E+00
936	614.903	-55.0294	0.000000E+00
937	612.394	-54.3259	0.000000E+00
938	615.324	-58.5069	0.000000E+00
939	612.808	-57.8013	0.000000E+00
940	615.079	-51.4853	0.000000E+00
941	614.363	-50.5648	0.000000E+00
942	615.499	-54.9590	0.000000E+00
943	614.786	-54.0363	0.000000E+00
944	615.919	-58.4347	0.000000E+00
945	615.204	-57.5142	0.000000E+00
946	380.553	-59.0822	0.000000E+00
947	379.489	-60.7171	0.000000E+00
948	380.582	-58.3328	0.000000E+00
949	379.554	-59.0434	0.000000E+00
950	380.123	-70.1739	0.000000E+00
951	382.551	-70.2662	0.000000E+00
952	380.152	-69.4244	0.000000E+00
953	382.580	-69.5167	0.000000E+00
954	382.963	-59.1738	0.000000E+00
955	382.992	-58.4244	0.000000E+00
956	383.580	-69.5555	0.000000E+00
957	383.641	-67.8793	0.000000E+00
958	383.938	-64.3886	-0.593414E-13
959	381.606	-64.3018	-0.593414E-13
960	381.902	-60.8113	0.000000E+00
961	381.963	-59.1350	0.000000E+00
962	384.996	-70.3551	0.000000E+00
963	385.023	-69.6056	0.000000E+00
964	385.390	-59.2621	0.000000E+00
965	385.417	-58.5126	0.000000E+00
966	383.996	-70.3196	0.000000E+00
967	384.023	-69.5700	0.000000E+00
968	383.916	-67.8901	0.000000E+00
969	384.041	-64.3923	0.000000E+00
970	384.332	-60.9004	0.000000E+00
971	384.391	-59.2266	0.000000E+00
972	387.417	-70.4393	0.000000E+00
973	387.444	-69.6898	0.000000E+00
974	387.792	-59.3457	0.000000E+00
975	387.819	-58.5961	0.000000E+00
976	388.443	-69.7253	0.000000E+00
977	388.499	-68.0493	0.000000E+00
978	387.500	-68.0156	-2.50000
979	387.500	-69.0156	-2.50000
980	388.785	-64.5574	0.000000E+00
981	386.453	-64.4781	0.000000E+00
982	387.737	-61.0197	-2.50000
983	387.737	-62.0197	-2.50000
984	386.738	-60.9868	0.000000E+00
985	386.793	-59.3101	0.000000E+00
986	389.843	-70.5198	0.000000E+00
987	389.867	-69.7702	0.000000E+00
988	390.202	-59.4256	0.000000E+00
989	390.227	-58.6760	0.000000E+00
990	388.844	-70.4874	0.000000E+00
991	388.868	-69.7378	0.000000E+00
992	388.756	-68.0582	0.000000E+00
993	388.869	-64.5601	0.000000E+00
994	389.149	-61.0673	0.000000E+00
995	389.203	-59.3932	0.000000E+00
996	392.283	-70.5968	0.000000E+00

997	392.307	-69.8472	0.000000E+00
998	392.623	-59.5020	0.000000E+00
999	392.647	-58.7524	0.000000E+00
1000	393.307	-69.8795	0.000000E+00
1001	393.358	-68.2035	0.000000E+00
1002	393.632	-64.7104	0.341061E-12
1003	391.300	-64.6387	0.341061E-12
1004	391.574	-61.1468	0.000000E+00
1005	391.623	-59.4696	0.000000E+00
1006	394.717	-70.6696	0.000000E+00
1007	394.739	-69.9200	0.000000E+00
1008	395.041	-59.5744	0.000000E+00
1009	395.063	-58.8247	0.000000E+00
1010	393.718	-70.6405	0.000000E+00
1011	393.740	-69.8908	0.000000E+00
1012	393.622	-68.2116	0.000000E+00
1013	393.724	-64.7131	-0.587863E-13
1014	393.992	-61.2194	0.000000E+00
1015	394.041	-59.5452	0.000000E+00
1016	397.152	-70.7386	0.000000E+00
1017	397.174	-69.9889	0.000000E+00
1018	397.456	-59.6428	0.000000E+00
1019	397.478	-58.8931	0.000000E+00
1020	398.174	-70.0180	0.000000E+00
1021	398.217	-68.3406	0.000000E+00
1022	398.480	-64.8478	0.000000E+00
1023	396.148	-64.7836	0.000000E+00
1024	396.411	-61.2897	0.000000E+00
1025	396.457	-59.6136	0.000000E+00
1026	399.586	-70.8016	0.000000E+00
1027	399.606	-70.0519	0.000000E+00
1028	399.872	-59.7053	0.000000E+00
1029	399.892	-58.9556	0.000000E+00
1030	398.586	-70.7741	0.000000E+00
1031	398.607	-70.0228	0.000000E+00
1032	398.489	-68.3493	0.000000E+00
1033	398.579	-64.8505	0.000000E+00
1034	398.836	-61.3606	0.000000E+00
1035	398.872	-59.6778	0.000000E+00
1036	402.019	-70.8647	0.000000E+00
1037	402.039	-70.1149	0.000000E+00
1038	402.287	-59.7679	0.000000E+00
1039	402.307	-59.0182	0.000000E+00
1040	403.038	-70.1408	0.000000E+00
1041	403.077	-68.4635	0.000000E+00
1042	403.329	-64.9697	0.000000E+00
1043	400.996	-64.9130	0.000000E+00
1044	401.248	-61.4184	0.000000E+00
1045	401.288	-59.7420	0.000000E+00
1046	404.453	-70.9199	0.000000E+00
1047	404.471	-70.1701	0.000000E+00
1048	404.703	-59.8227	0.000000E+00
1049	404.721	-59.0729	0.000000E+00
1050	403.453	-70.8956	0.000000E+00
1051	403.471	-70.1552	0.000000E+00
1052	403.330	-68.4706	0.000000E+00
1053	403.409	-64.9715	0.000000E+00
1054	403.655	-61.4699	0.000000E+00
1055	403.704	-59.7984	0.000000E+00
1056	406.887	-70.9750	0.000000E+00
1057	406.904	-70.2252	0.000000E+00
1058	407.119	-59.8775	0.000000E+00
1059	407.136	-59.1277	0.000000E+00
1060	407.903	-70.2479	0.000000E+00
1061	407.937	-68.5708	0.000000E+00
1062	408.178	-65.0759	0.522637E-13
1063	405.845	-65.0267	0.522637E-13
1064	406.085	-61.5316	0.000000E+00
1065	406.119	-59.8548	0.000000E+00
1066	409.320	-71.0224	0.000000E+00
1067	409.336	-70.2726	0.000000E+00
1068	409.532	-59.9264	0.000000E+00
1069	409.547	-59.1765	0.000000E+00
1070	408.321	-71.0013	0.000000E+00
1071	408.336	-70.2538	0.000000E+00
1072	408.201	-68.5770	0.000000E+00
1073	408.269	-65.0777	0.000000E+00
1074	408.504	-61.5840	0.000000E+00
1075	408.532	-59.9069	0.000000E+00
1076	411.754	-71.0697	0.000000E+00
1077	411.769	-70.3199	0.000000E+00
1078	411.951	-59.9715	0.000000E+00
1079	411.966	-59.2216	0.000000E+00
1080	412.769	-70.3393	0.000000E+00
1081	412.798	-68.6624	0.000000E+00
1082	413.027	-65.1664	0.000000E+00
1083	410.694	-65.1248	0.000000E+00
1084	410.923	-61.6293	0.000000E+00
1085	410.951	-59.9520	0.000000E+00
1086	414.188	-71.1092	0.000000E+00
1087	414.202	-70.3593	0.000000E+00
1088	414.367	-60.0107	0.000000E+00
1089	414.380	-59.2608	0.000000E+00
1090	413.188	-71.0914	0.000000E+00
1091	413.202	-70.3435	0.000000E+00
1092	413.062	-68.6675	0.000000E+00
1093	413.118	-65.1680	-0.333067E-14
1094	413.342	-61.6722	0.000000E+00
1095	413.367	-59.9928	0.000000E+00
1096	416.622	-71.1487	0.000000E+00
1097	416.634	-70.3988	0.000000E+00
1098	416.783	-60.0499	0.000000E+00
1099	416.795	-59.3000	0.000000E+00
1100	417.634	-70.4150	0.000000E+00
1101	417.658	-68.7383	0.000000E+00

1102	417.876	-65.2413	-0.189293E-13
1103	415.543	-65.2072	-0.189293E-13
1104	415.761	-61.7113	0.000000E+00
1105	415.783	-60.0337	0.000000E+00
1106	419.056	-71.1804	0.000000E+00
1107	419.067	-70.4305	0.000000E+00
1108	419.199	-60.0813	0.000000E+00
1109	419.210	-59.3314	0.000000E+00
1110	418.056	-71.1658	0.000000E+00
1111	418.067	-70.4111	0.000000E+00
1112	417.933	-68.7425	0.000000E+00
1113	417.979	-65.2428	-0.376921E-13
1114	418.191	-61.7530	0.000000E+00
1115	418.200	-60.0667	0.000000E+00
1116	421.490	-71.2120	0.000000E+00
1117	421.500	-70.4621	0.000000E+00
1118	421.616	-60.1127	0.000000E+00
1119	421.625	-59.3628	0.000000E+00
1120	422.500	-70.4751	0.000000E+00
1121	422.519	-68.7986	0.000000E+00
1122	422.726	-65.3006	0.000000E+00
1123	420.393	-65.2741	0.000000E+00
1124	420.599	-61.7777	0.000000E+00
1125	420.616	-60.0997	0.000000E+00
1126	423.926	-71.2358	0.000000E+00
1127	423.935	-70.4859	0.000000E+00
1128	424.033	-60.1364	0.000000E+00
1129	424.042	-59.3864	0.000000E+00
1130	422.926	-71.2245	0.000000E+00
1131	422.935	-70.4767	0.000000E+00
1132	422.783	-68.8014	0.000000E+00
1133	422.817	-65.3016	0.000000E+00
1134	423.018	-61.8042	0.000000E+00
1135	423.033	-60.1250	0.000000E+00
1136	426.361	-71.2597	0.000000E+00
1137	426.369	-70.5097	0.000000E+00
1138	426.451	-60.1600	0.000000E+00
1139	426.458	-59.4101	0.000000E+00
1140	427.369	-70.5195	0.000000E+00
1141	427.380	-68.8416	0.000000E+00
1142	427.576	-65.3443	0.000000E+00
1143	425.242	-65.3252	0.000000E+00
1144	425.438	-61.8269	0.000000E+00
1145	425.451	-60.1502	0.000000E+00
1146	428.796	-71.2756	0.000000E+00
1147	428.802	-70.5256	0.000000E+00
1148	428.867	-60.1759	0.000000E+00
1149	428.873	-59.4259	0.000000E+00
1150	427.796	-71.2674	0.000000E+00
1151	427.802	-70.5206	0.000000E+00
1152	427.644	-68.8449	0.000000E+00
1153	427.667	-65.3450	0.000000E+00
1154	427.856	-61.8461	0.000000E+00
1155	427.867	-60.1677	0.000000E+00
1156	431.230	-71.2916	0.000000E+00
1157	431.235	-70.5416	0.000000E+00
1158	431.284	-60.1917	0.000000E+00
1159	431.289	-59.4417	0.000000E+00
1160	432.235	-70.5481	0.000000E+00
1161	432.242	-68.8705	0.000000E+00
1162	432.426	-65.3723	-0.154321E-13
1163	430.092	-65.3608	-0.154321E-13
1164	430.276	-61.8621	0.000000E+00
1165	430.284	-60.1851	0.000000E+00
1166	433.664	-71.2997	0.000000E+00
1167	433.668	-70.5497	0.000000E+00
1168	433.700	-60.1997	0.000000E+00
1169	433.704	-59.4497	0.000000E+00
1170	432.664	-71.2947	0.000000E+00
1171	432.668	-70.5472	0.000000E+00
1172	432.506	-68.8727	0.000000E+00
1173	432.517	-65.3727	0.000000E+00
1174	432.695	-61.8739	0.000000E+00
1175	432.700	-60.1948	0.000000E+00
1176	436.099	-71.3078	0.000000E+00
1177	436.101	-70.5578	0.000000E+00
1178	436.116	-60.2078	0.000000E+00
1179	436.119	-59.4578	0.000000E+00
1180	437.101	-70.5611	0.000000E+00
1181	437.103	-68.8837	0.000000E+00
1182	436.103	-68.8827	-2.50000
1183	436.103	-69.8827	-2.50000
1184	437.275	-65.3848	0.000000E+00
1185	434.942	-65.3808	0.000000E+00
1186	436.115	-61.8827	-2.50000
1187	436.115	-62.8827	-2.50000
1188	435.115	-61.8817	0.000000E+00
1189	435.116	-60.2045	0.000000E+00
1190	438.533	-71.3080	0.000000E+00
1191	438.534	-70.5580	0.000000E+00
1192	438.533	-60.2080	0.000000E+00
1193	438.534	-59.4580	0.000000E+00
1194	437.533	-71.3063	0.000000E+00
1195	437.534	-70.5585	0.000000E+00
1196	437.367	-68.8848	0.000000E+00
1197	437.367	-65.3848	0.000000E+00
1198	437.534	-61.8857	0.000000E+00
1199	437.533	-60.2063	0.000000E+00
1200	440.949	-60.2083	0.000000E+00
1201	440.949	-59.4583	0.000000E+00
1202	440.967	-71.3083	0.000000E+00
1203	440.967	-70.5583	0.000000E+00
1204	439.949	-60.2082	0.000000E+00
1205	439.954	-61.8857	0.000000E+00
1206	439.792	-65.3850	0.113687E-12

1207	442.125	-65.3815	0.113687E-12
1208	441.964	-68.8813	0.000000E+00
1209	441.967	-70.5584	0.000000E+00
1210	443.366	-60.2008	0.000000E+00
1211	443.365	-59.4508	0.000000E+00
1212	443.402	-71.3007	0.000000E+00
1213	443.400	-70.5507	0.000000E+00
1214	442.366	-60.2023	0.000000E+00
1215	442.368	-61.8791	0.000000E+00
1216	442.213	-65.3813	0.399680E-14
1217	442.223	-68.8812	0.000000E+00
1218	442.400	-70.5569	0.000000E+00
1219	442.402	-71.3022	0.000000E+00
1220	445.780	-59.4432	0.000000E+00
1221	445.782	-60.1932	0.000000E+00
1222	445.834	-70.5431	0.000000E+00
1223	445.836	-71.2931	0.000000E+00
1224	444.782	-60.1964	0.000000E+00
1225	444.792	-61.8742	0.000000E+00
1226	444.642	-65.3736	0.000000E+00
1227	446.975	-65.3626	0.000000E+00
1228	446.825	-68.8632	0.000000E+00
1229	446.834	-70.5400	0.000000E+00
1230	448.196	-59.4279	0.000000E+00
1231	448.200	-60.1779	0.000000E+00
1232	448.268	-70.5277	0.000000E+00
1233	448.271	-71.2777	0.000000E+00
1234	447.200	-60.1826	0.000000E+00
1235	447.212	-61.8617	0.000000E+00
1236	447.067	-65.3621	0.000000E+00
1237	447.089	-68.8620	0.000000E+00
1238	447.268	-70.5348	0.000000E+00
1239	447.271	-71.2824	0.000000E+00
1240	450.613	-59.4126	0.000000E+00
1241	450.618	-60.1626	0.000000E+00
1242	450.702	-70.5122	0.000000E+00
1243	450.707	-71.2622	0.000000E+00
1244	449.618	-60.1689	0.000000E+00
1245	449.631	-61.8454	0.000000E+00
1246	449.492	-65.3466	0.000000E+00
1247	451.825	-65.3281	0.000000E+00
1248	451.687	-68.8278	0.000000E+00
1249	451.702	-70.5059	0.000000E+00
1250	453.028	-59.3895	0.000000E+00
1251	453.034	-60.1395	0.000000E+00
1252	453.135	-70.4890	0.000000E+00
1253	453.141	-71.2389	0.000000E+00
1254	452.034	-60.1474	0.000000E+00
1255	452.060	-61.8319	0.000000E+00
1256	451.927	-65.3272	0.000000E+00
1257	451.961	-68.8270	0.000000E+00
1258	452.135	-70.4937	0.000000E+00
1259	452.141	-71.2469	0.000000E+00
1260	455.443	-59.3664	0.000000E+00
1261	455.450	-60.1163	0.000000E+00
1262	455.568	-70.4657	0.000000E+00
1263	455.575	-71.2156	0.000000E+00
1264	454.450	-60.1259	0.000000E+00
1265	454.469	-61.8026	0.000000E+00
1266	454.342	-65.3040	0.000000E+00
1267	456.675	-65.2779	0.000000E+00
1268	456.548	-68.7784	0.000000E+00
1269	456.568	-70.4561	0.000000E+00
1270	457.858	-59.3355	0.000000E+00
1271	457.866	-60.0854	0.000000E+00
1272	458.001	-70.4346	0.000000E+00
1273	458.010	-71.1845	0.000000E+00
1274	456.866	-60.0966	0.000000E+00
1275	456.880	-61.7703	0.000000E+00
1276	456.758	-65.2769	0.000000E+00
1277	456.803	-68.7766	0.000000E+00
1278	457.001	-70.4536	0.000000E+00
1279	457.010	-71.1957	0.000000E+00
1280	460.273	-59.3046	0.000000E+00
1281	460.283	-60.0545	0.000000E+00
1282	460.434	-70.4034	0.000000E+00
1283	460.444	-71.1534	0.000000E+00
1284	459.283	-60.0673	0.000000E+00
1285	459.308	-61.7442	0.000000E+00
1286	459.192	-65.2457	0.000000E+00
1287	461.525	-65.2121	0.000000E+00
1288	461.408	-68.7133	0.000000E+00
1289	461.434	-70.3906	0.000000E+00
1290	462.688	-59.2659	0.000000E+00
1291	462.699	-60.0158	0.000000E+00
1292	462.867	-70.3645	0.000000E+00
1293	462.878	-71.1144	0.000000E+00
1294	461.699	-60.0302	0.000000E+00
1295	461.727	-61.7092	0.000000E+00
1296	461.616	-65.2107	0.000000E+00
1297	461.672	-68.7103	0.000000E+00
1298	461.867	-70.3812	0.000000E+00
1299	461.878	-71.1288	0.000000E+00
1300	465.103	-59.2272	0.000000E+00
1301	465.115	-59.9772	0.000000E+00
1302	465.300	-70.3255	0.000000E+00
1303	465.312	-71.0754	0.000000E+00
1304	464.115	-59.9932	0.000000E+00
1305	464.146	-61.6703	0.000000E+00
1306	464.041	-65.1718	0.000000E+00
1307	466.374	-65.1307	0.000000E+00
1308	466.269	-68.6325	0.000000E+00
1309	466.300	-70.3095	0.000000E+00
1310	467.518	-59.1808	0.000000E+00
1311	467.531	-59.9307	0.000000E+00

1312	467.732	-70.2787	0.000000E+00
1313	467.746	-71.0286	0.000000E+00
1314	466.531	-59.9483	0.000000E+00
1315	466.571	-61.6309	0.000000E+00
1316	466.472	-65.1289	-0.843769E-14
1317	466.539	-68.6282	0.000000E+00
1318	466.732	-70.2947	0.000000E+00
1319	466.746	-71.0462	0.000000E+00
1320	469.932	-59.1343	0.000000E+00
1321	469.947	-59.8842	0.000000E+00
1322	470.165	-70.2319	0.000000E+00
1323	470.179	-70.9818	0.000000E+00
1324	468.947	-59.9034	0.000000E+00
1325	468.984	-61.5807	0.000000E+00
1326	468.890	-65.0823	0.000000E+00
1327	471.223	-65.0336	0.000000E+00
1328	471.129	-68.5360	0.000000E+00
1329	471.165	-70.2127	0.000000E+00
1330	472.347	-59.0801	0.000000E+00
1331	472.363	-59.8299	0.000000E+00
1332	472.598	-70.1772	0.000000E+00
1333	472.613	-70.9271	0.000000E+00
1334	471.363	-59.8508	0.000000E+00
1335	471.403	-61.5300	0.000000E+00
1336	471.315	-65.0317	0.000000E+00
1337	471.393	-68.5308	0.000000E+00
1338	471.598	-70.1999	0.000000E+00
1339	471.613	-70.9479	0.000000E+00
1340	474.762	-59.0258	0.000000E+00
1341	474.778	-59.7757	0.000000E+00
1342	475.030	-70.1226	0.000000E+00
1343	475.047	-70.8724	0.000000E+00
1344	473.779	-59.7981	0.000000E+00
1345	473.821	-61.4755	0.000000E+00
1346	473.739	-64.9771	0.000000E+00
1347	476.072	-64.9209	0.000000E+00
1348	475.989	-68.4239	0.000000E+00
1349	476.030	-70.1001	0.000000E+00
1350	477.177	-58.9638	0.000000E+00
1351	477.195	-59.7136	0.000000E+00
1352	477.464	-70.0601	0.000000E+00
1353	477.482	-70.8099	0.000000E+00
1354	476.196	-59.7376	0.000000E+00
1355	476.235	-61.4133	0.000000E+00
1356	476.158	-64.9188	0.000000E+00
1357	476.248	-68.4176	0.000000E+00
1358	476.464	-70.0896	0.000000E+00
1359	476.482	-70.8339	0.000000E+00
1360	479.593	-58.9017	0.000000E+00
1361	479.612	-59.6515	0.000000E+00
1362	479.897	-69.9975	0.000000E+00
1363	479.917	-70.7473	0.000000E+00
1364	478.613	-59.6771	0.000000E+00
1365	478.659	-61.3532	0.000000E+00
1366	478.588	-64.8563	0.000000E+00
1367	480.920	-64.7926	0.000000E+00
1368	480.849	-68.2945	0.000000E+00
1369	480.897	-69.9719	0.000000E+00
1370	482.007	-58.8319	0.000000E+00
1371	482.028	-59.5816	0.000000E+00
1372	482.329	-69.9272	0.000000E+00
1373	482.350	-70.6769	0.000000E+00
1374	481.028	-59.6089	0.000000E+00
1375	481.077	-61.2869	0.000000E+00
1376	481.012	-64.7901	0.000000E+00
1377	481.113	-68.2886	0.000000E+00
1378	481.330	-69.9573	0.000000E+00
1379	481.350	-70.7042	0.000000E+00
1380	484.421	-58.7621	0.000000E+00
1381	484.443	-59.5118	0.000000E+00
1382	484.761	-69.8569	0.000000E+00
1383	484.783	-70.6066	0.000000E+00
1384	483.444	-59.5407	0.000000E+00
1385	483.495	-61.2168	0.000000E+00
1386	484.495	-61.1859	-2.50000
1387	484.495	-62.1859	-2.50000
1388	483.436	-64.7199	0.000000E+00
1389	485.768	-64.6487	0.000000E+00
1390	484.708	-68.1827	-2.50000
1391	484.708	-69.1827	-2.50000
1392	485.708	-68.1510	0.000000E+00
1393	485.761	-69.8280	0.000000E+00
1394	486.835	-58.6845	0.000000E+00
1395	486.858	-59.4341	0.000000E+00
1396	487.193	-69.7787	0.000000E+00
1397	487.216	-70.5284	0.000000E+00
1398	485.859	-59.4647	0.000000E+00
1399	485.914	-61.1428	0.000000E+00
1400	485.859	-64.6458	0.000000E+00
1401	485.972	-68.1440	0.000000E+00
1402	486.194	-69.8118	0.000000E+00
1403	486.217	-70.5589	0.000000E+00
1404	489.249	-58.6069	0.000000E+00
1405	489.274	-59.3565	0.000000E+00
1406	489.625	-69.7005	0.000000E+00
1407	489.649	-70.4501	0.000000E+00
1408	488.274	-59.3886	0.000000E+00
1409	488.332	-61.0648	0.000000E+00
1410	488.283	-64.5678	0.000000E+00
1411	490.615	-64.4891	0.000000E+00
1412	490.567	-67.9919	0.000000E+00
1413	490.625	-69.6684	0.000000E+00
1414	491.663	-58.5215	0.000000E+00
1415	491.688	-59.2711	0.000000E+00
1416	492.057	-69.6145	0.000000E+00

1417	492.082	-70.3641	0.000000E+00
1418	490.689	-59.3048	0.000000E+00
1419	490.740	-60.9778	0.000000E+00
1420	490.698	-64.4862	-0.383027E-13
1421	490.821	-67.9840	0.000000E+00
1422	491.058	-69.6561	0.000000E+00
1423	491.083	-70.3978	0.000000E+00
1424	494.077	-58.4361	0.000000E+00
1425	494.103	-59.1857	0.000000E+00
1426	494.488	-69.5285	0.000000E+00
1427	494.515	-70.2780	0.000000E+00
1428	493.104	-59.2210	0.000000E+00
1429	493.168	-60.8973	0.000000E+00
1430	493.130	-64.4001	0.000000E+00
1431	495.462	-64.3139	0.000000E+00
1432	495.425	-67.8171	0.000000E+00
1433	495.488	-69.4932	0.000000E+00
1434	496.490	-58.3430	0.000000E+00
1435	496.518	-59.0925	0.000000E+00
1436	496.920	-69.4347	0.000000E+00
1437	496.947	-70.1841	0.000000E+00
1438	495.519	-59.1294	0.000000E+00
1439	495.585	-60.8077	0.000000E+00
1440	495.554	-64.3104	0.000000E+00
1441	495.689	-67.8078	0.000000E+00
1442	495.920	-69.4736	0.000000E+00
1443	495.948	-70.2211	0.000000E+00
1444	498.904	-58.2498	0.000000E+00
1445	498.933	-58.9993	0.000000E+00
1446	499.351	-69.3408	0.000000E+00
1447	499.380	-70.0902	0.000000E+00
1448	497.933	-59.0378	0.000000E+00
1449	498.003	-60.7141	0.000000E+00
1450	497.977	-64.2168	0.000000E+00
1451	500.308	-64.1231	0.000000E+00
1452	500.282	-67.6267	0.000000E+00
1453	500.350	-69.3022	0.000000E+00
1454	501.317	-58.1489	0.000000E+00
1455	501.347	-58.8983	0.000000E+00
1456	501.782	-69.2391	0.000000E+00
1457	501.812	-69.9885	0.000000E+00
1458	500.348	-58.9385	0.000000E+00
1459	500.426	-60.6198	0.000000E+00
1460	500.405	-64.1191	0.000000E+00
1461	500.552	-67.6160	0.000000E+00
1462	500.783	-69.2777	0.000000E+00
1463	500.813	-70.0287	0.000000E+00
1464	503.730	-58.0479	0.000000E+00
1465	503.761	-58.7973	0.000000E+00
1466	504.213	-69.1374	0.000000E+00
1467	504.244	-69.8868	0.000000E+00
1468	502.762	-58.8391	0.000000E+00
1469	502.837	-60.5154	0.000000E+00
1470	502.823	-64.0179	0.000000E+00
1471	505.154	-63.9166	0.000000E+00
1472	505.139	-67.4206	0.000000E+00
1473	505.212	-69.0956	0.000000E+00
1474	506.144	-57.9392	0.000000E+00
1475	506.177	-58.6885	0.000000E+00
1476	506.645	-69.0278	0.000000E+00
1477	506.677	-69.7771	0.000000E+00
1478	505.177	-58.7319	0.000000E+00
1479	505.254	-60.4094	0.000000E+00
1480	505.245	-63.9126	0.000000E+00
1481	505.403	-67.4090	0.000000E+00
1482	505.646	-69.0735	0.000000E+00
1483	505.678	-69.8205	0.000000E+00
1484	508.558	-57.8304	0.000000E+00
1485	508.592	-58.5796	0.000000E+00
1486	509.077	-68.9183	0.000000E+00
1487	509.111	-69.6675	0.000000E+00
1488	507.593	-58.6246	0.000000E+00
1489	507.671	-60.2995	0.000000E+00
1490	507.668	-63.8033	0.000000E+00
1491	509.999	-63.6945	0.000000E+00
1492	509.995	-67.1972	0.000000E+00
1493	510.076	-68.8732	0.000000E+00
1494	510.970	-57.7139	0.000000E+00
1495	511.005	-58.4631	0.000000E+00
1496	511.507	-68.8009	0.000000E+00
1497	511.542	-69.5501	0.000000E+00
1498	510.007	-58.5097	0.000000E+00
1499	510.088	-60.1865	0.000000E+00
1500	510.090	-63.6902	0.000000E+00
1501	510.259	-67.1861	0.000000E+00
1502	510.508	-68.8503	0.000000E+00
1503	510.543	-69.5967	0.000000E+00
1504	513.383	-57.5974	0.000000E+00
1505	513.419	-58.3465	0.000000E+00
1506	513.937	-68.6835	0.000000E+00
1507	513.974	-69.4327	0.000000E+00
1508	512.420	-58.3948	0.000000E+00
1509	512.505	-60.0696	0.000000E+00
1510	512.513	-63.5731	0.000000E+00
1511	514.843	-63.4568	0.000000E+00
1512	514.851	-66.9598	0.000000E+00
1513	514.936	-68.6353	0.000000E+00
1514	515.795	-57.4731	0.000000E+00
1515	515.832	-58.2222	0.000000E+00
1516	516.367	-68.5583	0.000000E+00
1517	516.405	-69.3074	0.000000E+00
1518	514.834	-58.2720	0.000000E+00
1519	514.922	-59.9497	0.000000E+00
1520	514.936	-63.4521	-0.376921E-13
1521	515.116	-66.9475	0.000000E+00

1522	515.369	-68.6097	0.000000E+00
1523	515.406	-69.3573	0.000000E+00
1524	518.207	-57.3488	0.000000E+00
1525	518.246	-58.0979	0.000000E+00
1526	518.797	-68.4331	0.000000E+00
1527	518.836	-69.1822	0.000000E+00
1528	517.247	-58.1493	0.000000E+00
1529	517.337	-59.8242	0.000000E+00
1530	517.356	-63.3273	0.000000E+00
1531	519.686	-63.2035	0.000000E+00
1532	519.706	-66.7067	0.000000E+00
1533	519.796	-68.3817	0.000000E+00
1534	520.619	-57.2168	0.000000E+00
1535	520.658	-57.9657	0.000000E+00
1536	521.227	-68.3001	0.000000E+00
1537	521.266	-69.0491	0.000000E+00
1538	519.660	-58.0188	0.000000E+00
1539	519.753	-59.6956	0.000000E+00
1540	519.778	-63.1986	0.000000E+00
1541	519.969	-66.6934	0.000000E+00
1542	520.228	-68.3554	0.000000E+00
1543	520.268	-69.1021	0.000000E+00
1544	523.030	-57.0847	0.000000E+00
1545	523.071	-57.8336	0.000000E+00
1546	523.656	-68.1671	0.000000E+00
1547	523.697	-68.9160	0.000000E+00
1548	522.073	-57.8883	0.000000E+00
1549	522.169	-59.5631	0.000000E+00
1550	522.199	-63.0659	0.000000E+00
1551	524.529	-62.9346	0.000000E+00
1552	524.559	-66.4380	0.000000E+00
1553	524.655	-68.1124	0.000000E+00
1554	525.441	-56.9449	0.000000E+00
1555	525.484	-57.6937	0.000000E+00
1556	526.085	-68.0262	0.000000E+00
1557	526.127	-68.7750	0.000000E+00
1558	524.485	-57.7500	0.000000E+00
1559	524.574	-59.4214	0.000000E+00
1560	524.611	-62.9299	0.000000E+00
1561	524.813	-66.4240	0.000000E+00
1562	525.087	-68.0903	0.000000E+00
1563	525.129	-68.8313	0.000000E+00
1564	527.852	-56.8051	0.000000E+00
1565	527.896	-57.5538	0.000000E+00
1566	528.514	-67.8854	0.000000E+00
1567	528.558	-68.6341	0.000000E+00
1568	526.898	-57.6117	0.000000E+00
1569	527.000	-59.2865	0.000000E+00
1570	527.041	-62.7889	0.000000E+00
1571	529.371	-62.6501	0.000000E+00
1572	529.412	-66.1536	0.000000E+00
1573	529.512	-67.8275	0.000000E+00
1574	530.264	-56.6574	0.000000E+00
1575	530.309	-57.4061	0.000000E+00
1576	530.944	-67.7366	0.000000E+00
1577	530.989	-68.4853	0.000000E+00
1578	529.311	-57.4656	0.000000E+00
1579	529.412	-59.1402	0.000000E+00
1580	529.460	-62.6447	0.000000E+00
1581	529.673	-66.1381	0.000000E+00
1582	529.946	-67.8000	0.000000E+00
1583	529.990	-68.5448	0.000000E+00
1584	532.676	-56.5098	0.000000E+00
1585	532.722	-57.2584	0.000000E+00
1586	533.374	-67.5878	0.000000E+00
1587	533.420	-68.3364	0.000000E+00
1588	531.724	-57.3195	0.000000E+00
1589	531.829	-58.9927	0.000000E+00
1590	532.827	-58.9300	-2.50000
1591	532.827	-59.9300	-2.50000
1592	531.882	-62.4963	0.000000E+00
1593	534.211	-62.3500	0.000000E+00
1594	533.266	-65.9162	-2.50000
1595	533.266	-66.9162	-2.50000
1596	534.264	-65.8520	0.000000E+00
1597	534.372	-67.5267	0.000000E+00
1598	535.087	-56.3544	0.000000E+00
1599	535.134	-57.1029	0.000000E+00
1600	535.802	-67.4313	0.000000E+00
1601	535.849	-68.1798	0.000000E+00
1602	534.136	-57.1656	0.000000E+00
1603	534.244	-58.8408	0.000000E+00
1604	534.303	-62.3441	0.000000E+00
1605	534.528	-65.8369	0.000000E+00
1606	534.804	-67.4970	0.000000E+00
1607	534.851	-68.2425	0.000000E+00
1608	537.497	-56.1990	0.000000E+00
1609	537.545	-56.9475	0.000000E+00
1610	538.230	-67.2748	0.000000E+00
1611	538.278	-68.0232	0.000000E+00
1612	536.547	-57.0118	0.000000E+00
1613	536.658	-58.6849	0.000000E+00
1614	536.723	-62.1880	-0.454747E-12
1615	539.051	-62.0342	-0.454747E-12
1616	539.115	-65.5364	0.000000E+00
1617	539.228	-67.2105	0.000000E+00
1618	539.907	-56.0359	0.000000E+00
1619	539.956	-56.7842	0.000000E+00
1620	540.658	-67.1104	0.000000E+00
1621	540.707	-67.8588	0.000000E+00
1622	538.958	-56.8502	0.000000E+00
1623	539.085	-58.5317	0.000000E+00
1624	539.155	-62.0272	-0.105804E-12
1625	539.391	-65.5192	0.000000E+00
1626	539.659	-67.1716	0.000000E+00

1627	539.709	-67.9247	0.000000E+00
1628	542.316	-55.8727	0.000000E+00
1629	542.367	-56.6210	0.000000E+00
1630	543.085	-66.9461	0.000000E+00
1631	543.136	-67.6944	0.000000E+00
1632	541.369	-56.6886	0.000000E+00
1633	541.486	-58.3616	0.000000E+00
1634	541.562	-61.8642	0.000000E+00
1635	543.890	-61.7028	0.000000E+00
1636	543.965	-65.2051	0.000000E+00
1637	544.083	-66.8785	0.000000E+00
1638	544.725	-55.7018	0.000000E+00
1639	544.777	-56.4500	0.000000E+00
1640	545.512	-66.7739	0.000000E+00
1641	545.564	-67.5221	0.000000E+00
1642	543.780	-56.5192	0.000000E+00
1643	543.900	-58.1941	0.000000E+00
1644	543.981	-61.6964	0.000000E+00
1645	544.229	-65.1877	0.000000E+00
1646	544.515	-66.8454	0.000000E+00
1647	544.566	-67.5913	0.000000E+00
1648	547.135	-55.5309	0.000000E+00
1649	547.188	-56.2791	0.000000E+00
1650	547.939	-66.6017	0.000000E+00
1651	547.992	-67.3499	0.000000E+00
1652	546.190	-56.3498	0.000000E+00
1653	546.313	-58.0227	0.000000E+00
1654	546.400	-61.5248	0.000000E+00
1655	548.727	-61.3559	0.000000E+00
1656	548.814	-64.8582	0.000000E+00
1657	548.937	-66.5310	0.000000E+00
1658	549.543	-55.3523	0.000000E+00
1659	549.598	-56.1003	0.000000E+00
1660	550.366	-66.4217	0.000000E+00
1661	550.420	-67.1698	0.000000E+00
1662	548.600	-56.1727	0.000000E+00
1663	548.727	-57.8479	0.000000E+00
1664	548.820	-61.3491	0.000000E+00
1665	549.078	-64.8395	0.000000E+00
1666	549.368	-66.4957	0.000000E+00
1667	549.422	-67.2421	0.000000E+00
1668	551.952	-55.1736	0.000000E+00
1669	552.007	-55.9215	0.000000E+00
1670	552.792	-66.2417	0.000000E+00
1671	552.848	-66.9897	0.000000E+00
1672	551.010	-55.9955	0.000000E+00
1673	551.139	-57.6682	0.000000E+00
1674	551.237	-61.1697	0.000000E+00
1675	553.564	-60.9934	0.000000E+00
1676	553.662	-64.4956	0.000000E+00
1677	553.789	-66.1678	0.000000E+00
1678	554.360	-54.9872	0.000000E+00
1679	554.417	-55.7350	0.000000E+00
1680	555.218	-66.0539	0.000000E+00
1681	555.275	-66.8018	0.000000E+00
1682	553.419	-55.8106	0.000000E+00
1683	553.551	-57.4852	0.000000E+00
1684	553.655	-60.9864	0.000000E+00
1685	553.925	-64.4759	0.000000E+00
1686	554.221	-66.1313	0.000000E+00
1687	554.277	-66.8774	0.000000E+00
1688	556.768	-54.8007	0.000000E+00
1689	556.826	-55.5485	0.000000E+00
1690	557.644	-65.8661	0.000000E+00
1691	557.702	-66.6139	0.000000E+00
1692	555.829	-55.6257	0.000000E+00
1693	555.963	-57.2982	0.000000E+00
1694	556.073	-60.7991	0.000000E+00
1695	558.399	-60.6152	0.000000E+00
1696	558.508	-64.1174	0.000000E+00
1697	558.641	-65.7889	0.000000E+00
1698	559.177	-54.6064	0.000000E+00
1699	559.236	-55.3541	0.000000E+00
1700	560.070	-65.6704	0.000000E+00
1701	560.129	-66.4180	0.000000E+00
1702	558.239	-55.4329	0.000000E+00
1703	558.375	-57.1066	0.000000E+00
1704	558.490	-60.6079	0.000000E+00
1705	558.772	-64.0966	0.000000E+00
1706	559.074	-65.7515	0.000000E+00
1707	559.132	-66.4968	0.000000E+00
1708	561.585	-54.4121	0.000000E+00
1709	561.646	-55.1597	0.000000E+00
1710	562.497	-65.4746	0.000000E+00
1711	562.557	-66.2222	0.000000E+00
1712	560.649	-55.2401	0.000000E+00
1713	560.786	-56.9111	0.000000E+00
1714	560.907	-60.4129	0.000000E+00
1715	563.233	-60.2215	0.000000E+00
1716	563.354	-63.7220	0.000000E+00
1717	563.494	-65.3942	0.000000E+00
1718	563.992	-54.2102	0.000000E+00
1719	564.054	-54.9576	0.000000E+00
1720	564.921	-65.2712	0.000000E+00
1721	564.983	-66.0186	0.000000E+00
1722	563.057	-55.0396	0.000000E+00
1723	563.194	-56.7109	0.000000E+00
1724	563.321	-60.2142	-0.116906E-12
1725	563.614	-63.7019	0.000000E+00
1726	563.925	-65.3579	0.000000E+00
1727	563.986	-66.1007	0.000000E+00
1728	566.399	-54.0082	0.000000E+00
1729	566.461	-54.7556	0.000000E+00
1730	567.346	-65.0677	0.000000E+00
1731	567.409	-65.8151	0.000000E+00

1732	565.465	-54.8392	0.000000E+00
1733	565.609	-56.5100	0.000000E+00
1734	565.741	-60.0111	0.000000E+00
1735	568.066	-59.8122	0.000000E+00
1736	568.198	-63.3126	0.000000E+00
1737	568.342	-64.9841	0.000000E+00
1738	568.805	-53.7985	0.000000E+00
1739	568.869	-54.5458	0.000000E+00
1740	569.770	-64.8564	0.000000E+00
1741	569.834	-65.6037	0.000000E+00
1742	567.872	-54.6310	0.000000E+00
1743	568.019	-56.3036	0.000000E+00
1744	568.157	-59.8043	0.000000E+00
1745	568.461	-63.2911	0.000000E+00
1746	568.774	-64.9442	0.000000E+00
1747	568.837	-65.6889	0.000000E+00
1748	571.211	-53.5888	0.000000E+00
1749	571.276	-54.3359	0.000000E+00
1750	572.194	-64.6452	0.000000E+00
1751	572.259	-65.3923	0.000000E+00
1752	570.280	-54.4228	0.000000E+00
1753	570.429	-56.0933	0.000000E+00
1754	570.573	-59.5937	0.000000E+00
1755	572.897	-59.3873	0.000000E+00
1756	573.040	-62.8876	0.000000E+00
1757	573.190	-64.5583	0.000000E+00
1758	573.616	-53.3713	0.000000E+00
1759	573.683	-54.1184	0.000000E+00
1760	574.617	-64.4261	0.000000E+00
1761	574.683	-65.1731	0.000000E+00
1762	572.687	-54.2068	0.000000E+00
1763	572.851	-55.8850	0.000000E+00
1764	573.000	-59.3781	0.000000E+00
1765	573.315	-62.8639	0.000000E+00
1766	573.621	-64.5098	0.000000E+00
1767	573.687	-65.2616	0.000000E+00
1768	576.022	-53.1538	0.000000E+00
1769	576.089	-53.9008	0.000000E+00
1770	577.040	-64.2070	0.000000E+00
1771	577.108	-64.9540	0.000000E+00
1772	575.093	-53.9908	0.000000E+00
1773	575.249	-55.6611	0.000000E+00
1774	575.403	-59.1607	0.000000E+00
1775	577.727	-58.9469	0.000000E+00
1776	577.882	-62.4469	0.000000E+00
1777	578.036	-64.1170	0.000000E+00
1778	578.432	-52.9281	0.000000E+00
1779	578.500	-53.6750	0.000000E+00
1780	579.468	-63.9796	0.000000E+00
1781	579.537	-64.7265	0.000000E+00
1782	577.505	-53.7666	0.000000E+00
1783	577.663	-55.4387	0.000000E+00
1784	577.818	-58.9367	0.000000E+00
1785	578.142	-62.4225	0.000000E+00
1786	578.473	-64.0780	0.000000E+00
1787	578.541	-64.8181	0.000000E+00
1788	580.842	-52.7024	0.000000E+00
1789	580.912	-53.4491	0.000000E+00
1790	581.896	-63.7522	0.000000E+00
1791	581.966	-64.4989	0.000000E+00
1792	579.916	-53.5424	0.000000E+00
1793	580.077	-55.2104	0.000000E+00
1794	581.072	-55.1143	-2.50000
1795	581.072	-56.1143	-2.50000
1796	580.232	-58.7088	0.000000E+00
1797	582.556	-58.4927	0.000000E+00
1798	581.721	-62.0863	-2.50000
1799	581.721	-63.0863	-2.50000
1800	582.715	-61.9817	0.000000E+00
1801	582.891	-63.6590	0.000000E+00
1802	583.228	-52.4811	0.000000E+00
1803	583.298	-53.2279	0.000000E+00
1804	584.302	-63.5291	0.000000E+00
1805	584.371	-64.2759	0.000000E+00
1806	582.302	-53.3207	0.000000E+00
1807	582.467	-54.9918	0.000000E+00
1808	582.629	-58.4877	0.000000E+00
1809	582.960	-61.9728	0.000000E+00
1810	583.307	-63.6365	0.000000E+00
1811	583.376	-64.3687	0.000000E+00
1812	585.615	-52.2599	0.000000E+00
1813	585.684	-53.0067	0.000000E+00
1814	586.708	-63.3060	0.000000E+00
1815	586.777	-64.0528	0.000000E+00
1816	584.689	-53.0990	0.000000E+00
1817	584.857	-54.7664	0.000000E+00
1818	585.029	-58.2486	0.000000E+00
1819	587.351	-58.0250	0.000000E+00
1820	587.516	-61.5237	0.000000E+00
1821	587.703	-63.2137	0.000000E+00
1822	587.999	-52.0262	0.000000E+00
1823	588.070	-52.7728	0.000000E+00
1824	589.109	-63.0706	0.000000E+00
1825	589.180	-63.8172	0.000000E+00
1826	587.075	-52.8677	0.000000E+00
1827	587.247	-54.5191	0.000000E+00
1828	587.429	-58.0146	-0.116573E-13
1829	587.778	-61.4972	0.000000E+00
1830	588.114	-63.1708	0.000000E+00
1831	588.184	-63.9121	0.000000E+00
1832	590.383	-51.7925	0.000000E+00
1833	590.457	-52.5389	0.000000E+00
1834	591.510	-62.8352	0.000000E+00
1835	591.583	-63.5816	0.000000E+00
1836	589.461	-52.6364	0.000000E+00

1837	589.634	-54.2996	0.000000E+00
1838	589.822	-57.7733	0.000000E+00
1839	592.144	-57.5403	0.000000E+00
1840	592.322	-61.0532	0.000000E+00
1841	592.505	-62.7376	0.000000E+00
1842	592.768	-51.5460	0.000000E+00
1843	592.843	-52.2922	0.000000E+00
1844	593.911	-62.5869	0.000000E+00
1845	593.986	-63.3332	0.000000E+00
1846	591.848	-52.3924	0.000000E+00
1847	592.022	-54.0582	0.000000E+00
1848	592.213	-57.5549	0.000000E+00
1849	592.569	-61.0366	0.000000E+00
1850	592.917	-62.6949	0.000000E+00
1851	592.991	-63.4334	0.000000E+00
1852	595.152	-51.2995	0.000000E+00
1853	595.229	-52.0456	0.000000E+00
1854	596.312	-62.3387	0.000000E+00
1855	596.389	-63.0848	0.000000E+00
1856	594.234	-52.1484	0.000000E+00
1857	594.409	-53.8119	0.000000E+00
1858	594.613	-57.2829	0.000000E+00
1859	596.934	-57.0404	0.000000E+00
1860	597.125	-60.5616	0.000000E+00
1861	597.534	-51.0456	0.000000E+00
1862	597.307	-62.2359	0.000000E+00
1863	597.612	-51.7915	0.000000E+00
1864	598.712	-62.0829	0.000000E+00
1865	596.618	-51.8959	0.000000E+00
1866	598.790	-62.8288	0.000000E+00
1867	596.783	-53.5304	0.000000E+00
1868	596.989	-57.0340	-0.166533E-14
1869	597.360	-60.5143	0.000000E+00
1870	597.718	-62.1958	0.000000E+00
1871	599.916	-50.7916	0.000000E+00
1872	597.796	-62.9332	0.000000E+00
1873	599.996	-51.5374	0.000000E+00
1874	601.112	-61.8271	0.000000E+00
1875	599.001	-51.6434	0.000000E+00
1876	601.191	-62.5729	0.000000E+00
1877	599.183	-53.3073	0.000000E+00
1878	599.401	-56.7772	0.000000E+00
1879	601.721	-56.5253	0.000000E+00
1880	601.927	-60.0513	0.000000E+00
1881	602.299	-50.5299	0.000000E+00
1882	602.106	-61.7211	0.000000E+00
1883	602.380	-51.2756	0.000000E+00
1884	603.512	-61.5634	0.000000E+00
1885	601.385	-51.3832	0.000000E+00
1886	603.593	-62.3091	0.000000E+00
1887	601.569	-53.0470	0.000000E+00
1888	601.788	-56.5444	0.000000E+00
1889	602.173	-60.0232	0.000000E+00
1890	602.518	-61.6704	0.000000E+00
1891	604.682	-50.2682	0.000000E+00
1892	602.599	-62.4167	0.000000E+00
1893	604.763	-51.0138	0.000000E+00
1894	605.912	-61.2998	0.000000E+00
1895	603.769	-51.1229	0.000000E+00
1896	605.994	-62.0453	0.000000E+00
1897	603.954	-52.7819	0.000000E+00
1898	604.186	-56.2564	0.000000E+00
1899	606.504	-55.9951	0.000000E+00
1900	606.726	-59.5198	0.000000E+00
1901	607.061	-49.9941	0.000000E+00
1902	606.906	-61.1906	0.000000E+00
1903	607.146	-50.7393	0.000000E+00
1904	606.153	-50.8527	0.000000E+00
1905	608.308	-61.0239	0.000000E+00
1906	608.393	-61.7690	0.000000E+00
1907	606.340	-52.4939	0.000000E+00
1908	606.568	-55.9894	0.000000E+00
1909	606.961	-59.4672	0.000000E+00
1910	607.314	-61.1343	0.000000E+00
1911	609.441	-49.7200	0.000000E+00
1912	609.530	-50.4648	0.000000E+00
1913	607.399	-61.8824	0.000000E+00
1914	608.537	-50.5824	0.000000E+00
1915	610.703	-60.7480	0.000000E+00
1916	610.792	-61.4928	0.000000E+00
1917	608.723	-52.2362	0.000000E+00
1918	608.967	-55.7204	0.000000E+00
1919	611.285	-55.4497	0.000000E+00
1920	611.524	-58.9729	0.000000E+00
1921	611.820	-49.4382	0.000000E+00
1922	611.909	-50.1830	0.000000E+00
1923	611.697	-60.6304	0.000000E+00
1924	610.916	-50.3006	0.000000E+00
1925	613.101	-60.4640	0.000000E+00
1926	613.189	-61.2088	0.000000E+00
1927	611.107	-51.9581	0.000000E+00
1928	611.355	-55.4563	0.000000E+00
1929	611.768	-58.9319	0.000000E+00
1930	614.199	-49.1565	0.000000E+00
1931	612.107	-60.5680	0.000000E+00
1932	614.288	-49.9013	0.000000E+00
1933	612.196	-61.3264	0.000000E+00
1934	613.295	-50.0189	0.000000E+00
1935	615.499	-60.1801	0.000000E+00
1936	613.491	-51.6751	0.000000E+00
1937	615.587	-60.9249	0.000000E+00
1938	614.484	-51.5575	-2.50000
1939	614.484	-52.5575	-2.50000
1940	614.795	-49.0827	0.000000E+00
1941	614.887	-49.8270	0.000000E+00

1942	613.746	-55.1693	0.000000E+00
1943	613.895	-49.9500	0.000000E+00
1944	614.086	-51.6005	0.000000E+00
1945	616.063	-54.8892	0.000000E+00
1946	614.341	-55.0990	0.000000E+00
1947	615.324	-58.5069	-2.50000
1948	615.324	-59.5069	-2.50000
1949	616.318	-58.4027	0.000000E+00
1950	616.492	-60.0625	0.000000E+00
1951	616.658	-54.8189	0.000000E+00
1953	616.183	-60.8511	0.000000E+00
1954	616.102	-60.1055	0.000000E+00
1955	616.914	-58.3264	0.000000E+00
1956	617.096	-59.9972	0.000000E+00
1957	305.273	-62.9707	-1.00000
1958	305.583	-59.4844	-1.00000
1959	304.111	-62.8675	-1.00000
1960	305.893	-55.9981	-1.00000
1961	304.421	-59.3812	-1.00000
1962	310.081	-63.3900	-1.00000
1963	310.379	-59.9027	-1.00000
1964	308.918	-63.2905	-1.00000
1965	310.678	-56.4155	-1.00000
1966	309.217	-59.8032	-1.00000
1967	314.889	-63.7939	-1.00000
1968	315.177	-60.3057	-1.00000
1969	313.727	-63.6981	-1.00000
1970	315.464	-56.8175	-1.00000
1971	314.014	-60.2099	-1.00000
1972	319.699	-64.1824	-1.00000
1973	319.975	-60.6933	-1.00000
1974	318.536	-64.0903	-1.00000
1975	320.251	-57.2042	-1.00000
1976	318.812	-60.6012	-1.00000
1977	324.510	-64.5555	-1.00000
1978	324.775	-61.0656	-1.00000
1979	323.347	-64.4672	-1.00000
1980	325.040	-57.5756	-1.00000
1981	323.612	-60.9772	-1.00000
1982	329.322	-64.9132	-1.00000
1983	329.576	-61.4225	-1.00000
1984	328.159	-64.8286	-1.00000
1985	329.830	-57.9317	-1.00000
1986	328.413	-61.3378	-1.00000
1987	334.136	-65.2556	-1.00000
1988	334.378	-61.7640	-1.00000
1989	332.972	-65.1747	-1.00000
1990	334.621	-58.2724	-1.00000
1991	333.214	-61.6831	-1.00000
1992	338.950	-65.5825	-1.00000
1993	339.182	-62.0901	-1.00000
1994	337.786	-65.5053	-1.00000
1995	339.413	-58.5978	-1.00000
1996	338.017	-62.0130	-1.00000
1997	343.801	-65.8961	-1.00000
1998	344.021	-62.4031	-1.00000
1999	342.637	-65.8227	-1.00000
2000	344.242	-58.9100	-1.00000
2001	342.857	-62.3297	-1.00000
2002	348.653	-66.1942	-1.00000
2003	348.862	-62.7005	-1.00000
2004	347.489	-66.1246	-1.00000
2005	349.071	-59.2067	-1.00000
2006	347.698	-62.6308	-1.00000
2007	353.506	-66.4767	-1.00000
2008	353.704	-62.9823	-1.00000
2009	352.342	-66.4108	-1.00000
2010	353.902	-59.4879	-1.00000
2011	352.539	-62.9164	-1.00000
2012	358.360	-66.7435	-1.00000
2013	358.547	-63.2485	-1.00000
2014	357.195	-66.6814	-1.00000
2015	358.733	-59.7535	-1.00000
2016	357.382	-63.1863	-1.00000
2017	363.215	-66.9947	-1.00000
2018	363.390	-63.4991	-1.00000
2019	362.050	-66.9363	-1.00000
2020	363.566	-60.0035	-1.00000
2021	362.225	-63.4407	-1.00000
2022	368.071	-67.2302	-1.00000
2023	368.235	-63.7340	-1.00000
2024	366.905	-67.1755	-1.00000
2025	368.399	-60.2379	-1.00000
2026	367.069	-63.6794	-1.00000
2027	372.927	-67.4500	-1.00000
2028	373.080	-63.9534	-1.00000
2029	371.761	-67.3992	-1.00000
2030	373.232	-60.4567	-1.00000
2031	371.914	-63.9025	-1.00000
2032	377.784	-67.6542	-1.00000
2033	377.925	-64.1571	-1.00000
2034	376.618	-67.6071	-1.00000
2035	378.067	-60.6600	-1.00000
2036	376.760	-64.1100	-1.00000
2037	382.642	-67.8428	-1.00000
2038	382.772	-64.3452	-1.00000
2039	381.476	-67.7994	-1.00000
2040	382.902	-60.8476	-1.00000
2041	381.606	-64.3018	-1.00000
2042	387.500	-68.0156	-1.00000
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2044	386.334	-67.9760	-1.00000
2045	387.737	-61.0197	-1.00000
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2047	392.359	-68.1729	-1.00000

2048	392.466	-64.6745	-1.00000
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2051	391.300	-64.6387	-1.00000
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2057	402.077	-68.4403	-1.00000
2058	402.162	-64.9413	-1.00000
2059	400.911	-68.4120	-1.00000
2060	402.247	-61.4424	-1.00000
2061	400.996	-64.9130	-1.00000
2062	406.937	-68.5505	-1.00000
2063	407.011	-65.0513	-1.00000
2064	405.771	-68.5259	-1.00000
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2086	425.242	-65.3252	-1.00000
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2099	439.792	-65.3850	-1.00000
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2101	439.797	-68.8850	-1.00000
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2116	454.381	-68.8038	-1.00000
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2214	551.237	-61.1697	-1.00000
2215	552.665	-64.5715	-1.00000
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2217	557.236	-60.7072	-1.00000
2218	556.960	-57.2181	-1.00000
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2223	561.783	-56.8290	-1.00000
2224	560.907	-60.4129	-1.00000
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2227	566.903	-59.9117	-1.00000
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2288	436.109	-65.3827	0.277556E-16
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2290	484.602	-64.6843	0.277556E-16
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2292	533.047	-62.4231	0.277556E-16
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2294	581.396	-58.6003	0.277556E-16
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2298	310.379	-59.9027	0.277556E-16
2299	310.379	-60.9027	-1.00000
2300	315.177	-60.3057	0.277556E-16
2301	315.177	-61.3057	-1.00000
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2313	348.862	-63.7005	-1.00000
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2321	368.235	-64.7340	-1.00000
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2334	407.011	-65.0513	0.277556E-16
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2424	334.136	-66.2556	-1.00000
2425	334.621	-59.2724	-1.00000
2426	338.950	-66.5825	-1.00000
2427	339.413	-59.5978	-1.00000
2428	343.801	-66.8961	-1.00000
2429	344.242	-59.9100	-1.00000
2430	348.653	-67.1942	-1.00000
2431	349.071	-60.2067	-1.00000
2432	353.506	-67.4767	-1.00000
2433	353.902	-60.4879	-1.00000
2434	358.360	-67.7435	-1.00000
2435	358.733	-60.7535	-1.00000
2436	363.215	-67.9947	-1.00000
2437	363.566	-61.0035	-1.00000
2438	368.071	-68.2302	-1.00000
2439	368.399	-61.2379	-1.00000
2440	372.927	-68.4500	-1.00000
2441	373.232	-61.4567	-1.00000
2442	377.784	-68.6542	-1.00000
2443	378.067	-61.6600	-1.00000
2444	382.642	-68.8428	-1.00000
2445	382.902	-61.8476	-1.00000
2446	387.500	-69.0156	-1.00000
2447	387.737	-62.0197	-1.00000
2448	392.359	-69.1729	-1.00000
2449	392.574	-62.1762	-1.00000
2450	397.218	-69.3144	-1.00000
2451	397.410	-62.3171	-1.00000
2452	402.077	-69.4403	-1.00000
2453	402.247	-62.4424	-1.00000
2454	406.937	-69.5505	-1.00000
2455	407.085	-62.5521	-1.00000
2456	411.798	-69.6450	-1.00000
2457	411.923	-62.6462	-1.00000
2458	416.658	-69.7239	-1.00000
2459	416.761	-62.7247	-1.00000
2460	421.519	-69.7871	-1.00000
2461	421.599	-62.7876	-1.00000
2462	426.380	-69.8347	-1.00000
2463	426.438	-62.8349	-1.00000
2464	431.242	-69.8665	-1.00000
2465	431.276	-62.8666	-1.00000
2466	436.103	-69.8827	-1.00000
2467	436.115	-62.8827	-1.00000

2468	440.954	-62.8832	-1.00000
2469	440.964	-69.8832	-1.00000
2470	445.792	-62.8681	-1.00000
2471	445.825	-69.8681	-1.00000
2472	450.631	-62.8375	-1.00000
2473	450.687	-69.8372	-1.00000
2474	455.469	-62.7912	-1.00000
2475	455.548	-69.7907	-1.00000
2476	460.308	-62.7293	-1.00000
2477	460.408	-69.7286	-1.00000
2478	465.146	-62.6518	-1.00000
2479	465.269	-69.6507	-1.00000
2480	469.984	-62.5587	-1.00000
2481	470.130	-69.5572	-1.00000
2482	474.821	-62.4500	-1.00000
2483	474.990	-69.4480	-1.00000
2484	479.658	-62.3258	-1.00000
2485	479.849	-69.3232	-1.00000
2486	484.495	-62.1859	-1.00000
2487	484.708	-69.1827	-1.00000
2488	489.331	-62.0305	-1.00000
2489	489.567	-69.0265	-1.00000
2490	494.167	-61.8594	-1.00000
2491	494.426	-68.8546	-1.00000
2492	499.002	-61.6728	-1.00000
2493	499.283	-68.6671	-1.00000
2494	503.836	-61.4705	-1.00000
2495	504.140	-68.4639	-1.00000
2496	508.670	-61.2527	-1.00000
2497	508.997	-68.2451	-1.00000
2498	513.503	-61.0193	-1.00000
2499	513.852	-68.0106	-1.00000
2500	518.336	-60.7704	-1.00000
2501	518.707	-67.7605	-1.00000
2502	523.167	-60.5058	-1.00000
2503	523.561	-67.4947	-1.00000
2504	527.998	-60.2257	-1.00000
2505	528.414	-67.2133	-1.00000
2506	532.827	-59.9300	-1.00000
2507	533.266	-66.9162	-1.00000
2508	537.656	-59.6187	-1.00000
2509	538.118	-66.6035	-1.00000
2510	542.484	-59.2919	-1.00000
2511	542.968	-66.2752	-1.00000
2512	547.310	-58.9495	-1.00000
2513	547.817	-65.9312	-1.00000
2514	552.136	-58.5916	-1.00000
2515	552.665	-65.5715	-1.00000
2516	556.960	-58.2181	-1.00000
2517	557.512	-65.1963	-1.00000
2518	561.783	-57.8290	-1.00000
2519	562.357	-64.8054	-1.00000
2520	566.605	-57.4244	-1.00000
2521	567.201	-64.3989	-1.00000
2522	571.425	-57.0042	-1.00000
2523	572.044	-63.9768	-1.00000
2524	576.244	-56.5686	-1.00000
2525	576.886	-63.5391	-1.00000
2526	581.072	-56.1143	-1.00000
2527	581.721	-63.0863	-1.00000
2528	585.852	-55.6660	-1.00000
2529	586.522	-62.6338	-1.00000
2530	590.629	-55.1963	-1.00000
2531	591.328	-62.1613	-1.00000
2532	595.404	-54.7072	-1.00000
2533	596.131	-61.6694	-1.00000
2534	600.177	-54.1988	-1.00000
2535	600.933	-61.1579	-1.00000
2536	604.948	-53.6710	-1.00000
2537	605.732	-60.6270	-1.00000
2538	609.717	-53.1239	-1.00000
2539	610.529	-60.0767	-1.00000
2540	614.484	-52.5575	-1.00000
2541	615.324	-59.5069	-1.00000
2542	304.527	-64.5857	0.000000E+00
2543	304.460	-65.3327	0.000000E+00
2544	305.523	-64.6748	0.000000E+00
2545	305.672	-63.0063	0.000000E+00
2546	305.058	-65.3862	0.000000E+00
2547	305.123	-64.6390	0.000000E+00
2548	306.147	-59.5344	0.000000E+00
2549	306.119	-64.7259	0.000000E+00
2550	303.823	-59.3280	0.000000E+00
2551	306.269	-63.0605	0.000000E+00
2552	305.273	-62.9707	-2.50000
2553	305.273	-63.9707	-2.50000
2554	305.442	-54.2762	0.000000E+00
2555	304.299	-55.8573	0.000000E+00
2556	306.745	-59.5876	0.000000E+00
2557	305.509	-53.5292	0.000000E+00
2558	304.446	-54.1871	0.000000E+00
2559	304.421	-59.3812	0.000000E+00
2560	306.041	-54.3298	0.000000E+00
2561	306.106	-53.5827	0.000000E+00
2562	305.893	-55.9981	-2.50000
2563	305.893	-56.9981	-2.50000
2564	304.896	-55.9095	0.000000E+00
2565	305.045	-54.2429	0.000000E+00
2566	307.468	-65.5984	0.000000E+00
2567	307.533	-64.8512	0.000000E+00
2568	308.433	-54.5403	0.000000E+00
2569	308.498	-53.7932	0.000000E+00
2570	306.472	-65.5115	0.000000E+00
2571	306.537	-64.7643	0.000000E+00
2572	306.517	-63.0818	0.000000E+00

2573	306.819	-59.5934	0.000000E+00
2574	307.291	-56.1220	0.000000E+00
2575	307.436	-54.4534	0.000000E+00
2576	309.874	-65.8062	0.000000E+00
2577	309.939	-65.0591	0.000000E+00
2578	310.819	-54.7466	0.000000E+00
2579	310.884	-53.9994	0.000000E+00
2580	310.935	-65.1460	0.000000E+00
2581	311.077	-63.4746	0.000000E+00
2582	311.542	-60.0023	0.000000E+00
2583	309.217	-59.8032	0.000000E+00
2584	309.681	-56.3310	0.000000E+00
2585	309.823	-54.6597	0.000000E+00
2586	312.274	-66.0098	0.000000E+00
2587	312.337	-65.2624	0.000000E+00
2588	313.203	-54.9488	0.000000E+00
2589	313.266	-54.2014	0.000000E+00
2590	311.278	-65.9261	0.000000E+00
2591	311.341	-65.1787	0.000000E+00
2592	311.315	-63.4956	0.000000E+00
2593	311.608	-60.0079	0.000000E+00
2594	312.067	-56.5341	0.000000E+00
2595	312.207	-54.8651	0.000000E+00
2596	314.691	-66.2109	0.000000E+00
2597	314.754	-65.4635	0.000000E+00
2598	315.601	-55.1482	0.000000E+00
2599	315.664	-54.4009	0.000000E+00
2600	315.750	-65.5472	0.000000E+00
2601	315.886	-63.8747	0.000000E+00
2602	316.339	-60.4015	0.000000E+00
2603	314.014	-60.2099	0.000000E+00
2604	314.467	-56.7355	0.000000E+00
2605	314.605	-55.0645	0.000000E+00
2606	317.108	-66.4080	0.000000E+00
2607	317.169	-65.6605	0.000000E+00
2608	318.002	-55.3441	0.000000E+00
2609	318.062	-54.5965	0.000000E+00
2610	316.111	-66.3275	0.000000E+00
2611	316.172	-65.5800	0.000000E+00
2612	316.140	-63.9000	0.000000E+00
2613	316.413	-60.4044	0.000000E+00
2614	316.870	-56.9330	0.000000E+00
2615	317.005	-55.2636	0.000000E+00
2616	319.507	-66.5999	0.000000E+00
2617	319.568	-65.8523	0.000000E+00
2618	320.382	-55.5344	0.000000E+00
2619	320.442	-54.7868	0.000000E+00
2620	320.564	-65.9328	0.000000E+00
2621	320.696	-64.2609	0.000000E+00
2622	321.138	-60.7854	0.000000E+00
2623	318.812	-60.6012	0.000000E+00
2624	319.255	-57.1263	0.000000E+00
2625	319.385	-55.4539	0.000000E+00
2626	321.917	-66.7887	0.000000E+00
2627	321.975	-66.0409	0.000000E+00
2628	322.775	-55.7219	0.000000E+00
2629	322.833	-54.9742	0.000000E+00
2630	320.920	-66.7114	0.000000E+00
2631	320.978	-65.9636	0.000000E+00
2632	320.941	-64.2807	0.000000E+00
2633	321.212	-60.7911	0.000000E+00
2634	321.649	-57.3145	0.000000E+00
2635	321.778	-55.6446	0.000000E+00
2636	324.327	-66.9737	0.000000E+00
2637	324.385	-66.2259	0.000000E+00
2638	325.166	-55.9054	0.000000E+00
2639	325.224	-55.1577	0.000000E+00
2640	325.382	-66.3032	0.000000E+00
2641	325.507	-64.6302	0.000000E+00
2642	325.938	-61.1539	0.103806E-13
2643	323.612	-60.9772	0.103806E-13
2644	324.043	-57.5002	0.000000E+00
2645	324.169	-55.8281	0.000000E+00
2646	326.727	-67.1540	0.000000E+00
2647	326.783	-66.4060	0.000000E+00
2648	327.550	-56.0845	0.000000E+00
2649	327.605	-55.3366	0.000000E+00
2650	325.730	-67.0798	0.000000E+00
2651	325.785	-66.3319	0.000000E+00
2652	325.744	-64.6460	0.000000E+00
2653	326.012	-61.1625	0.000000E+00
2654	326.428	-57.6807	0.000000E+00
2655	326.553	-56.0104	0.000000E+00
2656	329.146	-67.3318	0.000000E+00
2657	329.201	-66.5839	0.000000E+00
2658	329.949	-56.2610	0.000000E+00
2659	330.005	-55.5130	0.000000E+00
2660	330.198	-66.6580	0.000000E+00
2661	330.320	-64.9856	0.000000E+00
2662	330.740	-61.5070	0.000000E+00
2663	328.413	-61.3378	0.000000E+00
2664	328.833	-57.8604	0.000000E+00
2665	328.952	-56.1868	0.000000E+00
2666	331.564	-67.5058	0.000000E+00
2667	331.618	-66.7577	0.000000E+00
2668	332.352	-56.4337	0.000000E+00
2669	332.405	-55.6856	0.000000E+00
2670	330.567	-67.4349	0.000000E+00
2671	330.620	-66.6867	0.000000E+00
2672	330.573	-65.0041	0.000000E+00
2673	330.821	-61.5129	0.000000E+00
2674	331.235	-58.0335	0.000000E+00
2675	331.354	-56.3628	0.000000E+00
2676	333.968	-67.6748	0.000000E+00
2677	334.020	-66.9266	0.000000E+00

2678	334.736	-56.6014	0.000000E+00
2679	334.789	-55.8533	0.000000E+00
2680	335.017	-66.9958	0.000000E+00
2681	335.133	-65.3248	0.000000E+00
2682	335.542	-61.8448	-0.274780E-13
2683	333.214	-61.6830	-0.274780E-13
2684	333.623	-58.2037	0.000000E+00
2685	333.739	-56.5305	0.000000E+00
2686	336.377	-67.8403	0.000000E+00
2687	336.427	-67.0920	0.000000E+00
2688	337.129	-56.7658	0.000000E+00
2689	337.179	-56.0175	0.000000E+00
2690	335.379	-67.7725	0.000000E+00
2691	335.430	-67.0242	0.000000E+00
2692	335.377	-65.3411	0.000000E+00
2693	335.616	-61.8506	0.000000E+00
2694	336.017	-58.3691	0.000000E+00
2695	336.131	-56.6980	0.000000E+00
2696	338.788	-68.0121	0.000000E+00
2697	338.838	-67.2637	0.000000E+00
2698	339.519	-56.9362	0.000000E+00
2699	339.572	-56.1880	0.000000E+00
2700	339.835	-67.3304	0.000000E+00
2701	339.948	-65.6491	0.000000E+00
2702	338.950	-65.5825	-2.50000
2703	338.950	-66.5825	-2.50000
2704	340.346	-62.1673	0.000000E+00
2705	338.017	-62.0130	0.000000E+00
2706	339.413	-58.5978	-2.50000
2707	339.413	-59.5978	-2.50000
2708	338.415	-58.5341	0.000000E+00
2709	338.522	-56.8664	0.000000E+00
2710	341.216	-68.1611	0.000000E+00
2711	341.265	-67.4126	0.000000E+00
2712	341.933	-57.0842	0.000000E+00
2713	341.981	-56.3358	0.000000E+00
2714	340.218	-68.0965	0.000000E+00
2715	340.267	-67.3481	0.000000E+00
2716	340.208	-65.6657	0.000000E+00
2717	340.434	-62.1730	0.000000E+00
2718	340.827	-58.6911	0.000000E+00
2719	340.935	-57.0197	0.000000E+00
2720	343.649	-68.3165	0.000000E+00
2721	343.696	-67.5679	0.000000E+00
2722	344.348	-57.2385	0.000000E+00
2723	344.395	-56.4900	0.000000E+00
2724	344.694	-67.6305	0.000000E+00
2725	344.799	-65.9587	0.000000E+00
2726	345.186	-62.4765	0.568434E-13
2727	342.857	-62.3297	0.568434E-13
2728	343.244	-58.8464	0.000000E+00
2729	343.350	-57.1760	0.000000E+00
2730	346.083	-68.4680	0.000000E+00
2731	346.129	-67.7194	0.000000E+00
2732	346.764	-57.3888	0.000000E+00
2733	346.810	-56.6403	0.000000E+00
2734	345.085	-68.4066	0.000000E+00
2735	345.131	-67.6580	0.000000E+00
2736	345.067	-65.9759	0.000000E+00
2737	345.282	-62.4825	0.309197E-13
2738	345.663	-58.9993	0.000000E+00
2739	345.766	-57.3275	0.000000E+00
2740	348.509	-68.6150	0.000000E+00
2741	348.554	-67.8664	0.000000E+00
2742	349.171	-57.5348	0.000000E+00
2743	349.217	-56.7862	0.000000E+00
2744	349.552	-67.9259	0.000000E+00
2745	349.652	-66.2538	0.000000E+00
2746	350.027	-62.7702	0.000000E+00
2747	347.698	-62.6308	0.000000E+00
2748	348.073	-59.1475	0.000000E+00
2749	348.172	-57.4734	0.000000E+00
2750	350.951	-68.7591	0.000000E+00
2751	350.994	-68.0104	0.000000E+00
2752	351.596	-57.6779	0.000000E+00
2753	351.639	-56.9291	0.000000E+00
2754	349.953	-68.7010	0.000000E+00
2755	349.996	-67.9523	0.000000E+00
2756	349.927	-66.2704	0.000000E+00
2757	350.130	-62.7763	0.000000E+00
2758	350.500	-59.2919	0.000000E+00
2759	350.597	-57.6198	0.000000E+00
2760	353.369	-68.8979	0.000000E+00
2761	353.412	-68.1491	0.000000E+00
2762	353.995	-57.8156	0.000000E+00
2763	354.039	-57.0668	0.000000E+00
2764	354.410	-68.2056	0.000000E+00
2765	354.505	-66.5332	0.000000E+00
2766	354.869	-63.0482	0.000000E+00
2767	352.539	-62.9164	0.000000E+00
2768	352.903	-59.4321	0.000000E+00
2769	352.997	-57.7575	0.000000E+00
2770	355.793	-69.0331	0.000000E+00
2771	355.834	-68.2842	0.000000E+00
2772	356.403	-57.9499	0.000000E+00
2773	356.444	-57.2010	0.000000E+00
2774	354.795	-68.9782	0.000000E+00
2775	354.836	-68.2294	0.000000E+00
2776	354.761	-66.5477	0.000000E+00
2777	354.954	-63.0529	0.000000E+00
2778	355.312	-59.5674	0.000000E+00
2779	355.404	-57.8950	0.000000E+00
2780	358.231	-69.1651	0.000000E+00
2781	358.272	-68.4163	0.000000E+00
2782	358.821	-58.0808	0.000000E+00

2783	358.862	-57.3320	0.000000E+00
2784	359.270	-68.4711	0.000000E+00
2785	359.359	-66.7964	0.000000E+00
2786	359.712	-63.3106	-0.888178E-15
2787	357.382	-63.1863	-0.888178E-15
2788	357.735	-59.7012	0.000000E+00
2789	357.822	-58.0259	0.000000E+00
2790	360.663	-69.2929	0.000000E+00
2791	360.702	-68.5439	0.000000E+00
2792	361.236	-58.2078	0.000000E+00
2793	361.275	-57.4588	0.000000E+00
2794	359.664	-69.2413	0.000000E+00
2795	359.703	-68.4923	0.000000E+00
2796	359.623	-66.8110	0.000000E+00
2797	359.803	-63.3153	0.000000E+00
2798	360.151	-59.8288	0.000000E+00
2799	360.238	-58.1561	0.000000E+00
2800	363.093	-69.4167	0.000000E+00
2801	363.132	-68.6677	0.000000E+00
2802	363.647	-58.3305	0.000000E+00
2803	363.686	-57.5815	0.000000E+00
2804	364.130	-68.7193	0.000000E+00
2805	364.214	-67.0446	0.000000E+00
2806	364.556	-63.5575	0.000000E+00
2807	362.225	-63.4407	0.000000E+00
2808	362.567	-59.9547	0.000000E+00
2809	362.649	-58.2789	0.000000E+00
2810	365.533	-69.5370	0.000000E+00
2811	365.570	-68.7879	0.000000E+00
2812	366.071	-58.4500	0.000000E+00
2813	366.107	-57.7009	0.000000E+00
2814	364.535	-69.4886	0.000000E+00
2815	364.571	-68.7395	0.000000E+00
2816	364.485	-67.0609	0.000000E+00
2817	364.647	-63.5593	0.000000E+00
2818	364.991	-60.0746	0.000000E+00
2819	365.072	-58.4016	0.000000E+00
2820	367.958	-69.6527	0.000000E+00
2821	367.995	-68.9035	0.000000E+00
2822	368.477	-58.5648	0.000000E+00
2823	368.513	-57.8157	0.000000E+00
2824	368.993	-68.9520	0.000000E+00
2825	369.070	-67.2756	0.000000E+00
2826	369.400	-63.7887	0.000000E+00
2827	367.069	-63.6794	0.000000E+00
2828	367.400	-60.1910	0.000000E+00
2829	367.478	-58.5163	0.000000E+00
2830	370.378	-69.7642	0.000000E+00
2831	370.412	-69.0149	0.000000E+00
2832	370.880	-58.6755	0.000000E+00
2833	370.914	-57.9263	0.000000E+00
2834	369.379	-69.7189	0.000000E+00
2835	369.413	-68.9697	0.000000E+00
2836	369.322	-67.2888	0.000000E+00
2837	369.481	-63.7924	-0.489053E-13
2838	369.806	-60.3035	0.000000E+00
2839	369.881	-58.6303	0.000000E+00
2840	372.822	-69.8728	0.000000E+00
2841	372.856	-69.1236	0.000000E+00
2842	373.305	-58.7834	0.000000E+00
2843	373.339	-58.0341	0.000000E+00
2844	373.855	-69.1688	0.000000E+00
2845	373.926	-67.4925	0.000000E+00
2846	374.245	-64.0043	0.000000E+00
2847	371.914	-63.9025	0.000000E+00
2848	372.233	-60.4134	0.000000E+00
2849	372.306	-58.7381	0.000000E+00
2850	375.250	-69.9769	0.000000E+00
2851	375.282	-69.2276	0.000000E+00
2852	375.716	-58.8867	0.000000E+00
2853	375.748	-58.1374	0.000000E+00
2854	374.251	-69.9349	0.000000E+00
2855	374.282	-69.1855	0.000000E+00
2856	374.186	-67.5049	0.000000E+00
2857	374.333	-64.0080	0.000000E+00
2858	374.647	-60.5181	0.000000E+00
2859	374.717	-58.8447	0.000000E+00
2860	377.686	-70.0774	0.000000E+00
2861	377.718	-69.3280	0.000000E+00
2862	378.133	-58.9864	0.000000E+00
2863	378.165	-58.2370	0.000000E+00
2864	378.717	-69.3700	0.000000E+00
2865	378.783	-67.6938	0.000000E+00
2866	379.091	-64.2042	0.000000E+00
2867	376.760	-64.1100	0.000000E+00
2868	377.068	-60.6201	0.000000E+00
2869	377.134	-58.9444	0.000000E+00
2870	379.123	-70.1351	0.000000E+00
2871	379.152	-69.3857	0.000000E+00
2872	379.051	-67.7054	0.000000E+00
2873	379.187	-64.2080	0.000000E+00
2874	436.115	-61.8827	-2.50000
2875	484.495	-61.1859	-2.50000
2876	484.602	-64.6843	-2.50000
2877	484.602	-64.6843	-2.50000
2878	484.708	-68.1827	-2.50000
2879	532.827	-58.9300	-2.50000
2880	533.047	-62.4231	-2.50000
2881	533.047	-62.4231	-2.50000
2882	533.266	-65.9162	-2.50000
2883	581.072	-55.1143	-2.50000
2884	581.396	-58.6003	-2.50000
2885	581.396	-58.6003	-2.50000
2886	581.721	-62.0863	-2.50000
2887	614.484	-51.5575	-2.50000

2888	614.904	-55.0322	-2.50000
2889	614.904	-55.0322	-2.50000
2890	615.324	-58.5069	-2.50000
2891	305.273	-62.9707	-2.50000
2892	305.583	-59.4844	-2.50000
2893	305.583	-59.4844	-2.50000
2894	305.893	-55.9981	-2.50000
2895	338.950	-65.5825	-2.50000
2896	339.182	-62.0901	-2.50000
2897	339.182	-62.0901	-2.50000
2898	339.413	-58.5978	-2.50000
2899	387.500	-68.0156	-2.50000
2900	387.619	-64.5177	-2.50000
2901	387.619	-64.5177	-2.50000
2902	387.737	-61.0197	-2.50000
2903	436.103	-68.8827	-2.50000
2904	436.109	-65.3827	-2.50000
2905	436.109	-65.3827	-2.50000
2906	437.115	-61.8844	-2.50000
2907	436.117	-60.8827	-2.50000
2908	485.494	-61.1554	-2.50000
2909	484.464	-60.1864	-2.50000
2910	485.601	-64.6538	-2.50000
2911	484.571	-63.6847	-2.50000
2912	485.708	-68.1521	-2.50000
2913	484.678	-67.1831	-2.50000
2914	533.825	-58.8673	-2.50000
2915	532.765	-57.9320	-2.50000
2916	534.045	-62.3604	-2.50000
2917	532.984	-61.4251	-2.50000
2918	534.264	-65.8535	-2.50000
2919	533.204	-64.9182	-2.50000
2920	582.068	-55.0217	-2.50000
2921	580.980	-54.1186	-2.50000
2922	582.392	-58.5077	-2.50000
2923	581.304	-57.6046	-2.50000
2924	582.716	-61.9937	-2.50000
2925	581.628	-61.0906	-2.50000
2926	615.477	-51.4380	-2.50000
2927	614.364	-50.5647	-2.50000
2928	615.897	-54.9127	-2.50000
2929	614.784	-54.0394	-2.50000
2930	616.317	-58.3874	-2.50000
2931	615.204	-57.5141	-2.50000
2932	306.269	-63.0597	-2.50000
2933	305.362	-61.9747	-2.50000
2934	306.579	-59.5734	-2.50000
2935	305.672	-58.4884	-2.50000
2936	306.889	-56.0871	-2.50000
2937	305.982	-55.0021	-2.50000
2938	339.948	-65.6486	-2.50000
2939	339.016	-64.5847	-2.50000
2940	340.179	-62.1563	-2.50000
2941	339.248	-61.0923	-2.50000
2942	340.411	-58.6640	-2.50000
2943	339.479	-57.6000	-2.50000
2944	388.499	-68.0496	-2.50000
2945	387.534	-67.0162	-2.50000
2946	388.618	-64.5516	-2.50000
2947	387.653	-63.5182	-2.50000
2948	388.737	-61.0536	-2.50000
2949	387.771	-60.0203	-2.50000
2950	305.494	-60.4805	0.277556E-16
2951	306.579	-59.5729	0.390446E-13
2952	310.294	-60.8991	0.277556E-16
2953	311.376	-59.9880	-0.724483E-14
2954	315.094	-61.3023	0.277556E-16
2955	316.173	-60.3878	-0.928566E-13
2956	319.896	-61.6902	0.277556E-16
2957	320.972	-60.7722	0.224567E-13
2958	324.699	-62.0627	0.277556E-16
2959	325.772	-61.1413	0.277556E-16
2960	329.504	-62.4198	0.277556E-16
2961	330.574	-61.4950	-0.324432E-13
2962	334.309	-62.7616	0.277556E-16
2963	335.376	-61.8333	-0.399272E-13
2964	339.115	-63.0880	0.277556E-16
2965	340.179	-62.1563	0.989797E-14
2966	343.959	-63.4011	0.277556E-16
2967	345.019	-62.4660	0.147837E-13
2968	348.803	-63.6987	0.277556E-16
2969	349.861	-62.7602	-0.630785E-13
2970	353.648	-63.9807	0.277556E-16
2971	354.703	-63.0388	-0.813641E-13
2972	358.494	-64.2471	0.277556E-16
2973	359.545	-63.3018	0.620901E-13
2974	363.340	-64.4978	0.277556E-16
2975	364.389	-63.5491	-0.471414E-13
2976	368.188	-64.7329	0.277556E-16
2977	369.234	-63.7809	-0.110872E-12
2978	373.036	-64.9524	0.277556E-16
2979	374.079	-63.9970	0.565072E-13
2980	377.885	-65.1563	0.277556E-16
2981	378.925	-64.1975	-0.412704E-13
2982	382.735	-65.3445	0.277556E-16
2983	383.771	-64.3824	0.610579E-13
2984	387.585	-65.5171	0.277556E-16
2985	388.618	-64.5516	-0.991195E-13
2986	392.435	-65.6740	0.277556E-16
2987	393.466	-64.7052	-0.406318E-13
2988	397.287	-65.8154	0.277556E-16
2989	398.314	-64.8432	-0.106971E-12
2990	402.138	-65.9410	0.277556E-16
2991	403.162	-64.9656	-0.967166E-13
2992	406.990	-66.0511	0.277556E-16

2993	408.011	-65.0723	0.481620E-14
2994	411.842	-66.1454	0.277556E-16
2995	412.860	-65.1634	-0.555393E-13
2996	416.695	-66.2242	0.277556E-16
2997	417.710	-65.2389	-0.534870E-13
2998	421.548	-66.2873	0.277556E-16
2999	422.559	-65.2987	0.837015E-15
3000	426.401	-66.3347	0.277556E-16
3001	427.409	-65.3429	0.211646E-14
3002	431.254	-66.3665	0.277556E-16
3003	432.259	-65.3715	0.979810E-16
3004	436.107	-66.3827	0.277556E-16
3005	437.109	-65.3844	-0.170112E-12
3006	440.960	-66.3832	0.277556E-16
3007	441.959	-65.3817	-0.113894E-12
3008	445.814	-66.3681	0.277556E-16
3009	446.809	-65.3634	-0.579577E-13
3010	450.667	-66.3373	0.277556E-16
3011	451.659	-65.3294	-0.121560E-14
3012	455.520	-66.2909	0.277556E-16
3013	456.508	-65.2798	-0.766469E-15
3014	460.372	-66.2288	0.277556E-16
3015	461.358	-65.2145	-0.508864E-14
3016	465.225	-66.1511	0.277556E-16
3017	466.207	-65.1336	-0.630685E-13
3018	470.077	-66.0577	0.277556E-16
3019	471.056	-65.0371	-0.639138E-13
3020	474.929	-65.9487	0.277556E-16
3021	475.905	-64.9250	0.558285E-13
3022	479.781	-65.8241	0.277556E-16
3023	480.753	-64.7972	-0.120211E-12
3024	484.632	-65.6838	0.277556E-16
3025	485.601	-64.6538	0.529417E-13
3026	489.483	-65.5279	0.277556E-16
3027	490.449	-64.4947	-0.130375E-12
3028	494.333	-65.3563	0.277556E-16
3029	495.295	-64.3201	-0.667565E-13
3030	499.183	-65.1691	0.277556E-16
3031	500.142	-64.1298	-0.653352E-13
3032	504.032	-64.9663	0.277556E-16
3033	504.987	-63.9238	-0.891588E-14
3034	508.880	-64.7478	0.277556E-16
3035	509.832	-63.7023	-0.124468E-12
3036	513.728	-64.5138	0.277556E-16
3037	514.677	-63.4652	-0.988890E-14
3038	518.574	-64.2640	0.277556E-16
3039	519.520	-63.2124	0.117325E-12
3040	523.420	-63.9987	0.277556E-16
3041	524.362	-62.9440	-0.183684E-13
3042	528.265	-63.7177	0.277556E-16
3043	529.204	-62.6600	-0.758238E-14
3044	533.110	-63.4211	0.277556E-16
3045	534.045	-62.3604	-0.275920E-12
3046	537.953	-63.1089	0.277556E-16
3047	538.885	-62.0452	0.919157E-13
3048	542.795	-62.7811	0.277556E-16
3049	543.723	-61.7144	0.126709E-12
3050	547.636	-62.4377	0.277556E-16
3051	548.561	-61.3680	-0.122617E-12
3052	552.476	-62.0787	0.277556E-16
3053	553.397	-61.0060	-0.150928E-12
3054	557.315	-61.7041	0.277556E-16
3055	558.233	-60.6284	-0.135702E-12
3056	562.152	-61.3138	0.277556E-16
3057	563.067	-60.2352	0.230715E-12
3058	566.988	-60.9080	0.277556E-16
3059	567.899	-59.8264	-0.235890E-13
3060	571.823	-60.4866	0.277556E-16
3061	572.731	-59.4021	0.222112E-12
3062	576.657	-60.0496	0.277556E-16
3063	577.561	-58.9622	-0.631381E-13
3064	581.491	-59.5958	0.277556E-16
3065	582.392	-58.5055	0.235138E-12
3066	586.285	-59.1451	0.277556E-16
3067	587.182	-58.0519	-0.124258E-12
3068	591.079	-58.6737	0.277556E-16
3069	591.973	-57.5776	-0.138249E-12
3070	595.872	-58.1828	0.277556E-16
3071	596.762	-57.0839	-0.151615E-12
3072	600.662	-57.6726	0.277556E-16
3073	601.549	-56.5708	-0.122041E-13
3074	605.451	-57.1429	0.277556E-16
3075	606.334	-56.0383	0.972731E-13
3076	610.237	-56.5938	0.277556E-16
3077	611.117	-55.4863	0.789672E-13
3078	615.021	-56.0253	0.277556E-16
3079	615.897	-54.9151	-0.340954E-13
3080	437.103	-68.8844	-2.50000
3081	436.105	-67.8827	-2.50000
3082	437.109	-65.3844	-2.50000
3083	436.111	-64.3827	-2.50000

TOTAL NUMBER OF NODES	=	3082
LARGEST NODE NUMBER	=	3083
DATA STORAGE LOCATIONS USED	=	21574

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

PROPERTY

BMI21 ELEMENTS

1	1ST NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733
		ASY =1.811	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733
		ASY =1.811	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 = 0.1342	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

15	1ST NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733
		ASY =1.811	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.629	IYY =1.952	IZZ =5.742	KT =0.2683E-01	ASZ =1.733
		ASY =1.811	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 = 0.1342	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

2	1ST NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734
		ASY =1.915	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 = 0.1517	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

16	1ST NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.762	IYY =2.433	IZZ =5.836	KT =0.2703E-01	ASZ =1.734
		ASY =1.915	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 = 0.1517	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

3	1ST NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761
		ASY =1.915	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 = 0.1555 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

17 1ST NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
 ASY =1.915 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.792 IYY =2.473 IZZ =5.830 KT =0.2704E-01 ASZ =1.761
 ASY =1.915 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 = 0.1555 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

4 1ST NODE AREA =1.342 IYY =1.755 IZZ =1.200 KT =0.2728E-01 ASZ =1.789
 ASY =1.992 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =1.342 IYY =1.755 IZZ =1.200 KT =0.2728E-01 ASZ =1.789
 ASY =1.992 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 = 0.3716 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

18 1ST NODE AREA =1.342 IYY =1.755 IZZ =1.200 KT =0.2728E-01 ASZ =1.789
 ASY =1.992 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =1.342 IYY =1.755 IZZ =1.200 KT =0.2728E-01 ASZ =1.789
 ASY =1.992 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 = 0.3716 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

5 1ST NODE AREA =2.731 IYY =2.430 IZZ =5.905 KT =0.2700E-01 ASZ =1.733
 ASY =1.891 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00
 2ND NODE AREA =2.731 IYY =2.430 IZZ =5.905 KT =0.2700E-01 ASZ =1.733
 ASY =1.891 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 = 0.1478 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										
19	1ST NODE	AREA =2.731	IYY =2.430	IZZ =5.905	KT =0.2700E-01	ASZ =1.733				
		ASY =1.891	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.731	IYY =2.430	IZZ =5.905	KT =0.2700E-01	ASZ =1.733				
		ASY =1.891	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 = 0.1478	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										
6	1ST NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761				
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761				
		ASY =1.915	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 = 0.1555	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										
20	1ST NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761				
		ASY =1.915	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.792	IYY =2.473	IZZ =5.830	KT =0.2704E-01	ASZ =1.761				
		ASY =1.915	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 = 0.1555	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_code (soletta_code (RSS D=0.3 B=1.7))
PROPERTY

BMI21 ELEMENTS										
7	1ST NODE	AREA =0.5100	IYY =0.3825E-02	IZZ =0.1228	KT =0.1360E-01	ASZ =0.4253				
		ASY =0.4250	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =0.5100	IYY =0.3825E-02	IZZ =0.1228	KT =0.1360E-01	ASZ =0.4253				
		ASY =0.4250	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

el_soletta_estremi_chiusura (soletta_estremi (RSS D=0.3 B=0.1))
PROPERTY

BMI21 ELEMENTS										
8	1ST NODE	AREA =0.3000E-01	IYY =0.2250E-03	IZZ =0.2500E-04	KT =0.7900E-04	ASZ =0.2500E-01				
		ASY =0.2501E-01	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =0.3000E-01	IYY =0.2250E-03	IZZ =0.2500E-04	KT =0.7900E-04	ASZ =0.2500E-01				
		ASY =0.2501E-01	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

el_soletta_tipo (soletta_tipo (RSS D=0.3 B=2.4125))
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
9	1ST NODE	=0.7238	=0.5428E-02	=0.3510	=0.2001E-01	=0.6036
		ASY =0.6031	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =0.7238	IYY =0.5428E-02	IZZ =0.3510	KT =0.2001E-01	ASZ =0.6036
		ASY =0.6031	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

tr_spina (Sct3 (I D=0.5 B=0.2 tf=0.02 tw=0.015 r=0))
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
10	1ST NODE	=0.1490E-01	=0.5827E-03	=0.2680E-04	=0.1567E-05	=0.7035E-02
		ASY =0.6845E-02	EZ =0.2500	EY =0.0000E+00	IYZ =0.0000E+00	
	2ND NODE	AREA =0.1490E-01	IYY =0.5827E-03	IZZ =0.2680E-04	KT =0.1567E-05	ASZ =0.7035E-02
		ASY =0.6845E-02	EZ =0.2500	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_appoggio (Sct1 (I D=1 B=0.3 tf=0.02 tw=0.018 r=0))
PROPERTY

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

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

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
12	1ST NODE	=0.2640E-01	=0.3988E-02	=0.9027E-04	=0.2665E-05	=0.1428E-01
		ASY =0.1017E-01	EZ =0.0000E+00	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 =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
13	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	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

joints
PROPERTY

JSH4 ELEMENTS
14 ECCENTRICITY = 0.0000E+00
DATA STORAGE LOCATIONS USED = 1616

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	0	0	15	1
2	0	0	10	18

3	4	1	15	1
5	0	0	10	18
6	7	1	15	1
8	0	0	10	18
9	10	1	15	1
11	0	0	10	18
12	0	0	15	1
13	0	0	19	11
14	0	0	10	18
15	16	1	19	11
17	0	0	10	18
18	19	1	19	11
20	0	0	10	18
21	22	1	19	11
23	0	0	10	18
24	25	1	19	11
26	0	0	10	18
27	0	0	19	11
28	0	0	20	13
29	0	0	10	18
30	31	1	20	13
32	0	0	10	18
33	34	1	20	13
35	0	0	10	18
36	37	1	20	13
38	0	0	10	18
39	40	1	20	13
41	0	0	10	18
42	0	0	20	13
43	0	0	18	10
44	0	0	10	18
45	46	1	18	10
47	0	0	10	18
48	49	1	18	10
50	0	0	10	18
51	52	1	18	10
53	0	0	10	18
54	55	1	18	10
56	0	0	10	18
57	58	1	18	10
59	0	0	10	18
60	0	0	18	10
61	0	0	17	7
62	0	0	10	18
63	64	1	17	7
65	0	0	10	18
66	67	1	17	7
68	0	0	10	18
69	70	1	17	7
71	0	0	10	18
72	73	1	17	7
74	0	0	10	18
75	76	1	17	7
77	0	0	10	18
78	0	0	17	7
79	0	0	16	3
80	0	0	10	18
81	82	1	16	3
83	0	0	10	18
84	85	1	16	3
86	0	0	10	18
87	88	1	16	3
89	0	0	10	18
90	91	1	16	3
92	0	0	10	18
93	94	1	16	3
95	0	0	10	18
96	0	0	16	3
97	0	0	17	7
98	0	0	10	18
99	100	1	17	7
101	0	0	10	18
102	103	1	17	7
104	0	0	10	18
105	106	1	17	7
107	0	0	10	18
108	109	1	17	7
110	0	0	10	18
111	112	1	17	7
113	0	0	10	18
114	0	0	17	7
115	0	0	18	10
116	0	0	10	18
117	118	1	18	10
119	0	0	10	18
120	121	1	18	10
122	0	0	10	18
123	124	1	18	10
125	0	0	10	18
126	127	1	18	10
128	0	0	10	18
129	130	1	18	10
131	0	0	10	18
132	0	0	18	10
133	0	0	17	7
134	0	0	10	18
135	136	1	17	7
137	0	0	10	18
138	139	1	17	7
140	0	0	10	18
141	142	1	17	7
143	0	0	10	18
144	145	1	17	7
146	0	0	10	18
147	148	1	17	7

149	0	0	10	18
150	0	0	17	7
151	0	0	16	3
152	0	0	10	18
153	154	1	16	3
155	0	0	10	18
156	157	1	16	3
158	0	0	10	18
159	160	1	16	3
161	0	0	10	18
162	163	1	16	3
164	0	0	10	18
165	166	1	16	3
167	0	0	10	18
168	169	1	16	3
170	0	0	10	18
171	172	1	16	3
173	0	0	10	18
174	0	0	16	3
175	0	0	17	7
176	0	0	10	18
177	178	1	17	7
179	0	0	10	18
180	181	1	17	7
182	0	0	10	18
183	184	1	17	7
185	0	0	10	18
186	187	1	17	7
188	0	0	10	18
189	190	1	17	7
191	0	0	10	18
192	0	0	17	7
193	0	0	18	10
194	0	0	10	18
195	196	1	18	10
197	0	0	10	18
198	199	1	18	10
200	0	0	10	18
201	202	1	18	10
203	0	0	10	18
204	205	1	18	10
206	0	0	10	18
207	208	1	18	10
209	0	0	10	18
210	0	0	18	10
211	0	0	17	7
212	0	0	10	18
213	214	1	17	7
215	0	0	10	18
216	217	1	17	7
218	0	0	10	18
219	220	1	17	7
221	0	0	10	18
222	223	1	17	7
224	0	0	10	18
225	226	1	17	7
227	0	0	10	18
228	0	0	17	7
229	0	0	16	3
230	0	0	10	18
231	232	1	16	3
233	0	0	10	18
234	235	1	16	3
236	0	0	10	18
237	238	1	16	3
239	0	0	10	18
240	241	1	16	3
242	0	0	10	18
243	244	1	16	3
245	0	0	10	18
246	0	0	16	3
247	0	0	17	7
248	0	0	10	18
249	250	1	17	7
251	0	0	10	18
252	253	1	17	7
254	0	0	10	18
255	256	1	17	7
257	0	0	10	18
258	259	1	17	7
260	0	0	10	18
261	262	1	17	7
263	0	0	10	18
264	0	0	17	7
265	0	0	18	10
266	0	0	10	18
267	268	1	18	10
269	0	0	10	18
270	271	1	18	10
272	0	0	10	18
273	274	1	18	10
275	0	0	10	18
276	277	1	18	10
278	0	0	10	18
279	280	1	18	10
281	0	0	10	18
282	0	0	18	10
283	0	0	17	7
284	0	0	10	18
285	286	1	17	7
287	0	0	10	18
288	289	1	17	7
290	0	0	10	18
291	292	1	17	7
293	0	0	10	18

294	295	1	17	7
296	0	0	10	18
297	298	1	17	7
299	0	0	10	18
300	0	0	17	7
301	0	0	16	3
302	0	0	10	18
303	304	1	16	3
305	0	0	10	18
306	307	1	16	3
308	0	0	10	18
309	310	1	16	3
311	0	0	10	18
312	313	1	16	3
314	0	0	10	18
315	316	1	16	3
317	0	0	10	18
318	0	0	16	3
319	0	0	17	7
320	0	0	10	18
321	322	1	17	7
323	0	0	10	18
324	325	1	17	7
326	0	0	10	18
327	328	1	17	7
329	0	0	10	18
330	331	1	17	7
332	0	0	10	18
333	334	1	17	7
335	0	0	10	18
336	0	0	17	7
337	0	0	18	10
338	0	0	10	18
339	340	1	18	10
341	0	0	10	18
342	343	1	18	10
344	0	0	10	18
345	346	1	18	10
347	0	0	10	18
348	349	1	18	10
350	0	0	10	18
351	352	1	18	10
353	0	0	10	18
354	0	0	18	10
355	0	0	17	7
356	0	0	10	18
357	358	1	17	7
359	0	0	10	18
360	361	1	17	7
362	0	0	10	18
363	364	1	17	7
365	0	0	10	18
366	367	1	17	7
368	0	0	10	18
369	370	1	17	7
371	0	0	10	18
372	0	0	17	7
373	0	0	16	3
374	0	0	10	18
375	376	1	16	3
377	0	0	10	18
378	379	1	16	3
380	0	0	10	18
381	382	1	16	3
383	0	0	10	18
384	385	1	16	3
386	0	0	10	18
387	388	1	16	3
389	0	0	10	18
390	0	0	16	3
391	0	0	17	7
392	0	0	10	18
393	394	1	17	7
395	0	0	10	18
396	397	1	17	7
398	0	0	10	18
399	400	1	17	7
401	0	0	10	18
402	403	1	17	7
404	0	0	10	18
405	406	1	17	7
407	0	0	10	18
408	0	0	17	7
409	0	0	18	10
410	0	0	10	18
411	412	1	18	10
413	0	0	10	18
414	415	1	18	10
416	0	0	10	18
417	418	1	18	10
419	0	0	10	18
420	421	1	18	10
422	0	0	10	18
423	424	1	18	10
425	0	0	10	18
426	0	0	18	10
427	0	0	20	13
428	0	0	10	18
429	430	1	20	13
431	0	0	10	18
432	433	1	20	13
434	0	0	10	18
435	436	1	20	13
437	0	0	10	18
438	439	1	20	13

440	0	0	10	18
441	0	0	20	13
442	0	0	19	11
443	0	0	10	18
444	445	1	19	11
446	0	0	10	18
447	448	1	19	11
449	0	0	10	18
450	451	1	19	11
452	0	0	10	18
453	454	1	19	11
455	0	0	10	18
456	457	1	19	11
458	0	0	10	18
459	0	0	19	11
460	0	0	15	1
461	0	0	10	18
462	463	1	15	1
464	0	0	10	18
465	466	1	15	1
467	0	0	10	18
468	469	1	15	1
470	0	0	10	18
471	0	0	15	1
472	487	1	9	17
488	0	0	13	32
489	490	1	9	17
491	0	0	13	32
492	609	1	9	17
610	0	0	13	32
611	612	1	9	17
613	0	0	13	32
614	731	1	9	17
732	0	0	13	32
733	734	1	9	17
735	0	0	13	32
736	853	1	9	17
854	0	0	13	32
855	856	1	9	17
857	0	0	13	32
858	975	1	9	17
976	0	0	13	32
977	978	1	9	17
979	0	0	13	32
980	1059	1	9	17
1060	1061	1	7	15
1062	0	0	13	32
1063	0	0	7	15
1064	1065	1	8	16
1066	0	0	7	15
1067	0	0	8	16
1068	0	0	13	32
1069	1070	1	7	15
1071	1073	1	8	16
1074	1075	1	11	27
1076	1087	1	12	28
1088	1089	1	11	27
1090	1107	1	12	28
1108	1109	1	11	27
1110	1127	1	12	28
1128	1129	1	11	27
1130	1147	1	12	28
1148	1149	1	11	27
1150	1167	1	12	28
1168	1169	1	11	27
1170	1187	1	12	28
1188	1189	1	11	27
1190	1201	1	12	28
1202	1203	1	11	27
1204	1398	1	13	32
1399	1401	1	8	16
1402	0	0	7	15
1403	0	0	8	16
1404	0	0	7	15
1405	0	0	13	32
1406	0	0	8	16
1407	0	0	7	15
1408	0	0	8	16
1409	0	0	7	15
1410	0	0	13	32
1411	1412	1	7	15
1413	1492	1	9	17
1493	0	0	13	32
1494	1495	1	9	17
1496	0	0	13	32
1497	1598	1	9	17
1599	1687	1	14	4

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS	=	404
TOTAL NUMBER OF ELEMENTS	=	1687
LARGEST ELEMENT NUMBER	=	1687
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER	=	20
DATA STORAGE LOCATIONS USED	=	5061

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

MATERIAL

svincoli_spina
5 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 0.0000E+00 KTY = 0.0000E+00 KTZ =
0.0000E+00

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

MATERIAL

Incastro
6 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
7 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
8 KX = 0.1900E+07 KY = 0.1900E+07 KZ = 0.1220E+10 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_massa (elastic)
2 E = 0.2100E+12 NU = 0.3000 RHO = 7850. 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_el_sol (elastic)
4 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 = 414

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	REINFORCEMENT	DIFF- 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	0	0	1	0	0	0	0	17	0	0
0	0	2	0	0	2	0	0	0	0	8	0	0
0	0	3	4	1	1	0	0	0	0	17	0	0
0	0	5	0	0	2	0	0	0	0	8	0	0
0	0	6	7	1	1	0	0	0	0	17	0	0
0	0	8	0	0	2	0	0	0	0	8	0	0
0	0	9	10	1	1	0	0	0	0	17	0	0
0	0	11	0	0	2	0	0	0	0	8	0	0
0	0	12	13	1	1	0	0	0	0	17	0	0
0	0	14	0	0	2	0	0	0	0	8	0	0
0	0	15	16	1	1	0	0	0	0	17	0	0
0	0	17	0	0	2	0	0	0	0	8	0	0
0	0	18	19	1	1	0	0	0	0	17	0	0
0	0	20	0	0	2	0	0	0	0	8	0	0
0	0	21	22	1	1	0	0	0	0	17	0	0
0	0	23	0	0	2	0	0	0	0	8	0	0
0	0	24	25	1	1	0	0	0	0	17	0	0
0	0	26	0	0	2	0	0	0	0	8	0	0
0	0	27	28	1	1	0	0	0	0	17	0	0
0	0	29	0	0	2	0	0	0	0	8	0	0
0	0	30	31	1	1	0	0	0	0	17	0	0
0	0	32	0	0	2	0	0	0	0	8	0	0
0	0	33	34	1	1	0	0	0	0	17	0	0
0	0	35	0	0	2	0	0	0	0	8	0	0
0	0	36	37	1	1	0	0	0	0	17	0	0
0	0	38	0	0	2	0	0	0	0	8	0	0
0	0	39	40	1	1	0	0	0	0	17	0	0
0	0	41	0	0	2	0	0	0	0	8	0	0
0	0	42	43	1	1	0	0	0	0	17	0	0
0	0	44	0	0	2	0	0	0	0	8	0	0
0	0	45	46	1	1	0	0	0	0	17	0	0
0	0	47	0	0	2	0	0	0	0	8	0	0
0	0	48	49	1	1	0	0	0	0	17	0	0
0	0	50	0	0	2	0	0	0	0	8	0	0
0	0	51	52	1	1	0	0	0	0	17	0	0
0	0	53	0	0	2	0	0	0	0	8	0	0
0	0	54	55	1	1	0	0	0	0	17	0	0
0	0	56	0	0	2	0	0	0	0	8	0	0
0	0	57	58	1	1	0	0	0	0	17	0	0
0	0	59	0	0	2	0	0	0	0	8	0	0
0	0	60	61	1	1	0	0	0	0	17	0	0
0	0	62	0	0	2	0	0	0	0	8	0	0
0	0	63	64	1	1	0	0	0	0	17	0	0
0	0	65	0	0	2	0	0	0	0	8	0	0
0	0	66	67	1	1	0	0	0	0	17	0	0
0	0	68	0	0	2	0	0	0	0	8	0	0
0	0	69	70	1	1	0	0	0	0	17	0	0
0	0	71	0	0	2	0	0	0	0	8	0	0
0	0	72	73	1	1	0	0	0	0	17	0	0
0	0	74	0	0	2	0	0	0	0	8	0	0

0	0	75	76	1	1	0	0	0	0	17	0	0
0	0	77	0	0	2	0	0	0	0	8	0	0
0	0	78	79	1	1	0	0	0	0	17	0	0
0	0	80	0	0	2	0	0	0	0	8	0	0
0	0	81	82	1	1	0	0	0	0	17	0	0
0	0	83	0	0	2	0	0	0	0	8	0	0
0	0	84	85	1	1	0	0	0	0	17	0	0
0	0	86	0	0	2	0	0	0	0	8	0	0
0	0	87	88	1	1	0	0	0	0	17	0	0
0	0	89	0	0	2	0	0	0	0	8	0	0
0	0	90	91	1	1	0	0	0	0	17	0	0
0	0	92	0	0	2	0	0	0	0	8	0	0
0	0	93	94	1	1	0	0	0	0	17	0	0
0	0	95	0	0	2	0	0	0	0	8	0	0
0	0	96	97	1	1	0	0	0	0	17	0	0
0	0	98	0	0	2	0	0	0	0	8	0	0
0	0	99	100	1	1	0	0	0	0	17	0	0
0	0	101	0	0	2	0	0	0	0	8	0	0
0	0	102	103	1	1	0	0	0	0	17	0	0
0	0	104	0	0	2	0	0	0	0	8	0	0
0	0	105	106	1	1	0	0	0	0	17	0	0
0	0	107	0	0	2	0	0	0	0	8	0	0
0	0	108	109	1	1	0	0	0	0	17	0	0
0	0	110	0	0	2	0	0	0	0	8	0	0
0	0	111	112	1	1	0	0	0	0	17	0	0
0	0	113	0	0	2	0	0	0	0	8	0	0
0	0	114	115	1	1	0	0	0	0	17	0	0
0	0	116	0	0	2	0	0	0	0	8	0	0
0	0	117	118	1	1	0	0	0	0	17	0	0
0	0	119	0	0	2	0	0	0	0	8	0	0
0	0	120	121	1	1	0	0	0	0	17	0	0
0	0	122	0	0	2	0	0	0	0	8	0	0
0	0	123	124	1	1	0	0	0	0	17	0	0
0	0	125	0	0	2	0	0	0	0	8	0	0
0	0	126	127	1	1	0	0	0	0	17	0	0
0	0	128	0	0	2	0	0	0	0	8	0	0
0	0	129	130	1	1	0	0	0	0	17	0	0
0	0	131	0	0	2	0	0	0	0	8	0	0
0	0	132	133	1	1	0	0	0	0	17	0	0
0	0	134	0	0	2	0	0	0	0	8	0	0
0	0	135	136	1	1	0	0	0	0	17	0	0
0	0	137	0	0	2	0	0	0	0	8	0	0
0	0	138	139	1	1	0	0	0	0	17	0	0
0	0	140	0	0	2	0	0	0	0	8	0	0
0	0	141	142	1	1	0	0	0	0	17	0	0
0	0	143	0	0	2	0	0	0	0	8	0	0
0	0	144	145	1	1	0	0	0	0	17	0	0
0	0	146	0	0	2	0	0	0	0	8	0	0
0	0	147	148	1	1	0	0	0	0	17	0	0
0	0	149	0	0	2	0	0	0	0	8	0	0
0	0	150	151	1	1	0	0	0	0	17	0	0
0	0	152	0	0	2	0	0	0	0	8	0	0

0	0	153	0	154	1	1	0	0	0	0	17	0	0
0	0	155	0	0	0	2	0	0	0	0	8	0	0
0	0	156	0	157	1	1	0	0	0	0	17	0	0
0	0	158	0	0	0	2	0	0	0	0	8	0	0
0	0	159	0	160	1	1	0	0	0	0	17	0	0
0	0	161	0	0	0	2	0	0	0	0	8	0	0
0	0	162	0	163	1	1	0	0	0	0	17	0	0
0	0	164	0	0	0	2	0	0	0	0	8	0	0
0	0	165	0	166	1	1	0	0	0	0	17	0	0
0	0	167	0	0	0	2	0	0	0	0	8	0	0
0	0	168	0	169	1	1	0	0	0	0	17	0	0
0	0	170	0	0	0	2	0	0	0	0	8	0	0
0	0	171	0	172	1	1	0	0	0	0	17	0	0
0	0	173	0	0	0	2	0	0	0	0	8	0	0
0	0	174	0	175	1	1	0	0	0	0	17	0	0
0	0	176	0	0	0	2	0	0	0	0	8	0	0
0	0	177	0	178	1	1	0	0	0	0	17	0	0
0	0	179	0	0	0	2	0	0	0	0	8	0	0
0	0	180	0	181	1	1	0	0	0	0	17	0	0
0	0	182	0	0	0	2	0	0	0	0	8	0	0
0	0	183	0	184	1	1	0	0	0	0	17	0	0
0	0	185	0	0	0	2	0	0	0	0	8	0	0
0	0	186	0	187	1	1	0	0	0	0	17	0	0
0	0	188	0	0	0	2	0	0	0	0	8	0	0
0	0	189	0	190	1	1	0	0	0	0	17	0	0
0	0	191	0	0	0	2	0	0	0	0	8	0	0
0	0	192	0	193	1	1	0	0	0	0	17	0	0
0	0	194	0	0	0	2	0	0	0	0	8	0	0
0	0	195	0	196	1	1	0	0	0	0	17	0	0
0	0	197	0	0	0	2	0	0	0	0	8	0	0
0	0	198	0	199	1	1	0	0	0	0	17	0	0
0	0	200	0	0	0	2	0	0	0	0	8	0	0
0	0	201	0	202	1	1	0	0	0	0	17	0	0
0	0	203	0	0	0	2	0	0	0	0	8	0	0
0	0	204	0	205	1	1	0	0	0	0	17	0	0
0	0	206	0	0	0	2	0	0	0	0	8	0	0
0	0	207	0	208	1	1	0	0	0	0	17	0	0
0	0	209	0	0	0	2	0	0	0	0	8	0	0
0	0	210	0	211	1	1	0	0	0	0	17	0	0
0	0	212	0	0	0	2	0	0	0	0	8	0	0
0	0	213	0	214	1	1	0	0	0	0	17	0	0
0	0	215	0	0	0	2	0	0	0	0	8	0	0
0	0	216	0	217	1	1	0	0	0	0	17	0	0
0	0	218	0	0	0	2	0	0	0	0	8	0	0
0	0	219	0	220	1	1	0	0	0	0	17	0	0
0	0	221	0	0	0	2	0	0	0	0	8	0	0
0	0	222	0	223	1	1	0	0	0	0	17	0	0
0	0	224	0	0	0	2	0	0	0	0	8	0	0
0	0	225	0	226	1	1	0	0	0	0	17	0	0
0	0	227	0	0	0	2	0	0	0	0	8	0	0
0	0	228	0	229	1	1	0	0	0	0	17	0	0
0	0	230	0	0	0	2	0	0	0	0	8	0	0

0	0	231	0	232	1	1	0	0	0	0	17	0	0
0	0	233	0	0	0	2	0	0	0	0	8	0	0
0	0	234	0	235	1	1	0	0	0	0	17	0	0
0	0	236	0	0	0	2	0	0	0	0	8	0	0
0	0	237	0	238	1	1	0	0	0	0	17	0	0
0	0	239	0	0	0	2	0	0	0	0	8	0	0
0	0	240	0	241	1	1	0	0	0	0	17	0	0
0	0	242	0	0	0	2	0	0	0	0	8	0	0
0	0	243	0	244	1	1	0	0	0	0	17	0	0
0	0	245	0	0	0	2	0	0	0	0	8	0	0
0	0	246	0	247	1	1	0	0	0	0	17	0	0
0	0	248	0	0	0	2	0	0	0	0	8	0	0
0	0	249	0	250	1	1	0	0	0	0	17	0	0
0	0	251	0	0	0	2	0	0	0	0	8	0	0
0	0	252	0	253	1	1	0	0	0	0	17	0	0
0	0	254	0	0	0	2	0	0	0	0	8	0	0
0	0	255	0	256	1	1	0	0	0	0	17	0	0
0	0	257	0	0	0	2	0	0	0	0	8	0	0
0	0	258	0	259	1	1	0	0	0	0	17	0	0
0	0	260	0	0	0	2	0	0	0	0	8	0	0
0	0	261	0	262	1	1	0	0	0	0	17	0	0
0	0	263	0	0	0	2	0	0	0	0	8	0	0
0	0	264	0	265	1	1	0	0	0	0	17	0	0
0	0	266	0	0	0	2	0	0	0	0	8	0	0
0	0	267	0	268	1	1	0	0	0	0	17	0	0
0	0	269	0	0	0	2	0	0	0	0	8	0	0
0	0	270	0	271	1	1	0	0	0	0	17	0	0
0	0	272	0	0	0	2	0	0	0	0	8	0	0
0	0	273	0	274	1	1	0	0	0	0	17	0	0
0	0	275	0	0	0	2	0	0	0	0	8	0	0
0	0	276	0	277	1	1	0	0	0	0	17	0	0
0	0	278	0	0	0	2	0	0	0	0	8	0	0
0	0	279	0	280	1	1	0	0	0	0	17	0	0
0	0	281	0	0	0	2	0	0	0	0	8	0	0
0	0	282	0	283	1	1	0	0	0	0	17	0	0
0	0	284	0	0	0	2	0	0	0	0	8	0	0
0	0	285	0	286	1	1	0	0	0	0	17	0	0
0	0	287	0	0	0	2	0	0	0	0	8	0	0
0	0	288	0	289	1	1	0	0	0	0	17	0	0
0	0	290	0	0	0	2	0	0	0	0	8	0	0
0	0	291	0	292	1	1	0	0	0	0	17	0	0
0	0	293	0	0	0	2	0	0	0	0	8	0	0
0	0	294	0	295	1	1	0	0	0	0	17	0	0
0	0	296	0	0	0	2	0	0	0	0	8	0	0
0	0	297	0	298	1	1	0	0	0	0	17	0	0
0	0	299	0	0	0	2	0	0	0	0	8	0	0
0	0	300	0	301	1	1	0	0	0	0	17	0	0
0	0	302	0	0	0	2	0	0	0	0	8	0	0
0	0	303	0	304	1	1	0	0	0	0	17	0	0
0	0	305	0	0	0	2	0	0	0	0	8	0	0
0	0	306	0	307	1	1	0	0	0	0	17	0	0
0	0	308	0	0	0	2	0	0	0	0	8	0	0

0	0	309	0	310	1	1	0	0	0	0	17	0	0
0	0	311	0	0	0	2	0	0	0	0	8	0	0
0	0	312	0	313	1	1	0	0	0	0	17	0	0
0	0	314	0	0	0	2	0	0	0	0	8	0	0
0	0	315	0	316	1	1	0	0	0	0	17	0	0
0	0	317	0	0	0	2	0	0	0	0	8	0	0
0	0	318	0	319	1	1	0	0	0	0	17	0	0
0	0	320	0	0	0	2	0	0	0	0	8	0	0
0	0	321	0	322	1	1	0	0	0	0	17	0	0
0	0	323	0	0	0	2	0	0	0	0	8	0	0
0	0	324	0	325	1	1	0	0	0	0	17	0	0
0	0	326	0	0	0	2	0	0	0	0	8	0	0
0	0	327	0	328	1	1	0	0	0	0	17	0	0
0	0	329	0	0	0	2	0	0	0	0	8	0	0
0	0	330	0	331	1	1	0	0	0	0	17	0	0
0	0	332	0	0	0	2	0	0	0	0	8	0	0
0	0	333	0	334	1	1	0	0	0	0	17	0	0
0	0	335	0	0	0	2	0	0	0	0	8	0	0
0	0	336	0	337	1	1	0	0	0	0	17	0	0
0	0	338	0	0	0	2	0	0	0	0	8	0	0
0	0	339	0	340	1	1	0	0	0	0	17	0	0
0	0	341	0	0	0	2	0	0	0	0	8	0	0
0	0	342	0	343	1	1	0	0	0	0	17	0	0
0	0	344	0	0	0	2	0	0	0	0	8	0	0
0	0	345	0	346	1	1	0	0	0	0	17	0	0
0	0	347	0	0	0	2	0	0	0	0	8	0	0
0	0	348	0	349	1	1	0	0	0	0	17	0	0
0	0	350	0	0	0	2	0	0	0	0	8	0	0
0	0	351	0	352	1	1	0	0	0	0	17	0	0
0	0	353	0	0	0	2	0	0	0	0	8	0	0
0	0	354	0	355	1	1	0	0	0	0	17	0	0
0	0	356	0	0	0	2	0	0	0	0	8	0	0
0	0	357	0	358	1	1	0	0	0	0	17	0	0
0	0	359	0	0	0	2	0	0	0	0	8	0	0
0	0	360	0	361	1	1	0	0	0	0	17	0	0
0	0	362	0	0	0	2	0	0	0	0	8	0	0
0	0	363	0	364	1	1	0	0	0	0	17	0	0
0	0	365	0	0	0	2	0	0	0	0	8	0	0
0	0	366	0	367	1	1	0	0	0	0	17	0	0
0	0	368	0	0	0	2	0	0	0	0	8	0	0
0	0	369	0	370	1	1	0	0	0	0	17	0	0
0	0	371	0	0	0	2	0	0	0	0	8	0	0
0	0	372	0	373	1	1	0	0	0	0	17	0	0
0	0	374	0	0	0	2	0	0	0	0	8	0	0
0	0	375	0	376	1	1	0	0	0	0	17	0	0
0	0	377	0	0	0	2	0	0	0	0	8	0	0
0	0	378	0	379	1	1	0	0	0	0	17	0	0
0	0	380	0	0	0	2	0	0	0	0	8	0	0
0	0	381	0	382	1	1	0	0	0	0	17	0	0
0	0	383	0	0	0	2	0	0	0	0	8	0	0
0	0	384	0	385	1	1	0	0	0	0	17	0	0
0	0	386	0	0	0	2	0	0	0	0	8	0	0

0	0	387	0	388	1	1	0	0	0	0	17	0	0
0	0	389	0	0	0	2	0	0	0	0	8	0	0
0	0	390	0	391	1	1	0	0	0	0	17	0	0
0	0	392	0	0	0	2	0	0	0	0	8	0	0
0	0	393	0	394	1	1	0	0	0	0	17	0	0
0	0	395	0	0	0	2	0	0	0	0	8	0	0
0	0	396	0	397	1	1	0	0	0	0	17	0	0
0	0	398	0	0	0	2	0	0	0	0	8	0	0
0	0	399	0	400	1	1	0	0	0	0	17	0	0
0	0	401	0	0	0	2	0	0	0	0	8	0	0
0	0	402	0	403	1	1	0	0	0	0	17	0	0
0	0	404	0	0	0	2	0	0	0	0	8	0	0
0	0	405	0	406	1	1	0	0	0	0	17	0	0
0	0	407	0	0	0	2	0	0	0	0	8	0	0
0	0	408	0	409	1	1	0	0	0	0	17	0	0
0	0	410	0	0	0	2	0	0	0	0	8	0	0
0	0	411	0	412	1	1	0	0	0	0	17	0	0
0	0	413	0	0	0	2	0	0	0	0	8	0	0
0	0	414	0	415	1	1	0	0	0	0	17	0	0
0	0	416	0	0	0	2	0	0	0	0	8	0	0
0	0	417	0	418	1	1	0	0	0	0	17	0	0
0	0	419	0	0	0	2	0	0	0	0	8	0	0
0	0	420	0	421	1	1	0	0	0	0	17	0	0
0	0	422	0	0	0	2	0	0	0	0	8	0	0
0	0	423	0	424	1	1	0	0	0	0	17	0	0
0	0	425	0	0	0	2	0	0	0	0	8	0	0
0	0	426	0	427	1	1	0	0	0	0	17	0	0
0	0	428	0	0	0	2	0	0	0	0	8	0	0
0	0	429	0	430	1	1	0	0	0	0	17	0	0
0	0	431	0	0	0	2	0	0	0	0	8	0	0
0	0	432	0	433	1	1	0	0	0	0	17	0	0
0	0	434	0	0	0	2	0	0	0	0	8	0	0
0	0	435	0	436	1	1	0	0	0	0	17	0	0
0	0	437	0	0	0	2	0	0	0	0	8	0	0
0	0	438	0	439	1	1	0	0	0	0	17	0	0
0	0	440	0	0	0	2	0	0	0	0	8	0	0
0	0	441	0	442	1	1	0	0	0	0	17	0	0
0	0	443	0	0	0	2	0	0	0	0	8	0	0
0	0	444	0	445	1	1	0	0	0	0	17	0	0
0	0	446	0	0	0	2	0	0	0	0	8	0	0
0	0	447	0	448	1	1	0	0	0	0	17	0	0
0	0	449	0	0	0	2	0	0	0	0	8	0	0
0	0	450	0	451	1	1	0	0	0	0	17	0	0
0	0	452	0	0	0	2	0	0	0	0	8	0	0
0	0	453	0	454	1	1	0	0	0	0	17	0	0
0	0	455	0	0	0	2	0	0	0	0	8	0	0
0	0	456	0	457	1	1	0	0	0	0	17	0	0
0	0	458	0	0	0	2	0	0	0	0	8	0	0
0	0	459	0	460	1	1	0	0	0	0	17	0	0
0	0	461	0	0	0	2	0	0	0	0	8	0	0
0	0	462	0	463	1	1	0	0	0	0	17	0	0
0	0	464	0	0	0	2	0	0	0	0	8	0	0

0	0	465	0	466	1	1	0	0	0	0	17	0	0
0	0	467	0	0	0	2	0	0	0	0	8	0	0
0	0	468	0	469	1	1	0	0	0	0	17	0	0
0	0	470	0	0	0	2	0	0	0	0	8	0	0
0	0	471	0	0	0	1	0	0	0	0	17	0	0
0	0	472	0	487	1	4	0	0	0	0	28	0	0
0	0	488	0	0	0	3	0	0	0	0	12	0	0
0	0	489	0	490	1	4	0	0	0	0	28	0	0
0	0	491	0	0	0	3	0	0	0	0	12	0	0
0	0	492	0	609	1	4	0	0	0	0	28	0	0
0	0	610	0	0	0	3	0	0	0	0	12	0	0
0	0	611	0	612	1	4	0	0	0	0	28	0	0
0	0	613	0	0	0	3	0	0	0	0	12	0	0
0	0	614	0	731	1	4	0	0	0	0	28	0	0
0	0	732	0	0	0	3	0	0	0	0	12	0	0
0	0	733	0	734	1	4	0	0	0	0	28	0	0
0	0	735	0	0	0	3	0	0	0	0	12	0	0
0	0	736	0	853	1	4	0	0	0	0	28	0	0
0	0	854	0	0	0	3	0	0	0	0	12	0	0
0	0	855	0	856	1	4	0	0	0	0	28	0	0
0	0	857	0	0	0	3	0	0	0	0	12	0	0
0	0	858	0	975	1	4	0	0	0	0	28	0	0
0	0	976	0	0	0	3	0	0	0	0	12	0	0
0	0	977	0	978	1	4	0	0	0	0	28	0	0
0	0	979	0	0	0	3	0	0	0	0	12	0	0
0	0	980	0	1061	1	4	0	0	0	0	28	0	0
0	0	1062	0	0	0	3	0	0	0	0	12	0	0
0	0	1063	0	1067	1	4	0	0	0	0	28	0	0
0	0	1068	0	0	0	3	0	0	0	0	12	0	0
0	0	1069	0	1073	1	4	0	0	0	0	28	0	0
0	0	1074	0	1203	1	2	0	0	0	0	8	0	0
0	0	1204	0	1398	1	3	0	0	0	0	12	0	0
0	0	1399	0	1404	1	4	0	0	0	0	28	0	0
0	0	1405	0	0	0	3	0	0	0	0	12	0	0
0	0	1406	0	1409	1	4	0	0	0	0	28	0	0
0	0	1410	0	0	0	3	0	0	0	0	12	0	0
0	0	1411	0	1492	1	4	0	0	0	0	28	0	0
0	0	1493	0	0	0	3	0	0	0	0	12	0	0
0	0	1494	0	1495	1	4	0	0	0	0	28	0	0
0	0	1496	0	0	0	3	0	0	0	0	12	0	0
0	0	1497	0	1598	1	4	0	0	0	0	28	0	0
0	0	1599	0	1600	1	7	0	0	0	0	10	0	0
0	0	1601	0	0	0	6	0	0	0	0	7	0	0
0	0	1602	0	1603	1	7	0	0	0	0	10	0	0
0	0	1604	0	0	0	6	0	0	0	0	7	0	0
0	0	1605	0	1606	1	7	0	0	0	0	10	0	0
0	0	1607	0	0	0	6	0	0	0	0	7	0	0
0	0	1608	0	0	0	7	0	0	0	0	10	0	0
0	0	1609	0	0	0	8	0	0	0	0	20	0	0
0	0	1610	0	0	0	6	0	0	0	0	7	0	0
0	0	1611	0	1612	1	8	0	0	0	0	20	0	0
0	0	1613	0	0	0	6	0	0	0	0	7	0	0

0	0	1614	0	0	0	8	0	0	0	0	0	20	0	0
0	0	1615	0	0	0	7	0	0	0	0	0	10	0	0
0	0	1616	0	0	0	6	0	0	0	0	0	7	0	0
0	0	1617	0	1618	1	7	0	0	0	0	0	10	0	0
0	0	1619	0	0	0	6	0	0	0	0	0	7	0	0
0	0	1620	0	0	0	7	0	0	0	0	0	10	0	0
0	0	1621	0	1685	1	5	0	0	0	0	0	3	0	0
0	0	1686	0	0	0	7	0	0	0	0	0	10	0	0
0	0	1687	0	0	0	6	0	0	0	0	0	7	0	0
0	0		0											

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 371

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.	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
2891	0	0	THX	1.00000
2892	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
2891	0	0	THY	1.00000
2892	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
2891	0	0	THZ	1.00000
2892	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
2892	0	0	THX	-1.00000
2894	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
2892	0	0	THY	-1.00000
2894	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
2892	0	0	THZ	-1.00000
2894	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
2891	0	0	U	0.286839
2892	0	0	U	-0.286839
2892	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2891	0	0	V	1.00000
2892	0	0	V	-1.00000
2892	0	0	THZ	0.309688

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	U	-0.286839
2892	0	0	THZ	1.00000
2894	0	0	U	0.286839

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	V	-1.00000
2892	0	0	THZ	-0.309688
2894	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2891	0	0	W	0.286839
2892	0	0	W	-0.286839
2892	0	0	THX	1.00000
2892	0	0	THY	-0.888306E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2892	0	0	W	-0.286839
2892	0	0	THX	-1.00000
2892	0	0	THY	0.888306E-01
2894	0	0	W	0.286839

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	THX	1.00000
2896	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
2895	0	0	THY	1.00000
2896	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
2895	0	0	THZ	1.00000
2896	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
2896	0	0	THX	-1.00000
2898	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
2896	0	0	THY	-1.00000
2898	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
2896	0	0	THZ	-1.00000
2898	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
2895	0	0	U	0.286342
2896	0	0	U	-0.286342
2896	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	V	1.00000
2896	0	0	V	-1.00000
2896	0	0	THZ	0.231536

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	U	-0.286342
2896	0	0	THZ	1.00000
2898	0	0	U	0.286342

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	V	-1.00000
2896	0	0	THZ	-0.231536
2898	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2895	0	0	W	0.286342
2896	0	0	W	-0.286342
2896	0	0	THX	1.00000
2896	0	0	THY	-0.662983E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 2 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2896	0	0	W	-0.286342
2896	0	0	THX	-1.00000
2896	0	0	THY	0.662983E-01
2898	0	0	W	0.286342

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THX	1.00000
2900	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THY	1.00000
2900	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	THZ	1.00000
2900	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THX	-1.00000
2902	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THY	-1.00000
2902	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	THZ	-1.00000
2902	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	U	0.285879
2900	0	0	U	-0.285879
2900	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	V	1.00000
2900	0	0	V	-1.00000
2900	0	0	THZ	0.118827

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	U	-0.285879
2900	0	0	THZ	1.00000
2902	0	0	U	0.285879

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	V	-1.00000
2900	0	0	THZ	-0.118827
2902	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2899	0	0	W	0.285879
2900	0	0	W	-0.285879
2900	0	0	THX	1.00000
2900	0	0	THY	-0.339703E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2900	0	0	W	-0.285879
2900	0	0	THX	-1.00000
2900	0	0	THY	0.339703E-01
2902	0	0	W	0.285879

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	U	0.285715
2905	0	0	U	-0.285715
2905	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	V	1.00000
2905	0	0	V	-1.00000
2905	0	0	THZ	-0.601290E-02

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	U	0.285715
2905	0	0	U	-0.285715
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	V	1.00000
2905	0	0	V	-1.00000
2905	0	0	THZ	0.601290E-02

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2874	0	0	W	0.285715
2905	0	0	W	-0.285715
2905	0	0	THX	-1.00000
2905	0	0	THY	0.171797E-02

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2903	0	0	W	0.285715
2905	0	0	W	-0.285715
2905	0	0	THX	1.00000
2905	0	0	THY	-0.171797E-02

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THX	1.00000
2877	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THY	1.00000
2877	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	THZ	1.00000

2877 0 0 THZ -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THX	-1.00000
2878	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THY	-1.00000
2878	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	THZ	-1.00000
2878	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	U	0.285847
2877	0	0	U	-0.285847
2877	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	V	1.00000
2877	0	0	V	-1.00000
2877	0	0	THZ	0.106808

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	U	-0.285847
2877	0	0	THZ	-1.00000
2878	0	0	U	0.285847

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	V	-1.00000
2877	0	0	THZ	-0.106808
2878	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2875	0	0	W	0.285847
2877	0	0	W	-0.285847
2877	0	0	THX	-1.00000
2877	0	0	THY	-0.305307E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 5 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2877	0	0	W	-0.285847
2877	0	0	THX	1.00000
2877	0	0	THY	0.305307E-01
2878	0	0	W	0.285847

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2879	0	0	THX	1.00000
2881	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2879	0	0	THY	1.00000
2881	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2879	0	0	THZ	1.00000
2881	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2881	0	0	THX	-1.00000
2882	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2881	0	0	THY	-1.00000
2882	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2881	0	0	THZ	-1.00000
2882	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2879	0	0	U	0.286278
2881	0	0	U	-0.286278
2881	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2879	0	0	V	1.00000
2881	0	0	V	-1.00000
2881	0	0	THZ	0.219518

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2881	0	0	U	-0.286278
2881	0	0	THZ	-1.00000
2882	0	0	U	0.286278

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2881	0	0	V	-1.00000
2881	0	0	THZ	-0.219518
2882	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2879	0	0	W	0.286278
2881	0	0	W	-0.286278
2881	0	0	THX	-1.00000
2881	0	0	THY	-0.628430E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2881	0	0	W	-0.286278
2881	0	0	THX	1.00000
2881	0	0	THY	0.628430E-01
2882	0	0	W	0.286278

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THX	1.00000
2884	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THY	1.00000
2884	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	THZ	1.00000
2884	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THX	-1.00000
2886	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THY	-1.00000
2886	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THZ	-1.00000
2886	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	U	0.286863
2884	0	0	U	-0.286863
2884	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	V	1.00000
2884	0	0	V	-1.00000
2884	0	0	THZ	0.324168

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	U	-0.286863
2884	0	0	THZ	-1.00000
2886	0	0	U	0.286863

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	V	-1.00000
2884	0	0	THZ	-0.324168
2886	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2883	0	0	W	0.286863
2884	0	0	W	-0.286863
2884	0	0	THX	-1.00000
2884	0	0	THY	-0.929918E-01

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	W	-0.286863
2884	0	0	THX	1.00000
2884	0	0	THY	0.929918E-01
2886	0	0	W	0.286863

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THX	1.00000
2889	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THY	1.00000
2889	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	THZ	1.00000
2889	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THX	-1.00000
2890	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THY	-1.00000
2890	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	THZ	-1.00000
2890	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	U	0.287794
2889	0	0	U	-0.287794
2889	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	V	1.00000
2889	0	0	V	-1.00000
2889	0	0	THZ	0.420058

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	U	-0.287794
2889	0	0	THZ	-1.00000
2890	0	0	U	0.287794

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	V	-1.00000
2889	0	0	THZ	-0.420058
2890	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2887	0	0	W	0.287794
2889	0	0	W	-0.287794
2889	0	0	THX	-1.00000
2889	0	0	THY	-0.120890

TOTAL NUMBER OF COEFFICIENTS = 4

EQUATION 8 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2889	0	0	W	-0.287794
2889	0	0	THX	1.00000
2889	0	0	THY	0.120890
2890	0	0	W	0.287794

TOTAL NUMBER OF COEFFICIENTS = 4

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 96
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 4
 LARGEST NODE NUMBER ENCOUNTERED = 2905
 DATA STORAGE LOCATIONS USED = 899

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	SUPPORT CONSTANT	SPRING CONSTANT	SUPPORT CONSTANT	SPRING CONSTANT	SUPPORT CONSTANT	SPRING CONSTANT	SUPPORT CONSTANT	SPRING CONSTANT
2876	2880	4	R 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
2885	2888	3	R 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
2893	2901	4	R 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
2904	0	0	R 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 = 8
 LARGEST NODE NUMBER = 2904
 DATA STORAGE LOCATIONS USED = 174

L O A D C A S E 6883

Loadcase 2

CONCENTRATED LOAD

FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
4965	0	0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 1
 LARGEST NODE OR ELEMENT NUMBER = 4965

L O A D C A S E 6884

LoadID=30 Line=2830 Dir=Fwd Pos=1

CONCENTRATED LOAD

FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
2	0	0	0.00000E+00	0.00000E+00	-367.61	0.00000E+00	0.00000E+00	0.00000E+00

5	0	0	0.00000E+00	0.00000E+00	-74.055	0.00000E+00	0.00000E+00	0.00000E+00
10	0	0	0.00000E+00	0.00000E+00	-95689.	0.00000E+00	0.00000E+00	0.00000E+00
12	0	0	0.00000E+00	0.00000E+00	-21142.	0.00000E+00	0.00000E+00	0.00000E+00
16	0	0	0.00000E+00	0.00000E+00	-31315.	0.00000E+00	0.00000E+00	0.00000E+00
18	0	0	0.00000E+00	0.00000E+00	-6915.7	0.00000E+00	0.00000E+00	0.00000E+00
2547	0	0	0.00000E+00	0.00000E+00	-299.44	0.00000E+00	0.00000E+00	0.00000E+00
2567	0	0	0.00000E+00	0.00000E+00	-63462.	0.00000E+00	0.00000E+00	0.00000E+00
2577	0	0	0.00000E+00	0.00000E+00	-20735.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 9
LARGEST NODE OR ELEMENT NUMBER = 2577

L O A D C A S E 6885

LoadID=30 Line=2830 Dir=Fwd Pos=2

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
10	0	0	0.00000E+00	0.00000E+00	-24451.	0.00000E+00	0.00000E+00	0.00000E+00		
12	0	0	0.00000E+00	0.00000E+00	-5398.9	0.00000E+00	0.00000E+00	0.00000E+00		
16	0	0	0.00000E+00	0.00000E+00	-95646.	0.00000E+00	0.00000E+00	0.00000E+00		
18	0	0	0.00000E+00	0.00000E+00	-21116.	0.00000E+00	0.00000E+00	0.00000E+00		
22	0	0	0.00000E+00	0.00000E+00	-7272.2	0.00000E+00	0.00000E+00	0.00000E+00		
24	0	0	0.00000E+00	0.00000E+00	-1614.2	0.00000E+00	0.00000E+00	0.00000E+00		
2567	0	0	0.00000E+00	0.00000E+00	-16256.	0.00000E+00	0.00000E+00	0.00000E+00		
2577	0	0	0.00000E+00	0.00000E+00	-63493.	0.00000E+00	0.00000E+00	0.00000E+00		
2587	0	0	0.00000E+00	0.00000E+00	-4752.6	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 9
LARGEST NODE OR ELEMENT NUMBER = 2587

L O A D C A S E 6886

LoadID=30 Line=2830 Dir=Fwd Pos=3

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1	0	0	0.00000E+00	0.00000E+00	-63768.	0.00000E+00	0.00000E+00	0.00000E+00		
2	0	0	0.00000E+00	0.00000E+00	56.730	0.00000E+00	0.00000E+00	0.00000E+00		
4	0	0	0.00000E+00	0.00000E+00	-14130.	0.00000E+00	0.00000E+00	0.00000E+00		
5	0	0	0.00000E+00	0.00000E+00	35.831	0.00000E+00	0.00000E+00	0.00000E+00		
16	0	0	0.00000E+00	0.00000E+00	-65184.	0.00000E+00	0.00000E+00	0.00000E+00		
18	0	0	0.00000E+00	0.00000E+00	-14388.	0.00000E+00	0.00000E+00	0.00000E+00		
22	0	0	0.00000E+00	0.00000E+00	-62183.	0.00000E+00	0.00000E+00	0.00000E+00		
24	0	0	0.00000E+00	0.00000E+00	-13740.	0.00000E+00	0.00000E+00	0.00000E+00		
2542	0	0	0.00000E+00	0.00000E+00	-42053.	0.00000E+00	0.00000E+00	0.00000E+00		
2547	0	0	0.00000E+00	0.00000E+00	-142.12	0.00000E+00	0.00000E+00	0.00000E+00		
2577	0	0	0.00000E+00	0.00000E+00	-43344.	0.00000E+00	0.00000E+00	0.00000E+00		
2587	0	0	0.00000E+00	0.00000E+00	-41161.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 2587

L O A D C A S E 6887

LoadID=30 Line=2830 Dir=Fwd Pos=4

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1	0	0	0.00000E+00	0.00000E+00	-31916.	0.00000E+00	0.00000E+00	0.00000E+00		
2	0	0	0.00000E+00	0.00000E+00	-71724.	0.00000E+00	0.00000E+00	0.00000E+00		
4	0	0	0.00000E+00	0.00000E+00	-7081.4	0.00000E+00	0.00000E+00	0.00000E+00		
5	0	0	0.00000E+00	0.00000E+00	-15811.	0.00000E+00	0.00000E+00	0.00000E+00		
10	0	0	0.00000E+00	0.00000E+00	-23729.	0.00000E+00	0.00000E+00	0.00000E+00		
12	0	0	0.00000E+00	0.00000E+00	-5239.1	0.00000E+00	0.00000E+00	0.00000E+00		
16	0	0	0.00000E+00	0.00000E+00	-8765.9	0.00000E+00	0.00000E+00	0.00000E+00		
18	0	0	0.00000E+00	0.00000E+00	-1932.0	0.00000E+00	0.00000E+00	0.00000E+00		
22	0	0	0.00000E+00	0.00000E+00	-95742.	0.00000E+00	0.00000E+00	0.00000E+00		
24	0	0	0.00000E+00	0.00000E+00	-21146.	0.00000E+00	0.00000E+00	0.00000E+00		
28	0	0	0.00000E+00	0.00000E+00	-22860.	0.00000E+00	0.00000E+00	0.00000E+00		
30	0	0	0.00000E+00	0.00000E+00	-5051.3	0.00000E+00	0.00000E+00	0.00000E+00		
2542	0	0	0.00000E+00	0.00000E+00	-20893.	0.00000E+00	0.00000E+00	0.00000E+00		
2547	0	0	0.00000E+00	0.00000E+00	-47827.	0.00000E+00	0.00000E+00	0.00000E+00		
2567	0	0	0.00000E+00	0.00000E+00	-15779.	0.00000E+00	0.00000E+00	0.00000E+00		
2577	0	0	0.00000E+00	0.00000E+00	-5857.1	0.00000E+00	0.00000E+00	0.00000E+00		
2587	0	0	0.00000E+00	0.00000E+00	-63529.	0.00000E+00	0.00000E+00	0.00000E+00		
2597	0	0	0.00000E+00	0.00000E+00	-15116.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 18
LARGEST NODE OR ELEMENT NUMBER = 2597

L O A D C A S E 6888

LoadID=30 Line=2830 Dir=Fwd Pos=5

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
2	0	0	0.00000E+00	0.00000E+00	-32463.	0.00000E+00	0.00000E+00	0.00000E+00		
5	0	0	0.00000E+00	0.00000E+00	-7174.6	0.00000E+00	0.00000E+00	0.00000E+00		
10	0	0	0.00000E+00	0.00000E+00	-94909.	0.00000E+00	0.00000E+00	0.00000E+00		
12	0	0	0.00000E+00	0.00000E+00	-20957.	0.00000E+00	0.00000E+00	0.00000E+00		
22	0	0	0.00000E+00	0.00000E+00	-34298.	0.00000E+00	0.00000E+00	0.00000E+00		
24	0	0	0.00000E+00	0.00000E+00	-7563.8	0.00000E+00	0.00000E+00	0.00000E+00		
28	0	0	0.00000E+00	0.00000E+00	-93073.	0.00000E+00	0.00000E+00	0.00000E+00		
30	0	0	0.00000E+00	0.00000E+00	-20568.	0.00000E+00	0.00000E+00	0.00000E+00		
2547	0	0	0.00000E+00	0.00000E+00	-21454.	0.00000E+00	0.00000E+00	0.00000E+00		
2567	0	0	0.00000E+00	0.00000E+00	-63042.	0.00000E+00	0.00000E+00	0.00000E+00		
2587	0	0	0.00000E+00	0.00000E+00	-22873.	0.00000E+00	0.00000E+00	0.00000E+00		
2597	0	0	0.00000E+00	0.00000E+00	-61625.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 2597

L O A D C A S E 6889

LoadID=30 Line=2830 Dir=Fwd Pos=6

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
10	0	0	0.00000E+00	0.00000E+00	-80663.	0.00000E+00	0.00000E+00	0.00000E+00		
12	0	0	0.00000E+00	0.00000E+00	-17819.	0.00000E+00	0.00000E+00	0.00000E+00		
16	0	0	0.00000E+00	0.00000E+00	-46706.	0.00000E+00	0.00000E+00	0.00000E+00		
18	0	0	0.00000E+00	0.00000E+00	-10310.	0.00000E+00	0.00000E+00	0.00000E+00		
28	0	0	0.00000E+00	0.00000E+00	-82744.	0.00000E+00	0.00000E+00	0.00000E+00		
30	0	0	0.00000E+00	0.00000E+00	-18263.	0.00000E+00	0.00000E+00	0.00000E+00		
34	0	0	0.00000E+00	0.00000E+00	-44626.	0.00000E+00	0.00000E+00	0.00000E+00		
36	0	0	0.00000E+00	0.00000E+00	-9866.5	0.00000E+00	0.00000E+00	0.00000E+00		
2567	0	0	0.00000E+00	0.00000E+00	-53441.	0.00000E+00	0.00000E+00	0.00000E+00		
2577	0	0	0.00000E+00	0.00000E+00	-31062.	0.00000E+00	0.00000E+00	0.00000E+00		
2597	0	0	0.00000E+00	0.00000E+00	-55022.	0.00000E+00	0.00000E+00	0.00000E+00		
2607	0	0	0.00000E+00	0.00000E+00	-29479.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 2607

L O A D C A S E 6890

LoadID=30 Line=2830 Dir=Fwd Pos=7

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
10	0	0	0.00000E+00	0.00000E+00	-16569.	0.00000E+00	0.00000E+00	0.00000E+00		
12	0	0	0.00000E+00	0.00000E+00	-3662.0	0.00000E+00	0.00000E+00	0.00000E+00		
16	0	0	0.00000E+00	0.00000E+00	-95631.	0.00000E+00	0.00000E+00	0.00000E+00		
18	0	0	0.00000E+00	0.00000E+00	-21117.	0.00000E+00	0.00000E+00	0.00000E+00		
22	0	0	0.00000E+00	0.00000E+00	-15168.	0.00000E+00	0.00000E+00	0.00000E+00		
24	0	0	0.00000E+00	0.00000E+00	-3348.6	0.00000E+00	0.00000E+00	0.00000E+00		
28	0	0	0.00000E+00	0.00000E+00	-17696.	0.00000E+00	0.00000E+00	0.00000E+00		
30	0	0	0.00000E+00	0.00000E+00	-3903.4	0.00000E+00	0.00000E+00	0.00000E+00		
34	0	0	0.00000E+00	0.00000E+00	-95697.	0.00000E+00	0.00000E+00	0.00000E+00		
36	0	0	0.00000E+00	0.00000E+00	-21130.	0.00000E+00	0.00000E+00	0.00000E+00		
40	0	0	0.00000E+00	0.00000E+00	-13975.	0.00000E+00	0.00000E+00	0.00000E+00		
42	0	0	0.00000E+00	0.00000E+00	-3094.2	0.00000E+00	0.00000E+00	0.00000E+00		
2567	0	0	0.00000E+00	0.00000E+00	-10949.	0.00000E+00	0.00000E+00	0.00000E+00		
2577	0	0	0.00000E+00	0.00000E+00	-63465.	0.00000E+00	0.00000E+00	0.00000E+00		
2587	0	0	0.00000E+00	0.00000E+00	-10090.	0.00000E+00	0.00000E+00	0.00000E+00		
2597	0	0	0.00000E+00	0.00000E+00	-11798.	0.00000E+00	0.00000E+00	0.00000E+00		
2607	0	0	0.00000E+00	0.00000E+00	-63514.	0.00000E+00	0.00000E+00	0.00000E+00		
2617	0	0	0.00000E+00	0.00000E+00	-9192.6	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 18
LARGEST NODE OR ELEMENT NUMBER = 2617

L O A D C A S E 6891

LoadID=30 Line=2830 Dir=Fwd Pos=8

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
16	0	0	0.00000E+00	0.00000E+00	-49384.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0	0	0.00000E+00	0.00000E+00	-10911.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
22	0	0	0.00000E+00	0.00000E+00	-77985.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
24	0	0	0.00000E+00	0.00000E+00	-17218.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0	0	0.00000E+00	0.00000E+00	-51771.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	0	0	0.00000E+00	0.00000E+00	-11423.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
40	0	0	0.00000E+00	0.00000E+00	-75597.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
42	0	0	0.00000E+00	0.00000E+00	-16706.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2577	0	0	0.00000E+00	0.00000E+00	-32687.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2587	0	0	0.00000E+00	0.00000E+00	-51816.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2607	0	0	0.00000E+00	0.00000E+00	-34467.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2617	0	0	0.00000E+00	0.00000E+00	-50036.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 2617

L O A D C A S E 6892

LoadID=30 Line=2830 Dir=Fwd Pos=9

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
16	0	0	0.00000E+00	0.00000E+00	-874.99	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
18	0	0	0.00000E+00	0.00000E+00	-202.07	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
22	0	0	0.00000E+00	0.00000E+00	-95779.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
24	0	0	0.00000E+00	0.00000E+00	-21143.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0	0	0.00000E+00	0.00000E+00	-30718.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
30	0	0	0.00000E+00	0.00000E+00	-6786.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0	0	0.00000E+00	0.00000E+00	-2056.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	0	0	0.00000E+00	0.00000E+00	-447.40	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
40	0	0	0.00000E+00	0.00000E+00	-95696.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
42	0	0	0.00000E+00	0.00000E+00	-21143.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
46	0	0	0.00000E+00	0.00000E+00	-29619.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
48	0	0	0.00000E+00	0.00000E+00	-6541.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2577	0	0	0.00000E+00	0.00000E+00	-510.68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2587	0	0	0.00000E+00	0.00000E+00	-63595.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2597	0	0	0.00000E+00	0.00000E+00	-20391.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2607	0	0	0.00000E+00	0.00000E+00	-1418.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2617	0	0	0.00000E+00	0.00000E+00	-63467.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2627	0	0	0.00000E+00	0.00000E+00	-19612.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 18
 LARGEST NODE OR ELEMENT NUMBER = 2627

L O A D C A S E 6893

LoadID=30 Line=2830 Dir=Fwd Pos=10

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
22	0	0	0.00000E+00	0.00000E+00	-25084.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
24	0	0	0.00000E+00	0.00000E+00	-5539.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
28	0	0	0.00000E+00	0.00000E+00	-95800.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
30	0	0	0.00000E+00	0.00000E+00	-21160.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0	0	0.00000E+00	0.00000E+00	-6485.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	0	0	0.00000E+00	0.00000E+00	-1430.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
40	0	0	0.00000E+00	0.00000E+00	-26154.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
42	0	0	0.00000E+00	0.00000E+00	-5776.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
46	0	0	0.00000E+00	0.00000E+00	-68975.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
48	0	0	0.00000E+00	0.00000E+00	-14521.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
52	0	0	0.00000E+00	0.00000E+00	-26465.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	0	0	0.00000E+00	0.00000E+00	-6060.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
58	0	0	0.00000E+00	0.00000E+00	-12704.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
60	0	0	0.00000E+00	0.00000E+00	-4817.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2587	0	0	0.00000E+00	0.00000E+00	-16613.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2597	0	0	0.00000E+00	0.00000E+00	-63564.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2607	0	0	0.00000E+00	0.00000E+00	-4324.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2617	0	0	0.00000E+00	0.00000E+00	-17379.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2627	0	0	0.00000E+00	0.00000E+00	-50968.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2637	0	0	0.00000E+00	0.00000E+00	-6180.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2637

L O A D C A S E 6894

LoadID=30 Line=2830 Dir=Fwd Pos=11

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
28	0	0	0.00000E+00	0.00000E+00	-67040.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
30	0	0	0.00000E+00	0.00000E+00	-14805.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0	0	0.00000E+00	0.00000E+00	-60327.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	0	0	0.00000E+00	0.00000E+00	-13322.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
46	0	0	0.00000E+00	0.00000E+00	-46181.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
48	0	0	0.00000E+00	0.00000E+00	-11651.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
52	0	0	0.00000E+00	0.00000E+00	-57249.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	0	0	0.00000E+00	0.00000E+00	-12444.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
58	0	0	0.00000E+00	0.00000E+00	-43417.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
60	0	0	0.00000E+00	0.00000E+00	-11472.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2597	0	0	0.00000E+00	0.00000E+00	-44439.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2607	0	0	0.00000E+00	0.00000E+00	-40065.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2627	0	0	0.00000E+00	0.00000E+00	-30701.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2637	0	0	0.00000E+00	0.00000E+00	-26884.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 2637

L O A D C A S E 6895

LoadID=30 Line=2830 Dir=Fwd Pos=12

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
28	0	0	0.00000E+00	0.00000E+00	-9847.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
30	0	0	0.00000E+00	0.00000E+00	-2177.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
34	0	0	0.00000E+00	0.00000E+00	-95644.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	0	0	0.00000E+00	0.00000E+00	-21118.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
40	0	0	0.00000E+00	0.00000E+00	-21876.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
42	0	0	0.00000E+00	0.00000E+00	-4833.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
46	0	0	0.00000E+00	0.00000E+00	-15108.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
48	0	0	0.00000E+00	0.00000E+00	-5486.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
52	0	0	0.00000E+00	0.00000E+00	-22309.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
54	0	0	0.00000E+00	0.00000E+00	-6294.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
58	0	0	0.00000E+00	0.00000E+00	-75058.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
60	0	0	0.00000E+00	0.00000E+00	-16161.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
64	0	0	0.00000E+00	0.00000E+00	-21082.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0	0	0.00000E+00	0.00000E+00	-4658.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2597	0	0	0.00000E+00	0.00000E+00	-6499.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2607	0	0	0.00000E+00	0.00000E+00	-63482.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2617	0	0	0.00000E+00	0.00000E+00	-14521.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2627	0	0	0.00000E+00	0.00000E+00	-7483.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2637	0	0	0.00000E+00	0.00000E+00	-52422.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2647	0	0	0.00000E+00	0.00000E+00	-13938.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2647

L O A D C A S E 6896

LoadID=30 Line=2830 Dir=Fwd Pos=13

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
34	0	0	0.00000E+00	0.00000E+00	-35970.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
36	0	0	0.00000E+00	0.00000E+00	-7946.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
40	0	0	0.00000E+00	0.00000E+00	-91401.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
42	0	0	0.00000E+00	0.00000E+00	-20185.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
58	0	0	0.00000E+00	0.00000E+00	-37542.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
60	0	0	0.00000E+00	0.00000E+00	-8287.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
64	0	0	0.00000E+00	0.00000E+00	-89829.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0	0	0.00000E+00	0.00000E+00	-19843.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2607	0	0	0.00000E+00	0.00000E+00	-23806.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2617	0	0	0.00000E+00	0.00000E+00	-60692.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2637	0	0	0.00000E+00	0.00000E+00	-24967.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2647	0	0	0.00000E+00	0.00000E+00	-59531.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 2647

L O A D C A S E 6897

LoadID=30 Line=2830 Dir=Fwd Pos=14

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
40	0	0	0.00000E+00	0.00000E+00	-84050.	0.00000E+00	0.00000E+00	0.00000E+00		
42	0	0	0.00000E+00	0.00000E+00	-18569.	0.00000E+00	0.00000E+00	0.00000E+00		
46	0	0	0.00000E+00	0.00000E+00	-43319.	0.00000E+00	0.00000E+00	0.00000E+00		
48	0	0	0.00000E+00	0.00000E+00	-9561.0	0.00000E+00	0.00000E+00	0.00000E+00		
64	0	0	0.00000E+00	0.00000E+00	-85747.	0.00000E+00	0.00000E+00	0.00000E+00		
66	0	0	0.00000E+00	0.00000E+00	-18937.	0.00000E+00	0.00000E+00	0.00000E+00		
70	0	0	0.00000E+00	0.00000E+00	-41622.	0.00000E+00	0.00000E+00	0.00000E+00		
72	0	0	0.00000E+00	0.00000E+00	-9193.2	0.00000E+00	0.00000E+00	0.00000E+00		
2617	0	0	0.00000E+00	0.00000E+00	-55679.	0.00000E+00	0.00000E+00	0.00000E+00		
2627	0	0	0.00000E+00	0.00000E+00	-28821.	0.00000E+00	0.00000E+00	0.00000E+00		
2647	0	0	0.00000E+00	0.00000E+00	-56933.	0.00000E+00	0.00000E+00	0.00000E+00		
2657	0	0	0.00000E+00	0.00000E+00	-27567.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 2657

L O A D C A S E 6898

LoadID=30 Line=2830 Dir=Fwd Pos=15

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
40	0	0	0.00000E+00	0.00000E+00	-18274.	0.00000E+00	0.00000E+00	0.00000E+00		
42	0	0	0.00000E+00	0.00000E+00	-4038.9	0.00000E+00	0.00000E+00	0.00000E+00		
46	0	0	0.00000E+00	0.00000E+00	-74093.	0.00000E+00	0.00000E+00	0.00000E+00		
48	0	0	0.00000E+00	0.00000E+00	-15982.	0.00000E+00	0.00000E+00	0.00000E+00		
52	0	0	0.00000E+00	0.00000E+00	-30665.	0.00000E+00	0.00000E+00	0.00000E+00		
54	0	0	0.00000E+00	0.00000E+00	-6037.8	0.00000E+00	0.00000E+00	0.00000E+00		
58	0	0	0.00000E+00	0.00000E+00	-14639.	0.00000E+00	0.00000E+00	0.00000E+00		
60	0	0	0.00000E+00	0.00000E+00	-4961.8	0.00000E+00	0.00000E+00	0.00000E+00		
64	0	0	0.00000E+00	0.00000E+00	-19202.	0.00000E+00	0.00000E+00	0.00000E+00		
66	0	0	0.00000E+00	0.00000E+00	-4240.6	0.00000E+00	0.00000E+00	0.00000E+00		
70	0	0	0.00000E+00	0.00000E+00	-95786.	0.00000E+00	0.00000E+00	0.00000E+00		
72	0	0	0.00000E+00	0.00000E+00	-21149.	0.00000E+00	0.00000E+00	0.00000E+00		
76	0	0	0.00000E+00	0.00000E+00	-12379.	0.00000E+00	0.00000E+00	0.00000E+00		
78	0	0	0.00000E+00	0.00000E+00	-2739.6	0.00000E+00	0.00000E+00	0.00000E+00		
2617	0	0	0.00000E+00	0.00000E+00	-12076.	0.00000E+00	0.00000E+00	0.00000E+00		
2627	0	0	0.00000E+00	0.00000E+00	-51525.	0.00000E+00	0.00000E+00	0.00000E+00		
2637	0	0	0.00000E+00	0.00000E+00	-7709.0	0.00000E+00	0.00000E+00	0.00000E+00		
2647	0	0	0.00000E+00	0.00000E+00	-12763.	0.00000E+00	0.00000E+00	0.00000E+00		
2657	0	0	0.00000E+00	0.00000E+00	-63586.	0.00000E+00	0.00000E+00	0.00000E+00		
2667	0	0	0.00000E+00	0.00000E+00	-8153.4	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2667

L O A D C A S E 6899

LoadID=30 Line=2830 Dir=Fwd Pos=16

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
46	0	0	0.00000E+00	0.00000E+00	-40577.	0.00000E+00	0.00000E+00	0.00000E+00		
48	0	0	0.00000E+00	0.00000E+00	-11293.	0.00000E+00	0.00000E+00	0.00000E+00		
52	0	0	0.00000E+00	0.00000E+00	-55852.	0.00000E+00	0.00000E+00	0.00000E+00		
54	0	0	0.00000E+00	0.00000E+00	-12355.	0.00000E+00	0.00000E+00	0.00000E+00		
58	0	0	0.00000E+00	0.00000E+00	-49608.	0.00000E+00	0.00000E+00	0.00000E+00		
60	0	0	0.00000E+00	0.00000E+00	-11977.	0.00000E+00	0.00000E+00	0.00000E+00		
70	0	0	0.00000E+00	0.00000E+00	-55264.	0.00000E+00	0.00000E+00	0.00000E+00		
72	0	0	0.00000E+00	0.00000E+00	-12198.	0.00000E+00	0.00000E+00	0.00000E+00		
76	0	0	0.00000E+00	0.00000E+00	-72104.	0.00000E+00	0.00000E+00	0.00000E+00		
78	0	0	0.00000E+00	0.00000E+00	-15931.	0.00000E+00	0.00000E+00	0.00000E+00		
2627	0	0	0.00000E+00	0.00000E+00	-24544.	0.00000E+00	0.00000E+00	0.00000E+00		
2637	0	0	0.00000E+00	0.00000E+00	-33794.	0.00000E+00	0.00000E+00	0.00000E+00		
2657	0	0	0.00000E+00	0.00000E+00	-36755.	0.00000E+00	0.00000E+00	0.00000E+00		
2667	0	0	0.00000E+00	0.00000E+00	-47748.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 2667

L O A D C A S E 6900

LoadID=30 Line=2830 Dir=Fwd Pos=17

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
46	0	0	0.00000E+00	0.00000E+00	-13211.	0.00000E+00	0.00000E+00	0.00000E+00	
48	0	0	0.00000E+00	0.00000E+00	-5302.8	0.00000E+00	0.00000E+00	0.00000E+00	
52	0	0	0.00000E+00	0.00000E+00	-18904.	0.00000E+00	0.00000E+00	0.00000E+00	
54	0	0	0.00000E+00	0.00000E+00	-6146.4	0.00000E+00	0.00000E+00	0.00000E+00	
58	0	0	0.00000E+00	0.00000E+00	-69554.	0.00000E+00	0.00000E+00	0.00000E+00	
60	0	0	0.00000E+00	0.00000E+00	-14668.	0.00000E+00	0.00000E+00	0.00000E+00	
64	0	0	0.00000E+00	0.00000E+00	-28990.	0.00000E+00	0.00000E+00	0.00000E+00	
66	0	0	0.00000E+00	0.00000E+00	-6403.1	0.00000E+00	0.00000E+00	0.00000E+00	
70	0	0	0.00000E+00	0.00000E+00	-3953.4	0.00000E+00	0.00000E+00	0.00000E+00	
72	0	0	0.00000E+00	0.00000E+00	-867.94	0.00000E+00	0.00000E+00	0.00000E+00	
76	0	0	0.00000E+00	0.00000E+00	-82775.	0.00000E+00	0.00000E+00	0.00000E+00	
78	0	0	0.00000E+00	0.00000E+00	-18963.	0.00000E+00	0.00000E+00	0.00000E+00	
82	0	0	0.00000E+00	0.00000E+00	-33810.	0.00000E+00	0.00000E+00	0.00000E+00	
84	0	0	0.00000E+00	0.00000E+00	-6151.5	0.00000E+00	0.00000E+00	0.00000E+00	
88	0	0	0.00000E+00	0.00000E+00	-19746.	0.00000E+00	0.00000E+00	0.00000E+00	
90	0	0	0.00000E+00	0.00000E+00	-5503.1	0.00000E+00	0.00000E+00	0.00000E+00	
2627	0	0	0.00000E+00	0.00000E+00	-6091.3	0.00000E+00	0.00000E+00	0.00000E+00	
2637	0	0	0.00000E+00	0.00000E+00	-51470.	0.00000E+00	0.00000E+00	0.00000E+00	
2647	0	0	0.00000E+00	0.00000E+00	-19259.	0.00000E+00	0.00000E+00	0.00000E+00	
2657	0	0	0.00000E+00	0.00000E+00	-2668.1	0.00000E+00	0.00000E+00	0.00000E+00	
2667	0	0	0.00000E+00	0.00000E+00	-53991.	0.00000E+00	0.00000E+00	0.00000E+00	
2677	0	0	0.00000E+00	0.00000E+00	-11571.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 22
 LARGEST NODE OR ELEMENT NUMBER = 2677

L O A D C A S E 6901

LoadID=30 Line=2830 Dir=Fwd Pos=18

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
58	0	0	0.00000E+00	0.00000E+00	-26758.	0.00000E+00	0.00000E+00	0.00000E+00	
60	0	0	0.00000E+00	0.00000E+00	-5911.1	0.00000E+00	0.00000E+00	0.00000E+00	
64	0	0	0.00000E+00	0.00000E+00	-95626.	0.00000E+00	0.00000E+00	0.00000E+00	
66	0	0	0.00000E+00	0.00000E+00	-21126.	0.00000E+00	0.00000E+00	0.00000E+00	
70	0	0	0.00000E+00	0.00000E+00	-4985.8	0.00000E+00	0.00000E+00	0.00000E+00	
72	0	0	0.00000E+00	0.00000E+00	-1093.0	0.00000E+00	0.00000E+00	0.00000E+00	
76	0	0	0.00000E+00	0.00000E+00	-19795.	0.00000E+00	0.00000E+00	0.00000E+00	
78	0	0	0.00000E+00	0.00000E+00	-5505.4	0.00000E+00	0.00000E+00	0.00000E+00	
82	0	0	0.00000E+00	0.00000E+00	-33939.	0.00000E+00	0.00000E+00	0.00000E+00	
84	0	0	0.00000E+00	0.00000E+00	-6156.6	0.00000E+00	0.00000E+00	0.00000E+00	
88	0	0	0.00000E+00	0.00000E+00	-82759.	0.00000E+00	0.00000E+00	0.00000E+00	
90	0	0	0.00000E+00	0.00000E+00	-18930.	0.00000E+00	0.00000E+00	0.00000E+00	
94	0	0	0.00000E+00	0.00000E+00	-3819.3	0.00000E+00	0.00000E+00	0.00000E+00	
96	0	0	0.00000E+00	0.00000E+00	-851.71	0.00000E+00	0.00000E+00	0.00000E+00	
2637	0	0	0.00000E+00	0.00000E+00	-17704.	0.00000E+00	0.00000E+00	0.00000E+00	
2647	0	0	0.00000E+00	0.00000E+00	-63419.	0.00000E+00	0.00000E+00	0.00000E+00	
2657	0	0	0.00000E+00	0.00000E+00	-3376.8	0.00000E+00	0.00000E+00	0.00000E+00	
2667	0	0	0.00000E+00	0.00000E+00	-11650.	0.00000E+00	0.00000E+00	0.00000E+00	
2677	0	0	0.00000E+00	0.00000E+00	-54129.	0.00000E+00	0.00000E+00	0.00000E+00	
2687	0	0	0.00000E+00	0.00000E+00	-2465.8	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2687

L O A D C A S E 6902

LoadID=30 Line=2830 Dir=Fwd Pos=19

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
64	0	0	0.00000E+00	0.00000E+00	-70046.	0.00000E+00	0.00000E+00	0.00000E+00	
66	0	0	0.00000E+00	0.00000E+00	-15479.	0.00000E+00	0.00000E+00	0.00000E+00	
70	0	0	0.00000E+00	0.00000E+00	-57321.	0.00000E+00	0.00000E+00	0.00000E+00	
72	0	0	0.00000E+00	0.00000E+00	-12649.	0.00000E+00	0.00000E+00	0.00000E+00	
88	0	0	0.00000E+00	0.00000E+00	-72214.	0.00000E+00	0.00000E+00	0.00000E+00	
90	0	0	0.00000E+00	0.00000E+00	-15943.	0.00000E+00	0.00000E+00	0.00000E+00	
94	0	0	0.00000E+00	0.00000E+00	-55154.	0.00000E+00	0.00000E+00	0.00000E+00	
96	0	0	0.00000E+00	0.00000E+00	-12186.	0.00000E+00	0.00000E+00	0.00000E+00	
2647	0	0	0.00000E+00	0.00000E+00	-46358.	0.00000E+00	0.00000E+00	0.00000E+00	
2657	0	0	0.00000E+00	0.00000E+00	-38146.	0.00000E+00	0.00000E+00	0.00000E+00	
2677	0	0	0.00000E+00	0.00000E+00	-47993.	0.00000E+00	0.00000E+00	0.00000E+00	
2687	0	0	0.00000E+00	0.00000E+00	-36511.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 2687

L O A D C A S E 6903

LoadID=30 Line=2830 Dir=Fwd Pos=20

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
64	0	0	0.00000E+00	0.00000E+00	-11354.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
66	0	0	0.00000E+00	0.00000E+00	-2513.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
70	0	0	0.00000E+00	0.00000E+00	-95785.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
72	0	0	0.00000E+00	0.00000E+00	-21148.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
76	0	0	0.00000E+00	0.00000E+00	-20229.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
78	0	0	0.00000E+00	0.00000E+00	-4467.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
88	0	0	0.00000E+00	0.00000E+00	-12342.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
90	0	0	0.00000E+00	0.00000E+00	-2723.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0	0	0.00000E+00	0.00000E+00	-95747.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0	0	0.00000E+00	0.00000E+00	-21134.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
100	0	0	0.00000E+00	0.00000E+00	-19354.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0	0	0.00000E+00	0.00000E+00	-4271.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2647	0	0	0.00000E+00	0.00000E+00	-7471.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2657	0	0	0.00000E+00	0.00000E+00	-63583.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2667	0	0	0.00000E+00	0.00000E+00	-13449.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2677	0	0	0.00000E+00	0.00000E+00	-8220.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2687	0	0	0.00000E+00	0.00000E+00	-63447.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2697	0	0	0.00000E+00	0.00000E+00	-12760.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 18
 LARGEST NODE OR ELEMENT NUMBER = 2697

L O A D C A S E 6904

LoadID=30 Line=2830 Dir=Fwd Pos=21

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
70	0	0	0.00000E+00	0.00000E+00	-39563.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
72	0	0	0.00000E+00	0.00000E+00	-8742.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
76	0	0	0.00000E+00	0.00000E+00	-87807.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
78	0	0	0.00000E+00	0.00000E+00	-19388.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
94	0	0	0.00000E+00	0.00000E+00	-41310.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0	0	0.00000E+00	0.00000E+00	-9101.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
100	0	0	0.00000E+00	0.00000E+00	-86398.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0	0	0.00000E+00	0.00000E+00	-19031.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2657	0	0	0.00000E+00	0.00000E+00	-26167.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2667	0	0	0.00000E+00	0.00000E+00	-58333.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2687	0	0	0.00000E+00	0.00000E+00	-27351.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2697	0	0	0.00000E+00	0.00000E+00	-56809.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 2697

L O A D C A S E 6905

LoadID=30 Line=2830 Dir=Fwd Pos=22

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
76	0	0	0.00000E+00	0.00000E+00	-53148.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
78	0	0	0.00000E+00	0.00000E+00	-12151.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
82	0	0	0.00000E+00	0.00000E+00	-56101.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
84	0	0	0.00000E+00	0.00000E+00	-12336.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
88	0	0	0.00000E+00	0.00000E+00	-35901.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
90	0	0	0.00000E+00	0.00000E+00	-10823.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
100	0	0	0.00000E+00	0.00000E+00	-89969.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0	0	0.00000E+00	0.00000E+00	-19806.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
106	0	0	0.00000E+00	0.00000E+00	-37754.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
108	0	0	0.00000E+00	0.00000E+00	-8325.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2667	0	0	0.00000E+00	0.00000E+00	-39053.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2677	0	0	0.00000E+00	0.00000E+00	-20487.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2697	0	0	0.00000E+00	0.00000E+00	-59291.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2711	0	0	0.00000E+00	0.00000E+00	-24853.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 2711

L O A D C A S E 6906

LoadID=30 Line=2830 Dir=Fwd Pos=23

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
76	0	0	0.00000E+00	0.00000E+00	-17163.	0.00000E+00	0.00000E+00	0.00000E+00	
78	0	0	0.00000E+00	0.00000E+00	-5351.5	0.00000E+00	0.00000E+00	0.00000E+00	
82	0	0	0.00000E+00	0.00000E+00	-31115.	0.00000E+00	0.00000E+00	0.00000E+00	
84	0	0	0.00000E+00	0.00000E+00	-6198.4	0.00000E+00	0.00000E+00	0.00000E+00	
88	0	0	0.00000E+00	0.00000E+00	-78696.	0.00000E+00	0.00000E+00	0.00000E+00	
90	0	0	0.00000E+00	0.00000E+00	-17551.	0.00000E+00	0.00000E+00	0.00000E+00	
94	0	0	0.00000E+00	0.00000E+00	-11692.	0.00000E+00	0.00000E+00	0.00000E+00	
96	0	0	0.00000E+00	0.00000E+00	-2579.4	0.00000E+00	0.00000E+00	0.00000E+00	
100	0	0	0.00000E+00	0.00000E+00	-21274.	0.00000E+00	0.00000E+00	0.00000E+00	
102	0	0	0.00000E+00	0.00000E+00	-4692.0	0.00000E+00	0.00000E+00	0.00000E+00	
106	0	0	0.00000E+00	0.00000E+00	-95963.	0.00000E+00	0.00000E+00	0.00000E+00	
108	0	0	0.00000E+00	0.00000E+00	-21175.	0.00000E+00	0.00000E+00	0.00000E+00	
112	0	0	0.00000E+00	0.00000E+00	-10215.	0.00000E+00	0.00000E+00	0.00000E+00	
114	0	0	0.00000E+00	0.00000E+00	-2262.1	0.00000E+00	0.00000E+00	0.00000E+00	
2667	0	0	0.00000E+00	0.00000E+00	-9426.0	0.00000E+00	0.00000E+00	0.00000E+00	
2677	0	0	0.00000E+00	0.00000E+00	-52433.	0.00000E+00	0.00000E+00	0.00000E+00	
2687	0	0	0.00000E+00	0.00000E+00	-7794.2	0.00000E+00	0.00000E+00	0.00000E+00	
2697	0	0	0.00000E+00	0.00000E+00	-14093.	0.00000E+00	0.00000E+00	0.00000E+00	
2711	0	0	0.00000E+00	0.00000E+00	-63609.	0.00000E+00	0.00000E+00	0.00000E+00	
2721	0	0	0.00000E+00	0.00000E+00	-6716.7	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2721

L O A D C A S E 6907

LoadID=30 Line=2830 Dir=Fwd Pos=24

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
88	0	0	0.00000E+00	0.00000E+00	-56453.	0.00000E+00	0.00000E+00	0.00000E+00	
90	0	0	0.00000E+00	0.00000E+00	-12474.	0.00000E+00	0.00000E+00	0.00000E+00	
94	0	0	0.00000E+00	0.00000E+00	-70914.	0.00000E+00	0.00000E+00	0.00000E+00	
96	0	0	0.00000E+00	0.00000E+00	-15655.	0.00000E+00	0.00000E+00	0.00000E+00	
106	0	0	0.00000E+00	0.00000E+00	-59854.	0.00000E+00	0.00000E+00	0.00000E+00	
108	0	0	0.00000E+00	0.00000E+00	-13211.	0.00000E+00	0.00000E+00	0.00000E+00	
112	0	0	0.00000E+00	0.00000E+00	-67513.	0.00000E+00	0.00000E+00	0.00000E+00	
114	0	0	0.00000E+00	0.00000E+00	-14917.	0.00000E+00	0.00000E+00	0.00000E+00	
2677	0	0	0.00000E+00	0.00000E+00	-37364.	0.00000E+00	0.00000E+00	0.00000E+00	
2687	0	0	0.00000E+00	0.00000E+00	-47139.	0.00000E+00	0.00000E+00	0.00000E+00	
2711	0	0	0.00000E+00	0.00000E+00	-39804.	0.00000E+00	0.00000E+00	0.00000E+00	
2721	0	0	0.00000E+00	0.00000E+00	-44701.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 2721

L O A D C A S E 6908

LoadID=30 Line=2830 Dir=Fwd Pos=25

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
88	0	0	0.00000E+00	0.00000E+00	-4468.7	0.00000E+00	0.00000E+00	0.00000E+00	
90	0	0	0.00000E+00	0.00000E+00	-995.46	0.00000E+00	0.00000E+00	0.00000E+00	
94	0	0	0.00000E+00	0.00000E+00	-95755.	0.00000E+00	0.00000E+00	0.00000E+00	
96	0	0	0.00000E+00	0.00000E+00	-21127.	0.00000E+00	0.00000E+00	0.00000E+00	
100	0	0	0.00000E+00	0.00000E+00	-27253.	0.00000E+00	0.00000E+00	0.00000E+00	
102	0	0	0.00000E+00	0.00000E+00	-6008.9	0.00000E+00	0.00000E+00	0.00000E+00	
106	0	0	0.00000E+00	0.00000E+00	-6379.6	0.00000E+00	0.00000E+00	0.00000E+00	
108	0	0	0.00000E+00	0.00000E+00	-1403.9	0.00000E+00	0.00000E+00	0.00000E+00	
112	0	0	0.00000E+00	0.00000E+00	-81479.	0.00000E+00	0.00000E+00	0.00000E+00	
114	0	0	0.00000E+00	0.00000E+00	-18506.	0.00000E+00	0.00000E+00	0.00000E+00	
118	0	0	0.00000E+00	0.00000E+00	-33613.	0.00000E+00	0.00000E+00	0.00000E+00	
120	0	0	0.00000E+00	0.00000E+00	-6161.4	0.00000E+00	0.00000E+00	0.00000E+00	
124	0	0	0.00000E+00	0.00000E+00	-18616.	0.00000E+00	0.00000E+00	0.00000E+00	
126	0	0	0.00000E+00	0.00000E+00	-5412.3	0.00000E+00	0.00000E+00	0.00000E+00	
2677	0	0	0.00000E+00	0.00000E+00	-2893.4	0.00000E+00	0.00000E+00	0.00000E+00	
2687	0	0	0.00000E+00	0.00000E+00	-63464.	0.00000E+00	0.00000E+00	0.00000E+00	
2697	0	0	0.00000E+00	0.00000E+00	-18034.	0.00000E+00	0.00000E+00	0.00000E+00	
2711	0	0	0.00000E+00	0.00000E+00	-4279.4	0.00000E+00	0.00000E+00	0.00000E+00	
2721	0	0	0.00000E+00	0.00000E+00	-53472.	0.00000E+00	0.00000E+00	0.00000E+00	
2731	0	0	0.00000E+00	0.00000E+00	-10678.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2731

L O A D C A S E 6909

LoadID=30 Line=2830 Dir=Fwd Pos=26

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
94	0	0	0.00000E+00	0.00000E+00	-28632.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
96	0	0	0.00000E+00	0.00000E+00	-6310.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
100	0	0	0.00000E+00	0.00000E+00	-96040.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0	0	0.00000E+00	0.00000E+00	-21152.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
106	0	0	0.00000E+00	0.00000E+00	-3074.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
108	0	0	0.00000E+00	0.00000E+00	-670.07	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
112	0	0	0.00000E+00	0.00000E+00	-20862.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
114	0	0	0.00000E+00	0.00000E+00	-5601.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
118	0	0	0.00000E+00	0.00000E+00	-34297.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
120	0	0	0.00000E+00	0.00000E+00	-6182.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
124	0	0	0.00000E+00	0.00000E+00	-84777.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
126	0	0	0.00000E+00	0.00000E+00	-19578.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	0	0	0.00000E+00	0.00000E+00	-557.51	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0	0	0.00000E+00	0.00000E+00	-131.97	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2687	0	0	0.00000E+00	0.00000E+00	-18849.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2697	0	0	0.00000E+00	0.00000E+00	-63198.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2711	0	0	0.00000E+00	0.00000E+00	-2073.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2721	0	0	0.00000E+00	0.00000E+00	-12539.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2731	0	0	0.00000E+00	0.00000E+00	-55173.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2741	0	0	0.00000E+00	0.00000E+00	-300.25	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2741

L O A D C A S E 6910

LoadID=30 Line=2830 Dir=Fwd Pos=27

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
100	0	0	0.00000E+00	0.00000E+00	-74235.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0	0	0.00000E+00	0.00000E+00	-16359.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
106	0	0	0.00000E+00	0.00000E+00	-53423.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
108	0	0	0.00000E+00	0.00000E+00	-11771.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
124	0	0	0.00000E+00	0.00000E+00	-79033.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
126	0	0	0.00000E+00	0.00000E+00	-17448.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	0	0	0.00000E+00	0.00000E+00	-48335.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0	0	0.00000E+00	0.00000E+00	-10680.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2697	0	0	0.00000E+00	0.00000E+00	-48824.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2711	0	0	0.00000E+00	0.00000E+00	-35388.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2731	0	0	0.00000E+00	0.00000E+00	-52520.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2741	0	0	0.00000E+00	0.00000E+00	-31983.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 2741

L O A D C A S E 6911

LoadID=30 Line=2830 Dir=Fwd Pos=28

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
100	0	0	0.00000E+00	0.00000E+00	-13431.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
102	0	0	0.00000E+00	0.00000E+00	-2969.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
106	0	0	0.00000E+00	0.00000E+00	-95969.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
108	0	0	0.00000E+00	0.00000E+00	-21181.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
112	0	0	0.00000E+00	0.00000E+00	-18020.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
114	0	0	0.00000E+00	0.00000E+00	-3978.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
124	0	0	0.00000E+00	0.00000E+00	-15899.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
126	0	0	0.00000E+00	0.00000E+00	-3509.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	0	0	0.00000E+00	0.00000E+00	-95968.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0	0	0.00000E+00	0.00000E+00	-21191.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	0	0	0.00000E+00	0.00000E+00	-15501.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	0	0	0.00000E+00	0.00000E+00	-3427.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2697	0	0	0.00000E+00	0.00000E+00	-8835.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2711	0	0	0.00000E+00	0.00000E+00	-63631.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2721	0	0	0.00000E+00	0.00000E+00	-11985.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2731	0	0	0.00000E+00	0.00000E+00	-10583.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2741	0	0	0.00000E+00	0.00000E+00	-63692.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2751	0	0	0.00000E+00	0.00000E+00	-10230.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 18
 LARGEST NODE OR ELEMENT NUMBER = 2751

L O A D C A S E 6912

LoadID=30 Line=2830 Dir=Fwd Pos=29

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
106	0	0	0.00000E+00	0.00000E+00	-44239.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
108	0	0	0.00000E+00	0.00000E+00	-9774.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
112	0	0	0.00000E+00	0.00000E+00	-83130.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
114	0	0	0.00000E+00	0.00000E+00	-18355.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	0	0	0.00000E+00	0.00000E+00	-49451.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0	0	0.00000E+00	0.00000E+00	-10914.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	0	0	0.00000E+00	0.00000E+00	-77917.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	0	0	0.00000E+00	0.00000E+00	-17215.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2711	0	0	0.00000E+00	0.00000E+00	-29275.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2721	0	0	0.00000E+00	0.00000E+00	-55227.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2741	0	0	0.00000E+00	0.00000E+00	-32898.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2751	0	0	0.00000E+00	0.00000E+00	-51605.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 2751

L O A D C A S E 6913

LoadID=30 Line=2830 Dir=Fwd Pos=30

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
112	0	0	0.00000E+00	0.00000E+00	-54642.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
114	0	0	0.00000E+00	0.00000E+00	-12301.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
118	0	0	0.00000E+00	0.00000E+00	-56135.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
120	0	0	0.00000E+00	0.00000E+00	-12380.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
124	0	0	0.00000E+00	0.00000E+00	-34089.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
126	0	0	0.00000E+00	0.00000E+00	-10670.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	0	0	0.00000E+00	0.00000E+00	-1262.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0	0	0.00000E+00	0.00000E+00	-272.82	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	0	0	0.00000E+00	0.00000E+00	-95795.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	0	0	0.00000E+00	0.00000E+00	-21165.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
142	0	0	0.00000E+00	0.00000E+00	-30314.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
144	0	0	0.00000E+00	0.00000E+00	-6694.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2721	0	0	0.00000E+00	0.00000E+00	-40773.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2731	0	0	0.00000E+00	0.00000E+00	-19010.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2741	0	0	0.00000E+00	0.00000E+00	-885.44	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2751	0	0	0.00000E+00	0.00000E+00	-63534.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2761	0	0	0.00000E+00	0.00000E+00	-20078.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 17
 LARGEST NODE OR ELEMENT NUMBER = 2761

L O A D C A S E 6914

LoadID=30 Line=2830 Dir=Fwd Pos=31

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
112	0	0	0.00000E+00	0.00000E+00	-18180.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
114	0	0	0.00000E+00	0.00000E+00	-5468.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
118	0	0	0.00000E+00	0.00000E+00	-31938.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
120	0	0	0.00000E+00	0.00000E+00	-6247.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
124	0	0	0.00000E+00	0.00000E+00	-80738.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
126	0	0	0.00000E+00	0.00000E+00	-18245.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
130	0	0	0.00000E+00	0.00000E+00	-8379.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
132	0	0	0.00000E+00	0.00000E+00	-1846.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
136	0	0	0.00000E+00	0.00000E+00	-25477.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
138	0	0	0.00000E+00	0.00000E+00	-5626.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
142	0	0	0.00000E+00	0.00000E+00	-95772.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
144	0	0	0.00000E+00	0.00000E+00	-21144.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
148	0	0	0.00000E+00	0.00000E+00	-6120.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
150	0	0	0.00000E+00	0.00000E+00	-1359.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2721	0	0	0.00000E+00	0.00000E+00	-10201.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2731	0	0	0.00000E+00	0.00000E+00	-53156.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2741	0	0	0.00000E+00	0.00000E+00	-5599.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2751	0	0	0.00000E+00	0.00000E+00	-16927.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2761	0	0	0.00000E+00	0.00000E+00	-63577.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2771	0	0	0.00000E+00	0.00000E+00	-3996.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2771

L O A D C A S E 6915

LoadID=30 Line=2830 Dir=Fwd Pos=32

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
124	0	0	0.00000E+00	0.00000E+00	-63369.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
126	0	0	0.00000E+00	0.00000E+00	-14000.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
130	0	0	0.00000E+00	0.00000E+00	-63999.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
132	0	0	0.00000E+00	0.00000E+00	-14128.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
142	0	0	0.00000E+00	0.00000E+00	-67856.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
144	0	0	0.00000E+00	0.00000E+00	-14979.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
148	0	0	0.00000E+00	0.00000E+00	-59511.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
150	0	0	0.00000E+00	0.00000E+00	-13148.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2731	0	0	0.00000E+00	0.00000E+00	-41960.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2741	0	0	0.00000E+00	0.00000E+00	-42545.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2761	0	0	0.00000E+00	0.00000E+00	-45106.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2771	0	0	0.00000E+00	0.00000E+00	-39399.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 2771

L O A D C A S E 6916

LoadID=30 Line=2830 Dir=Fwd Pos=33

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
124	0	0	0.00000E+00	0.00000E+00	-8070.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
126	0	0	0.00000E+00	0.00000E+00	-1788.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
130	0	0	0.00000E+00	0.00000E+00	-96016.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
132	0	0	0.00000E+00	0.00000E+00	-21198.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
136	0	0	0.00000E+00	0.00000E+00	-23282.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
138	0	0	0.00000E+00	0.00000E+00	-5141.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
142	0	0	0.00000E+00	0.00000E+00	-10287.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
144	0	0	0.00000E+00	0.00000E+00	-2268.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
148	0	0	0.00000E+00	0.00000E+00	-79818.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
150	0	0	0.00000E+00	0.00000E+00	-17915.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
154	0	0	0.00000E+00	0.00000E+00	-31012.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
156	0	0	0.00000E+00	0.00000E+00	-6267.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
160	0	0	0.00000E+00	0.00000E+00	-17583.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
162	0	0	0.00000E+00	0.00000E+00	-5442.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2731	0	0	0.00000E+00	0.00000E+00	-5294.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2741	0	0	0.00000E+00	0.00000E+00	-63737.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2751	0	0	0.00000E+00	0.00000E+00	-15471.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2761	0	0	0.00000E+00	0.00000E+00	-6862.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2771	0	0	0.00000E+00	0.00000E+00	-52850.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2781	0	0	0.00000E+00	0.00000E+00	-9693.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2781

L O A D C A S E 6917

LoadID=30 Line=2830 Dir=Fwd Pos=34

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
130	0	0	0.00000E+00	0.00000E+00	-33893.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
132	0	0	0.00000E+00	0.00000E+00	-7490.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
136	0	0	0.00000E+00	0.00000E+00	-93478.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
138	0	0	0.00000E+00	0.00000E+00	-20641.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
148	0	0	0.00000E+00	0.00000E+00	-35217.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
150	0	0	0.00000E+00	0.00000E+00	-10760.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
154	0	0	0.00000E+00	0.00000E+00	-56572.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
156	0	0	0.00000E+00	0.00000E+00	-12386.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
160	0	0	0.00000E+00	0.00000E+00	-53471.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
162	0	0	0.00000E+00	0.00000E+00	-12182.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2741	0	0	0.00000E+00	0.00000E+00	-22406.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2751	0	0	0.00000E+00	0.00000E+00	-62091.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2771	0	0	0.00000E+00	0.00000E+00	-19932.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	
2781	0	0	0.00000E+00	0.00000E+00	-39480.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14

LARGEST NODE OR ELEMENT NUMBER = 2781

LOAD CASE 6918

LoadID=30 Line=2830 Dir=Fwd Pos=35

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
136	0	0	0.00000E+00	0.00000E+00	-82618.	0.00000E+00	0.00000E+00	0.00000E+00		
138	0	0	0.00000E+00	0.00000E+00	-18253.	0.00000E+00	0.00000E+00	0.00000E+00		
142	0	0	0.00000E+00	0.00000E+00	-44751.	0.00000E+00	0.00000E+00	0.00000E+00		
144	0	0	0.00000E+00	0.00000E+00	-9876.1	0.00000E+00	0.00000E+00	0.00000E+00		
160	0	0	0.00000E+00	0.00000E+00	-87000.	0.00000E+00	0.00000E+00	0.00000E+00		
162	0	0	0.00000E+00	0.00000E+00	-19208.	0.00000E+00	0.00000E+00	0.00000E+00		
166	0	0	0.00000E+00	0.00000E+00	-40370.	0.00000E+00	0.00000E+00	0.00000E+00		
168	0	0	0.00000E+00	0.00000E+00	-8922.0	0.00000E+00	0.00000E+00	0.00000E+00		
2751	0	0	0.00000E+00	0.00000E+00	-54722.	0.00000E+00	0.00000E+00	0.00000E+00		
2761	0	0	0.00000E+00	0.00000E+00	-29779.	0.00000E+00	0.00000E+00	0.00000E+00		
2781	0	0	0.00000E+00	0.00000E+00	-57809.	0.00000E+00	0.00000E+00	0.00000E+00		
2791	0	0	0.00000E+00	0.00000E+00	-26692.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 2791

LOAD CASE 6919

LoadID=30 Line=2830 Dir=Fwd Pos=36

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
136	0	0	0.00000E+00	0.00000E+00	-17617.	0.00000E+00	0.00000E+00	0.00000E+00		
138	0	0	0.00000E+00	0.00000E+00	-3894.2	0.00000E+00	0.00000E+00	0.00000E+00		
142	0	0	0.00000E+00	0.00000E+00	-95797.	0.00000E+00	0.00000E+00	0.00000E+00		
144	0	0	0.00000E+00	0.00000E+00	-21154.	0.00000E+00	0.00000E+00	0.00000E+00		
148	0	0	0.00000E+00	0.00000E+00	-13954.	0.00000E+00	0.00000E+00	0.00000E+00		
150	0	0	0.00000E+00	0.00000E+00	-3079.4	0.00000E+00	0.00000E+00	0.00000E+00		
160	0	0	0.00000E+00	0.00000E+00	-19930.	0.00000E+00	0.00000E+00	0.00000E+00		
162	0	0	0.00000E+00	0.00000E+00	-4400.1	0.00000E+00	0.00000E+00	0.00000E+00		
166	0	0	0.00000E+00	0.00000E+00	-95919.	0.00000E+00	0.00000E+00	0.00000E+00		
168	0	0	0.00000E+00	0.00000E+00	-21178.	0.00000E+00	0.00000E+00	0.00000E+00		
172	0	0	0.00000E+00	0.00000E+00	-11519.	0.00000E+00	0.00000E+00	0.00000E+00		
174	0	0	0.00000E+00	0.00000E+00	-2549.7	0.00000E+00	0.00000E+00	0.00000E+00		
2751	0	0	0.00000E+00	0.00000E+00	-11637.	0.00000E+00	0.00000E+00	0.00000E+00		
2761	0	0	0.00000E+00	0.00000E+00	-63574.	0.00000E+00	0.00000E+00	0.00000E+00		
2771	0	0	0.00000E+00	0.00000E+00	-9293.1	0.00000E+00	0.00000E+00	0.00000E+00		
2781	0	0	0.00000E+00	0.00000E+00	-13255.	0.00000E+00	0.00000E+00	0.00000E+00		
2791	0	0	0.00000E+00	0.00000E+00	-63666.	0.00000E+00	0.00000E+00	0.00000E+00		
2801	0	0	0.00000E+00	0.00000E+00	-7582.4	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 18
LARGEST NODE OR ELEMENT NUMBER = 2801

LOAD CASE 6920

LoadID=30 Line=2830 Dir=Fwd Pos=37

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
142	0	0	0.00000E+00	0.00000E+00	-52178.	0.00000E+00	0.00000E+00	0.00000E+00		
144	0	0	0.00000E+00	0.00000E+00	-11529.	0.00000E+00	0.00000E+00	0.00000E+00		
148	0	0	0.00000E+00	0.00000E+00	-75190.	0.00000E+00	0.00000E+00	0.00000E+00		
150	0	0	0.00000E+00	0.00000E+00	-16600.	0.00000E+00	0.00000E+00	0.00000E+00		
166	0	0	0.00000E+00	0.00000E+00	-57180.	0.00000E+00	0.00000E+00	0.00000E+00		
168	0	0	0.00000E+00	0.00000E+00	-12621.	0.00000E+00	0.00000E+00	0.00000E+00		
172	0	0	0.00000E+00	0.00000E+00	-70188.	0.00000E+00	0.00000E+00	0.00000E+00		
174	0	0	0.00000E+00	0.00000E+00	-15507.	0.00000E+00	0.00000E+00	0.00000E+00		
2761	0	0	0.00000E+00	0.00000E+00	-34534.	0.00000E+00	0.00000E+00	0.00000E+00		
2771	0	0	0.00000E+00	0.00000E+00	-49970.	0.00000E+00	0.00000E+00	0.00000E+00		
2791	0	0	0.00000E+00	0.00000E+00	-38028.	0.00000E+00	0.00000E+00	0.00000E+00		
2801	0	0	0.00000E+00	0.00000E+00	-46477.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 2801

L O A D C A S E 6924

LoadID=30 Line=2830 Dir=Fwd Pos=41

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
160	0	0	0.00000E+00	0.00000E+00	-12115.	0.00000E+00	0.00000E+00	0.00000E+00		
162	0	0	0.00000E+00	0.00000E+00	-2680.6	0.00000E+00	0.00000E+00	0.00000E+00		
166	0	0	0.00000E+00	0.00000E+00	-95917.	0.00000E+00	0.00000E+00	0.00000E+00		
168	0	0	0.00000E+00	0.00000E+00	-21178.	0.00000E+00	0.00000E+00	0.00000E+00		
172	0	0	0.00000E+00	0.00000E+00	-19336.	0.00000E+00	0.00000E+00	0.00000E+00		
174	0	0	0.00000E+00	0.00000E+00	-4269.4	0.00000E+00	0.00000E+00	0.00000E+00		
178	0	0	0.00000E+00	0.00000E+00	-14540.	0.00000E+00	0.00000E+00	0.00000E+00		
180	0	0	0.00000E+00	0.00000E+00	-3206.0	0.00000E+00	0.00000E+00	0.00000E+00		
184	0	0	0.00000E+00	0.00000E+00	-77190.	0.00000E+00	0.00000E+00	0.00000E+00		
186	0	0	0.00000E+00	0.00000E+00	-17011.	0.00000E+00	0.00000E+00	0.00000E+00		
190	0	0	0.00000E+00	0.00000E+00	-29963.	0.00000E+00	0.00000E+00	0.00000E+00		
192	0	0	0.00000E+00	0.00000E+00	-6197.0	0.00000E+00	0.00000E+00	0.00000E+00		
196	0	0	0.00000E+00	0.00000E+00	-16131.	0.00000E+00	0.00000E+00	0.00000E+00		
198	0	0	0.00000E+00	0.00000E+00	-5263.1	0.00000E+00	0.00000E+00	0.00000E+00		
2781	0	0	0.00000E+00	0.00000E+00	-7982.8	0.00000E+00	0.00000E+00	0.00000E+00		
2791	0	0	0.00000E+00	0.00000E+00	-63665.	0.00000E+00	0.00000E+00	0.00000E+00		
2801	0	0	0.00000E+00	0.00000E+00	-12857.	0.00000E+00	0.00000E+00	0.00000E+00		
2811	0	0	0.00000E+00	0.00000E+00	-9702.2	0.00000E+00	0.00000E+00	0.00000E+00		
2821	0	0	0.00000E+00	0.00000E+00	-52165.	0.00000E+00	0.00000E+00	0.00000E+00		
2831	0	0	0.00000E+00	0.00000E+00	-8631.7	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2831

L O A D C A S E 6925

LoadID=30 Line=2830 Dir=Fwd Pos=42

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
166	0	0	0.00000E+00	0.00000E+00	-41543.	0.00000E+00	0.00000E+00	0.00000E+00		
168	0	0	0.00000E+00	0.00000E+00	-9179.4	0.00000E+00	0.00000E+00	0.00000E+00		
172	0	0	0.00000E+00	0.00000E+00	-85827.	0.00000E+00	0.00000E+00	0.00000E+00		
174	0	0	0.00000E+00	0.00000E+00	-18950.	0.00000E+00	0.00000E+00	0.00000E+00		
184	0	0	0.00000E+00	0.00000E+00	-37910.	0.00000E+00	0.00000E+00	0.00000E+00		
186	0	0	0.00000E+00	0.00000E+00	-10999.	0.00000E+00	0.00000E+00	0.00000E+00		
190	0	0	0.00000E+00	0.00000E+00	-56704.	0.00000E+00	0.00000E+00	0.00000E+00		
192	0	0	0.00000E+00	0.00000E+00	-12374.	0.00000E+00	0.00000E+00	0.00000E+00		
196	0	0	0.00000E+00	0.00000E+00	-51260.	0.00000E+00	0.00000E+00	0.00000E+00		
198	0	0	0.00000E+00	0.00000E+00	-12008.	0.00000E+00	0.00000E+00	0.00000E+00		
2791	0	0	0.00000E+00	0.00000E+00	-27483.	0.00000E+00	0.00000E+00	0.00000E+00		
2801	0	0	0.00000E+00	0.00000E+00	-57018.	0.00000E+00	0.00000E+00	0.00000E+00		
2821	0	0	0.00000E+00	0.00000E+00	-22256.	0.00000E+00	0.00000E+00	0.00000E+00		
2831	0	0	0.00000E+00	0.00000E+00	-36488.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 2831

L O A D C A S E 6926

LoadID=30 Line=2830 Dir=Fwd Pos=43

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
172	0	0	0.00000E+00	0.00000E+00	-90417.	0.00000E+00	0.00000E+00	0.00000E+00		
174	0	0	0.00000E+00	0.00000E+00	-19974.	0.00000E+00	0.00000E+00	0.00000E+00		
178	0	0	0.00000E+00	0.00000E+00	-36954.	0.00000E+00	0.00000E+00	0.00000E+00		
180	0	0	0.00000E+00	0.00000E+00	-8156.1	0.00000E+00	0.00000E+00	0.00000E+00		
196	0	0	0.00000E+00	0.00000E+00	-94673.	0.00000E+00	0.00000E+00	0.00000E+00		
198	0	0	0.00000E+00	0.00000E+00	-20904.	0.00000E+00	0.00000E+00	0.00000E+00		
202	0	0	0.00000E+00	0.00000E+00	-32698.	0.00000E+00	0.00000E+00	0.00000E+00		
204	0	0	0.00000E+00	0.00000E+00	-7227.6	0.00000E+00	0.00000E+00	0.00000E+00		
2801	0	0	0.00000E+00	0.00000E+00	-59910.	0.00000E+00	0.00000E+00	0.00000E+00		
2811	0	0	0.00000E+00	0.00000E+00	-24589.	0.00000E+00	0.00000E+00	0.00000E+00		
2831	0	0	0.00000E+00	0.00000E+00	-62893.	0.00000E+00	0.00000E+00	0.00000E+00		
2841	0	0	0.00000E+00	0.00000E+00	-21603.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 2841

L O A D C A S E 6927

LoadID=30 Line=2830 Dir=Fwd Pos=44

FIRST NODE	CONCENTRATED LOAD			FORCE		FORCE		FORCE		FORCE	
	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ			
172	0	0	0.00000E+00	0.00000E+00	-21694.	0.00000E+00	0.00000E+00	0.00000E+00			
174	0	0	0.00000E+00	0.00000E+00	-4791.1	0.00000E+00	0.00000E+00	0.00000E+00			
178	0	0	0.00000E+00	0.00000E+00	-95962.	0.00000E+00	0.00000E+00	0.00000E+00			
180	0	0	0.00000E+00	0.00000E+00	-21193.	0.00000E+00	0.00000E+00	0.00000E+00			
184	0	0	0.00000E+00	0.00000E+00	-9712.3	0.00000E+00	0.00000E+00	0.00000E+00			
186	0	0	0.00000E+00	0.00000E+00	-2144.5	0.00000E+00	0.00000E+00	0.00000E+00			
196	0	0	0.00000E+00	0.00000E+00	-23873.	0.00000E+00	0.00000E+00	0.00000E+00			
198	0	0	0.00000E+00	0.00000E+00	-5270.7	0.00000E+00	0.00000E+00	0.00000E+00			
202	0	0	0.00000E+00	0.00000E+00	-96015.	0.00000E+00	0.00000E+00	0.00000E+00			
204	0	0	0.00000E+00	0.00000E+00	-21197.	0.00000E+00	0.00000E+00	0.00000E+00			
208	0	0	0.00000E+00	0.00000E+00	-7481.2	0.00000E+00	0.00000E+00	0.00000E+00			
210	0	0	0.00000E+00	0.00000E+00	-1661.1	0.00000E+00	0.00000E+00	0.00000E+00			
2801	0	0	0.00000E+00	0.00000E+00	-14365.	0.00000E+00	0.00000E+00	0.00000E+00			
2811	0	0	0.00000E+00	0.00000E+00	-63679.	0.00000E+00	0.00000E+00	0.00000E+00			
2821	0	0	0.00000E+00	0.00000E+00	-6459.2	0.00000E+00	0.00000E+00	0.00000E+00			
2831	0	0	0.00000E+00	0.00000E+00	-15875.	0.00000E+00	0.00000E+00	0.00000E+00			
2841	0	0	0.00000E+00	0.00000E+00	-63742.	0.00000E+00	0.00000E+00	0.00000E+00			
2851	0	0	0.00000E+00	0.00000E+00	-4885.5	0.00000E+00	0.00000E+00	0.00000E+00			

NUMBER OF LOADED NODES OR ELEMENTS = 18
LARGEST NODE OR ELEMENT NUMBER = 2851

L O A D C A S E 6928

LoadID=30 Line=2830 Dir=Fwd Pos=45

FIRST NODE	CONCENTRATED LOAD			FORCE		FORCE		FORCE		FORCE	
	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ			
178	0	0	0.00000E+00	0.00000E+00	-60672.	0.00000E+00	0.00000E+00	0.00000E+00			
180	0	0	0.00000E+00	0.00000E+00	-13399.	0.00000E+00	0.00000E+00	0.00000E+00			
184	0	0	0.00000E+00	0.00000E+00	-66695.	0.00000E+00	0.00000E+00	0.00000E+00			
186	0	0	0.00000E+00	0.00000E+00	-14729.	0.00000E+00	0.00000E+00	0.00000E+00			
202	0	0	0.00000E+00	0.00000E+00	-65193.	0.00000E+00	0.00000E+00	0.00000E+00			
204	0	0	0.00000E+00	0.00000E+00	-14389.	0.00000E+00	0.00000E+00	0.00000E+00			
208	0	0	0.00000E+00	0.00000E+00	-62175.	0.00000E+00	0.00000E+00	0.00000E+00			
210	0	0	0.00000E+00	0.00000E+00	-13739.	0.00000E+00	0.00000E+00	0.00000E+00			
2811	0	0	0.00000E+00	0.00000E+00	-40214.	0.00000E+00	0.00000E+00	0.00000E+00			
2821	0	0	0.00000E+00	0.00000E+00	-44291.	0.00000E+00	0.00000E+00	0.00000E+00			
2841	0	0	0.00000E+00	0.00000E+00	-43357.	0.00000E+00	0.00000E+00	0.00000E+00			
2851	0	0	0.00000E+00	0.00000E+00	-41148.	0.00000E+00	0.00000E+00	0.00000E+00			

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 2851

L O A D C A S E 6929

LoadID=30 Line=2830 Dir=Fwd Pos=46

FIRST NODE	CONCENTRATED LOAD			FORCE		FORCE		FORCE		FORCE	
	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ			
178	0	0	0.00000E+00	0.00000E+00	-6707.5	0.00000E+00	0.00000E+00	0.00000E+00			
180	0	0	0.00000E+00	0.00000E+00	-1485.8	0.00000E+00	0.00000E+00	0.00000E+00			
184	0	0	0.00000E+00	0.00000E+00	-81189.	0.00000E+00	0.00000E+00	0.00000E+00			
186	0	0	0.00000E+00	0.00000E+00	-18392.	0.00000E+00	0.00000E+00	0.00000E+00			
190	0	0	0.00000E+00	0.00000E+00	-33448.	0.00000E+00	0.00000E+00	0.00000E+00			
192	0	0	0.00000E+00	0.00000E+00	-6168.3	0.00000E+00	0.00000E+00	0.00000E+00			
196	0	0	0.00000E+00	0.00000E+00	-18633.	0.00000E+00	0.00000E+00	0.00000E+00			
198	0	0	0.00000E+00	0.00000E+00	-5420.3	0.00000E+00	0.00000E+00	0.00000E+00			
202	0	0	0.00000E+00	0.00000E+00	-8983.6	0.00000E+00	0.00000E+00	0.00000E+00			
204	0	0	0.00000E+00	0.00000E+00	-1980.1	0.00000E+00	0.00000E+00	0.00000E+00			
208	0	0	0.00000E+00	0.00000E+00	-95949.	0.00000E+00	0.00000E+00	0.00000E+00			
210	0	0	0.00000E+00	0.00000E+00	-21191.	0.00000E+00	0.00000E+00	0.00000E+00			
214	0	0	0.00000E+00	0.00000E+00	-22436.	0.00000E+00	0.00000E+00	0.00000E+00			
216	0	0	0.00000E+00	0.00000E+00	-4957.4	0.00000E+00	0.00000E+00	0.00000E+00			
2811	0	0	0.00000E+00	0.00000E+00	-4407.9	0.00000E+00	0.00000E+00	0.00000E+00			
2821	0	0	0.00000E+00	0.00000E+00	-53448.	0.00000E+00	0.00000E+00	0.00000E+00			
2831	0	0	0.00000E+00	0.00000E+00	-10700.	0.00000E+00	0.00000E+00	0.00000E+00			
2841	0	0	0.00000E+00	0.00000E+00	-6002.1	0.00000E+00	0.00000E+00	0.00000E+00			
2851	0	0	0.00000E+00	0.00000E+00	-63664.	0.00000E+00	0.00000E+00	0.00000E+00			
2861	0	0	0.00000E+00	0.00000E+00	-14837.	0.00000E+00	0.00000E+00	0.00000E+00			

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2861

L O A D C A S E 6930

LoadID=30 Line=2830 Dir=Fwd Pos=47

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
184	0	0	0.00000E+00	0.00000E+00	-20895.	0.00000E+00	0.00000E+00	0.00000E+00		
186	0	0	0.00000E+00	0.00000E+00	-5586.6	0.00000E+00	0.00000E+00	0.00000E+00		
190	0	0	0.00000E+00	0.00000E+00	-34255.	0.00000E+00	0.00000E+00	0.00000E+00		
192	0	0	0.00000E+00	0.00000E+00	-6153.3	0.00000E+00	0.00000E+00	0.00000E+00		
196	0	0	0.00000E+00	0.00000E+00	-84709.	0.00000E+00	0.00000E+00	0.00000E+00		
198	0	0	0.00000E+00	0.00000E+00	-19594.	0.00000E+00	0.00000E+00	0.00000E+00		
202	0	0	0.00000E+00	0.00000E+00	-660.13	0.00000E+00	0.00000E+00	0.00000E+00		
204	0	0	0.00000E+00	0.00000E+00	-139.63	0.00000E+00	0.00000E+00	0.00000E+00		
208	0	0	0.00000E+00	0.00000E+00	-35414.	0.00000E+00	0.00000E+00	0.00000E+00		
210	0	0	0.00000E+00	0.00000E+00	-7811.5	0.00000E+00	0.00000E+00	0.00000E+00		
214	0	0	0.00000E+00	0.00000E+00	-91957.	0.00000E+00	0.00000E+00	0.00000E+00		
216	0	0	0.00000E+00	0.00000E+00	-20319.	0.00000E+00	0.00000E+00	0.00000E+00		
2821	0	0	0.00000E+00	0.00000E+00	-12564.	0.00000E+00	0.00000E+00	0.00000E+00		
2831	0	0	0.00000E+00	0.00000E+00	-54958.	0.00000E+00	0.00000E+00	0.00000E+00		
2841	0	0	0.00000E+00	0.00000E+00	-486.42	0.00000E+00	0.00000E+00	0.00000E+00		
2851	0	0	0.00000E+00	0.00000E+00	-23603.	0.00000E+00	0.00000E+00	0.00000E+00		
2861	0	0	0.00000E+00	0.00000E+00	-60895.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 17
 LARGEST NODE OR ELEMENT NUMBER = 2861

L O A D C A S E 6931

LoadID=30 Line=2830 Dir=Fwd Pos=48

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
196	0	0	0.00000E+00	0.00000E+00	-79108.	0.00000E+00	0.00000E+00	0.00000E+00		
198	0	0	0.00000E+00	0.00000E+00	-17476.	0.00000E+00	0.00000E+00	0.00000E+00		
202	0	0	0.00000E+00	0.00000E+00	-48260.	0.00000E+00	0.00000E+00	0.00000E+00		
204	0	0	0.00000E+00	0.00000E+00	-10653.	0.00000E+00	0.00000E+00	0.00000E+00		
214	0	0	0.00000E+00	0.00000E+00	-84313.	0.00000E+00	0.00000E+00	0.00000E+00		
216	0	0	0.00000E+00	0.00000E+00	-18613.	0.00000E+00	0.00000E+00	0.00000E+00		
220	0	0	0.00000E+00	0.00000E+00	-43056.	0.00000E+00	0.00000E+00	0.00000E+00		
222	0	0	0.00000E+00	0.00000E+00	-9516.2	0.00000E+00	0.00000E+00	0.00000E+00		
952	0	0	0.00000E+00	0.00000E+00	-28466.	0.00000E+00	0.00000E+00	0.00000E+00		
2831	0	0	0.00000E+00	0.00000E+00	-52410.	0.00000E+00	0.00000E+00	0.00000E+00		
2841	0	0	0.00000E+00	0.00000E+00	-32094.	0.00000E+00	0.00000E+00	0.00000E+00		
2861	0	0	0.00000E+00	0.00000E+00	-56035.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 2861

L O A D C A S E 6932

LoadID=30 Line=2830 Dir=Fwd Pos=49

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
196	0	0	0.00000E+00	0.00000E+00	-16089.	0.00000E+00	0.00000E+00	0.00000E+00		
198	0	0	0.00000E+00	0.00000E+00	-3555.6	0.00000E+00	0.00000E+00	0.00000E+00		
202	0	0	0.00000E+00	0.00000E+00	-95972.	0.00000E+00	0.00000E+00	0.00000E+00		
204	0	0	0.00000E+00	0.00000E+00	-21192.	0.00000E+00	0.00000E+00	0.00000E+00		
208	0	0	0.00000E+00	0.00000E+00	-15306.	0.00000E+00	0.00000E+00	0.00000E+00		
210	0	0	0.00000E+00	0.00000E+00	-3380.0	0.00000E+00	0.00000E+00	0.00000E+00		
214	0	0	0.00000E+00	0.00000E+00	-18619.	0.00000E+00	0.00000E+00	0.00000E+00		
216	0	0	0.00000E+00	0.00000E+00	-4110.2	0.00000E+00	0.00000E+00	0.00000E+00		
220	0	0	0.00000E+00	0.00000E+00	-75545.	0.00000E+00	0.00000E+00	0.00000E+00		
222	0	0	0.00000E+00	0.00000E+00	-16391.	0.00000E+00	0.00000E+00	0.00000E+00		
226	0	0	0.00000E+00	0.00000E+00	-26336.	0.00000E+00	0.00000E+00	0.00000E+00		
228	0	0	0.00000E+00	0.00000E+00	-6259.0	0.00000E+00	0.00000E+00	0.00000E+00		
232	0	0	0.00000E+00	0.00000E+00	-15136.	0.00000E+00	0.00000E+00	0.00000E+00		
234	0	0	0.00000E+00	0.00000E+00	-5288.0	0.00000E+00	0.00000E+00	0.00000E+00		
952	0	0	0.00000E+00	0.00000E+00	-52200.	0.00000E+00	0.00000E+00	0.00000E+00		
953	0	0	0.00000E+00	0.00000E+00	-7727.7	0.00000E+00	0.00000E+00	0.00000E+00		
2831	0	0	0.00000E+00	0.00000E+00	-10635.	0.00000E+00	0.00000E+00	0.00000E+00		
2841	0	0	0.00000E+00	0.00000E+00	-63694.	0.00000E+00	0.00000E+00	0.00000E+00		
2851	0	0	0.00000E+00	0.00000E+00	-10176.	0.00000E+00	0.00000E+00	0.00000E+00		
2861	0	0	0.00000E+00	0.00000E+00	-12387.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2861

L O A D C A S E 6933

LoadID=30 Line=2830 Dir=Fwd Pos=50

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
202	0	0	0.00000E+00	0.00000E+00	-49534.	0.00000E+00	0.00000E+00	0.00000E+00		
204	0	0	0.00000E+00	0.00000E+00	-10943.	0.00000E+00	0.00000E+00	0.00000E+00		
208	0	0	0.00000E+00	0.00000E+00	-77835.	0.00000E+00	0.00000E+00	0.00000E+00		
210	0	0	0.00000E+00	0.00000E+00	-17186.	0.00000E+00	0.00000E+00	0.00000E+00		
220	0	0	0.00000E+00	0.00000E+00	-41181.	0.00000E+00	0.00000E+00	0.00000E+00		
222	0	0	0.00000E+00	0.00000E+00	-11267.	0.00000E+00	0.00000E+00	0.00000E+00		
226	0	0	0.00000E+00	0.00000E+00	-57638.	0.00000E+00	0.00000E+00	0.00000E+00		
228	0	0	0.00000E+00	0.00000E+00	-12470.	0.00000E+00	0.00000E+00	0.00000E+00		
232	0	0	0.00000E+00	0.00000E+00	-48054.	0.00000E+00	0.00000E+00	0.00000E+00		
234	0	0	0.00000E+00	0.00000E+00	-11771.	0.00000E+00	0.00000E+00	0.00000E+00		
952	0	0	0.00000E+00	0.00000E+00	-25134.	0.00000E+00	0.00000E+00	0.00000E+00		
953	0	0	0.00000E+00	0.00000E+00	-32486.	0.00000E+00	0.00000E+00	0.00000E+00		
2841	0	0	0.00000E+00	0.00000E+00	-32793.	0.00000E+00	0.00000E+00	0.00000E+00		
2851	0	0	0.00000E+00	0.00000E+00	-51710.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 2851

L O A D C A S E 6934

LoadID=30 Line=2830 Dir=Fwd Pos=51

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
202	0	0	0.00000E+00	0.00000E+00	-1163.2	0.00000E+00	0.00000E+00	0.00000E+00		
204	0	0	0.00000E+00	0.00000E+00	-265.54	0.00000E+00	0.00000E+00	0.00000E+00		
208	0	0	0.00000E+00	0.00000E+00	-95959.	0.00000E+00	0.00000E+00	0.00000E+00		
210	0	0	0.00000E+00	0.00000E+00	-21183.	0.00000E+00	0.00000E+00	0.00000E+00		
214	0	0	0.00000E+00	0.00000E+00	-30249.	0.00000E+00	0.00000E+00	0.00000E+00		
216	0	0	0.00000E+00	0.00000E+00	-6682.7	0.00000E+00	0.00000E+00	0.00000E+00		
220	0	0	0.00000E+00	0.00000E+00	-12801.	0.00000E+00	0.00000E+00	0.00000E+00		
222	0	0	0.00000E+00	0.00000E+00	-5037.9	0.00000E+00	0.00000E+00	0.00000E+00		
226	0	0	0.00000E+00	0.00000E+00	-22701.	0.00000E+00	0.00000E+00	0.00000E+00		
228	0	0	0.00000E+00	0.00000E+00	-6195.0	0.00000E+00	0.00000E+00	0.00000E+00		
232	0	0	0.00000E+00	0.00000E+00	-69201.	0.00000E+00	0.00000E+00	0.00000E+00		
234	0	0	0.00000E+00	0.00000E+00	-14541.	0.00000E+00	0.00000E+00	0.00000E+00		
238	0	0	0.00000E+00	0.00000E+00	-27673.	0.00000E+00	0.00000E+00	0.00000E+00		
240	0	0	0.00000E+00	0.00000E+00	-6112.1	0.00000E+00	0.00000E+00	0.00000E+00		
952	0	0	0.00000E+00	0.00000E+00	-6050.4	0.00000E+00	0.00000E+00	0.00000E+00		
953	0	0	0.00000E+00	0.00000E+00	-51371.	0.00000E+00	0.00000E+00	0.00000E+00		
963	0	0	0.00000E+00	0.00000E+00	-18318.	0.00000E+00	0.00000E+00	0.00000E+00		
2841	0	0	0.00000E+00	0.00000E+00	-702.95	0.00000E+00	0.00000E+00	0.00000E+00		
2851	0	0	0.00000E+00	0.00000E+00	-63711.	0.00000E+00	0.00000E+00	0.00000E+00		
2861	0	0	0.00000E+00	0.00000E+00	-20083.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 2861

L O A D C A S E 6935

LoadID=30 Line=2830 Dir=Fwd Pos=52

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
208	0	0	0.00000E+00	0.00000E+00	-25597.	0.00000E+00	0.00000E+00	0.00000E+00		
210	0	0	0.00000E+00	0.00000E+00	-5652.6	0.00000E+00	0.00000E+00	0.00000E+00		
214	0	0	0.00000E+00	0.00000E+00	-95980.	0.00000E+00	0.00000E+00	0.00000E+00		
216	0	0	0.00000E+00	0.00000E+00	-21201.	0.00000E+00	0.00000E+00	0.00000E+00		
220	0	0	0.00000E+00	0.00000E+00	-5792.4	0.00000E+00	0.00000E+00	0.00000E+00		
222	0	0	0.00000E+00	0.00000E+00	-1276.2	0.00000E+00	0.00000E+00	0.00000E+00		
232	0	0	0.00000E+00	0.00000E+00	-28195.	0.00000E+00	0.00000E+00	0.00000E+00		
234	0	0	0.00000E+00	0.00000E+00	-6227.2	0.00000E+00	0.00000E+00	0.00000E+00		
238	0	0	0.00000E+00	0.00000E+00	-96030.	0.00000E+00	0.00000E+00	0.00000E+00		
240	0	0	0.00000E+00	0.00000E+00	-21200.	0.00000E+00	0.00000E+00	0.00000E+00		
244	0	0	0.00000E+00	0.00000E+00	-3145.3	0.00000E+00	0.00000E+00	0.00000E+00		
246	0	0	0.00000E+00	0.00000E+00	-702.89	0.00000E+00	0.00000E+00	0.00000E+00		
952	0	0	0.00000E+00	0.00000E+00	-3873.9	0.00000E+00	0.00000E+00	0.00000E+00		
953	0	0	0.00000E+00	0.00000E+00	-18732.	0.00000E+00	0.00000E+00	0.00000E+00		
963	0	0	0.00000E+00	0.00000E+00	-63748.	0.00000E+00	0.00000E+00	0.00000E+00		
973	0	0	0.00000E+00	0.00000E+00	-2019.0	0.00000E+00	0.00000E+00	0.00000E+00		
2851	0	0	0.00000E+00	0.00000E+00	-16950.	0.00000E+00	0.00000E+00	0.00000E+00		

2861 0 0 0.00000E+00 0.00000E+00 -63677. 0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 18
LARGEST NODE OR ELEMENT NUMBER = 2861

L O A D C A S E 6936

LoadID=30 Line=2830 Dir=Fwd Pos=53

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
214	0	0	0.00000E+00	0.00000E+00	-68701.	0.00000E+00	0.00000E+00	0.00000E+00		
216	0	0	0.00000E+00	0.00000E+00	-15176.	0.00000E+00	0.00000E+00	0.00000E+00		
220	0	0	0.00000E+00	0.00000E+00	-58666.	0.00000E+00	0.00000E+00	0.00000E+00		
222	0	0	0.00000E+00	0.00000E+00	-12951.	0.00000E+00	0.00000E+00	0.00000E+00		
238	0	0	0.00000E+00	0.00000E+00	-73722.	0.00000E+00	0.00000E+00	0.00000E+00		
240	0	0	0.00000E+00	0.00000E+00	-16275.	0.00000E+00	0.00000E+00	0.00000E+00		
244	0	0	0.00000E+00	0.00000E+00	-53645.	0.00000E+00	0.00000E+00	0.00000E+00		
246	0	0	0.00000E+00	0.00000E+00	-11854.	0.00000E+00	0.00000E+00	0.00000E+00		
952	0	0	0.00000E+00	0.00000E+00	-38996.	0.00000E+00	0.00000E+00	0.00000E+00		
963	0	0	0.00000E+00	0.00000E+00	-49001.	0.00000E+00	0.00000E+00	0.00000E+00		
973	0	0	0.00000E+00	0.00000E+00	-35503.	0.00000E+00	0.00000E+00	0.00000E+00		
2861	0	0	0.00000E+00	0.00000E+00	-45509.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 2861

L O A D C A S E 6937

LoadID=30 Line=2830 Dir=Fwd Pos=54

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
214	0	0	0.00000E+00	0.00000E+00	-10816.	0.00000E+00	0.00000E+00	0.00000E+00		
216	0	0	0.00000E+00	0.00000E+00	-2394.2	0.00000E+00	0.00000E+00	0.00000E+00		
220	0	0	0.00000E+00	0.00000E+00	-79480.	0.00000E+00	0.00000E+00	0.00000E+00		
222	0	0	0.00000E+00	0.00000E+00	-17765.	0.00000E+00	0.00000E+00	0.00000E+00		
226	0	0	0.00000E+00	0.00000E+00	-30793.	0.00000E+00	0.00000E+00	0.00000E+00		
228	0	0	0.00000E+00	0.00000E+00	-6272.4	0.00000E+00	0.00000E+00	0.00000E+00		
232	0	0	0.00000E+00	0.00000E+00	-17472.	0.00000E+00	0.00000E+00	0.00000E+00		
234	0	0	0.00000E+00	0.00000E+00	-5437.9	0.00000E+00	0.00000E+00	0.00000E+00		
238	0	0	0.00000E+00	0.00000E+00	-13176.	0.00000E+00	0.00000E+00	0.00000E+00		
240	0	0	0.00000E+00	0.00000E+00	-2907.0	0.00000E+00	0.00000E+00	0.00000E+00		
244	0	0	0.00000E+00	0.00000E+00	-95805.	0.00000E+00	0.00000E+00	0.00000E+00		
246	0	0	0.00000E+00	0.00000E+00	-21157.	0.00000E+00	0.00000E+00	0.00000E+00		
250	0	0	0.00000E+00	0.00000E+00	-18386.	0.00000E+00	0.00000E+00	0.00000E+00		
252	0	0	0.00000E+00	0.00000E+00	-4064.3	0.00000E+00	0.00000E+00	0.00000E+00		
952	0	0	0.00000E+00	0.00000E+00	-52832.	0.00000E+00	0.00000E+00	0.00000E+00		
953	0	0	0.00000E+00	0.00000E+00	-9618.1	0.00000E+00	0.00000E+00	0.00000E+00		
963	0	0	0.00000E+00	0.00000E+00	-8781.5	0.00000E+00	0.00000E+00	0.00000E+00		
973	0	0	0.00000E+00	0.00000E+00	-63578.	0.00000E+00	0.00000E+00	0.00000E+00		
987	0	0	0.00000E+00	0.00000E+00	-12145.	0.00000E+00	0.00000E+00	0.00000E+00		
2861	0	0	0.00000E+00	0.00000E+00	-7119.1	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 2861

L O A D C A S E 6938

LoadID=30 Line=2830 Dir=Fwd Pos=55

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
220	0	0	0.00000E+00	0.00000E+00	-35518.	0.00000E+00	0.00000E+00	0.00000E+00		
222	0	0	0.00000E+00	0.00000E+00	-10783.	0.00000E+00	0.00000E+00	0.00000E+00		
226	0	0	0.00000E+00	0.00000E+00	-56580.	0.00000E+00	0.00000E+00	0.00000E+00		
228	0	0	0.00000E+00	0.00000E+00	-12375.	0.00000E+00	0.00000E+00	0.00000E+00		
232	0	0	0.00000E+00	0.00000E+00	-53216.	0.00000E+00	0.00000E+00	0.00000E+00		
234	0	0	0.00000E+00	0.00000E+00	-12153.	0.00000E+00	0.00000E+00	0.00000E+00		
244	0	0	0.00000E+00	0.00000E+00	-43299.	0.00000E+00	0.00000E+00	0.00000E+00		
246	0	0	0.00000E+00	0.00000E+00	-9555.2	0.00000E+00	0.00000E+00	0.00000E+00		
250	0	0	0.00000E+00	0.00000E+00	-84070.	0.00000E+00	0.00000E+00	0.00000E+00		
252	0	0	0.00000E+00	0.00000E+00	-18575.	0.00000E+00	0.00000E+00	0.00000E+00		
952	0	0	0.00000E+00	0.00000E+00	-20124.	0.00000E+00	0.00000E+00	0.00000E+00		
953	0	0	0.00000E+00	0.00000E+00	-39251.	0.00000E+00	0.00000E+00	0.00000E+00		
973	0	0	0.00000E+00	0.00000E+00	-28819.	0.00000E+00	0.00000E+00	0.00000E+00		
987	0	0	0.00000E+00	0.00000E+00	-55682.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 987

L O A D C A S E 6939

LoadID=30 Line=2830 Dir=Fwd Pos=56

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	FORCE MZ	FORCE MZ
232	0	0	0.00000E+00	0.00000E+00	-87752.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
234	0	0	0.00000E+00	0.00000E+00	-19386.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
238	0	0	0.00000E+00	0.00000E+00	-39617.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
240	0	0	0.00000E+00	0.00000E+00	-8743.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
250	0	0	0.00000E+00	0.00000E+00	-92055.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
252	0	0	0.00000E+00	0.00000E+00	-20326.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
256	0	0	0.00000E+00	0.00000E+00	-35316.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
258	0	0	0.00000E+00	0.00000E+00	-7804.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
953	0	0	0.00000E+00	0.00000E+00	-58140.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
963	0	0	0.00000E+00	0.00000E+00	-26361.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
987	0	0	0.00000E+00	0.00000E+00	-61150.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
997	0	0	0.00000E+00	0.00000E+00	-23348.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 997

L O A D C A S E 6940

LoadID=30 Line=2830 Dir=Fwd Pos=57

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	FORCE MZ	FORCE MZ
232	0	0	0.00000E+00	0.00000E+00	-20408.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
234	0	0	0.00000E+00	0.00000E+00	-4509.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
238	0	0	0.00000E+00	0.00000E+00	-95969.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
240	0	0	0.00000E+00	0.00000E+00	-21195.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
244	0	0	0.00000E+00	0.00000E+00	-10991.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
246	0	0	0.00000E+00	0.00000E+00	-2424.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
250	0	0	0.00000E+00	0.00000E+00	-22527.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
252	0	0	0.00000E+00	0.00000E+00	-4974.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
256	0	0	0.00000E+00	0.00000E+00	-72756.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
258	0	0	0.00000E+00	0.00000E+00	-15529.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
262	0	0	0.00000E+00	0.00000E+00	-25293.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
264	0	0	0.00000E+00	0.00000E+00	-6189.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
268	0	0	0.00000E+00	0.00000E+00	-13853.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
270	0	0	0.00000E+00	0.00000E+00	-5102.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
953	0	0	0.00000E+00	0.00000E+00	-13496.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
963	0	0	0.00000E+00	0.00000E+00	-63679.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
973	0	0	0.00000E+00	0.00000E+00	-7329.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
987	0	0	0.00000E+00	0.00000E+00	-14973.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
997	0	0	0.00000E+00	0.00000E+00	-51957.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1007	0	0	0.00000E+00	0.00000E+00	-6845.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1007

L O A D C A S E 6941

LoadID=30 Line=2830 Dir=Fwd Pos=58

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	FORCE MZ	FORCE MZ
238	0	0	0.00000E+00	0.00000E+00	-58014.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
240	0	0	0.00000E+00	0.00000E+00	-12817.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
244	0	0	0.00000E+00	0.00000E+00	-69353.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
246	0	0	0.00000E+00	0.00000E+00	-15311.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
256	0	0	0.00000E+00	0.00000E+00	-44119.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
258	0	0	0.00000E+00	0.00000E+00	-11501.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
262	0	0	0.00000E+00	0.00000E+00	-57804.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
264	0	0	0.00000E+00	0.00000E+00	-12492.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
268	0	0	0.00000E+00	0.00000E+00	-45256.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
270	0	0	0.00000E+00	0.00000E+00	-11589.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
963	0	0	0.00000E+00	0.00000E+00	-38411.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
973	0	0	0.00000E+00	0.00000E+00	-46093.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
997	0	0	0.00000E+00	0.00000E+00	-28134.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1007	0	0	0.00000E+00	0.00000E+00	-29106.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1007

L O A D C A S E 6942

LoadID=30 Line=2830 Dir=Fwd Pos=59

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
238	0	0	0.00000E+00	0.00000E+00	-5328.8	0.00000E+00	0.00000E+00	0.00000E+00		
240	0	0	0.00000E+00	0.00000E+00	-1183.9	0.00000E+00	0.00000E+00	0.00000E+00		
244	0	0	0.00000E+00	0.00000E+00	-95809.	0.00000E+00	0.00000E+00	0.00000E+00		
246	0	0	0.00000E+00	0.00000E+00	-21152.	0.00000E+00	0.00000E+00	0.00000E+00		
250	0	0	0.00000E+00	0.00000E+00	-26232.	0.00000E+00	0.00000E+00	0.00000E+00		
252	0	0	0.00000E+00	0.00000E+00	-5794.2	0.00000E+00	0.00000E+00	0.00000E+00		
256	0	0	0.00000E+00	0.00000E+00	-13806.	0.00000E+00	0.00000E+00	0.00000E+00		
258	0	0	0.00000E+00	0.00000E+00	-5189.7	0.00000E+00	0.00000E+00	0.00000E+00		
262	0	0	0.00000E+00	0.00000E+00	-23462.	0.00000E+00	0.00000E+00	0.00000E+00		
264	0	0	0.00000E+00	0.00000E+00	-6230.3	0.00000E+00	0.00000E+00	0.00000E+00		
268	0	0	0.00000E+00	0.00000E+00	-72418.	0.00000E+00	0.00000E+00	0.00000E+00		
270	0	0	0.00000E+00	0.00000E+00	-15389.	0.00000E+00	0.00000E+00	0.00000E+00		
274	0	0	0.00000E+00	0.00000E+00	-23753.	0.00000E+00	0.00000E+00	0.00000E+00		
276	0	0	0.00000E+00	0.00000E+00	-5248.1	0.00000E+00	0.00000E+00	0.00000E+00		
963	0	0	0.00000E+00	0.00000E+00	-3474.8	0.00000E+00	0.00000E+00	0.00000E+00		
973	0	0	0.00000E+00	0.00000E+00	-63601.	0.00000E+00	0.00000E+00	0.00000E+00		
987	0	0	0.00000E+00	0.00000E+00	-17425.	0.00000E+00	0.00000E+00	0.00000E+00		
997	0	0	0.00000E+00	0.00000E+00	-6721.7	0.00000E+00	0.00000E+00	0.00000E+00		
1007	0	0	0.00000E+00	0.00000E+00	-52074.	0.00000E+00	0.00000E+00	0.00000E+00		
1017	0	0	0.00000E+00	0.00000E+00	-15709.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1017

L O A D C A S E 6943

LoadID=30 Line=2830 Dir=Fwd Pos=60

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
244	0	0	0.00000E+00	0.00000E+00	-29574.	0.00000E+00	0.00000E+00	0.00000E+00		
246	0	0	0.00000E+00	0.00000E+00	-6530.5	0.00000E+00	0.00000E+00	0.00000E+00		
250	0	0	0.00000E+00	0.00000E+00	-95851.	0.00000E+00	0.00000E+00	0.00000E+00		
252	0	0	0.00000E+00	0.00000E+00	-21177.	0.00000E+00	0.00000E+00	0.00000E+00		
256	0	0	0.00000E+00	0.00000E+00	-1945.4	0.00000E+00	0.00000E+00	0.00000E+00		
258	0	0	0.00000E+00	0.00000E+00	-423.89	0.00000E+00	0.00000E+00	0.00000E+00		
268	0	0	0.00000E+00	0.00000E+00	-32716.	0.00000E+00	0.00000E+00	0.00000E+00		
270	0	0	0.00000E+00	0.00000E+00	-7214.3	0.00000E+00	0.00000E+00	0.00000E+00		
274	0	0	0.00000E+00	0.00000E+00	-94655.	0.00000E+00	0.00000E+00	0.00000E+00		
276	0	0	0.00000E+00	0.00000E+00	-20917.	0.00000E+00	0.00000E+00	0.00000E+00		
973	0	0	0.00000E+00	0.00000E+00	-19589.	0.00000E+00	0.00000E+00	0.00000E+00		
987	0	0	0.00000E+00	0.00000E+00	-63572.	0.00000E+00	0.00000E+00	0.00000E+00		
997	0	0	0.00000E+00	0.00000E+00	-1337.7	0.00000E+00	0.00000E+00	0.00000E+00		
1007	0	0	0.00000E+00	0.00000E+00	-21824.	0.00000E+00	0.00000E+00	0.00000E+00		
1017	0	0	0.00000E+00	0.00000E+00	-62673.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 15
 LARGEST NODE OR ELEMENT NUMBER = 1017

L O A D C A S E 6944

LoadID=30 Line=2830 Dir=Fwd Pos=61

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
250	0	0	0.00000E+00	0.00000E+00	-76466.	0.00000E+00	0.00000E+00	0.00000E+00		
252	0	0	0.00000E+00	0.00000E+00	-16894.	0.00000E+00	0.00000E+00	0.00000E+00		
256	0	0	0.00000E+00	0.00000E+00	-50902.	0.00000E+00	0.00000E+00	0.00000E+00		
258	0	0	0.00000E+00	0.00000E+00	-11235.	0.00000E+00	0.00000E+00	0.00000E+00		
274	0	0	0.00000E+00	0.00000E+00	-81596.	0.00000E+00	0.00000E+00	0.00000E+00		
276	0	0	0.00000E+00	0.00000E+00	-18020.	0.00000E+00	0.00000E+00	0.00000E+00		
280	0	0	0.00000E+00	0.00000E+00	-45737.	0.00000E+00	0.00000E+00	0.00000E+00		
282	0	0	0.00000E+00	0.00000E+00	-10109.	0.00000E+00	0.00000E+00	0.00000E+00		
987	0	0	0.00000E+00	0.00000E+00	-50645.	0.00000E+00	0.00000E+00	0.00000E+00		
997	0	0	0.00000E+00	0.00000E+00	-33859.	0.00000E+00	0.00000E+00	0.00000E+00		
1017	0	0	0.00000E+00	0.00000E+00	-54236.	0.00000E+00	0.00000E+00	0.00000E+00		
1027	0	0	0.00000E+00	0.00000E+00	-30302.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1027

L O A D C A S E 6945

LoadID=30 Line=2830 Dir=Fwd Pos=62

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
250	0	0	0.00000E+00	0.00000E+00	-14732.	0.00000E+00	0.00000E+00	0.00000E+00		
252	0	0	0.00000E+00	0.00000E+00	-3258.0	0.00000E+00	0.00000E+00	0.00000E+00		
256	0	0	0.00000E+00	0.00000E+00	-77149.	0.00000E+00	0.00000E+00	0.00000E+00		
258	0	0	0.00000E+00	0.00000E+00	-16943.	0.00000E+00	0.00000E+00	0.00000E+00		
262	0	0	0.00000E+00	0.00000E+00	-29860.	0.00000E+00	0.00000E+00	0.00000E+00		
264	0	0	0.00000E+00	0.00000E+00	-6216.9	0.00000E+00	0.00000E+00	0.00000E+00		
268	0	0	0.00000E+00	0.00000E+00	-16022.	0.00000E+00	0.00000E+00	0.00000E+00		
270	0	0	0.00000E+00	0.00000E+00	-5261.0	0.00000E+00	0.00000E+00	0.00000E+00		
274	0	0	0.00000E+00	0.00000E+00	-17280.	0.00000E+00	0.00000E+00	0.00000E+00		
276	0	0	0.00000E+00	0.00000E+00	-3820.6	0.00000E+00	0.00000E+00	0.00000E+00		
280	0	0	0.00000E+00	0.00000E+00	-95871.	0.00000E+00	0.00000E+00	0.00000E+00		
282	0	0	0.00000E+00	0.00000E+00	-21182.	0.00000E+00	0.00000E+00	0.00000E+00		
286	0	0	0.00000E+00	0.00000E+00	-14142.	0.00000E+00	0.00000E+00	0.00000E+00		
288	0	0	0.00000E+00	0.00000E+00	-3125.6	0.00000E+00	0.00000E+00	0.00000E+00		
987	0	0	0.00000E+00	0.00000E+00	-9721.0	0.00000E+00	0.00000E+00	0.00000E+00		
997	0	0	0.00000E+00	0.00000E+00	-52270.	0.00000E+00	0.00000E+00	0.00000E+00		
1007	0	0	0.00000E+00	0.00000E+00	-8568.2	0.00000E+00	0.00000E+00	0.00000E+00		
1017	0	0	0.00000E+00	0.00000E+00	-11483.	0.00000E+00	0.00000E+00	0.00000E+00		
1027	0	0	0.00000E+00	0.00000E+00	-63720.	0.00000E+00	0.00000E+00	0.00000E+00		
1037	0	0	0.00000E+00	0.00000E+00	-9375.5	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1037

L O A D C A S E 6946

LoadID=30 Line=2830 Dir=Fwd Pos=63

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
256	0	0	0.00000E+00	0.00000E+00	-38188.	0.00000E+00	0.00000E+00	0.00000E+00		
258	0	0	0.00000E+00	0.00000E+00	-11031.	0.00000E+00	0.00000E+00	0.00000E+00		
262	0	0	0.00000E+00	0.00000E+00	-56903.	0.00000E+00	0.00000E+00	0.00000E+00		
264	0	0	0.00000E+00	0.00000E+00	-12393.	0.00000E+00	0.00000E+00	0.00000E+00		
268	0	0	0.00000E+00	0.00000E+00	-50953.	0.00000E+00	0.00000E+00	0.00000E+00		
270	0	0	0.00000E+00	0.00000E+00	-11996.	0.00000E+00	0.00000E+00	0.00000E+00		
280	0	0	0.00000E+00	0.00000E+00	-51783.	0.00000E+00	0.00000E+00	0.00000E+00		
282	0	0	0.00000E+00	0.00000E+00	-11437.	0.00000E+00	0.00000E+00	0.00000E+00		
286	0	0	0.00000E+00	0.00000E+00	-75545.	0.00000E+00	0.00000E+00	0.00000E+00		
288	0	0	0.00000E+00	0.00000E+00	-16692.	0.00000E+00	0.00000E+00	0.00000E+00		
997	0	0	0.00000E+00	0.00000E+00	-22394.	0.00000E+00	0.00000E+00	0.00000E+00		
1007	0	0	0.00000E+00	0.00000E+00	-36142.	0.00000E+00	0.00000E+00	0.00000E+00		
1027	0	0	0.00000E+00	0.00000E+00	-34461.	0.00000E+00	0.00000E+00	0.00000E+00		
1037	0	0	0.00000E+00	0.00000E+00	-50083.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1037

L O A D C A S E 6947

LoadID=30 Line=2830 Dir=Fwd Pos=64

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
268	0	0	0.00000E+00	0.00000E+00	-95669.	0.00000E+00	0.00000E+00	0.00000E+00		
270	0	0	0.00000E+00	0.00000E+00	-21136.	0.00000E+00	0.00000E+00	0.00000E+00		
274	0	0	0.00000E+00	0.00000E+00	-31703.	0.00000E+00	0.00000E+00	0.00000E+00		
276	0	0	0.00000E+00	0.00000E+00	-6995.7	0.00000E+00	0.00000E+00	0.00000E+00		
280	0	0	0.00000E+00	0.00000E+00	-2266.4	0.00000E+00	0.00000E+00	0.00000E+00		
282	0	0	0.00000E+00	0.00000E+00	-493.13	0.00000E+00	0.00000E+00	0.00000E+00		
286	0	0	0.00000E+00	0.00000E+00	-95805.	0.00000E+00	0.00000E+00	0.00000E+00		
288	0	0	0.00000E+00	0.00000E+00	-21163.	0.00000E+00	0.00000E+00	0.00000E+00		
292	0	0	0.00000E+00	0.00000E+00	-29275.	0.00000E+00	0.00000E+00	0.00000E+00		
294	0	0	0.00000E+00	0.00000E+00	-6474.9	0.00000E+00	0.00000E+00	0.00000E+00		
1007	0	0	0.00000E+00	0.00000E+00	-63383.	0.00000E+00	0.00000E+00	0.00000E+00		
1017	0	0	0.00000E+00	0.00000E+00	-21113.	0.00000E+00	0.00000E+00	0.00000E+00		
1027	0	0	0.00000E+00	0.00000E+00	-1564.2	0.00000E+00	0.00000E+00	0.00000E+00		
1037	0	0	0.00000E+00	0.00000E+00	-63616.	0.00000E+00	0.00000E+00	0.00000E+00		
1047	0	0	0.00000E+00	0.00000E+00	-19342.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 15
 LARGEST NODE OR ELEMENT NUMBER = 1047

L O A D C A S E 6948

LoadID=30 Line=2830 Dir=Fwd Pos=65

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
268	0	0	0.00000E+00	0.00000E+00	-24259.	0.00000E+00	0.00000E+00	0.00000E+00		
270	0	0	0.00000E+00	0.00000E+00	-5357.1	0.00000E+00	0.00000E+00	0.00000E+00		
274	0	0	0.00000E+00	0.00000E+00	-95948.	0.00000E+00	0.00000E+00	0.00000E+00		
276	0	0	0.00000E+00	0.00000E+00	-21194.	0.00000E+00	0.00000E+00	0.00000E+00		
280	0	0	0.00000E+00	0.00000E+00	-7156.7	0.00000E+00	0.00000E+00	0.00000E+00		
282	0	0	0.00000E+00	0.00000E+00	-1578.1	0.00000E+00	0.00000E+00	0.00000E+00		
286	0	0	0.00000E+00	0.00000E+00	-26504.	0.00000E+00	0.00000E+00	0.00000E+00		
288	0	0	0.00000E+00	0.00000E+00	-5846.9	0.00000E+00	0.00000E+00	0.00000E+00		
292	0	0	0.00000E+00	0.00000E+00	-70455.	0.00000E+00	0.00000E+00	0.00000E+00		
294	0	0	0.00000E+00	0.00000E+00	-14921.	0.00000E+00	0.00000E+00	0.00000E+00		
298	0	0	0.00000E+00	0.00000E+00	-22023.	0.00000E+00	0.00000E+00	0.00000E+00		
300	0	0	0.00000E+00	0.00000E+00	-6204.6	0.00000E+00	0.00000E+00	0.00000E+00		
304	0	0	0.00000E+00	0.00000E+00	-13143.	0.00000E+00	0.00000E+00	0.00000E+00		
306	0	0	0.00000E+00	0.00000E+00	-5138.2	0.00000E+00	0.00000E+00	0.00000E+00		
1007	0	0	0.00000E+00	0.00000E+00	-16066.	0.00000E+00	0.00000E+00	0.00000E+00		
1017	0	0	0.00000E+00	0.00000E+00	-63664.	0.00000E+00	0.00000E+00	0.00000E+00		
1027	0	0	0.00000E+00	0.00000E+00	-4778.1	0.00000E+00	0.00000E+00	0.00000E+00		
1037	0	0	0.00000E+00	0.00000E+00	-17702.	0.00000E+00	0.00000E+00	0.00000E+00		
1047	0	0	0.00000E+00	0.00000E+00	-51863.	0.00000E+00	0.00000E+00	0.00000E+00		
1057	0	0	0.00000E+00	0.00000E+00	-6200.6	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1057

L O A D C A S E 6949

LoadID=30 Line=2830 Dir=Fwd Pos=66

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
274	0	0	0.00000E+00	0.00000E+00	-65996.	0.00000E+00	0.00000E+00	0.00000E+00		
276	0	0	0.00000E+00	0.00000E+00	-14588.	0.00000E+00	0.00000E+00	0.00000E+00		
280	0	0	0.00000E+00	0.00000E+00	-61324.	0.00000E+00	0.00000E+00	0.00000E+00		
282	0	0	0.00000E+00	0.00000E+00	-13540.	0.00000E+00	0.00000E+00	0.00000E+00		
292	0	0	0.00000E+00	0.00000E+00	-47248.	0.00000E+00	0.00000E+00	0.00000E+00		
294	0	0	0.00000E+00	0.00000E+00	-11746.	0.00000E+00	0.00000E+00	0.00000E+00		
298	0	0	0.00000E+00	0.00000E+00	-57691.	0.00000E+00	0.00000E+00	0.00000E+00		
300	0	0	0.00000E+00	0.00000E+00	-12485.	0.00000E+00	0.00000E+00	0.00000E+00		
304	0	0	0.00000E+00	0.00000E+00	-41921.	0.00000E+00	0.00000E+00	0.00000E+00		
306	0	0	0.00000E+00	0.00000E+00	-11346.	0.00000E+00	0.00000E+00	0.00000E+00		
1017	0	0	0.00000E+00	0.00000E+00	-43707.	0.00000E+00	0.00000E+00	0.00000E+00		
1027	0	0	0.00000E+00	0.00000E+00	-40846.	0.00000E+00	0.00000E+00	0.00000E+00		
1047	0	0	0.00000E+00	0.00000E+00	-31795.	0.00000E+00	0.00000E+00	0.00000E+00		
1057	0	0	0.00000E+00	0.00000E+00	-25768.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1057

L O A D C A S E 6950

LoadID=30 Line=2830 Dir=Fwd Pos=67

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
274	0	0	0.00000E+00	0.00000E+00	-9488.1	0.00000E+00	0.00000E+00	0.00000E+00		
276	0	0	0.00000E+00	0.00000E+00	-2107.9	0.00000E+00	0.00000E+00	0.00000E+00		
280	0	0	0.00000E+00	0.00000E+00	-95829.	0.00000E+00	0.00000E+00	0.00000E+00		
282	0	0	0.00000E+00	0.00000E+00	-21169.	0.00000E+00	0.00000E+00	0.00000E+00		
286	0	0	0.00000E+00	0.00000E+00	-21977.	0.00000E+00	0.00000E+00	0.00000E+00		
288	0	0	0.00000E+00	0.00000E+00	-4852.1	0.00000E+00	0.00000E+00	0.00000E+00		
292	0	0	0.00000E+00	0.00000E+00	-14574.	0.00000E+00	0.00000E+00	0.00000E+00		
294	0	0	0.00000E+00	0.00000E+00	-5159.2	0.00000E+00	0.00000E+00	0.00000E+00		
298	0	0	0.00000E+00	0.00000E+00	-27020.	0.00000E+00	0.00000E+00	0.00000E+00		
300	0	0	0.00000E+00	0.00000E+00	-6219.1	0.00000E+00	0.00000E+00	0.00000E+00		
304	0	0	0.00000E+00	0.00000E+00	-74452.	0.00000E+00	0.00000E+00	0.00000E+00		
306	0	0	0.00000E+00	0.00000E+00	-16027.	0.00000E+00	0.00000E+00	0.00000E+00		
310	0	0	0.00000E+00	0.00000E+00	-19696.	0.00000E+00	0.00000E+00	0.00000E+00		
312	0	0	0.00000E+00	0.00000E+00	-4355.1	0.00000E+00	0.00000E+00	0.00000E+00		
1017	0	0	0.00000E+00	0.00000E+00	-6207.4	0.00000E+00	0.00000E+00	0.00000E+00		
1027	0	0	0.00000E+00	0.00000E+00	-63718.	0.00000E+00	0.00000E+00	0.00000E+00		
1037	0	0	0.00000E+00	0.00000E+00	-14652.	0.00000E+00	0.00000E+00	0.00000E+00		

1047	0	0	0.00000E+00	0.00000E+00	-7475.7	0.00000E+00	0.00000E+00	0.00000E+00
1057	0	0	0.00000E+00	0.00000E+00	-52006.	0.00000E+00	0.00000E+00	0.00000E+00
1067	0	0	0.00000E+00	0.00000E+00	-13017.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1067

L O A D C A S E 6951

LoadID=30 Line=2830 Dir=Fwd Pos=68

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
280	0	0	0.00000E+00	0.00000E+00	-36119.	0.00000E+00	0.00000E+00	0.00000E+00	
282	0	0	0.00000E+00	0.00000E+00	-7985.7	0.00000E+00	0.00000E+00	0.00000E+00	
286	0	0	0.00000E+00	0.00000E+00	-91224.	0.00000E+00	0.00000E+00	0.00000E+00	
288	0	0	0.00000E+00	0.00000E+00	-20145.	0.00000E+00	0.00000E+00	0.00000E+00	
304	0	0	0.00000E+00	0.00000E+00	-40799.	0.00000E+00	0.00000E+00	0.00000E+00	
306	0	0	0.00000E+00	0.00000E+00	-9004.1	0.00000E+00	0.00000E+00	0.00000E+00	
310	0	0	0.00000E+00	0.00000E+00	-86503.	0.00000E+00	0.00000E+00	0.00000E+00	
312	0	0	0.00000E+00	0.00000E+00	-19126.	0.00000E+00	0.00000E+00	0.00000E+00	
1027	0	0	0.00000E+00	0.00000E+00	-23900.	0.00000E+00	0.00000E+00	0.00000E+00	
1037	0	0	0.00000E+00	0.00000E+00	-60627.	0.00000E+00	0.00000E+00	0.00000E+00	
1057	0	0	0.00000E+00	0.00000E+00	-27203.	0.00000E+00	0.00000E+00	0.00000E+00	
1067	0	0	0.00000E+00	0.00000E+00	-57364.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1067

L O A D C A S E 6952

LoadID=30 Line=2830 Dir=Fwd Pos=69

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
286	0	0	0.00000E+00	0.00000E+00	-84644.	0.00000E+00	0.00000E+00	0.00000E+00	
288	0	0	0.00000E+00	0.00000E+00	-18692.	0.00000E+00	0.00000E+00	0.00000E+00	
292	0	0	0.00000E+00	0.00000E+00	-42692.	0.00000E+00	0.00000E+00	0.00000E+00	
294	0	0	0.00000E+00	0.00000E+00	-9437.8	0.00000E+00	0.00000E+00	0.00000E+00	
310	0	0	0.00000E+00	0.00000E+00	-89539.	0.00000E+00	0.00000E+00	0.00000E+00	
312	0	0	0.00000E+00	0.00000E+00	-19780.	0.00000E+00	0.00000E+00	0.00000E+00	
316	0	0	0.00000E+00	0.00000E+00	-37762.	0.00000E+00	0.00000E+00	0.00000E+00	
318	0	0	0.00000E+00	0.00000E+00	-8350.5	0.00000E+00	0.00000E+00	0.00000E+00	
1037	0	0	0.00000E+00	0.00000E+00	-56191.	0.00000E+00	0.00000E+00	0.00000E+00	
1047	0	0	0.00000E+00	0.00000E+00	-28343.	0.00000E+00	0.00000E+00	0.00000E+00	
1067	0	0	0.00000E+00	0.00000E+00	-59592.	0.00000E+00	0.00000E+00	0.00000E+00	
1077	0	0	0.00000E+00	0.00000E+00	-24977.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1077

L O A D C A S E 6953

LoadID=30 Line=2830 Dir=Fwd Pos=70

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
286	0	0	0.00000E+00	0.00000E+00	-18654.	0.00000E+00	0.00000E+00	0.00000E+00	
288	0	0	0.00000E+00	0.00000E+00	-4114.0	0.00000E+00	0.00000E+00	0.00000E+00	
292	0	0	0.00000E+00	0.00000E+00	-75436.	0.00000E+00	0.00000E+00	0.00000E+00	
294	0	0	0.00000E+00	0.00000E+00	-16375.	0.00000E+00	0.00000E+00	0.00000E+00	
298	0	0	0.00000E+00	0.00000E+00	-26251.	0.00000E+00	0.00000E+00	0.00000E+00	
300	0	0	0.00000E+00	0.00000E+00	-6285.7	0.00000E+00	0.00000E+00	0.00000E+00	
304	0	0	0.00000E+00	0.00000E+00	-15114.	0.00000E+00	0.00000E+00	0.00000E+00	
306	0	0	0.00000E+00	0.00000E+00	-5303.4	0.00000E+00	0.00000E+00	0.00000E+00	
310	0	0	0.00000E+00	0.00000E+00	-21218.	0.00000E+00	0.00000E+00	0.00000E+00	
312	0	0	0.00000E+00	0.00000E+00	-4685.4	0.00000E+00	0.00000E+00	0.00000E+00	
316	0	0	0.00000E+00	0.00000E+00	-73777.	0.00000E+00	0.00000E+00	0.00000E+00	
318	0	0	0.00000E+00	0.00000E+00	-15840.	0.00000E+00	0.00000E+00	0.00000E+00	
322	0	0	0.00000E+00	0.00000E+00	-25441.	0.00000E+00	0.00000E+00	0.00000E+00	
324	0	0	0.00000E+00	0.00000E+00	-6220.2	0.00000E+00	0.00000E+00	0.00000E+00	
328	0	0	0.00000E+00	0.00000E+00	-14308.	0.00000E+00	0.00000E+00	0.00000E+00	
330	0	0	0.00000E+00	0.00000E+00	-5181.6	0.00000E+00	0.00000E+00	0.00000E+00	
1037	0	0	0.00000E+00	0.00000E+00	-12431.	0.00000E+00	0.00000E+00	0.00000E+00	
1047	0	0	0.00000E+00	0.00000E+00	-52327.	0.00000E+00	0.00000E+00	0.00000E+00	
1057	0	0	0.00000E+00	0.00000E+00	-7709.1	0.00000E+00	0.00000E+00	0.00000E+00	
1067	0	0	0.00000E+00	0.00000E+00	-14123.	0.00000E+00	0.00000E+00	0.00000E+00	
1077	0	0	0.00000E+00	0.00000E+00	-52063.	0.00000E+00	0.00000E+00	0.00000E+00	

1087 0 0 0.00000E+00 0.00000E+00 -7142.7 0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 22
LARGEST NODE OR ELEMENT NUMBER = 1087

L O A D C A S E 6954

LoadID=30 Line=2830 Dir=Fwd Pos=71

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
292	0	0	0.00000E+00	0.00000E+00	-41177.	0.00000E+00	0.00000E+00	0.00000E+00		
294	0	0	0.00000E+00	0.00000E+00	-11285.	0.00000E+00	0.00000E+00	0.00000E+00		
298	0	0	0.00000E+00	0.00000E+00	-57759.	0.00000E+00	0.00000E+00	0.00000E+00		
300	0	0	0.00000E+00	0.00000E+00	-12496.	0.00000E+00	0.00000E+00	0.00000E+00		
304	0	0	0.00000E+00	0.00000E+00	-47891.	0.00000E+00	0.00000E+00	0.00000E+00		
306	0	0	0.00000E+00	0.00000E+00	-11778.	0.00000E+00	0.00000E+00	0.00000E+00		
316	0	0	0.00000E+00	0.00000E+00	-43133.	0.00000E+00	0.00000E+00	0.00000E+00		
318	0	0	0.00000E+00	0.00000E+00	-11426.	0.00000E+00	0.00000E+00	0.00000E+00		
322	0	0	0.00000E+00	0.00000E+00	-57785.	0.00000E+00	0.00000E+00	0.00000E+00		
324	0	0	0.00000E+00	0.00000E+00	-12490.	0.00000E+00	0.00000E+00	0.00000E+00		
328	0	0	0.00000E+00	0.00000E+00	-46194.	0.00000E+00	0.00000E+00	0.00000E+00		
330	0	0	0.00000E+00	0.00000E+00	-11652.	0.00000E+00	0.00000E+00	0.00000E+00		
1047	0	0	0.00000E+00	0.00000E+00	-25264.	0.00000E+00	0.00000E+00	0.00000E+00		
1057	0	0	0.00000E+00	0.00000E+00	-32350.	0.00000E+00	0.00000E+00	0.00000E+00		
1077	0	0	0.00000E+00	0.00000E+00	-27082.	0.00000E+00	0.00000E+00	0.00000E+00		
1087	0	0	0.00000E+00	0.00000E+00	-30237.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 16
LARGEST NODE OR ELEMENT NUMBER = 1087

L O A D C A S E 6955

LoadID=30 Line=2830 Dir=Fwd Pos=72

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
292	0	0	0.00000E+00	0.00000E+00	-12758.	0.00000E+00	0.00000E+00	0.00000E+00		
294	0	0	0.00000E+00	0.00000E+00	-5022.3	0.00000E+00	0.00000E+00	0.00000E+00		
298	0	0	0.00000E+00	0.00000E+00	-22804.	0.00000E+00	0.00000E+00	0.00000E+00		
300	0	0	0.00000E+00	0.00000E+00	-6186.1	0.00000E+00	0.00000E+00	0.00000E+00		
304	0	0	0.00000E+00	0.00000E+00	-69314.	0.00000E+00	0.00000E+00	0.00000E+00		
306	0	0	0.00000E+00	0.00000E+00	-14598.	0.00000E+00	0.00000E+00	0.00000E+00		
310	0	0	0.00000E+00	0.00000E+00	-27514.	0.00000E+00	0.00000E+00	0.00000E+00		
312	0	0	0.00000E+00	0.00000E+00	-6080.7	0.00000E+00	0.00000E+00	0.00000E+00		
316	0	0	0.00000E+00	0.00000E+00	-13387.	0.00000E+00	0.00000E+00	0.00000E+00		
318	0	0	0.00000E+00	0.00000E+00	-5116.7	0.00000E+00	0.00000E+00	0.00000E+00		
322	0	0	0.00000E+00	0.00000E+00	-23346.	0.00000E+00	0.00000E+00	0.00000E+00		
324	0	0	0.00000E+00	0.00000E+00	-6209.2	0.00000E+00	0.00000E+00	0.00000E+00		
328	0	0	0.00000E+00	0.00000E+00	-56904.	0.00000E+00	0.00000E+00	0.00000E+00		
330	0	0	0.00000E+00	0.00000E+00	-12433.	0.00000E+00	0.00000E+00	0.00000E+00		
334	0	0	0.00000E+00	0.00000E+00	-33246.	0.00000E+00	0.00000E+00	0.00000E+00		
336	0	0	0.00000E+00	0.00000E+00	-6187.5	0.00000E+00	0.00000E+00	0.00000E+00		
340	0	0	0.00000E+00	0.00000E+00	-18758.	0.00000E+00	0.00000E+00	0.00000E+00		
342	0	0	0.00000E+00	0.00000E+00	-5451.9	0.00000E+00	0.00000E+00	0.00000E+00		
1047	0	0	0.00000E+00	0.00000E+00	-6055.5	0.00000E+00	0.00000E+00	0.00000E+00		
1057	0	0	0.00000E+00	0.00000E+00	-51386.	0.00000E+00	0.00000E+00	0.00000E+00		
1067	0	0	0.00000E+00	0.00000E+00	-18282.	0.00000E+00	0.00000E+00	0.00000E+00		
1077	0	0	0.00000E+00	0.00000E+00	-6450.1	0.00000E+00	0.00000E+00	0.00000E+00		
1087	0	0	0.00000E+00	0.00000E+00	-41769.	0.00000E+00	0.00000E+00	0.00000E+00		
1097	0	0	0.00000E+00	0.00000E+00	-10742.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 24
LARGEST NODE OR ELEMENT NUMBER = 1097

L O A D C A S E 6956

LoadID=30 Line=2830 Dir=Fwd Pos=73

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
304	0	0	0.00000E+00	0.00000E+00	-28296.	0.00000E+00	0.00000E+00	0.00000E+00		
306	0	0	0.00000E+00	0.00000E+00	-6250.1	0.00000E+00	0.00000E+00	0.00000E+00		
310	0	0	0.00000E+00	0.00000E+00	-95875.	0.00000E+00	0.00000E+00	0.00000E+00		
312	0	0	0.00000E+00	0.00000E+00	-21194.	0.00000E+00	0.00000E+00	0.00000E+00		
316	0	0	0.00000E+00	0.00000E+00	-3125.1	0.00000E+00	0.00000E+00	0.00000E+00		
318	0	0	0.00000E+00	0.00000E+00	-686.55	0.00000E+00	0.00000E+00	0.00000E+00		
328	0	0	0.00000E+00	0.00000E+00	-20781.	0.00000E+00	0.00000E+00	0.00000E+00		

330	0	0	0.00000E+00	0.00000E+00	-5583.0	0.00000E+00	0.00000E+00	0.00000E+00
334	0	0	0.00000E+00	0.00000E+00	-34390.	0.00000E+00	0.00000E+00	0.00000E+00
336	0	0	0.00000E+00	0.00000E+00	-6168.0	0.00000E+00	0.00000E+00	0.00000E+00
340	0	0	0.00000E+00	0.00000E+00	-55631.	0.00000E+00	0.00000E+00	0.00000E+00
342	0	0	0.00000E+00	0.00000E+00	-12381.	0.00000E+00	0.00000E+00	0.00000E+00
346	0	0	0.00000E+00	0.00000E+00	-21610.	0.00000E+00	0.00000E+00	0.00000E+00
348	0	0	0.00000E+00	0.00000E+00	-6207.1	0.00000E+00	0.00000E+00	0.00000E+00
352	0	0	0.00000E+00	0.00000E+00	-12322.	0.00000E+00	0.00000E+00	0.00000E+00
354	0	0	0.00000E+00	0.00000E+00	-5005.2	0.00000E+00	0.00000E+00	0.00000E+00
1057	0	0	0.00000E+00	0.00000E+00	-18767.	0.00000E+00	0.00000E+00	0.00000E+00
1067	0	0	0.00000E+00	0.00000E+00	-63693.	0.00000E+00	0.00000E+00	0.00000E+00
1077	0	0	0.00000E+00	0.00000E+00	-2113.5	0.00000E+00	0.00000E+00	0.00000E+00
1087	0	0	0.00000E+00	0.00000E+00	-12496.	0.00000E+00	0.00000E+00	0.00000E+00
1097	0	0	0.00000E+00	0.00000E+00	-41693.	0.00000E+00	0.00000E+00	0.00000E+00
1107	0	0	0.00000E+00	0.00000E+00	-5732.9	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 22
LARGEST NODE OR ELEMENT NUMBER = 1107

L O A D C A S E 6957

LoadID=30 Line=2830 Dir=Fwd Pos=74

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
310	0	0	0.00000E+00	0.00000E+00	-73917.	0.00000E+00	0.00000E+00	0.00000E+00		
312	0	0	0.00000E+00	0.00000E+00	-16337.	0.00000E+00	0.00000E+00	0.00000E+00		
316	0	0	0.00000E+00	0.00000E+00	-53393.	0.00000E+00	0.00000E+00	0.00000E+00		
318	0	0	0.00000E+00	0.00000E+00	-11791.	0.00000E+00	0.00000E+00	0.00000E+00		
340	0	0	0.00000E+00	0.00000E+00	-50107.	0.00000E+00	0.00000E+00	0.00000E+00		
342	0	0	0.00000E+00	0.00000E+00	-11925.	0.00000E+00	0.00000E+00	0.00000E+00		
346	0	0	0.00000E+00	0.00000E+00	-57445.	0.00000E+00	0.00000E+00	0.00000E+00		
348	0	0	0.00000E+00	0.00000E+00	-12455.	0.00000E+00	0.00000E+00	0.00000E+00		
352	0	0	0.00000E+00	0.00000E+00	-38749.	0.00000E+00	0.00000E+00	0.00000E+00		
354	0	0	0.00000E+00	0.00000E+00	-11075.	0.00000E+00	0.00000E+00	0.00000E+00		
1067	0	0	0.00000E+00	0.00000E+00	-49037.	0.00000E+00	0.00000E+00	0.00000E+00		
1077	0	0	0.00000E+00	0.00000E+00	-35524.	0.00000E+00	0.00000E+00	0.00000E+00		
1097	0	0	0.00000E+00	0.00000E+00	-35229.	0.00000E+00	0.00000E+00	0.00000E+00		
1107	0	0	0.00000E+00	0.00000E+00	-23014.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
LARGEST NODE OR ELEMENT NUMBER = 1107

L O A D C A S E 6958

LoadID=30 Line=2830 Dir=Fwd Pos=75

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
310	0	0	0.00000E+00	0.00000E+00	-13404.	0.00000E+00	0.00000E+00	0.00000E+00		
312	0	0	0.00000E+00	0.00000E+00	-2964.6	0.00000E+00	0.00000E+00	0.00000E+00		
316	0	0	0.00000E+00	0.00000E+00	-78003.	0.00000E+00	0.00000E+00	0.00000E+00		
318	0	0	0.00000E+00	0.00000E+00	-17247.	0.00000E+00	0.00000E+00	0.00000E+00		
322	0	0	0.00000E+00	0.00000E+00	-30005.	0.00000E+00	0.00000E+00	0.00000E+00		
324	0	0	0.00000E+00	0.00000E+00	-6251.0	0.00000E+00	0.00000E+00	0.00000E+00		
328	0	0	0.00000E+00	0.00000E+00	-16550.	0.00000E+00	0.00000E+00	0.00000E+00		
330	0	0	0.00000E+00	0.00000E+00	-5341.6	0.00000E+00	0.00000E+00	0.00000E+00		
340	0	0	0.00000E+00	0.00000E+00	-16030.	0.00000E+00	0.00000E+00	0.00000E+00		
342	0	0	0.00000E+00	0.00000E+00	-5367.8	0.00000E+00	0.00000E+00	0.00000E+00		
346	0	0	0.00000E+00	0.00000E+00	-28119.	0.00000E+00	0.00000E+00	0.00000E+00		
348	0	0	0.00000E+00	0.00000E+00	-6300.6	0.00000E+00	0.00000E+00	0.00000E+00		
352	0	0	0.00000E+00	0.00000E+00	-77140.	0.00000E+00	0.00000E+00	0.00000E+00		
354	0	0	0.00000E+00	0.00000E+00	-16959.	0.00000E+00	0.00000E+00	0.00000E+00		
358	0	0	0.00000E+00	0.00000E+00	-15476.	0.00000E+00	0.00000E+00	0.00000E+00		
360	0	0	0.00000E+00	0.00000E+00	-3415.0	0.00000E+00	0.00000E+00	0.00000E+00		
1067	0	0	0.00000E+00	0.00000E+00	-8848.7	0.00000E+00	0.00000E+00	0.00000E+00		
1077	0	0	0.00000E+00	0.00000E+00	-52455.	0.00000E+00	0.00000E+00	0.00000E+00		
1087	0	0	0.00000E+00	0.00000E+00	-8930.9	0.00000E+00	0.00000E+00	0.00000E+00		
1097	0	0	0.00000E+00	0.00000E+00	-8438.6	0.00000E+00	0.00000E+00	0.00000E+00		
1107	0	0	0.00000E+00	0.00000E+00	-52453.	0.00000E+00	0.00000E+00	0.00000E+00		
1117	0	0	0.00000E+00	0.00000E+00	-10301.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 22
LARGEST NODE OR ELEMENT NUMBER = 1117

L O A D C A S E 6959

LoadID=30 Line=2830 Dir=Fwd Pos=76

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
316	0	0	0.00000E+00	0.00000E+00	-37227.	0.00000E+00	0.00000E+00	0.00000E+00	
318	0	0	0.00000E+00	0.00000E+00	-10941.	0.00000E+00	0.00000E+00	0.00000E+00	
322	0	0	0.00000E+00	0.00000E+00	-56858.	0.00000E+00	0.00000E+00	0.00000E+00	
324	0	0	0.00000E+00	0.00000E+00	-12390.	0.00000E+00	0.00000E+00	0.00000E+00	
328	0	0	0.00000E+00	0.00000E+00	-51689.	0.00000E+00	0.00000E+00	0.00000E+00	
330	0	0	0.00000E+00	0.00000E+00	-12041.	0.00000E+00	0.00000E+00	0.00000E+00	
352	0	0	0.00000E+00	0.00000E+00	-49060.	0.00000E+00	0.00000E+00	0.00000E+00	
354	0	0	0.00000E+00	0.00000E+00	-10842.	0.00000E+00	0.00000E+00	0.00000E+00	
358	0	0	0.00000E+00	0.00000E+00	-78270.	0.00000E+00	0.00000E+00	0.00000E+00	
360	0	0	0.00000E+00	0.00000E+00	-17287.	0.00000E+00	0.00000E+00	0.00000E+00	
1077	0	0	0.00000E+00	0.00000E+00	-21565.	0.00000E+00	0.00000E+00	0.00000E+00	
1087	0	0	0.00000E+00	0.00000E+00	-37289.	0.00000E+00	0.00000E+00	0.00000E+00	
1107	0	0	0.00000E+00	0.00000E+00	-32599.	0.00000E+00	0.00000E+00	0.00000E+00	
1117	0	0	0.00000E+00	0.00000E+00	-51942.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14
LARGEST NODE OR ELEMENT NUMBER = 1117

L O A D C A S E 6960

LoadID=30 Line=2830 Dir=Fwd Pos=77

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
328	0	0	0.00000E+00	0.00000E+00	-54754.	0.00000E+00	0.00000E+00	0.00000E+00	
330	0	0	0.00000E+00	0.00000E+00	-12337.	0.00000E+00	0.00000E+00	0.00000E+00	
334	0	0	0.00000E+00	0.00000E+00	-55662.	0.00000E+00	0.00000E+00	0.00000E+00	
336	0	0	0.00000E+00	0.00000E+00	-12367.	0.00000E+00	0.00000E+00	0.00000E+00	
340	0	0	0.00000E+00	0.00000E+00	-34222.	0.00000E+00	0.00000E+00	0.00000E+00	
342	0	0	0.00000E+00	0.00000E+00	-10708.	0.00000E+00	0.00000E+00	0.00000E+00	
352	0	0	0.00000E+00	0.00000E+00	-876.91	0.00000E+00	0.00000E+00	0.00000E+00	
354	0	0	0.00000E+00	0.00000E+00	-187.76	0.00000E+00	0.00000E+00	0.00000E+00	
358	0	0	0.00000E+00	0.00000E+00	-95925.	0.00000E+00	0.00000E+00	0.00000E+00	
360	0	0	0.00000E+00	0.00000E+00	-21196.	0.00000E+00	0.00000E+00	0.00000E+00	
364	0	0	0.00000E+00	0.00000E+00	-30545.	0.00000E+00	0.00000E+00	0.00000E+00	
366	0	0	0.00000E+00	0.00000E+00	-6747.8	0.00000E+00	0.00000E+00	0.00000E+00	
1087	0	0	0.00000E+00	0.00000E+00	-40869.	0.00000E+00	0.00000E+00	0.00000E+00	
1097	0	0	0.00000E+00	0.00000E+00	-19080.	0.00000E+00	0.00000E+00	0.00000E+00	
1107	0	0	0.00000E+00	0.00000E+00	-628.65	0.00000E+00	0.00000E+00	0.00000E+00	
1117	0	0	0.00000E+00	0.00000E+00	-63646.	0.00000E+00	0.00000E+00	0.00000E+00	
1127	0	0	0.00000E+00	0.00000E+00	-20246.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 17
LARGEST NODE OR ELEMENT NUMBER = 1127

L O A D C A S E 6961

LoadID=30 Line=2830 Dir=Fwd Pos=78

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
328	0	0	0.00000E+00	0.00000E+00	-18015.	0.00000E+00	0.00000E+00	0.00000E+00	
330	0	0	0.00000E+00	0.00000E+00	-5411.4	0.00000E+00	0.00000E+00	0.00000E+00	
334	0	0	0.00000E+00	0.00000E+00	-32408.	0.00000E+00	0.00000E+00	0.00000E+00	
336	0	0	0.00000E+00	0.00000E+00	-6204.6	0.00000E+00	0.00000E+00	0.00000E+00	
340	0	0	0.00000E+00	0.00000E+00	-57038.	0.00000E+00	0.00000E+00	0.00000E+00	
342	0	0	0.00000E+00	0.00000E+00	-12394.	0.00000E+00	0.00000E+00	0.00000E+00	
346	0	0	0.00000E+00	0.00000E+00	-25184.	0.00000E+00	0.00000E+00	0.00000E+00	
348	0	0	0.00000E+00	0.00000E+00	-6206.6	0.00000E+00	0.00000E+00	0.00000E+00	
352	0	0	0.00000E+00	0.00000E+00	-13764.	0.00000E+00	0.00000E+00	0.00000E+00	
354	0	0	0.00000E+00	0.00000E+00	-5098.9	0.00000E+00	0.00000E+00	0.00000E+00	
358	0	0	0.00000E+00	0.00000E+00	-25263.	0.00000E+00	0.00000E+00	0.00000E+00	
360	0	0	0.00000E+00	0.00000E+00	-5581.4	0.00000E+00	0.00000E+00	0.00000E+00	
364	0	0	0.00000E+00	0.00000E+00	-95860.	0.00000E+00	0.00000E+00	0.00000E+00	
366	0	0	0.00000E+00	0.00000E+00	-21175.	0.00000E+00	0.00000E+00	0.00000E+00	
370	0	0	0.00000E+00	0.00000E+00	-6172.2	0.00000E+00	0.00000E+00	0.00000E+00	
372	0	0	0.00000E+00	0.00000E+00	-1372.7	0.00000E+00	0.00000E+00	0.00000E+00	
1087	0	0	0.00000E+00	0.00000E+00	-10134.	0.00000E+00	0.00000E+00	0.00000E+00	
1097	0	0	0.00000E+00	0.00000E+00	-41313.	0.00000E+00	0.00000E+00	0.00000E+00	
1107	0	0	0.00000E+00	0.00000E+00	-6829.2	0.00000E+00	0.00000E+00	0.00000E+00	
1117	0	0	0.00000E+00	0.00000E+00	-16810.	0.00000E+00	0.00000E+00	0.00000E+00	
1127	0	0	0.00000E+00	0.00000E+00	-63738.	0.00000E+00	0.00000E+00	0.00000E+00	
1137	0	0	0.00000E+00	0.00000E+00	-4028.0	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 22
LARGEST NODE OR ELEMENT NUMBER = 1137

L O A D C A S E 6962

LoadID=30 Line=2830 Dir=Fwd Pos=79

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
340	0	0	0.00000E+00	0.00000E+00	-44389.	0.00000E+00	0.00000E+00	0.00000E+00	
342	0	0	0.00000E+00	0.00000E+00	-11533.	0.00000E+00	0.00000E+00	0.00000E+00	
346	0	0	0.00000E+00	0.00000E+00	-57867.	0.00000E+00	0.00000E+00	0.00000E+00	
348	0	0	0.00000E+00	0.00000E+00	-12510.	0.00000E+00	0.00000E+00	0.00000E+00	
352	0	0	0.00000E+00	0.00000E+00	-44836.	0.00000E+00	0.00000E+00	0.00000E+00	
354	0	0	0.00000E+00	0.00000E+00	-11572.	0.00000E+00	0.00000E+00	0.00000E+00	
364	0	0	0.00000E+00	0.00000E+00	-67848.	0.00000E+00	0.00000E+00	0.00000E+00	
366	0	0	0.00000E+00	0.00000E+00	-14982.	0.00000E+00	0.00000E+00	0.00000E+00	
370	0	0	0.00000E+00	0.00000E+00	-59467.	0.00000E+00	0.00000E+00	0.00000E+00	
372	0	0	0.00000E+00	0.00000E+00	-13146.	0.00000E+00	0.00000E+00	0.00000E+00	
1097	0	0	0.00000E+00	0.00000E+00	-28291.	0.00000E+00	0.00000E+00	0.00000E+00	
1107	0	0	0.00000E+00	0.00000E+00	-29001.	0.00000E+00	0.00000E+00	0.00000E+00	
1127	0	0	0.00000E+00	0.00000E+00	-45184.	0.00000E+00	0.00000E+00	0.00000E+00	
1137	0	0	0.00000E+00	0.00000E+00	-39374.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1137

L O A D C A S E 6963

LoadID=30 Line=2830 Dir=Fwd Pos=80

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
340	0	0	0.00000E+00	0.00000E+00	-13851.	0.00000E+00	0.00000E+00	0.00000E+00	
342	0	0	0.00000E+00	0.00000E+00	-5195.4	0.00000E+00	0.00000E+00	0.00000E+00	
346	0	0	0.00000E+00	0.00000E+00	-23587.	0.00000E+00	0.00000E+00	0.00000E+00	
348	0	0	0.00000E+00	0.00000E+00	-6230.0	0.00000E+00	0.00000E+00	0.00000E+00	
352	0	0	0.00000E+00	0.00000E+00	-72645.	0.00000E+00	0.00000E+00	0.00000E+00	
354	0	0	0.00000E+00	0.00000E+00	-15522.	0.00000E+00	0.00000E+00	0.00000E+00	
358	0	0	0.00000E+00	0.00000E+00	-23321.	0.00000E+00	0.00000E+00	0.00000E+00	
360	0	0	0.00000E+00	0.00000E+00	-5145.0	0.00000E+00	0.00000E+00	0.00000E+00	
364	0	0	0.00000E+00	0.00000E+00	-10367.	0.00000E+00	0.00000E+00	0.00000E+00	
366	0	0	0.00000E+00	0.00000E+00	-2284.3	0.00000E+00	0.00000E+00	0.00000E+00	
370	0	0	0.00000E+00	0.00000E+00	-95905.	0.00000E+00	0.00000E+00	0.00000E+00	
372	0	0	0.00000E+00	0.00000E+00	-21184.	0.00000E+00	0.00000E+00	0.00000E+00	
376	0	0	0.00000E+00	0.00000E+00	-21072.	0.00000E+00	0.00000E+00	0.00000E+00	
378	0	0	0.00000E+00	0.00000E+00	-4659.8	0.00000E+00	0.00000E+00	0.00000E+00	
1097	0	0	0.00000E+00	0.00000E+00	-6734.2	0.00000E+00	0.00000E+00	0.00000E+00	
1107	0	0	0.00000E+00	0.00000E+00	-52192.	0.00000E+00	0.00000E+00	0.00000E+00	
1117	0	0	0.00000E+00	0.00000E+00	-15578.	0.00000E+00	0.00000E+00	0.00000E+00	
1127	0	0	0.00000E+00	0.00000E+00	-6934.9	0.00000E+00	0.00000E+00	0.00000E+00	
1137	0	0	0.00000E+00	0.00000E+00	-63669.	0.00000E+00	0.00000E+00	0.00000E+00	
1147	0	0	0.00000E+00	0.00000E+00	-13924.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1147

L O A D C A S E 6964

LoadID=30 Line=2830 Dir=Fwd Pos=81

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
352	0	0	0.00000E+00	0.00000E+00	-33378.	0.00000E+00	0.00000E+00	0.00000E+00	
354	0	0	0.00000E+00	0.00000E+00	-7386.0	0.00000E+00	0.00000E+00	0.00000E+00	
358	0	0	0.00000E+00	0.00000E+00	-93967.	0.00000E+00	0.00000E+00	0.00000E+00	
360	0	0	0.00000E+00	0.00000E+00	-20746.	0.00000E+00	0.00000E+00	0.00000E+00	
370	0	0	0.00000E+00	0.00000E+00	-38035.	0.00000E+00	0.00000E+00	0.00000E+00	
372	0	0	0.00000E+00	0.00000E+00	-8390.6	0.00000E+00	0.00000E+00	0.00000E+00	
376	0	0	0.00000E+00	0.00000E+00	-89266.	0.00000E+00	0.00000E+00	0.00000E+00	
378	0	0	0.00000E+00	0.00000E+00	-19740.	0.00000E+00	0.00000E+00	0.00000E+00	
1107	0	0	0.00000E+00	0.00000E+00	-22033.	0.00000E+00	0.00000E+00	0.00000E+00	
1117	0	0	0.00000E+00	0.00000E+00	-62489.	0.00000E+00	0.00000E+00	0.00000E+00	
1137	0	0	0.00000E+00	0.00000E+00	-25390.	0.00000E+00	0.00000E+00	0.00000E+00	
1147	0	0	0.00000E+00	0.00000E+00	-59179.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1147

L O A D C A S E 6965

LoadID=30 Line=2830 Dir=Fwd Pos=82

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
358	0	0	0.00000E+00	0.00000E+00	-82037.	0.00000E+00	0.00000E+00	0.00000E+00	
360	0	0	0.00000E+00	0.00000E+00	-18128.	0.00000E+00	0.00000E+00	0.00000E+00	
364	0	0	0.00000E+00	0.00000E+00	-45296.	0.00000E+00	0.00000E+00	0.00000E+00	
366	0	0	0.00000E+00	0.00000E+00	-10001.	0.00000E+00	0.00000E+00	0.00000E+00	
376	0	0	0.00000E+00	0.00000E+00	-53007.	0.00000E+00	0.00000E+00	0.00000E+00	
378	0	0	0.00000E+00	0.00000E+00	-12177.	0.00000E+00	0.00000E+00	0.00000E+00	
382	0	0	0.00000E+00	0.00000E+00	-56121.	0.00000E+00	0.00000E+00	0.00000E+00	
384	0	0	0.00000E+00	0.00000E+00	-12360.	0.00000E+00	0.00000E+00	0.00000E+00	
388	0	0	0.00000E+00	0.00000E+00	-36053.	0.00000E+00	0.00000E+00	0.00000E+00	
390	0	0	0.00000E+00	0.00000E+00	-10866.	0.00000E+00	0.00000E+00	0.00000E+00	
1117	0	0	0.00000E+00	0.00000E+00	-54372.	0.00000E+00	0.00000E+00	0.00000E+00	
1127	0	0	0.00000E+00	0.00000E+00	-30166.	0.00000E+00	0.00000E+00	0.00000E+00	
1147	0	0	0.00000E+00	0.00000E+00	-38896.	0.00000E+00	0.00000E+00	0.00000E+00	
1157	0	0	0.00000E+00	0.00000E+00	-20520.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14
LARGEST NODE OR ELEMENT NUMBER = 1157

L O A D C A S E 6966

LoadID=30 Line=2830 Dir=Fwd Pos=83

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
358	0	0	0.00000E+00	0.00000E+00	-17444.	0.00000E+00	0.00000E+00	0.00000E+00	
360	0	0	0.00000E+00	0.00000E+00	-3857.5	0.00000E+00	0.00000E+00	0.00000E+00	
364	0	0	0.00000E+00	0.00000E+00	-95869.	0.00000E+00	0.00000E+00	0.00000E+00	
366	0	0	0.00000E+00	0.00000E+00	-21182.	0.00000E+00	0.00000E+00	0.00000E+00	
370	0	0	0.00000E+00	0.00000E+00	-13979.	0.00000E+00	0.00000E+00	0.00000E+00	
372	0	0	0.00000E+00	0.00000E+00	-3088.2	0.00000E+00	0.00000E+00	0.00000E+00	
376	0	0	0.00000E+00	0.00000E+00	-16972.	0.00000E+00	0.00000E+00	0.00000E+00	
378	0	0	0.00000E+00	0.00000E+00	-5319.3	0.00000E+00	0.00000E+00	0.00000E+00	
382	0	0	0.00000E+00	0.00000E+00	-31528.	0.00000E+00	0.00000E+00	0.00000E+00	
384	0	0	0.00000E+00	0.00000E+00	-6204.7	0.00000E+00	0.00000E+00	0.00000E+00	
388	0	0	0.00000E+00	0.00000E+00	-78721.	0.00000E+00	0.00000E+00	0.00000E+00	
390	0	0	0.00000E+00	0.00000E+00	-17508.	0.00000E+00	0.00000E+00	0.00000E+00	
394	0	0	0.00000E+00	0.00000E+00	-11598.	0.00000E+00	0.00000E+00	0.00000E+00	
396	0	0	0.00000E+00	0.00000E+00	-2569.3	0.00000E+00	0.00000E+00	0.00000E+00	
1117	0	0	0.00000E+00	0.00000E+00	-11546.	0.00000E+00	0.00000E+00	0.00000E+00	
1127	0	0	0.00000E+00	0.00000E+00	-63721.	0.00000E+00	0.00000E+00	0.00000E+00	
1137	0	0	0.00000E+00	0.00000E+00	-9312.1	0.00000E+00	0.00000E+00	0.00000E+00	
1147	0	0	0.00000E+00	0.00000E+00	-9356.4	0.00000E+00	0.00000E+00	0.00000E+00	
1157	0	0	0.00000E+00	0.00000E+00	-52597.	0.00000E+00	0.00000E+00	0.00000E+00	
1167	0	0	0.00000E+00	0.00000E+00	-7625.6	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1167

L O A D C A S E 6967

LoadID=30 Line=2830 Dir=Fwd Pos=84

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
364	0	0	0.00000E+00	0.00000E+00	-52226.	0.00000E+00	0.00000E+00	0.00000E+00	
366	0	0	0.00000E+00	0.00000E+00	-11541.	0.00000E+00	0.00000E+00	0.00000E+00	
370	0	0	0.00000E+00	0.00000E+00	-75101.	0.00000E+00	0.00000E+00	0.00000E+00	
372	0	0	0.00000E+00	0.00000E+00	-16588.	0.00000E+00	0.00000E+00	0.00000E+00	
388	0	0	0.00000E+00	0.00000E+00	-57006.	0.00000E+00	0.00000E+00	0.00000E+00	
390	0	0	0.00000E+00	0.00000E+00	-12583.	0.00000E+00	0.00000E+00	0.00000E+00	
394	0	0	0.00000E+00	0.00000E+00	-70307.	0.00000E+00	0.00000E+00	0.00000E+00	
396	0	0	0.00000E+00	0.00000E+00	-15545.	0.00000E+00	0.00000E+00	0.00000E+00	
1127	0	0	0.00000E+00	0.00000E+00	-34633.	0.00000E+00	0.00000E+00	0.00000E+00	
1137	0	0	0.00000E+00	0.00000E+00	-49911.	0.00000E+00	0.00000E+00	0.00000E+00	
1157	0	0	0.00000E+00	0.00000E+00	-37966.	0.00000E+00	0.00000E+00	0.00000E+00	
1167	0	0	0.00000E+00	0.00000E+00	-46593.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1167

L O A D C A S E 6968

LoadID=30 Line=2830 Dir=Fwd Pos=85

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
364	0	0	0.00000E+00	0.00000E+00	-2559.5	0.00000E+00	0.00000E+00	0.00000E+00		
366	0	0	0.00000E+00	0.00000E+00	-571.28	0.00000E+00	0.00000E+00	0.00000E+00		
370	0	0	0.00000E+00	0.00000E+00	-95894.	0.00000E+00	0.00000E+00	0.00000E+00		
372	0	0	0.00000E+00	0.00000E+00	-21173.	0.00000E+00	0.00000E+00	0.00000E+00		
376	0	0	0.00000E+00	0.00000E+00	-28893.	0.00000E+00	0.00000E+00	0.00000E+00		
378	0	0	0.00000E+00	0.00000E+00	-6386.9	0.00000E+00	0.00000E+00	0.00000E+00		
388	0	0	0.00000E+00	0.00000E+00	-4931.0	0.00000E+00	0.00000E+00	0.00000E+00		
390	0	0	0.00000E+00	0.00000E+00	-1083.4	0.00000E+00	0.00000E+00	0.00000E+00		
394	0	0	0.00000E+00	0.00000E+00	-95873.	0.00000E+00	0.00000E+00	0.00000E+00		
396	0	0	0.00000E+00	0.00000E+00	-21192.	0.00000E+00	0.00000E+00	0.00000E+00		
400	0	0	0.00000E+00	0.00000E+00	-26491.	0.00000E+00	0.00000E+00	0.00000E+00		
402	0	0	0.00000E+00	0.00000E+00	-5855.0	0.00000E+00	0.00000E+00	0.00000E+00		
1127	0	0	0.00000E+00	0.00000E+00	-1648.8	0.00000E+00	0.00000E+00	0.00000E+00		
1137	0	0	0.00000E+00	0.00000E+00	-63686.	0.00000E+00	0.00000E+00	0.00000E+00		
1147	0	0	0.00000E+00	0.00000E+00	-19188.	0.00000E+00	0.00000E+00	0.00000E+00		
1157	0	0	0.00000E+00	0.00000E+00	-3333.8	0.00000E+00	0.00000E+00	0.00000E+00		
1167	0	0	0.00000E+00	0.00000E+00	-63696.	0.00000E+00	0.00000E+00	0.00000E+00		
1177	0	0	0.00000E+00	0.00000E+00	-17545.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 18
LARGEST NODE OR ELEMENT NUMBER = 1177

L O A D C A S E 6969

LoadID=30 Line=2830 Dir=Fwd Pos=86

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
370	0	0	0.00000E+00	0.00000E+00	-26916.	0.00000E+00	0.00000E+00	0.00000E+00		
372	0	0	0.00000E+00	0.00000E+00	-5944.5	0.00000E+00	0.00000E+00	0.00000E+00		
376	0	0	0.00000E+00	0.00000E+00	-70153.	0.00000E+00	0.00000E+00	0.00000E+00		
378	0	0	0.00000E+00	0.00000E+00	-14797.	0.00000E+00	0.00000E+00	0.00000E+00		
382	0	0	0.00000E+00	0.00000E+00	-21920.	0.00000E+00	0.00000E+00	0.00000E+00		
384	0	0	0.00000E+00	0.00000E+00	-6209.7	0.00000E+00	0.00000E+00	0.00000E+00		
388	0	0	0.00000E+00	0.00000E+00	-13108.	0.00000E+00	0.00000E+00	0.00000E+00		
390	0	0	0.00000E+00	0.00000E+00	-5137.2	0.00000E+00	0.00000E+00	0.00000E+00		
394	0	0	0.00000E+00	0.00000E+00	-29320.	0.00000E+00	0.00000E+00	0.00000E+00		
396	0	0	0.00000E+00	0.00000E+00	-6477.4	0.00000E+00	0.00000E+00	0.00000E+00		
400	0	0	0.00000E+00	0.00000E+00	-95900.	0.00000E+00	0.00000E+00	0.00000E+00		
402	0	0	0.00000E+00	0.00000E+00	-21175.	0.00000E+00	0.00000E+00	0.00000E+00		
406	0	0	0.00000E+00	0.00000E+00	-2126.9	0.00000E+00	0.00000E+00	0.00000E+00		
408	0	0	0.00000E+00	0.00000E+00	-479.54	0.00000E+00	0.00000E+00	0.00000E+00		
1137	0	0	0.00000E+00	0.00000E+00	-17860.	0.00000E+00	0.00000E+00	0.00000E+00		
1147	0	0	0.00000E+00	0.00000E+00	-51765.	0.00000E+00	0.00000E+00	0.00000E+00		
1157	0	0	0.00000E+00	0.00000E+00	-6189.3	0.00000E+00	0.00000E+00	0.00000E+00		
1167	0	0	0.00000E+00	0.00000E+00	-19503.	0.00000E+00	0.00000E+00	0.00000E+00		
1177	0	0	0.00000E+00	0.00000E+00	-63687.	0.00000E+00	0.00000E+00	0.00000E+00		
1191	0	0	0.00000E+00	0.00000E+00	-1332.5	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1191

L O A D C A S E 6970

LoadID=30 Line=2830 Dir=Fwd Pos=87

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
376	0	0	0.00000E+00	0.00000E+00	-47655.	0.00000E+00	0.00000E+00	0.00000E+00		
378	0	0	0.00000E+00	0.00000E+00	-11759.	0.00000E+00	0.00000E+00	0.00000E+00		
382	0	0	0.00000E+00	0.00000E+00	-57595.	0.00000E+00	0.00000E+00	0.00000E+00		
384	0	0	0.00000E+00	0.00000E+00	-12464.	0.00000E+00	0.00000E+00	0.00000E+00		
388	0	0	0.00000E+00	0.00000E+00	-41655.	0.00000E+00	0.00000E+00	0.00000E+00		
390	0	0	0.00000E+00	0.00000E+00	-11311.	0.00000E+00	0.00000E+00	0.00000E+00		
400	0	0	0.00000E+00	0.00000E+00	-75962.	0.00000E+00	0.00000E+00	0.00000E+00		
402	0	0	0.00000E+00	0.00000E+00	-16772.	0.00000E+00	0.00000E+00	0.00000E+00		
406	0	0	0.00000E+00	0.00000E+00	-51366.	0.00000E+00	0.00000E+00	0.00000E+00		
408	0	0	0.00000E+00	0.00000E+00	-11357.	0.00000E+00	0.00000E+00	0.00000E+00		
1147	0	0	0.00000E+00	0.00000E+00	-31940.	0.00000E+00	0.00000E+00	0.00000E+00		
1157	0	0	0.00000E+00	0.00000E+00	-25621.	0.00000E+00	0.00000E+00	0.00000E+00		
1177	0	0	0.00000E+00	0.00000E+00	-50530.	0.00000E+00	0.00000E+00	0.00000E+00		
1191	0	0	0.00000E+00	0.00000E+00	-34013.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
LARGEST NODE OR ELEMENT NUMBER = 1191

L O A D C A S E 6971

LoadID=30 Line=2830 Dir=Fwd Pos=88

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
376	0	0	0.00000E+00	0.00000E+00	-14677.	0.00000E+00	0.00000E+00	0.00000E+00		
378	0	0	0.00000E+00	0.00000E+00	-5162.9	0.00000E+00	0.00000E+00	0.00000E+00		
382	0	0	0.00000E+00	0.00000E+00	-27142.	0.00000E+00	0.00000E+00	0.00000E+00		
384	0	0	0.00000E+00	0.00000E+00	-6202.0	0.00000E+00	0.00000E+00	0.00000E+00		
388	0	0	0.00000E+00	0.00000E+00	-74614.	0.00000E+00	0.00000E+00	0.00000E+00		
390	0	0	0.00000E+00	0.00000E+00	-16111.	0.00000E+00	0.00000E+00	0.00000E+00		
394	0	0	0.00000E+00	0.00000E+00	-19412.	0.00000E+00	0.00000E+00	0.00000E+00		
396	0	0	0.00000E+00	0.00000E+00	-4288.8	0.00000E+00	0.00000E+00	0.00000E+00		
400	0	0	0.00000E+00	0.00000E+00	-14407.	0.00000E+00	0.00000E+00	0.00000E+00		
402	0	0	0.00000E+00	0.00000E+00	-3180.3	0.00000E+00	0.00000E+00	0.00000E+00		
406	0	0	0.00000E+00	0.00000E+00	-95866.	0.00000E+00	0.00000E+00	0.00000E+00		
408	0	0	0.00000E+00	0.00000E+00	-21182.	0.00000E+00	0.00000E+00	0.00000E+00		
414	0	0	0.00000E+00	0.00000E+00	-3765.7	0.00000E+00	0.00000E+00	0.00000E+00		
416	0	0	0.00000E+00	0.00000E+00	-17020.	0.00000E+00	0.00000E+00	0.00000E+00		
1147	0	0	0.00000E+00	0.00000E+00	-7499.0	0.00000E+00	0.00000E+00	0.00000E+00		
1157	0	0	0.00000E+00	0.00000E+00	-51988.	0.00000E+00	0.00000E+00	0.00000E+00		
1167	0	0	0.00000E+00	0.00000E+00	-12902.	0.00000E+00	0.00000E+00	0.00000E+00		
1177	0	0	0.00000E+00	0.00000E+00	-9616.0	0.00000E+00	0.00000E+00	0.00000E+00		
1191	0	0	0.00000E+00	0.00000E+00	-63714.	0.00000E+00	0.00000E+00	0.00000E+00		
1203	0	0	0.00000E+00	0.00000E+00	-11249.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1203

L O A D C A S E 6972

LoadID=30 Line=2830 Dir=Fwd Pos=89

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
388	0	0	0.00000E+00	0.00000E+00	-41374.	0.00000E+00	0.00000E+00	0.00000E+00		
390	0	0	0.00000E+00	0.00000E+00	-9142.7	0.00000E+00	0.00000E+00	0.00000E+00		
394	0	0	0.00000E+00	0.00000E+00	-85929.	0.00000E+00	0.00000E+00	0.00000E+00		
396	0	0	0.00000E+00	0.00000E+00	-18987.	0.00000E+00	0.00000E+00	0.00000E+00		
406	0	0	0.00000E+00	0.00000E+00	-46141.	0.00000E+00	0.00000E+00	0.00000E+00		
408	0	0	0.00000E+00	0.00000E+00	-10185.	0.00000E+00	0.00000E+00	0.00000E+00		
414	0	0	0.00000E+00	0.00000E+00	-17944.	0.00000E+00	0.00000E+00	0.00000E+00		
416	0	0	0.00000E+00	0.00000E+00	-81192.	0.00000E+00	0.00000E+00	0.00000E+00		
1157	0	0	0.00000E+00	0.00000E+00	-27419.	0.00000E+00	0.00000E+00	0.00000E+00		
1167	0	0	0.00000E+00	0.00000E+00	-57148.	0.00000E+00	0.00000E+00	0.00000E+00		
1191	0	0	0.00000E+00	0.00000E+00	-30747.	0.00000E+00	0.00000E+00	0.00000E+00		
1203	0	0	0.00000E+00	0.00000E+00	-53792.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1203

L O A D C A S E 6973

LoadID=30 Line=2830 Dir=Fwd Pos=90

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
394	0	0	0.00000E+00	0.00000E+00	-90113.	0.00000E+00	0.00000E+00	0.00000E+00		
396	0	0	0.00000E+00	0.00000E+00	-19919.	0.00000E+00	0.00000E+00	0.00000E+00		
400	0	0	0.00000E+00	0.00000E+00	-37188.	0.00000E+00	0.00000E+00	0.00000E+00		
402	0	0	0.00000E+00	0.00000E+00	-8212.1	0.00000E+00	0.00000E+00	0.00000E+00		
414	0	0	0.00000E+00	0.00000E+00	-12354.	0.00000E+00	0.00000E+00	0.00000E+00		
416	0	0	0.00000E+00	0.00000E+00	-55164.	0.00000E+00	0.00000E+00	0.00000E+00		
420	0	0	0.00000E+00	0.00000E+00	-12373.	0.00000E+00	0.00000E+00	0.00000E+00		
422	0	0	0.00000E+00	0.00000E+00	-55912.	0.00000E+00	0.00000E+00	0.00000E+00		
426	0	0	0.00000E+00	0.00000E+00	-10641.	0.00000E+00	0.00000E+00	0.00000E+00		
428	0	0	0.00000E+00	0.00000E+00	-33695.	0.00000E+00	0.00000E+00	0.00000E+00		
1167	0	0	0.00000E+00	0.00000E+00	-59808.	0.00000E+00	0.00000E+00	0.00000E+00		
1177	0	0	0.00000E+00	0.00000E+00	-24761.	0.00000E+00	0.00000E+00	0.00000E+00		
1203	0	0	0.00000E+00	0.00000E+00	-41265.	0.00000E+00	0.00000E+00	0.00000E+00		
1213	0	0	0.00000E+00	0.00000E+00	-18597.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1213

L O A D C A S E 6974

LoadID=30 Line=2830 Dir=Fwd Pos=91

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
394	0	0	0.00000E+00	0.00000E+00	-21500.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
396	0	0	0.00000E+00	0.00000E+00	-4750.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
400	0	0	0.00000E+00	0.00000E+00	-95909.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
402	0	0	0.00000E+00	0.00000E+00	-21186.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
406	0	0	0.00000E+00	0.00000E+00	-9934.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
408	0	0	0.00000E+00	0.00000E+00	-2192.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
414	0	0	0.00000E+00	0.00000E+00	-5482.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
416	0	0	0.00000E+00	0.00000E+00	-18468.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
420	0	0	0.00000E+00	0.00000E+00	-6243.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
422	0	0	0.00000E+00	0.00000E+00	-32295.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
426	0	0	0.00000E+00	0.00000E+00	-18313.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
428	0	0	0.00000E+00	0.00000E+00	-81002.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
432	0	0	0.00000E+00	0.00000E+00	-1699.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
434	0	0	0.00000E+00	0.00000E+00	-7637.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1167	0	0	0.00000E+00	0.00000E+00	-14240.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1177	0	0	0.00000E+00	0.00000E+00	-63666.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1191	0	0	0.00000E+00	0.00000E+00	-6621.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1203	0	0	0.00000E+00	0.00000E+00	-10468.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1213	0	0	0.00000E+00	0.00000E+00	-53417.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1222	0	0	0.00000E+00	0.00000E+00	-4972.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1222

LOAD CASE 6975

LoadID=30 Line=2830 Dir=Fwd Pos=92

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
400	0	0	0.00000E+00	0.00000E+00	-60326.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
402	0	0	0.00000E+00	0.00000E+00	-13330.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
406	0	0	0.00000E+00	0.00000E+00	-66989.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
408	0	0	0.00000E+00	0.00000E+00	-14798.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
426	0	0	0.00000E+00	0.00000E+00	-14346.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
428	0	0	0.00000E+00	0.00000E+00	-64984.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
432	0	0	0.00000E+00	0.00000E+00	-13782.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
434	0	0	0.00000E+00	0.00000E+00	-62333.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1177	0	0	0.00000E+00	0.00000E+00	-39990.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1191	0	0	0.00000E+00	0.00000E+00	-44567.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1213	0	0	0.00000E+00	0.00000E+00	-43302.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1222	0	0	0.00000E+00	0.00000E+00	-41254.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1222

LOAD CASE 6976

LoadID=30 Line=2830 Dir=Fwd Pos=93

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
400	0	0	0.00000E+00	0.00000E+00	-6599.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
402	0	0	0.00000E+00	0.00000E+00	-1464.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
406	0	0	0.00000E+00	0.00000E+00	-95857.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
408	0	0	0.00000E+00	0.00000E+00	-21176.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
414	0	0	0.00000E+00	0.00000E+00	-5489.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
416	0	0	0.00000E+00	0.00000E+00	-24838.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
426	0	0	0.00000E+00	0.00000E+00	-1975.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
428	0	0	0.00000E+00	0.00000E+00	-8967.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
432	0	0	0.00000E+00	0.00000E+00	-21191.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
434	0	0	0.00000E+00	0.00000E+00	-95926.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
438	0	0	0.00000E+00	0.00000E+00	-4962.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
440	0	0	0.00000E+00	0.00000E+00	-22450.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1177	0	0	0.00000E+00	0.00000E+00	-4330.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1191	0	0	0.00000E+00	0.00000E+00	-63729.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1203	0	0	0.00000E+00	0.00000E+00	-16516.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1213	0	0	0.00000E+00	0.00000E+00	-5998.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1222	0	0	0.00000E+00	0.00000E+00	-63673.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1232	0	0	0.00000E+00	0.00000E+00	-14855.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 18
LARGEST NODE OR ELEMENT NUMBER = 1232

L O A D C A S E 6977

LoadID=30 Line=2830 Dir=Fwd Pos=94

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
406	0	0	0.00000E+00	0.00000E+00	-30967.	0.00000E+00	0.00000E+00	0.00000E+00		
408	0	0	0.00000E+00	0.00000E+00	-6839.6	0.00000E+00	0.00000E+00	0.00000E+00		
414	0	0	0.00000E+00	0.00000E+00	-13953.	0.00000E+00	0.00000E+00	0.00000E+00		
416	0	0	0.00000E+00	0.00000E+00	-66645.	0.00000E+00	0.00000E+00	0.00000E+00		
420	0	0	0.00000E+00	0.00000E+00	-6219.8	0.00000E+00	0.00000E+00	0.00000E+00		
422	0	0	0.00000E+00	0.00000E+00	-21539.	0.00000E+00	0.00000E+00	0.00000E+00		
426	0	0	0.00000E+00	0.00000E+00	-5024.5	0.00000E+00	0.00000E+00	0.00000E+00		
428	0	0	0.00000E+00	0.00000E+00	-12376.	0.00000E+00	0.00000E+00	0.00000E+00		
432	0	0	0.00000E+00	0.00000E+00	-7787.7	0.00000E+00	0.00000E+00	0.00000E+00		
434	0	0	0.00000E+00	0.00000E+00	-35292.	0.00000E+00	0.00000E+00	0.00000E+00		
438	0	0	0.00000E+00	0.00000E+00	-20344.	0.00000E+00	0.00000E+00	0.00000E+00		
440	0	0	0.00000E+00	0.00000E+00	-92008.	0.00000E+00	0.00000E+00	0.00000E+00		
1191	0	0	0.00000E+00	0.00000E+00	-20539.	0.00000E+00	0.00000E+00	0.00000E+00		
1203	0	0	0.00000E+00	0.00000E+00	-50164.	0.00000E+00	0.00000E+00	0.00000E+00		
1213	0	0	0.00000E+00	0.00000E+00	-5731.7	0.00000E+00	0.00000E+00	0.00000E+00		
1222	0	0	0.00000E+00	0.00000E+00	-23545.	0.00000E+00	0.00000E+00	0.00000E+00		
1232	0	0	0.00000E+00	0.00000E+00	-61025.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 17
 LARGEST NODE OR ELEMENT NUMBER = 1232

L O A D C A S E 6978

LoadID=30 Line=2830 Dir=Fwd Pos=95

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
414	0	0	0.00000E+00	0.00000E+00	-11919.	0.00000E+00	0.00000E+00	0.00000E+00		
416	0	0	0.00000E+00	0.00000E+00	-50263.	0.00000E+00	0.00000E+00	0.00000E+00		
420	0	0	0.00000E+00	0.00000E+00	-12428.	0.00000E+00	0.00000E+00	0.00000E+00		
422	0	0	0.00000E+00	0.00000E+00	-57311.	0.00000E+00	0.00000E+00	0.00000E+00		
426	0	0	0.00000E+00	0.00000E+00	-11059.	0.00000E+00	0.00000E+00	0.00000E+00		
428	0	0	0.00000E+00	0.00000E+00	-38761.	0.00000E+00	0.00000E+00	0.00000E+00		
438	0	0	0.00000E+00	0.00000E+00	-18563.	0.00000E+00	0.00000E+00	0.00000E+00		
440	0	0	0.00000E+00	0.00000E+00	-84042.	0.00000E+00	0.00000E+00	0.00000E+00		
444	0	0	0.00000E+00	0.00000E+00	-9566.9	0.00000E+00	0.00000E+00	0.00000E+00		
446	0	0	0.00000E+00	0.00000E+00	-43261.	0.00000E+00	0.00000E+00	0.00000E+00		
1203	0	0	0.00000E+00	0.00000E+00	-35383.	0.00000E+00	0.00000E+00	0.00000E+00		
1213	0	0	0.00000E+00	0.00000E+00	-22875.	0.00000E+00	0.00000E+00	0.00000E+00		
1232	0	0	0.00000E+00	0.00000E+00	-55951.	0.00000E+00	0.00000E+00	0.00000E+00		
1242	0	0	0.00000E+00	0.00000E+00	-28616.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1242

L O A D C A S E 6979

LoadID=30 Line=2830 Dir=Fwd Pos=96

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
414	0	0	0.00000E+00	0.00000E+00	-5351.1	0.00000E+00	0.00000E+00	0.00000E+00		
416	0	0	0.00000E+00	0.00000E+00	-16056.	0.00000E+00	0.00000E+00	0.00000E+00		
420	0	0	0.00000E+00	0.00000E+00	-6271.6	0.00000E+00	0.00000E+00	0.00000E+00		
422	0	0	0.00000E+00	0.00000E+00	-28209.	0.00000E+00	0.00000E+00	0.00000E+00		
426	0	0	0.00000E+00	0.00000E+00	-16974.	0.00000E+00	0.00000E+00	0.00000E+00		
428	0	0	0.00000E+00	0.00000E+00	-77227.	0.00000E+00	0.00000E+00	0.00000E+00		
432	0	0	0.00000E+00	0.00000E+00	-3413.2	0.00000E+00	0.00000E+00	0.00000E+00		
434	0	0	0.00000E+00	0.00000E+00	-15435.	0.00000E+00	0.00000E+00	0.00000E+00		
438	0	0	0.00000E+00	0.00000E+00	-4076.4	0.00000E+00	0.00000E+00	0.00000E+00		
440	0	0	0.00000E+00	0.00000E+00	-18470.	0.00000E+00	0.00000E+00	0.00000E+00		
444	0	0	0.00000E+00	0.00000E+00	-21191.	0.00000E+00	0.00000E+00	0.00000E+00		
446	0	0	0.00000E+00	0.00000E+00	-95946.	0.00000E+00	0.00000E+00	0.00000E+00		
450	0	0	0.00000E+00	0.00000E+00	-2860.8	0.00000E+00	0.00000E+00	0.00000E+00		
452	0	0	0.00000E+00	0.00000E+00	-12927.	0.00000E+00	0.00000E+00	0.00000E+00		
1203	0	0	0.00000E+00	0.00000E+00	-8462.7	0.00000E+00	0.00000E+00	0.00000E+00		
1213	0	0	0.00000E+00	0.00000E+00	-52346.	0.00000E+00	0.00000E+00	0.00000E+00		
1222	0	0	0.00000E+00	0.00000E+00	-10254.	0.00000E+00	0.00000E+00	0.00000E+00		
1232	0	0	0.00000E+00	0.00000E+00	-12310.	0.00000E+00	0.00000E+00	0.00000E+00		
1242	0	0	0.00000E+00	0.00000E+00	-63697.	0.00000E+00	0.00000E+00	0.00000E+00		
1252	0	0	0.00000E+00	0.00000E+00	-8520.8	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1252

L O A D C A S E 6980

LoadID=30 Line=2830 Dir=Fwd Pos=97

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
426	0	0	0.00000E+00	0.00000E+00	-10911.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
428	0	0	0.00000E+00	0.00000E+00	-49384.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
432	0	0	0.00000E+00	0.00000E+00	-17217.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
434	0	0	0.00000E+00	0.00000E+00	-77946.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
444	0	0	0.00000E+00	0.00000E+00	-12043.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
446	0	0	0.00000E+00	0.00000E+00	-54506.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
450	0	0	0.00000E+00	0.00000E+00	-16085.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
452	0	0	0.00000E+00	0.00000E+00	-72805.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1213	0	0	0.00000E+00	0.00000E+00	-32754.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1222	0	0	0.00000E+00	0.00000E+00	-51788.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1242	0	0	0.00000E+00	0.00000E+00	-36218.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1252	0	0	0.00000E+00	0.00000E+00	-48343.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1252

L O A D C A S E 6981

LoadID=30 Line=2830 Dir=Fwd Pos=98

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
426	0	0	0.00000E+00	0.00000E+00	-267.13	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
428	0	0	0.00000E+00	0.00000E+00	-1172.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
432	0	0	0.00000E+00	0.00000E+00	-21175.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
434	0	0	0.00000E+00	0.00000E+00	-95906.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
438	0	0	0.00000E+00	0.00000E+00	-6689.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
440	0	0	0.00000E+00	0.00000E+00	-30269.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
444	0	0	0.00000E+00	0.00000E+00	-834.35	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
446	0	0	0.00000E+00	0.00000E+00	-3760.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
450	0	0	0.00000E+00	0.00000E+00	-19028.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
452	0	0	0.00000E+00	0.00000E+00	-83008.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
456	0	0	0.00000E+00	0.00000E+00	-6181.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
458	0	0	0.00000E+00	0.00000E+00	-33682.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
462	0	0	0.00000E+00	0.00000E+00	-5527.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
464	0	0	0.00000E+00	0.00000E+00	-19764.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1213	0	0	0.00000E+00	0.00000E+00	-711.72	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1222	0	0	0.00000E+00	0.00000E+00	-63695.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1232	0	0	0.00000E+00	0.00000E+00	-20115.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1242	0	0	0.00000E+00	0.00000E+00	-2479.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1252	0	0	0.00000E+00	0.00000E+00	-54185.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1262	0	0	0.00000E+00	0.00000E+00	-11550.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1262

L O A D C A S E 6982

LoadID=30 Line=2830 Dir=Fwd Pos=99

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
432	0	0	0.00000E+00	0.00000E+00	-5643.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
434	0	0	0.00000E+00	0.00000E+00	-25542.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
438	0	0	0.00000E+00	0.00000E+00	-21191.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
440	0	0	0.00000E+00	0.00000E+00	-95876.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
444	0	0	0.00000E+00	0.00000E+00	-1295.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
446	0	0	0.00000E+00	0.00000E+00	-5876.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
450	0	0	0.00000E+00	0.00000E+00	-5497.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
452	0	0	0.00000E+00	0.00000E+00	-19782.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
456	0	0	0.00000E+00	0.00000E+00	-6157.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
458	0	0	0.00000E+00	0.00000E+00	-34184.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
462	0	0	0.00000E+00	0.00000E+00	-18983.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
464	0	0	0.00000E+00	0.00000E+00	-82976.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
468	0	0	0.00000E+00	0.00000E+00	-785.80	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
470	0	0	0.00000E+00	0.00000E+00	-3508.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1222	0	0	0.00000E+00	0.00000E+00	-16934.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1232	0	0	0.00000E+00	0.00000E+00	-63706.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1242	0	0	0.00000E+00	0.00000E+00	-3935.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1252	0	0	0.00000E+00	0.00000E+00	-11607.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1262	0	0	0.00000E+00	0.00000E+00	-54278.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1272	0	0	0.00000E+00	0.00000E+00	-2239.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1272

L O A D C A S E 6983

LoadID=30 Line=2830 Dir=Fwd Pos=100

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
438	0	0	0.00000E+00	0.00000E+00	-15120.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
440	0	0	0.00000E+00	0.00000E+00	-68423.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
444	0	0	0.00000E+00	0.00000E+00	-13008.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
446	0	0	0.00000E+00	0.00000E+00	-58892.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
462	0	0	0.00000E+00	0.00000E+00	-16121.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
464	0	0	0.00000E+00	0.00000E+00	-73060.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
468	0	0	0.00000E+00	0.00000E+00	-12008.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
470	0	0	0.00000E+00	0.00000E+00	-54265.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1232	0	0	0.00000E+00	0.00000E+00	-45400.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1242	0	0	0.00000E+00	0.00000E+00	-39158.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1262	0	0	0.00000E+00	0.00000E+00	-48686.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1272	0	0	0.00000E+00	0.00000E+00	-35860.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1272

L O A D C A S E 6984

LoadID=30 Line=2830 Dir=Fwd Pos=101

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
438	0	0	0.00000E+00	0.00000E+00	-2357.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
440	0	0	0.00000E+00	0.00000E+00	-10659.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
444	0	0	0.00000E+00	0.00000E+00	-21197.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
446	0	0	0.00000E+00	0.00000E+00	-95970.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
450	0	0	0.00000E+00	0.00000E+00	-4574.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
452	0	0	0.00000E+00	0.00000E+00	-20715.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
462	0	0	0.00000E+00	0.00000E+00	-2835.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
464	0	0	0.00000E+00	0.00000E+00	-12889.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
468	0	0	0.00000E+00	0.00000E+00	-21188.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
470	0	0	0.00000E+00	0.00000E+00	-95884.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
474	0	0	0.00000E+00	0.00000E+00	-4104.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
476	0	0	0.00000E+00	0.00000E+00	-18521.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1232	0	0	0.00000E+00	0.00000E+00	-7034.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1242	0	0	0.00000E+00	0.00000E+00	-63704.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1252	0	0	0.00000E+00	0.00000E+00	-13789.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1262	0	0	0.00000E+00	0.00000E+00	-8676.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1272	0	0	0.00000E+00	0.00000E+00	-63715.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1282	0	0	0.00000E+00	0.00000E+00	-12187.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 18
 LARGEST NODE OR ELEMENT NUMBER = 1282

L O A D C A S E 6985

LoadID=30 Line=2830 Dir=Fwd Pos=102

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
444	0	0	0.00000E+00	0.00000E+00	-8616.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
446	0	0	0.00000E+00	0.00000E+00	-38927.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
450	0	0	0.00000E+00	0.00000E+00	-19514.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
452	0	0	0.00000E+00	0.00000E+00	-88375.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
468	0	0	0.00000E+00	0.00000E+00	-9543.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
470	0	0	0.00000E+00	0.00000E+00	-43272.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
474	0	0	0.00000E+00	0.00000E+00	-18586.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
476	0	0	0.00000E+00	0.00000E+00	-84063.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1242	0	0	0.00000E+00	0.00000E+00	-25684.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1252	0	0	0.00000E+00	0.00000E+00	-58885.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1272	0	0	0.00000E+00	0.00000E+00	-28907.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1282	0	0	0.00000E+00	0.00000E+00	-55629.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1282

L O A D C A S E 6986

LoadID=30 Line=2830 Dir=Fwd Pos=103

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
450	0	0	0.00000E+00	0.00000E+00	-12194.	0.00000E+00	0.00000E+00	0.00000E+00	
452	0	0	0.00000E+00	0.00000E+00	-53341.	0.00000E+00	0.00000E+00	0.00000E+00	
456	0	0	0.00000E+00	0.00000E+00	-12347.	0.00000E+00	0.00000E+00	0.00000E+00	
458	0	0	0.00000E+00	0.00000E+00	-55960.	0.00000E+00	0.00000E+00	0.00000E+00	
462	0	0	0.00000E+00	0.00000E+00	-10841.	0.00000E+00	0.00000E+00	0.00000E+00	
464	0	0	0.00000E+00	0.00000E+00	-35847.	0.00000E+00	0.00000E+00	0.00000E+00	
474	0	0	0.00000E+00	0.00000E+00	-20354.	0.00000E+00	0.00000E+00	0.00000E+00	
476	0	0	0.00000E+00	0.00000E+00	-92180.	0.00000E+00	0.00000E+00	0.00000E+00	
480	0	0	0.00000E+00	0.00000E+00	-7777.3	0.00000E+00	0.00000E+00	0.00000E+00	
482	0	0	0.00000E+00	0.00000E+00	-35164.	0.00000E+00	0.00000E+00	0.00000E+00	
1252	0	0	0.00000E+00	0.00000E+00	-39061.	0.00000E+00	0.00000E+00	0.00000E+00	
1262	0	0	0.00000E+00	0.00000E+00	-20409.	0.00000E+00	0.00000E+00	0.00000E+00	
1282	0	0	0.00000E+00	0.00000E+00	-61280.	0.00000E+00	0.00000E+00	0.00000E+00	
1292	0	0	0.00000E+00	0.00000E+00	-23244.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1292

L O A D C A S E 6987

LoadID=30 Line=2830 Dir=Fwd Pos=104

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
450	0	0	0.00000E+00	0.00000E+00	-5320.2	0.00000E+00	0.00000E+00	0.00000E+00	
452	0	0	0.00000E+00	0.00000E+00	-17105.	0.00000E+00	0.00000E+00	0.00000E+00	
456	0	0	0.00000E+00	0.00000E+00	-6183.0	0.00000E+00	0.00000E+00	0.00000E+00	
458	0	0	0.00000E+00	0.00000E+00	-31637.	0.00000E+00	0.00000E+00	0.00000E+00	
462	0	0	0.00000E+00	0.00000E+00	-17588.	0.00000E+00	0.00000E+00	0.00000E+00	
464	0	0	0.00000E+00	0.00000E+00	-78851.	0.00000E+00	0.00000E+00	0.00000E+00	
468	0	0	0.00000E+00	0.00000E+00	-2505.6	0.00000E+00	0.00000E+00	0.00000E+00	
470	0	0	0.00000E+00	0.00000E+00	-11340.	0.00000E+00	0.00000E+00	0.00000E+00	
474	0	0	0.00000E+00	0.00000E+00	-4972.4	0.00000E+00	0.00000E+00	0.00000E+00	
476	0	0	0.00000E+00	0.00000E+00	-22512.	0.00000E+00	0.00000E+00	0.00000E+00	
480	0	0	0.00000E+00	0.00000E+00	-21177.	0.00000E+00	0.00000E+00	0.00000E+00	
482	0	0	0.00000E+00	0.00000E+00	-95859.	0.00000E+00	0.00000E+00	0.00000E+00	
486	0	0	0.00000E+00	0.00000E+00	-1979.8	0.00000E+00	0.00000E+00	0.00000E+00	
488	0	0	0.00000E+00	0.00000E+00	-8922.7	0.00000E+00	0.00000E+00	0.00000E+00	
1252	0	0	0.00000E+00	0.00000E+00	-9390.7	0.00000E+00	0.00000E+00	0.00000E+00	
1262	0	0	0.00000E+00	0.00000E+00	-52547.	0.00000E+00	0.00000E+00	0.00000E+00	
1272	0	0	0.00000E+00	0.00000E+00	-7532.5	0.00000E+00	0.00000E+00	0.00000E+00	
1282	0	0	0.00000E+00	0.00000E+00	-14994.	0.00000E+00	0.00000E+00	0.00000E+00	
1292	0	0	0.00000E+00	0.00000E+00	-63726.	0.00000E+00	0.00000E+00	0.00000E+00	
1302	0	0	0.00000E+00	0.00000E+00	-5857.6	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1302

L O A D C A S E 6988

LoadID=30 Line=2830 Dir=Fwd Pos=105

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
462	0	0	0.00000E+00	0.00000E+00	-12667.	0.00000E+00	0.00000E+00	0.00000E+00	
464	0	0	0.00000E+00	0.00000E+00	-57380.	0.00000E+00	0.00000E+00	0.00000E+00	
468	0	0	0.00000E+00	0.00000E+00	-15461.	0.00000E+00	0.00000E+00	0.00000E+00	
470	0	0	0.00000E+00	0.00000E+00	-69933.	0.00000E+00	0.00000E+00	0.00000E+00	
480	0	0	0.00000E+00	0.00000E+00	-13765.	0.00000E+00	0.00000E+00	0.00000E+00	
482	0	0	0.00000E+00	0.00000E+00	-62340.	0.00000E+00	0.00000E+00	0.00000E+00	
486	0	0	0.00000E+00	0.00000E+00	-14363.	0.00000E+00	0.00000E+00	0.00000E+00	
488	0	0	0.00000E+00	0.00000E+00	-64979.	0.00000E+00	0.00000E+00	0.00000E+00	
1262	0	0	0.00000E+00	0.00000E+00	-38133.	0.00000E+00	0.00000E+00	0.00000E+00	
1272	0	0	0.00000E+00	0.00000E+00	-46426.	0.00000E+00	0.00000E+00	0.00000E+00	
1292	0	0	0.00000E+00	0.00000E+00	-41517.	0.00000E+00	0.00000E+00	0.00000E+00	
1302	0	0	0.00000E+00	0.00000E+00	-43037.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1302

L O A D C A S E 6989

LoadID=30 Line=2830 Dir=Fwd Pos=106

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
462	0	0	0.00000E+00	0.00000E+00	-1114.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
464	0	0	0.00000E+00	0.00000E+00	-5059.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
468	0	0	0.00000E+00	0.00000E+00	-21192.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
470	0	0	0.00000E+00	0.00000E+00	-95917.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
474	0	0	0.00000E+00	0.00000E+00	-5823.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
476	0	0	0.00000E+00	0.00000E+00	-26319.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
480	0	0	0.00000E+00	0.00000E+00	-1675.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
482	0	0	0.00000E+00	0.00000E+00	-7607.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
486	0	0	0.00000E+00	0.00000E+00	-18281.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
488	0	0	0.00000E+00	0.00000E+00	-80811.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
492	0	0	0.00000E+00	0.00000E+00	-6169.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
494	0	0	0.00000E+00	0.00000E+00	-33220.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
498	0	0	0.00000E+00	0.00000E+00	-5385.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
500	0	0	0.00000E+00	0.00000E+00	-18187.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1262	0	0	0.00000E+00	0.00000E+00	-3383.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1272	0	0	0.00000E+00	0.00000E+00	-63745.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1282	0	0	0.00000E+00	0.00000E+00	-17446.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1292	0	0	0.00000E+00	0.00000E+00	-5098.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1302	0	0	0.00000E+00	0.00000E+00	-53205.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1312	0	0	0.00000E+00	0.00000E+00	-10360.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1312

L O A D C A S E 6990

LoadID=30 Line=2830 Dir=Fwd Pos=107

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
468	0	0	0.00000E+00	0.00000E+00	-6512.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
470	0	0	0.00000E+00	0.00000E+00	-29511.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
474	0	0	0.00000E+00	0.00000E+00	-21219.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
476	0	0	0.00000E+00	0.00000E+00	-96008.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
480	0	0	0.00000E+00	0.00000E+00	-399.40	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
482	0	0	0.00000E+00	0.00000E+00	-1827.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
486	0	0	0.00000E+00	0.00000E+00	-10726.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
488	0	0	0.00000E+00	0.00000E+00	-33819.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
492	0	0	0.00000E+00	0.00000E+00	-12379.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
494	0	0	0.00000E+00	0.00000E+00	-54855.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
498	0	0	0.00000E+00	0.00000E+00	-12469.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
500	0	0	0.00000E+00	0.00000E+00	-55529.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1272	0	0	0.00000E+00	0.00000E+00	-19612.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1282	0	0	0.00000E+00	0.00000E+00	-63663.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1292	0	0	0.00000E+00	0.00000E+00	-1246.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1302	0	0	0.00000E+00	0.00000E+00	-18710.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1312	0	0	0.00000E+00	0.00000E+00	-41512.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 17
LARGEST NODE OR ELEMENT NUMBER = 1312

L O A D C A S E 6991

LoadID=30 Line=2830 Dir=Fwd Pos=108

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
474	0	0	0.00000E+00	0.00000E+00	-16911.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
476	0	0	0.00000E+00	0.00000E+00	-76539.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
480	0	0	0.00000E+00	0.00000E+00	-11218.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
482	0	0	0.00000E+00	0.00000E+00	-50790.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
498	0	0	0.00000E+00	0.00000E+00	-18000.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
500	0	0	0.00000E+00	0.00000E+00	-81447.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
504	0	0	0.00000E+00	0.00000E+00	-10129.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
506	0	0	0.00000E+00	0.00000E+00	-45859.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1282	0	0	0.00000E+00	0.00000E+00	-50746.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1292	0	0	0.00000E+00	0.00000E+00	-33796.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1312	0	0	0.00000E+00	0.00000E+00	-54138.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1322	0	0	0.00000E+00	0.00000E+00	-30427.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1322

L O A D C A S E 6992

LoadID=30 Line=2830 Dir=Fwd Pos=109

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
474	0	0	0.00000E+00	0.00000E+00	-3250.6	0.00000E+00	0.00000E+00	0.00000E+00	
476	0	0	0.00000E+00	0.00000E+00	-14696.	0.00000E+00	0.00000E+00	0.00000E+00	
480	0	0	0.00000E+00	0.00000E+00	-21180.	0.00000E+00	0.00000E+00	0.00000E+00	
482	0	0	0.00000E+00	0.00000E+00	-95864.	0.00000E+00	0.00000E+00	0.00000E+00	
486	0	0	0.00000E+00	0.00000E+00	-3697.3	0.00000E+00	0.00000E+00	0.00000E+00	
488	0	0	0.00000E+00	0.00000E+00	-16733.	0.00000E+00	0.00000E+00	0.00000E+00	
498	0	0	0.00000E+00	0.00000E+00	-3781.5	0.00000E+00	0.00000E+00	0.00000E+00	
500	0	0	0.00000E+00	0.00000E+00	-17121.	0.00000E+00	0.00000E+00	0.00000E+00	
504	0	0	0.00000E+00	0.00000E+00	-21171.	0.00000E+00	0.00000E+00	0.00000E+00	
506	0	0	0.00000E+00	0.00000E+00	-95867.	0.00000E+00	0.00000E+00	0.00000E+00	
510	0	0	0.00000E+00	0.00000E+00	-3176.3	0.00000E+00	0.00000E+00	0.00000E+00	
512	0	0	0.00000E+00	0.00000E+00	-14356.	0.00000E+00	0.00000E+00	0.00000E+00	
1282	0	0	0.00000E+00	0.00000E+00	-9722.4	0.00000E+00	0.00000E+00	0.00000E+00	
1292	0	0	0.00000E+00	0.00000E+00	-63717.	0.00000E+00	0.00000E+00	0.00000E+00	
1302	0	0	0.00000E+00	0.00000E+00	-11139.	0.00000E+00	0.00000E+00	0.00000E+00	
1312	0	0	0.00000E+00	0.00000E+00	-11388.	0.00000E+00	0.00000E+00	0.00000E+00	
1322	0	0	0.00000E+00	0.00000E+00	-63671.	0.00000E+00	0.00000E+00	0.00000E+00	
1332	0	0	0.00000E+00	0.00000E+00	-9469.3	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 18
 LARGEST NODE OR ELEMENT NUMBER = 1332

L O A D C A S E 6993

LoadID=30 Line=2830 Dir=Fwd Pos=110

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
480	0	0	0.00000E+00	0.00000E+00	-10324.	0.00000E+00	0.00000E+00	0.00000E+00	
482	0	0	0.00000E+00	0.00000E+00	-46716.	0.00000E+00	0.00000E+00	0.00000E+00	
486	0	0	0.00000E+00	0.00000E+00	-17805.	0.00000E+00	0.00000E+00	0.00000E+00	
488	0	0	0.00000E+00	0.00000E+00	-80616.	0.00000E+00	0.00000E+00	0.00000E+00	
504	0	0	0.00000E+00	0.00000E+00	-11367.	0.00000E+00	0.00000E+00	0.00000E+00	
506	0	0	0.00000E+00	0.00000E+00	-51488.	0.00000E+00	0.00000E+00	0.00000E+00	
510	0	0	0.00000E+00	0.00000E+00	-16762.	0.00000E+00	0.00000E+00	0.00000E+00	
512	0	0	0.00000E+00	0.00000E+00	-75821.	0.00000E+00	0.00000E+00	0.00000E+00	
1292	0	0	0.00000E+00	0.00000E+00	-30963.	0.00000E+00	0.00000E+00	0.00000E+00	
1302	0	0	0.00000E+00	0.00000E+00	-53576.	0.00000E+00	0.00000E+00	0.00000E+00	
1322	0	0	0.00000E+00	0.00000E+00	-34285.	0.00000E+00	0.00000E+00	0.00000E+00	
1332	0	0	0.00000E+00	0.00000E+00	-50277.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1332

L O A D C A S E 6994

LoadID=30 Line=2830 Dir=Fwd Pos=111

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
486	0	0	0.00000E+00	0.00000E+00	-12388.	0.00000E+00	0.00000E+00	0.00000E+00	
488	0	0	0.00000E+00	0.00000E+00	-55381.	0.00000E+00	0.00000E+00	0.00000E+00	
492	0	0	0.00000E+00	0.00000E+00	-12389.	0.00000E+00	0.00000E+00	0.00000E+00	
494	0	0	0.00000E+00	0.00000E+00	-55848.	0.00000E+00	0.00000E+00	0.00000E+00	
498	0	0	0.00000E+00	0.00000E+00	-10622.	0.00000E+00	0.00000E+00	0.00000E+00	
500	0	0	0.00000E+00	0.00000E+00	-33411.	0.00000E+00	0.00000E+00	0.00000E+00	
504	0	0	0.00000E+00	0.00000E+00	-474.10	0.00000E+00	0.00000E+00	0.00000E+00	
506	0	0	0.00000E+00	0.00000E+00	-2172.6	0.00000E+00	0.00000E+00	0.00000E+00	
510	0	0	0.00000E+00	0.00000E+00	-21195.	0.00000E+00	0.00000E+00	0.00000E+00	
512	0	0	0.00000E+00	0.00000E+00	-95876.	0.00000E+00	0.00000E+00	0.00000E+00	
516	0	0	0.00000E+00	0.00000E+00	-6461.8	0.00000E+00	0.00000E+00	0.00000E+00	
518	0	0	0.00000E+00	0.00000E+00	-29248.	0.00000E+00	0.00000E+00	0.00000E+00	
1302	0	0	0.00000E+00	0.00000E+00	-41434.	0.00000E+00	0.00000E+00	0.00000E+00	
1312	0	0	0.00000E+00	0.00000E+00	-18527.	0.00000E+00	0.00000E+00	0.00000E+00	
1322	0	0	0.00000E+00	0.00000E+00	-1494.1	0.00000E+00	0.00000E+00	0.00000E+00	
1332	0	0	0.00000E+00	0.00000E+00	-63690.	0.00000E+00	0.00000E+00	0.00000E+00	
1342	0	0	0.00000E+00	0.00000E+00	-19388.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 17
 LARGEST NODE OR ELEMENT NUMBER = 1342

L O A D C A S E 6995

LoadID=30 Line=2830 Dir=Fwd Pos=112

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	FORCE MX	FORCE MY
486	0	0	0.00000E+00	0.00000E+00	-5485.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
488	0	0	0.00000E+00	0.00000E+00	-18562.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
492	0	0	0.00000E+00	0.00000E+00	-6236.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
494	0	0	0.00000E+00	0.00000E+00	-32461.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
498	0	0	0.00000E+00	0.00000E+00	-18466.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
500	0	0	0.00000E+00	0.00000E+00	-81286.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
504	0	0	0.00000E+00	0.00000E+00	-1568.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
506	0	0	0.00000E+00	0.00000E+00	-7141.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
510	0	0	0.00000E+00	0.00000E+00	-5868.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
512	0	0	0.00000E+00	0.00000E+00	-26562.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
516	0	0	0.00000E+00	0.00000E+00	-21173.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-95891.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
522	0	0	0.00000E+00	0.00000E+00	-1089.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
524	0	0	0.00000E+00	0.00000E+00	-4892.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1302	0	0	0.00000E+00	0.00000E+00	-10522.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1312	0	0	0.00000E+00	0.00000E+00	-53441.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1322	0	0	0.00000E+00	0.00000E+00	-4829.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1332	0	0	0.00000E+00	0.00000E+00	-17662.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1342	0	0	0.00000E+00	0.00000E+00	-63686.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1352	0	0	0.00000E+00	0.00000E+00	-3175.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1352

LOAD CASE 6996

LoadID=30 Line=2830 Dir=Fwd Pos=113

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	FORCE MX	FORCE MY
498	0	0	0.00000E+00	0.00000E+00	-14549.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
500	0	0	0.00000E+00	0.00000E+00	-65793.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
504	0	0	0.00000E+00	0.00000E+00	-13579.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
506	0	0	0.00000E+00	0.00000E+00	-61523.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
516	0	0	0.00000E+00	0.00000E+00	-15528.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-70350.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
522	0	0	0.00000E+00	0.00000E+00	-12600.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
524	0	0	0.00000E+00	0.00000E+00	-56974.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1312	0	0	0.00000E+00	0.00000E+00	-43575.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1322	0	0	0.00000E+00	0.00000E+00	-40980.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1342	0	0	0.00000E+00	0.00000E+00	-46842.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1352	0	0	0.00000E+00	0.00000E+00	-37706.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1352

LOAD CASE 6997

LoadID=30 Line=2830 Dir=Fwd Pos=114

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	FORCE MX	FORCE MY
498	0	0	0.00000E+00	0.00000E+00	-2059.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
500	0	0	0.00000E+00	0.00000E+00	-9293.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
504	0	0	0.00000E+00	0.00000E+00	-21172.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
506	0	0	0.00000E+00	0.00000E+00	-95880.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
510	0	0	0.00000E+00	0.00000E+00	-4897.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
512	0	0	0.00000E+00	0.00000E+00	-22170.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
516	0	0	0.00000E+00	0.00000E+00	-2546.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-11563.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
522	0	0	0.00000E+00	0.00000E+00	-17692.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
524	0	0	0.00000E+00	0.00000E+00	-79117.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
528	0	0	0.00000E+00	0.00000E+00	-6274.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
530	0	0	0.00000E+00	0.00000E+00	-30338.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
534	0	0	0.00000E+00	0.00000E+00	-5423.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
536	0	0	0.00000E+00	0.00000E+00	-17187.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1312	0	0	0.00000E+00	0.00000E+00	-6104.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1322	0	0	0.00000E+00	0.00000E+00	-63681.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1332	0	0	0.00000E+00	0.00000E+00	-14742.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1342	0	0	0.00000E+00	0.00000E+00	-7767.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1352	0	0	0.00000E+00	0.00000E+00	-52740.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1362	0	0	0.00000E+00	0.00000E+00	-9353.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1362

L O A D C A S E 6998

LoadID=30 Line=2830 Dir=Fwd Pos=115

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
504	0	0	0.00000E+00	0.00000E+00	-7926.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
506	0	0	0.00000E+00	0.00000E+00	-35857.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
510	0	0	0.00000E+00	0.00000E+00	-20205.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
512	0	0	0.00000E+00	0.00000E+00	-91442.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
522	0	0	0.00000E+00	0.00000E+00	-10827.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
524	0	0	0.00000E+00	0.00000E+00	-36004.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
528	0	0	0.00000E+00	0.00000E+00	-12394.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
530	0	0	0.00000E+00	0.00000E+00	-56781.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
534	0	0	0.00000E+00	0.00000E+00	-12113.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
536	0	0	0.00000E+00	0.00000E+00	-52703.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1322	0	0	0.00000E+00	0.00000E+00	-23737.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1332	0	0	0.00000E+00	0.00000E+00	-60832.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1352	0	0	0.00000E+00	0.00000E+00	-20677.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1362	0	0	0.00000E+00	0.00000E+00	-38503.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1362

L O A D C A S E 6999

LoadID=30 Line=2830 Dir=Fwd Pos=116

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
510	0	0	0.00000E+00	0.00000E+00	-18702.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
512	0	0	0.00000E+00	0.00000E+00	-84599.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
516	0	0	0.00000E+00	0.00000E+00	-9428.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-42704.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
534	0	0	0.00000E+00	0.00000E+00	-19745.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
536	0	0	0.00000E+00	0.00000E+00	-89432.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
540	0	0	0.00000E+00	0.00000E+00	-8385.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
542	0	0	0.00000E+00	0.00000E+00	-37909.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1332	0	0	0.00000E+00	0.00000E+00	-56124.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1342	0	0	0.00000E+00	0.00000E+00	-28443.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1362	0	0	0.00000E+00	0.00000E+00	-59475.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1372	0	0	0.00000E+00	0.00000E+00	-25053.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1372

L O A D C A S E 7000

LoadID=30 Line=2830 Dir=Fwd Pos=117

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
510	0	0	0.00000E+00	0.00000E+00	-4143.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
512	0	0	0.00000E+00	0.00000E+00	-18744.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
516	0	0	0.00000E+00	0.00000E+00	-21178.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-95885.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
522	0	0	0.00000E+00	0.00000E+00	-2807.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
524	0	0	0.00000E+00	0.00000E+00	-12715.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
534	0	0	0.00000E+00	0.00000E+00	-4667.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
536	0	0	0.00000E+00	0.00000E+00	-21139.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
540	0	0	0.00000E+00	0.00000E+00	-21178.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
542	0	0	0.00000E+00	0.00000E+00	-95860.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
546	0	0	0.00000E+00	0.00000E+00	-2283.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
548	0	0	0.00000E+00	0.00000E+00	-10295.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1332	0	0	0.00000E+00	0.00000E+00	-12396.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1342	0	0	0.00000E+00	0.00000E+00	-63670.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1352	0	0	0.00000E+00	0.00000E+00	-8462.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1362	0	0	0.00000E+00	0.00000E+00	-14090.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1372	0	0	0.00000E+00	0.00000E+00	-63724.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1382	0	0	0.00000E+00	0.00000E+00	-6763.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 18
 LARGEST NODE OR ELEMENT NUMBER = 1382

L O A D C A S E 7001

LoadID=30 Line=2830 Dir=Fwd Pos=118

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
516	0	0	0.00000E+00	0.00000E+00	-12079.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-54689.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
522	0	0	0.00000E+00	0.00000E+00	-16049.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
524	0	0	0.00000E+00	0.00000E+00	-72622.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
540	0	0	0.00000E+00	0.00000E+00	-13157.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
542	0	0	0.00000E+00	0.00000E+00	-59595.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
546	0	0	0.00000E+00	0.00000E+00	-14972.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
548	0	0	0.00000E+00	0.00000E+00	-67726.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1342	0	0	0.00000E+00	0.00000E+00	-36297.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1352	0	0	0.00000E+00	0.00000E+00	-48264.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1372	0	0	0.00000E+00	0.00000E+00	-39707.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1382	0	0	0.00000E+00	0.00000E+00	-44844.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1382

L O A D C A S E 7002

LoadID=30 Line=2830 Dir=Fwd Pos=119

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
516	0	0	0.00000E+00	0.00000E+00	-828.69	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-3744.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
522	0	0	0.00000E+00	0.00000E+00	-19014.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
524	0	0	0.00000E+00	0.00000E+00	-82970.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
528	0	0	0.00000E+00	0.00000E+00	-6212.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
530	0	0	0.00000E+00	0.00000E+00	-33652.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
534	0	0	0.00000E+00	0.00000E+00	-5544.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
536	0	0	0.00000E+00	0.00000E+00	-19719.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
540	0	0	0.00000E+00	0.00000E+00	-1370.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
542	0	0	0.00000E+00	0.00000E+00	-6234.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
546	0	0	0.00000E+00	0.00000E+00	-21191.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
548	0	0	0.00000E+00	0.00000E+00	-95914.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
552	0	0	0.00000E+00	0.00000E+00	-5569.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-25196.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1342	0	0	0.00000E+00	0.00000E+00	-2476.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1352	0	0	0.00000E+00	0.00000E+00	-54325.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1362	0	0	0.00000E+00	0.00000E+00	-11514.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1372	0	0	0.00000E+00	0.00000E+00	-4195.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1382	0	0	0.00000E+00	0.00000E+00	-63657.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1396	0	0	0.00000E+00	0.00000E+00	-16673.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1396

L O A D C A S E 7003

LoadID=30 Line=2830 Dir=Fwd Pos=120

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
522	0	0	0.00000E+00	0.00000E+00	-5492.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
524	0	0	0.00000E+00	0.00000E+00	-19751.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
528	0	0	0.00000E+00	0.00000E+00	-6152.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
530	0	0	0.00000E+00	0.00000E+00	-34287.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
534	0	0	0.00000E+00	0.00000E+00	-19100.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
536	0	0	0.00000E+00	0.00000E+00	-83241.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
540	0	0	0.00000E+00	0.00000E+00	-704.10	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
542	0	0	0.00000E+00	0.00000E+00	-3200.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
546	0	0	0.00000E+00	0.00000E+00	-6764.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
548	0	0	0.00000E+00	0.00000E+00	-30618.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
552	0	0	0.00000E+00	0.00000E+00	-21174.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-95852.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
558	0	0	0.00000E+00	0.00000E+00	-193.29	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
560	0	0	0.00000E+00	0.00000E+00	-826.83	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1352	0	0	0.00000E+00	0.00000E+00	-11665.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1362	0	0	0.00000E+00	0.00000E+00	-54256.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1372	0	0	0.00000E+00	0.00000E+00	-2149.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1382	0	0	0.00000E+00	0.00000E+00	-20369.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1396	0	0	0.00000E+00	0.00000E+00	-63736.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1406	0	0	0.00000E+00	0.00000E+00	-466.12	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1406

L O A D C A S E 7004

LoadID=30 Line=2830 Dir=Fwd Pos=121

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
534	0	0	0.00000E+00	0.00000E+00	-16302.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
536	0	0	0.00000E+00	0.00000E+00	-73792.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
540	0	0	0.00000E+00	0.00000E+00	-11826.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
542	0	0	0.00000E+00	0.00000E+00	-53534.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
552	0	0	0.00000E+00	0.00000E+00	-17346.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-78537.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
558	0	0	0.00000E+00	0.00000E+00	-10784.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
560	0	0	0.00000E+00	0.00000E+00	-48770.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1362	0	0	0.00000E+00	0.00000E+00	-48939.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1372	0	0	0.00000E+00	0.00000E+00	-35606.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1396	0	0	0.00000E+00	0.00000E+00	-52288.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1406	0	0	0.00000E+00	0.00000E+00	-32276.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1406

L O A D C A S E 7005

LoadID=30 Line=2830 Dir=Fwd Pos=122

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
534	0	0	0.00000E+00	0.00000E+00	-2947.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
536	0	0	0.00000E+00	0.00000E+00	-13324.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
540	0	0	0.00000E+00	0.00000E+00	-21179.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
542	0	0	0.00000E+00	0.00000E+00	-95862.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
546	0	0	0.00000E+00	0.00000E+00	-4002.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
548	0	0	0.00000E+00	0.00000E+00	-18106.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
552	0	0	0.00000E+00	0.00000E+00	-3467.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-15713.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
558	0	0	0.00000E+00	0.00000E+00	-16797.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
560	0	0	0.00000E+00	0.00000E+00	-76606.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
564	0	0	0.00000E+00	0.00000E+00	-6200.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
566	0	0	0.00000E+00	0.00000E+00	-29294.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
570	0	0	0.00000E+00	0.00000E+00	-5239.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
572	0	0	0.00000E+00	0.00000E+00	-15772.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1362	0	0	0.00000E+00	0.00000E+00	-8816.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1372	0	0	0.00000E+00	0.00000E+00	-63719.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1382	0	0	0.00000E+00	0.00000E+00	-12043.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1396	0	0	0.00000E+00	0.00000E+00	-10475.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1406	0	0	0.00000E+00	0.00000E+00	-52130.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1416	0	0	0.00000E+00	0.00000E+00	-8305.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1416

L O A D C A S E 7006

LoadID=30 Line=2830 Dir=Fwd Pos=123

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
540	0	0	0.00000E+00	0.00000E+00	-9715.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
542	0	0	0.00000E+00	0.00000E+00	-43971.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
546	0	0	0.00000E+00	0.00000E+00	-18414.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
548	0	0	0.00000E+00	0.00000E+00	-83364.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
558	0	0	0.00000E+00	0.00000E+00	-11071.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
560	0	0	0.00000E+00	0.00000E+00	-38822.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
564	0	0	0.00000E+00	0.00000E+00	-12393.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
566	0	0	0.00000E+00	0.00000E+00	-57009.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
570	0	0	0.00000E+00	0.00000E+00	-11945.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
572	0	0	0.00000E+00	0.00000E+00	-50469.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1372	0	0	0.00000E+00	0.00000E+00	-29153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1382	0	0	0.00000E+00	0.00000E+00	-55382.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1406	0	0	0.00000E+00	0.00000E+00	-23063.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1416	0	0	0.00000E+00	0.00000E+00	-35227.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1416

L O A D C A S E 7007

LoadID=30 Line=2830 Dir=Fwd Pos=124

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
546	0	0	0.00000E+00	0.00000E+00	-20493.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
548	0	0	0.00000E+00	0.00000E+00	-92754.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
552	0	0	0.00000E+00	0.00000E+00	-7639.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-34590.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
558	0	0	0.00000E+00	0.00000E+00	-5106.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
560	0	0	0.00000E+00	0.00000E+00	-12543.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
564	0	0	0.00000E+00	0.00000E+00	-6213.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
566	0	0	0.00000E+00	0.00000E+00	-20555.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
570	0	0	0.00000E+00	0.00000E+00	-14098.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
572	0	0	0.00000E+00	0.00000E+00	-67268.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
576	0	0	0.00000E+00	0.00000E+00	-6793.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
578	0	0	0.00000E+00	0.00000E+00	-30721.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1382	0	0	0.00000E+00	0.00000E+00	-61496.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1396	0	0	0.00000E+00	0.00000E+00	-23028.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1406	0	0	0.00000E+00	0.00000E+00	-5792.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1416	0	0	0.00000E+00	0.00000E+00	-50592.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1426	0	0	0.00000E+00	0.00000E+00	-20318.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 17
 LARGEST NODE OR ELEMENT NUMBER = 1426

L O A D C A S E 7008

LoadID=30 Line=2830 Dir=Fwd Pos=125

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
546	0	0	0.00000E+00	0.00000E+00	-5036.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
548	0	0	0.00000E+00	0.00000E+00	-22794.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
552	0	0	0.00000E+00	0.00000E+00	-21188.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-95871.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
558	0	0	0.00000E+00	0.00000E+00	-1905.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
560	0	0	0.00000E+00	0.00000E+00	-8629.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
570	0	0	0.00000E+00	0.00000E+00	-5542.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
572	0	0	0.00000E+00	0.00000E+00	-25112.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
576	0	0	0.00000E+00	0.00000E+00	-21197.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
578	0	0	0.00000E+00	0.00000E+00	-95976.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
582	0	0	0.00000E+00	0.00000E+00	-1390.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
584	0	0	0.00000E+00	0.00000E+00	-6256.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1382	0	0	0.00000E+00	0.00000E+00	-15113.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1396	0	0	0.00000E+00	0.00000E+00	-63703.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1406	0	0	0.00000E+00	0.00000E+00	-5760.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1416	0	0	0.00000E+00	0.00000E+00	-16739.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1426	0	0	0.00000E+00	0.00000E+00	-63706.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1436	0	0	0.00000E+00	0.00000E+00	-4080.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 18
 LARGEST NODE OR ELEMENT NUMBER = 1436

L O A D C A S E 7009

LoadID=30 Line=2830 Dir=Fwd Pos=126

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
552	0	0	0.00000E+00	0.00000E+00	-13904.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-62915.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
558	0	0	0.00000E+00	0.00000E+00	-14224.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
560	0	0	0.00000E+00	0.00000E+00	-64404.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
576	0	0	0.00000E+00	0.00000E+00	-14947.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
578	0	0	0.00000E+00	0.00000E+00	-67697.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
582	0	0	0.00000E+00	0.00000E+00	-13182.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
584	0	0	0.00000E+00	0.00000E+00	-59624.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1396	0	0	0.00000E+00	0.00000E+00	-41733.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1406	0	0	0.00000E+00	0.00000E+00	-42821.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1426	0	0	0.00000E+00	0.00000E+00	-45044.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1436	0	0	0.00000E+00	0.00000E+00	-39506.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1436

L O A D C A S E 7010

LoadID=30 Line=2830 Dir=Fwd Pos=127

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
552	0	0	0.00000E+00	0.00000E+00	-1750.7	0.00000E+00	0.00000E+00	0.00000E+00		
554	0	0	0.00000E+00	0.00000E+00	-7902.3	0.00000E+00	0.00000E+00	0.00000E+00		
558	0	0	0.00000E+00	0.00000E+00	-18175.	0.00000E+00	0.00000E+00	0.00000E+00		
560	0	0	0.00000E+00	0.00000E+00	-80583.	0.00000E+00	0.00000E+00	0.00000E+00		
564	0	0	0.00000E+00	0.00000E+00	-6176.4	0.00000E+00	0.00000E+00	0.00000E+00		
566	0	0	0.00000E+00	0.00000E+00	-33073.	0.00000E+00	0.00000E+00	0.00000E+00		
570	0	0	0.00000E+00	0.00000E+00	-5394.1	0.00000E+00	0.00000E+00	0.00000E+00		
572	0	0	0.00000E+00	0.00000E+00	-18222.	0.00000E+00	0.00000E+00	0.00000E+00		
576	0	0	0.00000E+00	0.00000E+00	-2266.8	0.00000E+00	0.00000E+00	0.00000E+00		
578	0	0	0.00000E+00	0.00000E+00	-10276.	0.00000E+00	0.00000E+00	0.00000E+00		
582	0	0	0.00000E+00	0.00000E+00	-21186.	0.00000E+00	0.00000E+00	0.00000E+00		
584	0	0	0.00000E+00	0.00000E+00	-95869.	0.00000E+00	0.00000E+00	0.00000E+00		
588	0	0	0.00000E+00	0.00000E+00	-4676.1	0.00000E+00	0.00000E+00	0.00000E+00		
590	0	0	0.00000E+00	0.00000E+00	-21149.	0.00000E+00	0.00000E+00	0.00000E+00		
1396	0	0	0.00000E+00	0.00000E+00	-5194.0	0.00000E+00	0.00000E+00	0.00000E+00		
1406	0	0	0.00000E+00	0.00000E+00	-53226.	0.00000E+00	0.00000E+00	0.00000E+00		
1416	0	0	0.00000E+00	0.00000E+00	-10304.	0.00000E+00	0.00000E+00	0.00000E+00		
1426	0	0	0.00000E+00	0.00000E+00	-6872.7	0.00000E+00	0.00000E+00	0.00000E+00		
1436	0	0	0.00000E+00	0.00000E+00	-63706.	0.00000E+00	0.00000E+00	0.00000E+00		
1446	0	0	0.00000E+00	0.00000E+00	-13999.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1446

L O A D C A S E 7011

LoadID=30 Line=2830 Dir=Fwd Pos=128

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
558	0	0	0.00000E+00	0.00000E+00	-10722.	0.00000E+00	0.00000E+00	0.00000E+00		
560	0	0	0.00000E+00	0.00000E+00	-33929.	0.00000E+00	0.00000E+00	0.00000E+00		
564	0	0	0.00000E+00	0.00000E+00	-12361.	0.00000E+00	0.00000E+00	0.00000E+00		
566	0	0	0.00000E+00	0.00000E+00	-54942.	0.00000E+00	0.00000E+00	0.00000E+00		
570	0	0	0.00000E+00	0.00000E+00	-12443.	0.00000E+00	0.00000E+00	0.00000E+00		
572	0	0	0.00000E+00	0.00000E+00	-55485.	0.00000E+00	0.00000E+00	0.00000E+00		
582	0	0	0.00000E+00	0.00000E+00	-8361.1	0.00000E+00	0.00000E+00	0.00000E+00		
584	0	0	0.00000E+00	0.00000E+00	-37880.	0.00000E+00	0.00000E+00	0.00000E+00		
588	0	0	0.00000E+00	0.00000E+00	-19770.	0.00000E+00	0.00000E+00	0.00000E+00		
590	0	0	0.00000E+00	0.00000E+00	-89460.	0.00000E+00	0.00000E+00	0.00000E+00		
1406	0	0	0.00000E+00	0.00000E+00	-18778.	0.00000E+00	0.00000E+00	0.00000E+00		
1416	0	0	0.00000E+00	0.00000E+00	-41340.	0.00000E+00	0.00000E+00	0.00000E+00		
1436	0	0	0.00000E+00	0.00000E+00	-25254.	0.00000E+00	0.00000E+00	0.00000E+00		
1446	0	0	0.00000E+00	0.00000E+00	-59274.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1446

L O A D C A S E 7012

LoadID=30 Line=2830 Dir=Fwd Pos=129

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
570	0	0	0.00000E+00	0.00000E+00	-18024.	0.00000E+00	0.00000E+00	0.00000E+00		
572	0	0	0.00000E+00	0.00000E+00	-81605.	0.00000E+00	0.00000E+00	0.00000E+00		
576	0	0	0.00000E+00	0.00000E+00	-10105.	0.00000E+00	0.00000E+00	0.00000E+00		
578	0	0	0.00000E+00	0.00000E+00	-45701.	0.00000E+00	0.00000E+00	0.00000E+00		
588	0	0	0.00000E+00	0.00000E+00	-19157.	0.00000E+00	0.00000E+00	0.00000E+00		
590	0	0	0.00000E+00	0.00000E+00	-86733.	0.00000E+00	0.00000E+00	0.00000E+00		
594	0	0	0.00000E+00	0.00000E+00	-8973.2	0.00000E+00	0.00000E+00	0.00000E+00		
596	0	0	0.00000E+00	0.00000E+00	-40605.	0.00000E+00	0.00000E+00	0.00000E+00		
1416	0	0	0.00000E+00	0.00000E+00	-54253.	0.00000E+00	0.00000E+00	0.00000E+00		
1426	0	0	0.00000E+00	0.00000E+00	-30313.	0.00000E+00	0.00000E+00	0.00000E+00		
1446	0	0	0.00000E+00	0.00000E+00	-57622.	0.00000E+00	0.00000E+00	0.00000E+00		
1456	0	0	0.00000E+00	0.00000E+00	-26909.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1456

L O A D C A S E 7013

LoadID=30 Line=2830 Dir=Fwd Pos=130

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
570	0	0	0.00000E+00	0.00000E+00	-3825.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
572	0	0	0.00000E+00	0.00000E+00	-17319.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
576	0	0	0.00000E+00	0.00000E+00	-21197.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
578	0	0	0.00000E+00	0.00000E+00	-95957.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
582	0	0	0.00000E+00	0.00000E+00	-3105.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
584	0	0	0.00000E+00	0.00000E+00	-14067.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
588	0	0	0.00000E+00	0.00000E+00	-4385.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
590	0	0	0.00000E+00	0.00000E+00	-19833.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
594	0	0	0.00000E+00	0.00000E+00	-16155.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
596	0	0	0.00000E+00	0.00000E+00	-74844.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
600	0	0	0.00000E+00	0.00000E+00	-6248.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
602	0	0	0.00000E+00	0.00000E+00	-25624.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
606	0	0	0.00000E+00	0.00000E+00	-5260.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
608	0	0	0.00000E+00	0.00000E+00	-14797.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1416	0	0	0.00000E+00	0.00000E+00	-11477.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1426	0	0	0.00000E+00	0.00000E+00	-63688.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1436	0	0	0.00000E+00	0.00000E+00	-9363.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1446	0	0	0.00000E+00	0.00000E+00	-13174.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1456	0	0	0.00000E+00	0.00000E+00	-52206.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1466	0	0	0.00000E+00	0.00000E+00	-7471.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1466

LOAD CASE 7014

LoadID=30 Line=2830 Dir=Fwd Pos=131

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
576	0	0	0.00000E+00	0.00000E+00	-11506.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
578	0	0	0.00000E+00	0.00000E+00	-52063.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
582	0	0	0.00000E+00	0.00000E+00	-16623.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
584	0	0	0.00000E+00	0.00000E+00	-75246.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
594	0	0	0.00000E+00	0.00000E+00	-11345.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
596	0	0	0.00000E+00	0.00000E+00	-42171.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
600	0	0	0.00000E+00	0.00000E+00	-12478.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
602	0	0	0.00000E+00	0.00000E+00	-57713.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
606	0	0	0.00000E+00	0.00000E+00	-11709.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
608	0	0	0.00000E+00	0.00000E+00	-47156.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1426	0	0	0.00000E+00	0.00000E+00	-34501.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1436	0	0	0.00000E+00	0.00000E+00	-50061.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1456	0	0	0.00000E+00	0.00000E+00	-25998.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1466	0	0	0.00000E+00	0.00000E+00	-31429.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14
LARGEST NODE OR ELEMENT NUMBER = 1466

LOAD CASE 7015

LoadID=30 Line=2830 Dir=Fwd Pos=132

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
576	0	0	0.00000E+00	0.00000E+00	-553.82	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
578	0	0	0.00000E+00	0.00000E+00	-2471.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
582	0	0	0.00000E+00	0.00000E+00	-21175.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
584	0	0	0.00000E+00	0.00000E+00	-95853.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
588	0	0	0.00000E+00	0.00000E+00	-6402.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
590	0	0	0.00000E+00	0.00000E+00	-28971.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
594	0	0	0.00000E+00	0.00000E+00	-5051.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
596	0	0	0.00000E+00	0.00000E+00	-13026.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
600	0	0	0.00000E+00	0.00000E+00	-6192.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
602	0	0	0.00000E+00	0.00000E+00	-23243.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
606	0	0	0.00000E+00	0.00000E+00	-14734.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
608	0	0	0.00000E+00	0.00000E+00	-69941.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
612	0	0	0.00000E+00	0.00000E+00	-5872.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
614	0	0	0.00000E+00	0.00000E+00	-26577.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1426	0	0	0.00000E+00	0.00000E+00	-1580.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1436	0	0	0.00000E+00	0.00000E+00	-63734.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1446	0	0	0.00000E+00	0.00000E+00	-19258.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1456	0	0	0.00000E+00	0.00000E+00	-6204.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1466	0	0	0.00000E+00	0.00000E+00	-51553.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1476	0	0	0.00000E+00	0.00000E+00	-17605.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1476

L O A D C A S E 7016

LoadID=30 Line=2830 Dir=Fwd Pos=133

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
582	0	0	0.00000E+00	0.00000E+00	-5929.3	0.00000E+00	0.00000E+00	0.00000E+00	
584	0	0	0.00000E+00	0.00000E+00	-26840.	0.00000E+00	0.00000E+00	0.00000E+00	
588	0	0	0.00000E+00	0.00000E+00	-21195.	0.00000E+00	0.00000E+00	0.00000E+00	
590	0	0	0.00000E+00	0.00000E+00	-95926.	0.00000E+00	0.00000E+00	0.00000E+00	
594	0	0	0.00000E+00	0.00000E+00	-1006.5	0.00000E+00	0.00000E+00	0.00000E+00	
596	0	0	0.00000E+00	0.00000E+00	-4579.1	0.00000E+00	0.00000E+00	0.00000E+00	
606	0	0	0.00000E+00	0.00000E+00	-6460.0	0.00000E+00	0.00000E+00	0.00000E+00	
608	0	0	0.00000E+00	0.00000E+00	-29235.	0.00000E+00	0.00000E+00	0.00000E+00	
612	0	0	0.00000E+00	0.00000E+00	-21175.	0.00000E+00	0.00000E+00	0.00000E+00	
614	0	0	0.00000E+00	0.00000E+00	-95856.	0.00000E+00	0.00000E+00	0.00000E+00	
618	0	0	0.00000E+00	0.00000E+00	-496.85	0.00000E+00	0.00000E+00	0.00000E+00	
620	0	0	0.00000E+00	0.00000E+00	-2204.5	0.00000E+00	0.00000E+00	0.00000E+00	
1436	0	0	0.00000E+00	0.00000E+00	-17788.	0.00000E+00	0.00000E+00	0.00000E+00	
1446	0	0	0.00000E+00	0.00000E+00	-63654.	0.00000E+00	0.00000E+00	0.00000E+00	
1456	0	0	0.00000E+00	0.00000E+00	-3082.5	0.00000E+00	0.00000E+00	0.00000E+00	
1466	0	0	0.00000E+00	0.00000E+00	-19443.	0.00000E+00	0.00000E+00	0.00000E+00	
1476	0	0	0.00000E+00	0.00000E+00	-63742.	0.00000E+00	0.00000E+00	0.00000E+00	
1486	0	0	0.00000E+00	0.00000E+00	-1387.6	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 18
 LARGEST NODE OR ELEMENT NUMBER = 1486

L O A D C A S E 7017

LoadID=30 Line=2830 Dir=Fwd Pos=134

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
588	0	0	0.00000E+00	0.00000E+00	-15722.	0.00000E+00	0.00000E+00	0.00000E+00	
590	0	0	0.00000E+00	0.00000E+00	-71122.	0.00000E+00	0.00000E+00	0.00000E+00	
594	0	0	0.00000E+00	0.00000E+00	-12406.	0.00000E+00	0.00000E+00	0.00000E+00	
596	0	0	0.00000E+00	0.00000E+00	-56202.	0.00000E+00	0.00000E+00	0.00000E+00	
612	0	0	0.00000E+00	0.00000E+00	-16737.	0.00000E+00	0.00000E+00	0.00000E+00	
614	0	0	0.00000E+00	0.00000E+00	-75785.	0.00000E+00	0.00000E+00	0.00000E+00	
618	0	0	0.00000E+00	0.00000E+00	-11392.	0.00000E+00	0.00000E+00	0.00000E+00	
620	0	0	0.00000E+00	0.00000E+00	-51523.	0.00000E+00	0.00000E+00	0.00000E+00	
1446	0	0	0.00000E+00	0.00000E+00	-47093.	0.00000E+00	0.00000E+00	0.00000E+00	
1456	0	0	0.00000E+00	0.00000E+00	-37455.	0.00000E+00	0.00000E+00	0.00000E+00	
1476	0	0	0.00000E+00	0.00000E+00	-50459.	0.00000E+00	0.00000E+00	0.00000E+00	
1486	0	0	0.00000E+00	0.00000E+00	-34104.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1486

L O A D C A S E 7018

LoadID=30 Line=2830 Dir=Fwd Pos=135

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
588	0	0	0.00000E+00	0.00000E+00	-2669.7	0.00000E+00	0.00000E+00	0.00000E+00	
590	0	0	0.00000E+00	0.00000E+00	-12034.	0.00000E+00	0.00000E+00	0.00000E+00	
594	0	0	0.00000E+00	0.00000E+00	-17543.	0.00000E+00	0.00000E+00	0.00000E+00	
596	0	0	0.00000E+00	0.00000E+00	-78874.	0.00000E+00	0.00000E+00	0.00000E+00	
600	0	0	0.00000E+00	0.00000E+00	-6277.9	0.00000E+00	0.00000E+00	0.00000E+00	
602	0	0	0.00000E+00	0.00000E+00	-30153.	0.00000E+00	0.00000E+00	0.00000E+00	
606	0	0	0.00000E+00	0.00000E+00	-5417.8	0.00000E+00	0.00000E+00	0.00000E+00	
608	0	0	0.00000E+00	0.00000E+00	-17102.	0.00000E+00	0.00000E+00	0.00000E+00	
612	0	0	0.00000E+00	0.00000E+00	-3162.9	0.00000E+00	0.00000E+00	0.00000E+00	
614	0	0	0.00000E+00	0.00000E+00	-14339.	0.00000E+00	0.00000E+00	0.00000E+00	
618	0	0	0.00000E+00	0.00000E+00	-21183.	0.00000E+00	0.00000E+00	0.00000E+00	
620	0	0	0.00000E+00	0.00000E+00	-95905.	0.00000E+00	0.00000E+00	0.00000E+00	
624	0	0	0.00000E+00	0.00000E+00	-3783.2	0.00000E+00	0.00000E+00	0.00000E+00	
626	0	0	0.00000E+00	0.00000E+00	-17099.	0.00000E+00	0.00000E+00	0.00000E+00	
1446	0	0	0.00000E+00	0.00000E+00	-7901.4	0.00000E+00	0.00000E+00	0.00000E+00	
1456	0	0	0.00000E+00	0.00000E+00	-52705.	0.00000E+00	0.00000E+00	0.00000E+00	
1466	0	0	0.00000E+00	0.00000E+00	-9321.6	0.00000E+00	0.00000E+00	0.00000E+00	
1476	0	0	0.00000E+00	0.00000E+00	-9568.2	0.00000E+00	0.00000E+00	0.00000E+00	
1486	0	0	0.00000E+00	0.00000E+00	-63679.	0.00000E+00	0.00000E+00	0.00000E+00	
1496	0	0	0.00000E+00	0.00000E+00	-11281.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1496

L O A D C A S E 7019

LoadID=30 Line=2830 Dir=Fwd Pos=136

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
594	0	0	0.00000E+00	0.00000E+00	-10851.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
596	0	0	0.00000E+00	0.00000E+00	-36335.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
600	0	0	0.00000E+00	0.00000E+00	-12384.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
602	0	0	0.00000E+00	0.00000E+00	-56801.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
606	0	0	0.00000E+00	0.00000E+00	-12085.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
608	0	0	0.00000E+00	0.00000E+00	-52454.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
618	0	0	0.00000E+00	0.00000E+00	-10151.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
620	0	0	0.00000E+00	0.00000E+00	-45997.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
624	0	0	0.00000E+00	0.00000E+00	-17979.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
626	0	0	0.00000E+00	0.00000E+00	-81309.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1456	0	0	0.00000E+00	0.00000E+00	-20740.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1466	0	0	0.00000E+00	0.00000E+00	-38349.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1486	0	0	0.00000E+00	0.00000E+00	-30668.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1496	0	0	0.00000E+00	0.00000E+00	-53897.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1496

L O A D C A S E 7020

LoadID=30 Line=2830 Dir=Fwd Pos=137

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
606	0	0	0.00000E+00	0.00000E+00	-19884.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
608	0	0	0.00000E+00	0.00000E+00	-89985.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
612	0	0	0.00000E+00	0.00000E+00	-8247.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
614	0	0	0.00000E+00	0.00000E+00	-37356.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
624	0	0	0.00000E+00	0.00000E+00	-20928.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
626	0	0	0.00000E+00	0.00000E+00	-94733.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
630	0	0	0.00000E+00	0.00000E+00	-7204.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
632	0	0	0.00000E+00	0.00000E+00	-32565.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1466	0	0	0.00000E+00	0.00000E+00	-59635.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1476	0	0	0.00000E+00	0.00000E+00	-24892.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1496	0	0	0.00000E+00	0.00000E+00	-63058.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1506	0	0	0.00000E+00	0.00000E+00	-21512.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1506

L O A D C A S E 7021

LoadID=30 Line=2830 Dir=Fwd Pos=138

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
606	0	0	0.00000E+00	0.00000E+00	-4733.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
608	0	0	0.00000E+00	0.00000E+00	-21413.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
612	0	0	0.00000E+00	0.00000E+00	-21186.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
614	0	0	0.00000E+00	0.00000E+00	-95873.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
618	0	0	0.00000E+00	0.00000E+00	-2209.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
620	0	0	0.00000E+00	0.00000E+00	-10008.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
624	0	0	0.00000E+00	0.00000E+00	-5259.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
626	0	0	0.00000E+00	0.00000E+00	-23817.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
630	0	0	0.00000E+00	0.00000E+00	-15285.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
632	0	0	0.00000E+00	0.00000E+00	-71869.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
636	0	0	0.00000E+00	0.00000E+00	-6186.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
638	0	0	0.00000E+00	0.00000E+00	-24616.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
642	0	0	0.00000E+00	0.00000E+00	-5079.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
644	0	0	0.00000E+00	0.00000E+00	-13552.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1466	0	0	0.00000E+00	0.00000E+00	-14186.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1476	0	0	0.00000E+00	0.00000E+00	-63714.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1486	0	0	0.00000E+00	0.00000E+00	-6678.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1496	0	0	0.00000E+00	0.00000E+00	-15854.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1506	0	0	0.00000E+00	0.00000E+00	-51867.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1516	0	0	0.00000E+00	0.00000E+00	-6614.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1516

L O A D C A S E 7022

LoadID=30 Line=2830 Dir=Fwd Pos=139

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
612	0	0	0.00000E+00	0.00000E+00	-13296.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
614	0	0	0.00000E+00	0.00000E+00	-60165.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
618	0	0	0.00000E+00	0.00000E+00	-14833.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
620	0	0	0.00000E+00	0.00000E+00	-67156.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
630	0	0	0.00000E+00	0.00000E+00	-11572.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
632	0	0	0.00000E+00	0.00000E+00	-45060.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
636	0	0	0.00000E+00	0.00000E+00	-12498.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
638	0	0	0.00000E+00	0.00000E+00	-57825.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
642	0	0	0.00000E+00	0.00000E+00	-11519.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
644	0	0	0.00000E+00	0.00000E+00	-44269.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1476	0	0	0.00000E+00	0.00000E+00	-39908.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1486	0	0	0.00000E+00	0.00000E+00	-44643.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1506	0	0	0.00000E+00	0.00000E+00	-29172.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1516	0	0	0.00000E+00	0.00000E+00	-28085.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1516

L O A D C A S E 7023

LoadID=30 Line=2830 Dir=Fwd Pos=140

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
612	0	0	0.00000E+00	0.00000E+00	-1447.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
614	0	0	0.00000E+00	0.00000E+00	-6529.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
618	0	0	0.00000E+00	0.00000E+00	-21176.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
620	0	0	0.00000E+00	0.00000E+00	-95899.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
624	0	0	0.00000E+00	0.00000E+00	-5506.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
626	0	0	0.00000E+00	0.00000E+00	-24916.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
630	0	0	0.00000E+00	0.00000E+00	-5215.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
632	0	0	0.00000E+00	0.00000E+00	-14105.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
636	0	0	0.00000E+00	0.00000E+00	-6242.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
638	0	0	0.00000E+00	0.00000E+00	-24110.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
642	0	0	0.00000E+00	0.00000E+00	-15626.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
644	0	0	0.00000E+00	0.00000E+00	-73195.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
648	0	0	0.00000E+00	0.00000E+00	-4973.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
650	0	0	0.00000E+00	0.00000E+00	-22500.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1476	0	0	0.00000E+00	0.00000E+00	-4287.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1486	0	0	0.00000E+00	0.00000E+00	-63688.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1496	0	0	0.00000E+00	0.00000E+00	-16550.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1506	0	0	0.00000E+00	0.00000E+00	-6951.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1516	0	0	0.00000E+00	0.00000E+00	-52182.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1526	0	0	0.00000E+00	0.00000E+00	-14899.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1526

L O A D C A S E 7024

LoadID=30 Line=2830 Dir=Fwd Pos=141

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
618	0	0	0.00000E+00	0.00000E+00	-6822.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
620	0	0	0.00000E+00	0.00000E+00	-30894.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
624	0	0	0.00000E+00	0.00000E+00	-21198.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
626	0	0	0.00000E+00	0.00000E+00	-95877.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
630	0	0	0.00000E+00	0.00000E+00	-112.22	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
632	0	0	0.00000E+00	0.00000E+00	-526.24	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
642	0	0	0.00000E+00	0.00000E+00	-7757.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
644	0	0	0.00000E+00	0.00000E+00	-35154.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
648	0	0	0.00000E+00	0.00000E+00	-20374.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
650	0	0	0.00000E+00	0.00000E+00	-92190.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1486	0	0	0.00000E+00	0.00000E+00	-20502.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1496	0	0	0.00000E+00	0.00000E+00	-63687.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1506	0	0	0.00000E+00	0.00000E+00	-382.28	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1516	0	0	0.00000E+00	0.00000E+00	-23449.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1526	0	0	0.00000E+00	0.00000E+00	-61076.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 15
 LARGEST NODE OR ELEMENT NUMBER = 1526

L O A D C A S E 7025

LoadID=30 Line=2830 Dir=Fwd Pos=142

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
624	0	0	0.00000E+00	0.00000E+00	-17485.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
626	0	0	0.00000E+00	0.00000E+00	-79112.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
630	0	0	0.00000E+00	0.00000E+00	-10645.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
632	0	0	0.00000E+00	0.00000E+00	-48195.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
648	0	0	0.00000E+00	0.00000E+00	-18528.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
650	0	0	0.00000E+00	0.00000E+00	-83911.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
654	0	0	0.00000E+00	0.00000E+00	-9602.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
656	0	0	0.00000E+00	0.00000E+00	-43424.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1496	0	0	0.00000E+00	0.00000E+00	-52504.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1506	0	0	0.00000E+00	0.00000E+00	-32060.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1526	0	0	0.00000E+00	0.00000E+00	-55798.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1536	0	0	0.00000E+00	0.00000E+00	-28737.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1536

L O A D C A S E 7026

LoadID=30 Line=2830 Dir=Fwd Pos=143

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
624	0	0	0.00000E+00	0.00000E+00	-3536.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
626	0	0	0.00000E+00	0.00000E+00	-16001.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
630	0	0	0.00000E+00	0.00000E+00	-16711.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
632	0	0	0.00000E+00	0.00000E+00	-76450.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
636	0	0	0.00000E+00	0.00000E+00	-6219.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
638	0	0	0.00000E+00	0.00000E+00	-29168.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
642	0	0	0.00000E+00	0.00000E+00	-5237.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
644	0	0	0.00000E+00	0.00000E+00	-15655.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
648	0	0	0.00000E+00	0.00000E+00	-4059.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
650	0	0	0.00000E+00	0.00000E+00	-18380.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
654	0	0	0.00000E+00	0.00000E+00	-21180.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
656	0	0	0.00000E+00	0.00000E+00	-95862.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
660	0	0	0.00000E+00	0.00000E+00	-2890.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
662	0	0	0.00000E+00	0.00000E+00	-13051.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1496	0	0	0.00000E+00	0.00000E+00	-10584.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1506	0	0	0.00000E+00	0.00000E+00	-52162.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1516	0	0	0.00000E+00	0.00000E+00	-8276.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1526	0	0	0.00000E+00	0.00000E+00	-12251.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1536	0	0	0.00000E+00	0.00000E+00	-63720.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1546	0	0	0.00000E+00	0.00000E+00	-8607.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1546

L O A D C A S E 7027

LoadID=30 Line=2830 Dir=Fwd Pos=144

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
630	0	0	0.00000E+00	0.00000E+00	-11104.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
632	0	0	0.00000E+00	0.00000E+00	-39066.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
636	0	0	0.00000E+00	0.00000E+00	-12414.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
638	0	0	0.00000E+00	0.00000E+00	-57136.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
642	0	0	0.00000E+00	0.00000E+00	-11933.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
644	0	0	0.00000E+00	0.00000E+00	-50087.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
654	0	0	0.00000E+00	0.00000E+00	-11940.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
656	0	0	0.00000E+00	0.00000E+00	-54081.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
660	0	0	0.00000E+00	0.00000E+00	-16188.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
662	0	0	0.00000E+00	0.00000E+00	-73244.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1506	0	0	0.00000E+00	0.00000E+00	-23194.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1516	0	0	0.00000E+00	0.00000E+00	-35066.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1536	0	0	0.00000E+00	0.00000E+00	-36023.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1546	0	0	0.00000E+00	0.00000E+00	-48523.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1546

L O A D C A S E 7028

LoadID=30 Line=2830 Dir=Fwd Pos=145

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
630	0	0	0.00000E+00	0.00000E+00	-5098.3	0.00000E+00	0.00000E+00	0.00000E+00		
632	0	0	0.00000E+00	0.00000E+00	-12551.	0.00000E+00	0.00000E+00	0.00000E+00		
636	0	0	0.00000E+00	0.00000E+00	-6198.6	0.00000E+00	0.00000E+00	0.00000E+00		
638	0	0	0.00000E+00	0.00000E+00	-20610.	0.00000E+00	0.00000E+00	0.00000E+00		
642	0	0	0.00000E+00	0.00000E+00	-14206.	0.00000E+00	0.00000E+00	0.00000E+00		
644	0	0	0.00000E+00	0.00000E+00	-67627.	0.00000E+00	0.00000E+00	0.00000E+00		
648	0	0	0.00000E+00	0.00000E+00	-6702.7	0.00000E+00	0.00000E+00	0.00000E+00		
650	0	0	0.00000E+00	0.00000E+00	-30328.	0.00000E+00	0.00000E+00	0.00000E+00		
654	0	0	0.00000E+00	0.00000E+00	-761.26	0.00000E+00	0.00000E+00	0.00000E+00		
656	0	0	0.00000E+00	0.00000E+00	-3474.4	0.00000E+00	0.00000E+00	0.00000E+00		
660	0	0	0.00000E+00	0.00000E+00	-21169.	0.00000E+00	0.00000E+00	0.00000E+00		
662	0	0	0.00000E+00	0.00000E+00	-95827.	0.00000E+00	0.00000E+00	0.00000E+00		
666	0	0	0.00000E+00	0.00000E+00	-6201.1	0.00000E+00	0.00000E+00	0.00000E+00		
668	0	0	0.00000E+00	0.00000E+00	-28044.	0.00000E+00	0.00000E+00	0.00000E+00		
1506	0	0	0.00000E+00	0.00000E+00	-5792.1	0.00000E+00	0.00000E+00	0.00000E+00		
1516	0	0	0.00000E+00	0.00000E+00	-50729.	0.00000E+00	0.00000E+00	0.00000E+00		
1526	0	0	0.00000E+00	0.00000E+00	-20157.	0.00000E+00	0.00000E+00	0.00000E+00		
1536	0	0	0.00000E+00	0.00000E+00	-2357.3	0.00000E+00	0.00000E+00	0.00000E+00		
1546	0	0	0.00000E+00	0.00000E+00	-63626.	0.00000E+00	0.00000E+00	0.00000E+00		
1556	0	0	0.00000E+00	0.00000E+00	-18540.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1556

L O A D C A S E 7029

LoadID=30 Line=2830 Dir=Fwd Pos=146

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
642	0	0	0.00000E+00	0.00000E+00	-5629.4	0.00000E+00	0.00000E+00	0.00000E+00		
644	0	0	0.00000E+00	0.00000E+00	-25482.	0.00000E+00	0.00000E+00	0.00000E+00		
648	0	0	0.00000E+00	0.00000E+00	-21187.	0.00000E+00	0.00000E+00	0.00000E+00		
650	0	0	0.00000E+00	0.00000E+00	-95902.	0.00000E+00	0.00000E+00	0.00000E+00		
654	0	0	0.00000E+00	0.00000E+00	-1313.4	0.00000E+00	0.00000E+00	0.00000E+00		
656	0	0	0.00000E+00	0.00000E+00	-5960.8	0.00000E+00	0.00000E+00	0.00000E+00		
660	0	0	0.00000E+00	0.00000E+00	-6123.0	0.00000E+00	0.00000E+00	0.00000E+00		
662	0	0	0.00000E+00	0.00000E+00	-27741.	0.00000E+00	0.00000E+00	0.00000E+00		
666	0	0	0.00000E+00	0.00000E+00	-14687.	0.00000E+00	0.00000E+00	0.00000E+00		
668	0	0	0.00000E+00	0.00000E+00	-69568.	0.00000E+00	0.00000E+00	0.00000E+00		
672	0	0	0.00000E+00	0.00000E+00	-6198.3	0.00000E+00	0.00000E+00	0.00000E+00		
674	0	0	0.00000E+00	0.00000E+00	-21504.	0.00000E+00	0.00000E+00	0.00000E+00		
678	0	0	0.00000E+00	0.00000E+00	-5120.7	0.00000E+00	0.00000E+00	0.00000E+00		
680	0	0	0.00000E+00	0.00000E+00	-12917.	0.00000E+00	0.00000E+00	0.00000E+00		
1516	0	0	0.00000E+00	0.00000E+00	-16885.	0.00000E+00	0.00000E+00	0.00000E+00		
1526	0	0	0.00000E+00	0.00000E+00	-63652.	0.00000E+00	0.00000E+00	0.00000E+00		
1536	0	0	0.00000E+00	0.00000E+00	-3987.6	0.00000E+00	0.00000E+00	0.00000E+00		
1546	0	0	0.00000E+00	0.00000E+00	-18502.	0.00000E+00	0.00000E+00	0.00000E+00		
1556	0	0	0.00000E+00	0.00000E+00	-51599.	0.00000E+00	0.00000E+00	0.00000E+00		
1566	0	0	0.00000E+00	0.00000E+00	-6041.1	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1566

L O A D C A S E 7030

LoadID=30 Line=2830 Dir=Fwd Pos=147

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
648	0	0	0.00000E+00	0.00000E+00	-15086.	0.00000E+00	0.00000E+00	0.00000E+00		
650	0	0	0.00000E+00	0.00000E+00	-68272.	0.00000E+00	0.00000E+00	0.00000E+00		
654	0	0	0.00000E+00	0.00000E+00	-13043.	0.00000E+00	0.00000E+00	0.00000E+00		
656	0	0	0.00000E+00	0.00000E+00	-59049.	0.00000E+00	0.00000E+00	0.00000E+00		
666	0	0	0.00000E+00	0.00000E+00	-11809.	0.00000E+00	0.00000E+00	0.00000E+00		
668	0	0	0.00000E+00	0.00000E+00	-48176.	0.00000E+00	0.00000E+00	0.00000E+00		
672	0	0	0.00000E+00	0.00000E+00	-12466.	0.00000E+00	0.00000E+00	0.00000E+00		
674	0	0	0.00000E+00	0.00000E+00	-57554.	0.00000E+00	0.00000E+00	0.00000E+00		
678	0	0	0.00000E+00	0.00000E+00	-11268.	0.00000E+00	0.00000E+00	0.00000E+00		
680	0	0	0.00000E+00	0.00000E+00	-40973.	0.00000E+00	0.00000E+00	0.00000E+00		
1526	0	0	0.00000E+00	0.00000E+00	-45260.	0.00000E+00	0.00000E+00	0.00000E+00		
1536	0	0	0.00000E+00	0.00000E+00	-39290.	0.00000E+00	0.00000E+00	0.00000E+00		
1556	0	0	0.00000E+00	0.00000E+00	-32863.	0.00000E+00	0.00000E+00	0.00000E+00		
1566	0	0	0.00000E+00	0.00000E+00	-24891.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14

LARGEST NODE OR ELEMENT NUMBER = 1566

LOAD CASE 7031

LoadID=30 Line=2830 Dir=Fwd Pos=148

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
648	0	0	0.00000E+00	0.00000E+00	-2340.3	0.00000E+00	0.00000E+00	0.00000E+00	
650	0	0	0.00000E+00	0.00000E+00	-10568.	0.00000E+00	0.00000E+00	0.00000E+00	
654	0	0	0.00000E+00	0.00000E+00	-21178.	0.00000E+00	0.00000E+00	0.00000E+00	
656	0	0	0.00000E+00	0.00000E+00	-95860.	0.00000E+00	0.00000E+00	0.00000E+00	
660	0	0	0.00000E+00	0.00000E+00	-4610.9	0.00000E+00	0.00000E+00	0.00000E+00	
662	0	0	0.00000E+00	0.00000E+00	-20865.	0.00000E+00	0.00000E+00	0.00000E+00	
666	0	0	0.00000E+00	0.00000E+00	-5184.2	0.00000E+00	0.00000E+00	0.00000E+00	
668	0	0	0.00000E+00	0.00000E+00	-14911.	0.00000E+00	0.00000E+00	0.00000E+00	
672	0	0	0.00000E+00	0.00000E+00	-6221.8	0.00000E+00	0.00000E+00	0.00000E+00	
674	0	0	0.00000E+00	0.00000E+00	-27732.	0.00000E+00	0.00000E+00	0.00000E+00	
678	0	0	0.00000E+00	0.00000E+00	-16250.	0.00000E+00	0.00000E+00	0.00000E+00	
680	0	0	0.00000E+00	0.00000E+00	-75119.	0.00000E+00	0.00000E+00	0.00000E+00	
684	0	0	0.00000E+00	0.00000E+00	-4090.8	0.00000E+00	0.00000E+00	0.00000E+00	
686	0	0	0.00000E+00	0.00000E+00	-18497.	0.00000E+00	0.00000E+00	0.00000E+00	
1526	0	0	0.00000E+00	0.00000E+00	-6972.3	0.00000E+00	0.00000E+00	0.00000E+00	
1536	0	0	0.00000E+00	0.00000E+00	-63723.	0.00000E+00	0.00000E+00	0.00000E+00	
1546	0	0	0.00000E+00	0.00000E+00	-13882.	0.00000E+00	0.00000E+00	0.00000E+00	
1556	0	0	0.00000E+00	0.00000E+00	-7731.0	0.00000E+00	0.00000E+00	0.00000E+00	
1566	0	0	0.00000E+00	0.00000E+00	-52045.	0.00000E+00	0.00000E+00	0.00000E+00	
1576	0	0	0.00000E+00	0.00000E+00	-12218.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1576

LOAD CASE 7032

LoadID=30 Line=2830 Dir=Fwd Pos=149

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
654	0	0	0.00000E+00	0.00000E+00	-8499.8	0.00000E+00	0.00000E+00	0.00000E+00	
656	0	0	0.00000E+00	0.00000E+00	-38456.	0.00000E+00	0.00000E+00	0.00000E+00	
660	0	0	0.00000E+00	0.00000E+00	-19631.	0.00000E+00	0.00000E+00	0.00000E+00	
662	0	0	0.00000E+00	0.00000E+00	-88885.	0.00000E+00	0.00000E+00	0.00000E+00	
678	0	0	0.00000E+00	0.00000E+00	-9523.4	0.00000E+00	0.00000E+00	0.00000E+00	
680	0	0	0.00000E+00	0.00000E+00	-43164.	0.00000E+00	0.00000E+00	0.00000E+00	
684	0	0	0.00000E+00	0.00000E+00	-18606.	0.00000E+00	0.00000E+00	0.00000E+00	
686	0	0	0.00000E+00	0.00000E+00	-84140.	0.00000E+00	0.00000E+00	0.00000E+00	
1536	0	0	0.00000E+00	0.00000E+00	-25470.	0.00000E+00	0.00000E+00	0.00000E+00	
1546	0	0	0.00000E+00	0.00000E+00	-59059.	0.00000E+00	0.00000E+00	0.00000E+00	
1566	0	0	0.00000E+00	0.00000E+00	-28799.	0.00000E+00	0.00000E+00	0.00000E+00	
1576	0	0	0.00000E+00	0.00000E+00	-55767.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1576

LOAD CASE 7033

LoadID=30 Line=2830 Dir=Fwd Pos=150

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
660	0	0	0.00000E+00	0.00000E+00	-19239.	0.00000E+00	0.00000E+00	0.00000E+00	
662	0	0	0.00000E+00	0.00000E+00	-87102.	0.00000E+00	0.00000E+00	0.00000E+00	
666	0	0	0.00000E+00	0.00000E+00	-8891.4	0.00000E+00	0.00000E+00	0.00000E+00	
668	0	0	0.00000E+00	0.00000E+00	-40237.	0.00000E+00	0.00000E+00	0.00000E+00	
684	0	0	0.00000E+00	0.00000E+00	-20298.	0.00000E+00	0.00000E+00	0.00000E+00	
686	0	0	0.00000E+00	0.00000E+00	-91904.	0.00000E+00	0.00000E+00	0.00000E+00	
690	0	0	0.00000E+00	0.00000E+00	-7833.3	0.00000E+00	0.00000E+00	0.00000E+00	
692	0	0	0.00000E+00	0.00000E+00	-35395.	0.00000E+00	0.00000E+00	0.00000E+00	
1546	0	0	0.00000E+00	0.00000E+00	-57788.	0.00000E+00	0.00000E+00	0.00000E+00	
1556	0	0	0.00000E+00	0.00000E+00	-26743.	0.00000E+00	0.00000E+00	0.00000E+00	
1576	0	0	0.00000E+00	0.00000E+00	-61207.	0.00000E+00	0.00000E+00	0.00000E+00	
1586	0	0	0.00000E+00	0.00000E+00	-23363.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1586

L O A D C A S E 7034

LoadID=30 Line=2830 Dir=Fwd Pos=151

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
660	0	0	0.00000E+00	0.00000E+00	-4390.2	0.00000E+00	0.00000E+00	0.00000E+00	
662	0	0	0.00000E+00	0.00000E+00	-19893.	0.00000E+00	0.00000E+00	0.00000E+00	
666	0	0	0.00000E+00	0.00000E+00	-16138.	0.00000E+00	0.00000E+00	0.00000E+00	
668	0	0	0.00000E+00	0.00000E+00	-74743.	0.00000E+00	0.00000E+00	0.00000E+00	
672	0	0	0.00000E+00	0.00000E+00	-6274.2	0.00000E+00	0.00000E+00	0.00000E+00	
674	0	0	0.00000E+00	0.00000E+00	-25538.	0.00000E+00	0.00000E+00	0.00000E+00	
678	0	0	0.00000E+00	0.00000E+00	-5275.6	0.00000E+00	0.00000E+00	0.00000E+00	
680	0	0	0.00000E+00	0.00000E+00	-14775.	0.00000E+00	0.00000E+00	0.00000E+00	
684	0	0	0.00000E+00	0.00000E+00	-4949.8	0.00000E+00	0.00000E+00	0.00000E+00	
686	0	0	0.00000E+00	0.00000E+00	-22423.	0.00000E+00	0.00000E+00	0.00000E+00	
690	0	0	0.00000E+00	0.00000E+00	-21182.	0.00000E+00	0.00000E+00	0.00000E+00	
692	0	0	0.00000E+00	0.00000E+00	-95919.	0.00000E+00	0.00000E+00	0.00000E+00	
696	0	0	0.00000E+00	0.00000E+00	-1997.5	0.00000E+00	0.00000E+00	0.00000E+00	
698	0	0	0.00000E+00	0.00000E+00	-9001.4	0.00000E+00	0.00000E+00	0.00000E+00	
1546	0	0	0.00000E+00	0.00000E+00	-13234.	0.00000E+00	0.00000E+00	0.00000E+00	
1556	0	0	0.00000E+00	0.00000E+00	-52287.	0.00000E+00	0.00000E+00	0.00000E+00	
1566	0	0	0.00000E+00	0.00000E+00	-7451.9	0.00000E+00	0.00000E+00	0.00000E+00	
1576	0	0	0.00000E+00	0.00000E+00	-14940.	0.00000E+00	0.00000E+00	0.00000E+00	
1586	0	0	0.00000E+00	0.00000E+00	-63696.	0.00000E+00	0.00000E+00	0.00000E+00	
1600	0	0	0.00000E+00	0.00000E+00	-5891.0	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1600

L O A D C A S E 7035

LoadID=30 Line=2830 Dir=Fwd Pos=152

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
666	0	0	0.00000E+00	0.00000E+00	-11365.	0.00000E+00	0.00000E+00	0.00000E+00	
668	0	0	0.00000E+00	0.00000E+00	-42161.	0.00000E+00	0.00000E+00	0.00000E+00	
672	0	0	0.00000E+00	0.00000E+00	-12504.	0.00000E+00	0.00000E+00	0.00000E+00	
674	0	0	0.00000E+00	0.00000E+00	-57819.	0.00000E+00	0.00000E+00	0.00000E+00	
678	0	0	0.00000E+00	0.00000E+00	-11716.	0.00000E+00	0.00000E+00	0.00000E+00	
680	0	0	0.00000E+00	0.00000E+00	-46986.	0.00000E+00	0.00000E+00	0.00000E+00	
690	0	0	0.00000E+00	0.00000E+00	-13730.	0.00000E+00	0.00000E+00	0.00000E+00	
692	0	0	0.00000E+00	0.00000E+00	-62204.	0.00000E+00	0.00000E+00	0.00000E+00	
696	0	0	0.00000E+00	0.00000E+00	-14399.	0.00000E+00	0.00000E+00	0.00000E+00	
698	0	0	0.00000E+00	0.00000E+00	-65113.	0.00000E+00	0.00000E+00	0.00000E+00	
1556	0	0	0.00000E+00	0.00000E+00	-26158.	0.00000E+00	0.00000E+00	0.00000E+00	
1566	0	0	0.00000E+00	0.00000E+00	-31291.	0.00000E+00	0.00000E+00	0.00000E+00	
1586	0	0	0.00000E+00	0.00000E+00	-41429.	0.00000E+00	0.00000E+00	0.00000E+00	
1600	0	0	0.00000E+00	0.00000E+00	-43126.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1600

L O A D C A S E 7036

LoadID=30 Line=2830 Dir=Fwd Pos=153

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
666	0	0	0.00000E+00	0.00000E+00	-5037.3	0.00000E+00	0.00000E+00	0.00000E+00	
668	0	0	0.00000E+00	0.00000E+00	-12986.	0.00000E+00	0.00000E+00	0.00000E+00	
672	0	0	0.00000E+00	0.00000E+00	-6184.4	0.00000E+00	0.00000E+00	0.00000E+00	
674	0	0	0.00000E+00	0.00000E+00	-23357.	0.00000E+00	0.00000E+00	0.00000E+00	
678	0	0	0.00000E+00	0.00000E+00	-14816.	0.00000E+00	0.00000E+00	0.00000E+00	
680	0	0	0.00000E+00	0.00000E+00	-70164.	0.00000E+00	0.00000E+00	0.00000E+00	
684	0	0	0.00000E+00	0.00000E+00	-5817.3	0.00000E+00	0.00000E+00	0.00000E+00	
686	0	0	0.00000E+00	0.00000E+00	-26320.	0.00000E+00	0.00000E+00	0.00000E+00	
690	0	0	0.00000E+00	0.00000E+00	-1657.6	0.00000E+00	0.00000E+00	0.00000E+00	
692	0	0	0.00000E+00	0.00000E+00	-7529.8	0.00000E+00	0.00000E+00	0.00000E+00	
696	0	0	0.00000E+00	0.00000E+00	-21189.	0.00000E+00	0.00000E+00	0.00000E+00	
698	0	0	0.00000E+00	0.00000E+00	-95871.	0.00000E+00	0.00000E+00	0.00000E+00	
702	0	0	0.00000E+00	0.00000E+00	-5283.1	0.00000E+00	0.00000E+00	0.00000E+00	
704	0	0	0.00000E+00	0.00000E+00	-23893.	0.00000E+00	0.00000E+00	0.00000E+00	
1556	0	0	0.00000E+00	0.00000E+00	-6218.7	0.00000E+00	0.00000E+00	0.00000E+00	
1566	0	0	0.00000E+00	0.00000E+00	-51615.	0.00000E+00	0.00000E+00	0.00000E+00	
1576	0	0	0.00000E+00	0.00000E+00	-17485.	0.00000E+00	0.00000E+00	0.00000E+00	
1586	0	0	0.00000E+00	0.00000E+00	-5065.0	0.00000E+00	0.00000E+00	0.00000E+00	
1600	0	0	0.00000E+00	0.00000E+00	-63701.	0.00000E+00	0.00000E+00	0.00000E+00	
1610	0	0	0.00000E+00	0.00000E+00	-15810.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1610

L O A D C A S E 7037

LoadID=30 Line=2830 Dir=Fwd Pos=154

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
678	0	0	0.00000E+00	0.00000E+00	-6511.1	0.00000E+00	0.00000E+00	0.00000E+00	
680	0	0	0.00000E+00	0.00000E+00	-29484.	0.00000E+00	0.00000E+00	0.00000E+00	
684	0	0	0.00000E+00	0.00000E+00	-21189.	0.00000E+00	0.00000E+00	0.00000E+00	
686	0	0	0.00000E+00	0.00000E+00	-95857.	0.00000E+00	0.00000E+00	0.00000E+00	
690	0	0	0.00000E+00	0.00000E+00	-430.90	0.00000E+00	0.00000E+00	0.00000E+00	
692	0	0	0.00000E+00	0.00000E+00	-1956.1	0.00000E+00	0.00000E+00	0.00000E+00	
696	0	0	0.00000E+00	0.00000E+00	-7144.6	0.00000E+00	0.00000E+00	0.00000E+00	
698	0	0	0.00000E+00	0.00000E+00	-32391.	0.00000E+00	0.00000E+00	0.00000E+00	
702	0	0	0.00000E+00	0.00000E+00	-20988.	0.00000E+00	0.00000E+00	0.00000E+00	
704	0	0	0.00000E+00	0.00000E+00	-94955.	0.00000E+00	0.00000E+00	0.00000E+00	
1566	0	0	0.00000E+00	0.00000E+00	-19566.	0.00000E+00	0.00000E+00	0.00000E+00	
1576	0	0	0.00000E+00	0.00000E+00	-63692.	0.00000E+00	0.00000E+00	0.00000E+00	
1586	0	0	0.00000E+00	0.00000E+00	-1314.0	0.00000E+00	0.00000E+00	0.00000E+00	
1600	0	0	0.00000E+00	0.00000E+00	-21636.	0.00000E+00	0.00000E+00	0.00000E+00	
1610	0	0	0.00000E+00	0.00000E+00	-62886.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 15
 LARGEST NODE OR ELEMENT NUMBER = 1610

L O A D C A S E 7038

LoadID=30 Line=2830 Dir=Fwd Pos=155

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
684	0	0	0.00000E+00	0.00000E+00	-16858.	0.00000E+00	0.00000E+00	0.00000E+00	
686	0	0	0.00000E+00	0.00000E+00	-76297.	0.00000E+00	0.00000E+00	0.00000E+00	
690	0	0	0.00000E+00	0.00000E+00	-11270.	0.00000E+00	0.00000E+00	0.00000E+00	
692	0	0	0.00000E+00	0.00000E+00	-51011.	0.00000E+00	0.00000E+00	0.00000E+00	
702	0	0	0.00000E+00	0.00000E+00	-11984.	0.00000E+00	0.00000E+00	0.00000E+00	
704	0	0	0.00000E+00	0.00000E+00	-50920.	0.00000E+00	0.00000E+00	0.00000E+00	
708	0	0	0.00000E+00	0.00000E+00	-12439.	0.00000E+00	0.00000E+00	0.00000E+00	
710	0	0	0.00000E+00	0.00000E+00	-57288.	0.00000E+00	0.00000E+00	0.00000E+00	
714	0	0	0.00000E+00	0.00000E+00	-10995.	0.00000E+00	0.00000E+00	0.00000E+00	
716	0	0	0.00000E+00	0.00000E+00	-37827.	0.00000E+00	0.00000E+00	0.00000E+00	
1576	0	0	0.00000E+00	0.00000E+00	-50659.	0.00000E+00	0.00000E+00	0.00000E+00	
1586	0	0	0.00000E+00	0.00000E+00	-33903.	0.00000E+00	0.00000E+00	0.00000E+00	
1610	0	0	0.00000E+00	0.00000E+00	-36339.	0.00000E+00	0.00000E+00	0.00000E+00	
1620	0	0	0.00000E+00	0.00000E+00	-22208.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1620

L O A D C A S E 7039

LoadID=30 Line=2830 Dir=Fwd Pos=156

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
684	0	0	0.00000E+00	0.00000E+00	-3229.8	0.00000E+00	0.00000E+00	0.00000E+00	
686	0	0	0.00000E+00	0.00000E+00	-14615.	0.00000E+00	0.00000E+00	0.00000E+00	
690	0	0	0.00000E+00	0.00000E+00	-21184.	0.00000E+00	0.00000E+00	0.00000E+00	
692	0	0	0.00000E+00	0.00000E+00	-95915.	0.00000E+00	0.00000E+00	0.00000E+00	
696	0	0	0.00000E+00	0.00000E+00	-3715.1	0.00000E+00	0.00000E+00	0.00000E+00	
698	0	0	0.00000E+00	0.00000E+00	-16813.	0.00000E+00	0.00000E+00	0.00000E+00	
702	0	0	0.00000E+00	0.00000E+00	-5392.1	0.00000E+00	0.00000E+00	0.00000E+00	
704	0	0	0.00000E+00	0.00000E+00	-16395.	0.00000E+00	0.00000E+00	0.00000E+00	
708	0	0	0.00000E+00	0.00000E+00	-6303.4	0.00000E+00	0.00000E+00	0.00000E+00	
710	0	0	0.00000E+00	0.00000E+00	-28835.	0.00000E+00	0.00000E+00	0.00000E+00	
714	0	0	0.00000E+00	0.00000E+00	-17189.	0.00000E+00	0.00000E+00	0.00000E+00	
716	0	0	0.00000E+00	0.00000E+00	-77779.	0.00000E+00	0.00000E+00	0.00000E+00	
720	0	0	0.00000E+00	0.00000E+00	-3138.2	0.00000E+00	0.00000E+00	0.00000E+00	
722	0	0	0.00000E+00	0.00000E+00	-14220.	0.00000E+00	0.00000E+00	0.00000E+00	
1576	0	0	0.00000E+00	0.00000E+00	-9671.2	0.00000E+00	0.00000E+00	0.00000E+00	
1586	0	0	0.00000E+00	0.00000E+00	-63686.	0.00000E+00	0.00000E+00	0.00000E+00	
1600	0	0	0.00000E+00	0.00000E+00	-11171.	0.00000E+00	0.00000E+00	0.00000E+00	
1610	0	0	0.00000E+00	0.00000E+00	-8738.1	0.00000E+00	0.00000E+00	0.00000E+00	
1620	0	0	0.00000E+00	0.00000E+00	-52546.	0.00000E+00	0.00000E+00	0.00000E+00	

1630 0 0 0.00000E+00 0.00000E+00 -9464.4 0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1630

L O A D C A S E 7040

LoadID=30 Line=2830 Dir=Fwd Pos=157

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
690	0	0	0.00000E+00	0.00000E+00	-10289.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
692	0	0	0.00000E+00	0.00000E+00	-46571.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
696	0	0	0.00000E+00	0.00000E+00	-17841.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
698	0	0	0.00000E+00	0.00000E+00	-80734.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
714	0	0	0.00000E+00	0.00000E+00	-11390.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
716	0	0	0.00000E+00	0.00000E+00	-51548.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
720	0	0	0.00000E+00	0.00000E+00	-16739.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
722	0	0	0.00000E+00	0.00000E+00	-75780.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1586	0	0	0.00000E+00	0.00000E+00	-30884.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1600	0	0	0.00000E+00	0.00000E+00	-53681.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1620	0	0	0.00000E+00	0.00000E+00	-34265.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1630	0	0	0.00000E+00	0.00000E+00	-50279.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1630

L O A D C A S E 7041

LoadID=30 Line=2830 Dir=Fwd Pos=158

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
696	0	0	0.00000E+00	0.00000E+00	-21067.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
698	0	0	0.00000E+00	0.00000E+00	-95307.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
702	0	0	0.00000E+00	0.00000E+00	-7065.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
704	0	0	0.00000E+00	0.00000E+00	-31990.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
714	0	0	0.00000E+00	0.00000E+00	-458.91	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
716	0	0	0.00000E+00	0.00000E+00	-2109.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
720	0	0	0.00000E+00	0.00000E+00	-21194.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
722	0	0	0.00000E+00	0.00000E+00	-95914.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
726	0	0	0.00000E+00	0.00000E+00	-6479.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
728	0	0	0.00000E+00	0.00000E+00	-29323.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1600	0	0	0.00000E+00	0.00000E+00	-63274.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1610	0	0	0.00000E+00	0.00000E+00	-21296.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1620	0	0	0.00000E+00	0.00000E+00	-1456.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1630	0	0	0.00000E+00	0.00000E+00	-63641.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1640	0	0	0.00000E+00	0.00000E+00	-19424.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 15
LARGEST NODE OR ELEMENT NUMBER = 1640

L O A D C A S E 7042

LoadID=30 Line=2830 Dir=Fwd Pos=159

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
696	0	0	0.00000E+00	0.00000E+00	-5322.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
698	0	0	0.00000E+00	0.00000E+00	-24097.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
702	0	0	0.00000E+00	0.00000E+00	-15204.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
704	0	0	0.00000E+00	0.00000E+00	-71686.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
708	0	0	0.00000E+00	0.00000E+00	-6203.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
710	0	0	0.00000E+00	0.00000E+00	-24515.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
714	0	0	0.00000E+00	0.00000E+00	-5076.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
716	0	0	0.00000E+00	0.00000E+00	-13469.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
720	0	0	0.00000E+00	0.00000E+00	-5851.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
722	0	0	0.00000E+00	0.00000E+00	-26485.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
726	0	0	0.00000E+00	0.00000E+00	-21176.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
728	0	0	0.00000E+00	0.00000E+00	-95855.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
732	0	0	0.00000E+00	0.00000E+00	-1104.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
734	0	0	0.00000E+00	0.00000E+00	-4954.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1600	0	0	0.00000E+00	0.00000E+00	-15976.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1610	0	0	0.00000E+00	0.00000E+00	-51850.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1620	0	0	0.00000E+00	0.00000E+00	-6599.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1630	0	0	0.00000E+00	0.00000E+00	-17627.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1640	0	0	0.00000E+00	0.00000E+00	-63731.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1650	0	0	0.00000E+00	0.00000E+00	-3216.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1650

L O A D C A S E 7043

LoadID=30 Line=2830 Dir=Fwd Pos=160

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
702	0	0	0.00000E+00	0.00000E+00	-11604.	0.00000E+00	0.00000E+00	0.00000E+00	
704	0	0	0.00000E+00	0.00000E+00	-45336.	0.00000E+00	0.00000E+00	0.00000E+00	
708	0	0	0.00000E+00	0.00000E+00	-12515.	0.00000E+00	0.00000E+00	0.00000E+00	
710	0	0	0.00000E+00	0.00000E+00	-57885.	0.00000E+00	0.00000E+00	0.00000E+00	
714	0	0	0.00000E+00	0.00000E+00	-11500.	0.00000E+00	0.00000E+00	0.00000E+00	
716	0	0	0.00000E+00	0.00000E+00	-43859.	0.00000E+00	0.00000E+00	0.00000E+00	
726	0	0	0.00000E+00	0.00000E+00	-15521.	0.00000E+00	0.00000E+00	0.00000E+00	
728	0	0	0.00000E+00	0.00000E+00	-70279.	0.00000E+00	0.00000E+00	0.00000E+00	
732	0	0	0.00000E+00	0.00000E+00	-12608.	0.00000E+00	0.00000E+00	0.00000E+00	
734	0	0	0.00000E+00	0.00000E+00	-57034.	0.00000E+00	0.00000E+00	0.00000E+00	
1610	0	0	0.00000E+00	0.00000E+00	-29341.	0.00000E+00	0.00000E+00	0.00000E+00	
1620	0	0	0.00000E+00	0.00000E+00	-27960.	0.00000E+00	0.00000E+00	0.00000E+00	
1640	0	0	0.00000E+00	0.00000E+00	-46793.	0.00000E+00	0.00000E+00	0.00000E+00	
1650	0	0	0.00000E+00	0.00000E+00	-37765.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1650

L O A D C A S E 7044

LoadID=30 Line=2830 Dir=Fwd Pos=161

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
702	0	0	0.00000E+00	0.00000E+00	-5222.2	0.00000E+00	0.00000E+00	0.00000E+00	
704	0	0	0.00000E+00	0.00000E+00	-14163.	0.00000E+00	0.00000E+00	0.00000E+00	
708	0	0	0.00000E+00	0.00000E+00	-6243.6	0.00000E+00	0.00000E+00	0.00000E+00	
710	0	0	0.00000E+00	0.00000E+00	-24259.	0.00000E+00	0.00000E+00	0.00000E+00	
714	0	0	0.00000E+00	0.00000E+00	-15763.	0.00000E+00	0.00000E+00	0.00000E+00	
716	0	0	0.00000E+00	0.00000E+00	-73452.	0.00000E+00	0.00000E+00	0.00000E+00	
720	0	0	0.00000E+00	0.00000E+00	-4868.4	0.00000E+00	0.00000E+00	0.00000E+00	
722	0	0	0.00000E+00	0.00000E+00	-22068.	0.00000E+00	0.00000E+00	0.00000E+00	
726	0	0	0.00000E+00	0.00000E+00	-2553.9	0.00000E+00	0.00000E+00	0.00000E+00	
728	0	0	0.00000E+00	0.00000E+00	-11581.	0.00000E+00	0.00000E+00	0.00000E+00	
732	0	0	0.00000E+00	0.00000E+00	-21187.	0.00000E+00	0.00000E+00	0.00000E+00	
734	0	0	0.00000E+00	0.00000E+00	-95913.	0.00000E+00	0.00000E+00	0.00000E+00	
738	0	0	0.00000E+00	0.00000E+00	-4388.4	0.00000E+00	0.00000E+00	0.00000E+00	
740	0	0	0.00000E+00	0.00000E+00	-19850.	0.00000E+00	0.00000E+00	0.00000E+00	
1610	0	0	0.00000E+00	0.00000E+00	-6976.0	0.00000E+00	0.00000E+00	0.00000E+00	
1620	0	0	0.00000E+00	0.00000E+00	-52241.	0.00000E+00	0.00000E+00	0.00000E+00	
1630	0	0	0.00000E+00	0.00000E+00	-14744.	0.00000E+00	0.00000E+00	0.00000E+00	
1640	0	0	0.00000E+00	0.00000E+00	-7732.5	0.00000E+00	0.00000E+00	0.00000E+00	
1650	0	0	0.00000E+00	0.00000E+00	-63671.	0.00000E+00	0.00000E+00	0.00000E+00	
1660	0	0	0.00000E+00	0.00000E+00	-13124.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1660

L O A D C A S E 7045

LoadID=30 Line=2830 Dir=Fwd Pos=162

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
714	0	0	0.00000E+00	0.00000E+00	-7931.9	0.00000E+00	0.00000E+00	0.00000E+00	
716	0	0	0.00000E+00	0.00000E+00	-35858.	0.00000E+00	0.00000E+00	0.00000E+00	
720	0	0	0.00000E+00	0.00000E+00	-20200.	0.00000E+00	0.00000E+00	0.00000E+00	
722	0	0	0.00000E+00	0.00000E+00	-91485.	0.00000E+00	0.00000E+00	0.00000E+00	
732	0	0	0.00000E+00	0.00000E+00	-8941.5	0.00000E+00	0.00000E+00	0.00000E+00	
734	0	0	0.00000E+00	0.00000E+00	-40506.	0.00000E+00	0.00000E+00	0.00000E+00	
738	0	0	0.00000E+00	0.00000E+00	-19189.	0.00000E+00	0.00000E+00	0.00000E+00	
740	0	0	0.00000E+00	0.00000E+00	-86796.	0.00000E+00	0.00000E+00	0.00000E+00	
1620	0	0	0.00000E+00	0.00000E+00	-23696.	0.00000E+00	0.00000E+00	0.00000E+00	
1630	0	0	0.00000E+00	0.00000E+00	-60829.	0.00000E+00	0.00000E+00	0.00000E+00	
1650	0	0	0.00000E+00	0.00000E+00	-26993.	0.00000E+00	0.00000E+00	0.00000E+00	
1660	0	0	0.00000E+00	0.00000E+00	-57575.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12

LARGEST NODE OR ELEMENT NUMBER = 1660

LOAD CASE 7046

LoadID=30 Line=2830 Dir=Fwd Pos=163

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
720	0	0	0.00000E+00	0.00000E+00	-18667.	0.00000E+00	0.00000E+00	0.00000E+00		
722	0	0	0.00000E+00	0.00000E+00	-84486.	0.00000E+00	0.00000E+00	0.00000E+00		
726	0	0	0.00000E+00	0.00000E+00	-9463.5	0.00000E+00	0.00000E+00	0.00000E+00		
728	0	0	0.00000E+00	0.00000E+00	-42849.	0.00000E+00	0.00000E+00	0.00000E+00		
738	0	0	0.00000E+00	0.00000E+00	-12256.	0.00000E+00	0.00000E+00	0.00000E+00		
740	0	0	0.00000E+00	0.00000E+00	-53810.	0.00000E+00	0.00000E+00	0.00000E+00		
744	0	0	0.00000E+00	0.00000E+00	-12354.	0.00000E+00	0.00000E+00	0.00000E+00		
746	0	0	0.00000E+00	0.00000E+00	-55765.	0.00000E+00	0.00000E+00	0.00000E+00		
750	0	0	0.00000E+00	0.00000E+00	-10812.	0.00000E+00	0.00000E+00	0.00000E+00		
752	0	0	0.00000E+00	0.00000E+00	-35309.	0.00000E+00	0.00000E+00	0.00000E+00		
1630	0	0	0.00000E+00	0.00000E+00	-56014.	0.00000E+00	0.00000E+00	0.00000E+00		
1640	0	0	0.00000E+00	0.00000E+00	-28520.	0.00000E+00	0.00000E+00	0.00000E+00		
1660	0	0	0.00000E+00	0.00000E+00	-39787.	0.00000E+00	0.00000E+00	0.00000E+00		
1670	0	0	0.00000E+00	0.00000E+00	-19905.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
LARGEST NODE OR ELEMENT NUMBER = 1670

LOAD CASE 7047

LoadID=30 Line=2830 Dir=Fwd Pos=164

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
720	0	0	0.00000E+00	0.00000E+00	-4126.2	0.00000E+00	0.00000E+00	0.00000E+00		
722	0	0	0.00000E+00	0.00000E+00	-18665.	0.00000E+00	0.00000E+00	0.00000E+00		
726	0	0	0.00000E+00	0.00000E+00	-21184.	0.00000E+00	0.00000E+00	0.00000E+00		
728	0	0	0.00000E+00	0.00000E+00	-95867.	0.00000E+00	0.00000E+00	0.00000E+00		
732	0	0	0.00000E+00	0.00000E+00	-2818.8	0.00000E+00	0.00000E+00	0.00000E+00		
734	0	0	0.00000E+00	0.00000E+00	-12761.	0.00000E+00	0.00000E+00	0.00000E+00		
738	0	0	0.00000E+00	0.00000E+00	-5342.6	0.00000E+00	0.00000E+00	0.00000E+00		
740	0	0	0.00000E+00	0.00000E+00	-17360.	0.00000E+00	0.00000E+00	0.00000E+00		
744	0	0	0.00000E+00	0.00000E+00	-6196.9	0.00000E+00	0.00000E+00	0.00000E+00		
746	0	0	0.00000E+00	0.00000E+00	-32091.	0.00000E+00	0.00000E+00	0.00000E+00		
750	0	0	0.00000E+00	0.00000E+00	-17728.	0.00000E+00	0.00000E+00	0.00000E+00		
752	0	0	0.00000E+00	0.00000E+00	-79328.	0.00000E+00	0.00000E+00	0.00000E+00		
756	0	0	0.00000E+00	0.00000E+00	-2300.8	0.00000E+00	0.00000E+00	0.00000E+00		
758	0	0	0.00000E+00	0.00000E+00	-10386.	0.00000E+00	0.00000E+00	0.00000E+00		
1630	0	0	0.00000E+00	0.00000E+00	-12363.	0.00000E+00	0.00000E+00	0.00000E+00		
1640	0	0	0.00000E+00	0.00000E+00	-63710.	0.00000E+00	0.00000E+00	0.00000E+00		
1650	0	0	0.00000E+00	0.00000E+00	-8504.2	0.00000E+00	0.00000E+00	0.00000E+00		
1660	0	0	0.00000E+00	0.00000E+00	-9659.2	0.00000E+00	0.00000E+00	0.00000E+00		
1670	0	0	0.00000E+00	0.00000E+00	-52779.	0.00000E+00	0.00000E+00	0.00000E+00		
1680	0	0	0.00000E+00	0.00000E+00	-6828.7	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1680

LOAD CASE 7048

LoadID=30 Line=2830 Dir=Fwd Pos=165

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
726	0	0	0.00000E+00	0.00000E+00	-12079.	0.00000E+00	0.00000E+00	0.00000E+00		
728	0	0	0.00000E+00	0.00000E+00	-54656.	0.00000E+00	0.00000E+00	0.00000E+00		
732	0	0	0.00000E+00	0.00000E+00	-16050.	0.00000E+00	0.00000E+00	0.00000E+00		
734	0	0	0.00000E+00	0.00000E+00	-72669.	0.00000E+00	0.00000E+00	0.00000E+00		
750	0	0	0.00000E+00	0.00000E+00	-13122.	0.00000E+00	0.00000E+00	0.00000E+00		
752	0	0	0.00000E+00	0.00000E+00	-59432.	0.00000E+00	0.00000E+00	0.00000E+00		
756	0	0	0.00000E+00	0.00000E+00	-15007.	0.00000E+00	0.00000E+00	0.00000E+00		
758	0	0	0.00000E+00	0.00000E+00	-67883.	0.00000E+00	0.00000E+00	0.00000E+00		
1640	0	0	0.00000E+00	0.00000E+00	-36239.	0.00000E+00	0.00000E+00	0.00000E+00		
1650	0	0	0.00000E+00	0.00000E+00	-48307.	0.00000E+00	0.00000E+00	0.00000E+00		
1670	0	0	0.00000E+00	0.00000E+00	-39557.	0.00000E+00	0.00000E+00	0.00000E+00		
1680	0	0	0.00000E+00	0.00000E+00	-45000.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1680

L O A D C A S E 7049

LoadID=30 Line=2830 Dir=Fwd Pos=166

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
726	0	0	0.00000E+00	0.00000E+00	-839.97	0.00000E+00	0.00000E+00	0.00000E+00		
728	0	0	0.00000E+00	0.00000E+00	-3772.3	0.00000E+00	0.00000E+00	0.00000E+00		
732	0	0	0.00000E+00	0.00000E+00	-21178.	0.00000E+00	0.00000E+00	0.00000E+00		
734	0	0	0.00000E+00	0.00000E+00	-95908.	0.00000E+00	0.00000E+00	0.00000E+00		
738	0	0	0.00000E+00	0.00000E+00	-6113.5	0.00000E+00	0.00000E+00	0.00000E+00		
740	0	0	0.00000E+00	0.00000E+00	-27666.	0.00000E+00	0.00000E+00	0.00000E+00		
750	0	0	0.00000E+00	0.00000E+00	-1353.1	0.00000E+00	0.00000E+00	0.00000E+00		
752	0	0	0.00000E+00	0.00000E+00	-6144.0	0.00000E+00	0.00000E+00	0.00000E+00		
756	0	0	0.00000E+00	0.00000E+00	-21191.	0.00000E+00	0.00000E+00	0.00000E+00		
758	0	0	0.00000E+00	0.00000E+00	-95872.	0.00000E+00	0.00000E+00	0.00000E+00		
762	0	0	0.00000E+00	0.00000E+00	-5586.5	0.00000E+00	0.00000E+00	0.00000E+00		
764	0	0	0.00000E+00	0.00000E+00	-25278.	0.00000E+00	0.00000E+00	0.00000E+00		
1640	0	0	0.00000E+00	0.00000E+00	-2445.8	0.00000E+00	0.00000E+00	0.00000E+00		
1650	0	0	0.00000E+00	0.00000E+00	-63689.	0.00000E+00	0.00000E+00	0.00000E+00		
1660	0	0	0.00000E+00	0.00000E+00	-18388.	0.00000E+00	0.00000E+00	0.00000E+00		
1670	0	0	0.00000E+00	0.00000E+00	-4129.1	0.00000E+00	0.00000E+00	0.00000E+00		
1680	0	0	0.00000E+00	0.00000E+00	-63698.	0.00000E+00	0.00000E+00	0.00000E+00		
1690	0	0	0.00000E+00	0.00000E+00	-16748.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 18
 LARGEST NODE OR ELEMENT NUMBER = 1690

L O A D C A S E 7050

LoadID=30 Line=2830 Dir=Fwd Pos=167

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
732	0	0	0.00000E+00	0.00000E+00	-6218.3	0.00000E+00	0.00000E+00	0.00000E+00		
734	0	0	0.00000E+00	0.00000E+00	-28147.	0.00000E+00	0.00000E+00	0.00000E+00		
738	0	0	0.00000E+00	0.00000E+00	-14568.	0.00000E+00	0.00000E+00	0.00000E+00		
740	0	0	0.00000E+00	0.00000E+00	-69249.	0.00000E+00	0.00000E+00	0.00000E+00		
744	0	0	0.00000E+00	0.00000E+00	-6206.2	0.00000E+00	0.00000E+00	0.00000E+00		
746	0	0	0.00000E+00	0.00000E+00	-21417.	0.00000E+00	0.00000E+00	0.00000E+00		
750	0	0	0.00000E+00	0.00000E+00	-5122.2	0.00000E+00	0.00000E+00	0.00000E+00		
752	0	0	0.00000E+00	0.00000E+00	-12891.	0.00000E+00	0.00000E+00	0.00000E+00		
756	0	0	0.00000E+00	0.00000E+00	-6747.2	0.00000E+00	0.00000E+00	0.00000E+00		
758	0	0	0.00000E+00	0.00000E+00	-30533.	0.00000E+00	0.00000E+00	0.00000E+00		
762	0	0	0.00000E+00	0.00000E+00	-21175.	0.00000E+00	0.00000E+00	0.00000E+00		
764	0	0	0.00000E+00	0.00000E+00	-95901.	0.00000E+00	0.00000E+00	0.00000E+00		
768	0	0	0.00000E+00	0.00000E+00	-210.68	0.00000E+00	0.00000E+00	0.00000E+00		
770	0	0	0.00000E+00	0.00000E+00	-913.64	0.00000E+00	0.00000E+00	0.00000E+00		
1650	0	0	0.00000E+00	0.00000E+00	-18661.	0.00000E+00	0.00000E+00	0.00000E+00		
1660	0	0	0.00000E+00	0.00000E+00	-51488.	0.00000E+00	0.00000E+00	0.00000E+00		
1670	0	0	0.00000E+00	0.00000E+00	-6033.6	0.00000E+00	0.00000E+00	0.00000E+00		
1680	0	0	0.00000E+00	0.00000E+00	-20298.	0.00000E+00	0.00000E+00	0.00000E+00		
1690	0	0	0.00000E+00	0.00000E+00	-63686.	0.00000E+00	0.00000E+00	0.00000E+00		
1700	0	0	0.00000E+00	0.00000E+00	-535.78	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1700

L O A D C A S E 7051

LoadID=30 Line=2830 Dir=Fwd Pos=168

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
738	0	0	0.00000E+00	0.00000E+00	-11821.	0.00000E+00	0.00000E+00	0.00000E+00		
740	0	0	0.00000E+00	0.00000E+00	-48578.	0.00000E+00	0.00000E+00	0.00000E+00		
744	0	0	0.00000E+00	0.00000E+00	-12444.	0.00000E+00	0.00000E+00	0.00000E+00		
746	0	0	0.00000E+00	0.00000E+00	-57447.	0.00000E+00	0.00000E+00	0.00000E+00		
750	0	0	0.00000E+00	0.00000E+00	-11234.	0.00000E+00	0.00000E+00	0.00000E+00		
752	0	0	0.00000E+00	0.00000E+00	-40713.	0.00000E+00	0.00000E+00	0.00000E+00		
762	0	0	0.00000E+00	0.00000E+00	-17311.	0.00000E+00	0.00000E+00	0.00000E+00		
764	0	0	0.00000E+00	0.00000E+00	-78395.	0.00000E+00	0.00000E+00	0.00000E+00		
768	0	0	0.00000E+00	0.00000E+00	-10819.	0.00000E+00	0.00000E+00	0.00000E+00		
770	0	0	0.00000E+00	0.00000E+00	-48935.	0.00000E+00	0.00000E+00	0.00000E+00		
1660	0	0	0.00000E+00	0.00000E+00	-33014.	0.00000E+00	0.00000E+00	0.00000E+00		
1670	0	0	0.00000E+00	0.00000E+00	-24749.	0.00000E+00	0.00000E+00	0.00000E+00		
1690	0	0	0.00000E+00	0.00000E+00	-52133.	0.00000E+00	0.00000E+00	0.00000E+00		
1700	0	0	0.00000E+00	0.00000E+00	-32408.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14
 LARGEST NODE OR ELEMENT NUMBER = 1700

L O A D C A S E 7052

LoadID=30 Line=2830 Dir=Fwd Pos=169

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
738	0	0	0.00000E+00	0.00000E+00	-5187.7	0.00000E+00	0.00000E+00	0.00000E+00	
740	0	0	0.00000E+00	0.00000E+00	-15018.	0.00000E+00	0.00000E+00	0.00000E+00	
744	0	0	0.00000E+00	0.00000E+00	-6204.2	0.00000E+00	0.00000E+00	0.00000E+00	
746	0	0	0.00000E+00	0.00000E+00	-27858.	0.00000E+00	0.00000E+00	0.00000E+00	
750	0	0	0.00000E+00	0.00000E+00	-16339.	0.00000E+00	0.00000E+00	0.00000E+00	
752	0	0	0.00000E+00	0.00000E+00	-75291.	0.00000E+00	0.00000E+00	0.00000E+00	
756	0	0	0.00000E+00	0.00000E+00	-4019.4	0.00000E+00	0.00000E+00	0.00000E+00	
758	0	0	0.00000E+00	0.00000E+00	-18199.	0.00000E+00	0.00000E+00	0.00000E+00	
762	0	0	0.00000E+00	0.00000E+00	-3450.0	0.00000E+00	0.00000E+00	0.00000E+00	
764	0	0	0.00000E+00	0.00000E+00	-15625.	0.00000E+00	0.00000E+00	0.00000E+00	
768	0	0	0.00000E+00	0.00000E+00	-21182.	0.00000E+00	0.00000E+00	0.00000E+00	
770	0	0	0.00000E+00	0.00000E+00	-95868.	0.00000E+00	0.00000E+00	0.00000E+00	
774	0	0	0.00000E+00	0.00000E+00	-3497.3	0.00000E+00	0.00000E+00	0.00000E+00	
776	0	0	0.00000E+00	0.00000E+00	-15799.	0.00000E+00	0.00000E+00	0.00000E+00	
1660	0	0	0.00000E+00	0.00000E+00	-7756.3	0.00000E+00	0.00000E+00	0.00000E+00	
1670	0	0	0.00000E+00	0.00000E+00	-52021.	0.00000E+00	0.00000E+00	0.00000E+00	
1680	0	0	0.00000E+00	0.00000E+00	-12107.	0.00000E+00	0.00000E+00	0.00000E+00	
1690	0	0	0.00000E+00	0.00000E+00	-10423.	0.00000E+00	0.00000E+00	0.00000E+00	
1700	0	0	0.00000E+00	0.00000E+00	-63723.	0.00000E+00	0.00000E+00	0.00000E+00	
1710	0	0	0.00000E+00	0.00000E+00	-10432.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
 LARGEST NODE OR ELEMENT NUMBER = 1710

L O A D C A S E 7053

LoadID=30 Line=2830 Dir=Fwd Pos=170

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
750	0	0	0.00000E+00	0.00000E+00	-9681.4	0.00000E+00	0.00000E+00	0.00000E+00	
752	0	0	0.00000E+00	0.00000E+00	-43800.	0.00000E+00	0.00000E+00	0.00000E+00	
756	0	0	0.00000E+00	0.00000E+00	-18449.	0.00000E+00	0.00000E+00	0.00000E+00	
758	0	0	0.00000E+00	0.00000E+00	-83504.	0.00000E+00	0.00000E+00	0.00000E+00	
768	0	0	0.00000E+00	0.00000E+00	-10724.	0.00000E+00	0.00000E+00	0.00000E+00	
770	0	0	0.00000E+00	0.00000E+00	-48587.	0.00000E+00	0.00000E+00	0.00000E+00	
774	0	0	0.00000E+00	0.00000E+00	-17406.	0.00000E+00	0.00000E+00	0.00000E+00	
776	0	0	0.00000E+00	0.00000E+00	-78743.	0.00000E+00	0.00000E+00	0.00000E+00	
1670	0	0	0.00000E+00	0.00000E+00	-29011.	0.00000E+00	0.00000E+00	0.00000E+00	
1680	0	0	0.00000E+00	0.00000E+00	-55555.	0.00000E+00	0.00000E+00	0.00000E+00	
1700	0	0	0.00000E+00	0.00000E+00	-23391.	0.00000E+00	0.00000E+00	0.00000E+00	
1710	0	0	0.00000E+00	0.00000E+00	-52149.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
 LARGEST NODE OR ELEMENT NUMBER = 1710

L O A D C A S E 7054

LoadID=30 Line=2830 Dir=Fwd Pos=171

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
756	0	0	0.00000E+00	0.00000E+00	-20459.	0.00000E+00	0.00000E+00	0.00000E+00	
758	0	0	0.00000E+00	0.00000E+00	-92537.	0.00000E+00	0.00000E+00	0.00000E+00	
762	0	0	0.00000E+00	0.00000E+00	-7673.9	0.00000E+00	0.00000E+00	0.00000E+00	
764	0	0	0.00000E+00	0.00000E+00	-34762.	0.00000E+00	0.00000E+00	0.00000E+00	
768	0	0	0.00000E+00	0.00000E+00	-151.85	0.00000E+00	0.00000E+00	0.00000E+00	
770	0	0	0.00000E+00	0.00000E+00	-727.34	0.00000E+00	0.00000E+00	0.00000E+00	
774	0	0	0.00000E+00	0.00000E+00	-19578.	0.00000E+00	0.00000E+00	0.00000E+00	
776	0	0	0.00000E+00	0.00000E+00	-84665.	0.00000E+00	0.00000E+00	0.00000E+00	
780	0	0	0.00000E+00	0.00000E+00	-6150.1	0.00000E+00	0.00000E+00	0.00000E+00	
782	0	0	0.00000E+00	0.00000E+00	-34415.	0.00000E+00	0.00000E+00	0.00000E+00	
786	0	0	0.00000E+00	0.00000E+00	-5572.9	0.00000E+00	0.00000E+00	0.00000E+00	
788	0	0	0.00000E+00	0.00000E+00	-20796.	0.00000E+00	0.00000E+00	0.00000E+00	
1680	0	0	0.00000E+00	0.00000E+00	-61400.	0.00000E+00	0.00000E+00	0.00000E+00	
1690	0	0	0.00000E+00	0.00000E+00	-23169.	0.00000E+00	0.00000E+00	0.00000E+00	
1700	0	0	0.00000E+00	0.00000E+00	-551.39	0.00000E+00	0.00000E+00	0.00000E+00	
1710	0	0	0.00000E+00	0.00000E+00	-54954.	0.00000E+00	0.00000E+00	0.00000E+00	

1720 0 0 0.00000E+00 0.00000E+00 -12439. 0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 17
LARGEST NODE OR ELEMENT NUMBER = 1720

L O A D C A S E 7055

LoadID=30 Line=2830 Dir=Fwd Pos=172

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
756	0	0	0.00000E+00	0.00000E+00	-5019.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
758	0	0	0.00000E+00	0.00000E+00	-22712.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
762	0	0	0.00000E+00	0.00000E+00	-21188.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
764	0	0	0.00000E+00	0.00000E+00	-95911.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
768	0	0	0.00000E+00	0.00000E+00	-1922.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
770	0	0	0.00000E+00	0.00000E+00	-8719.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
774	0	0	0.00000E+00	0.00000E+00	-5500.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
776	0	0	0.00000E+00	0.00000E+00	-18867.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
780	0	0	0.00000E+00	0.00000E+00	-6232.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
782	0	0	0.00000E+00	0.00000E+00	-32795.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
786	0	0	0.00000E+00	0.00000E+00	-18533.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
788	0	0	0.00000E+00	0.00000E+00	-81628.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
792	0	0	0.00000E+00	0.00000E+00	-1423.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
794	0	0	0.00000E+00	0.00000E+00	-6384.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1680	0	0	0.00000E+00	0.00000E+00	-15037.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1690	0	0	0.00000E+00	0.00000E+00	-63665.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1700	0	0	0.00000E+00	0.00000E+00	-5824.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1710	0	0	0.00000E+00	0.00000E+00	-10818.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1720	0	0	0.00000E+00	0.00000E+00	-53683.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1730	0	0	0.00000E+00	0.00000E+00	-4136.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1730

L O A D C A S E 7056

LoadID=30 Line=2830 Dir=Fwd Pos=173

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
762	0	0	0.00000E+00	0.00000E+00	-13869.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
764	0	0	0.00000E+00	0.00000E+00	-62760.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
768	0	0	0.00000E+00	0.00000E+00	-14260.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
770	0	0	0.00000E+00	0.00000E+00	-64557.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
786	0	0	0.00000E+00	0.00000E+00	-14893.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
788	0	0	0.00000E+00	0.00000E+00	-67466.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
792	0	0	0.00000E+00	0.00000E+00	-13236.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
794	0	0	0.00000E+00	0.00000E+00	-59848.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1690	0	0	0.00000E+00	0.00000E+00	-41597.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1700	0	0	0.00000E+00	0.00000E+00	-42958.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1720	0	0	0.00000E+00	0.00000E+00	-44967.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1730	0	0	0.00000E+00	0.00000E+00	-39590.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1730

L O A D C A S E 7057

LoadID=30 Line=2830 Dir=Fwd Pos=174

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
762	0	0	0.00000E+00	0.00000E+00	-1733.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
764	0	0	0.00000E+00	0.00000E+00	-7817.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
768	0	0	0.00000E+00	0.00000E+00	-21177.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
770	0	0	0.00000E+00	0.00000E+00	-95861.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
774	0	0	0.00000E+00	0.00000E+00	-5220.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
776	0	0	0.00000E+00	0.00000E+00	-23616.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
786	0	0	0.00000E+00	0.00000E+00	-2246.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
788	0	0	0.00000E+00	0.00000E+00	-10197.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
792	0	0	0.00000E+00	0.00000E+00	-21190.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
794	0	0	0.00000E+00	0.00000E+00	-95919.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
798	0	0	0.00000E+00	0.00000E+00	-4693.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
800	0	0	0.00000E+00	0.00000E+00	-21227.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1690	0	0	0.00000E+00	0.00000E+00	-5142.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1700	0	0	0.00000E+00	0.00000E+00	-63735.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1710	0	0	0.00000E+00	0.00000E+00	-15699.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

1720	0	0	0.00000E+00	0.00000E+00	-6826.5	0.00000E+00	0.00000E+00	0.00000E+00
1730	0	0	0.00000E+00	0.00000E+00	-63669.	0.00000E+00	0.00000E+00	0.00000E+00
1740	0	0	0.00000E+00	0.00000E+00	-14031.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 18
LARGEST NODE OR ELEMENT NUMBER = 1740

L O A D C A S E 7058

LoadID=30 Line=2830 Dir=Fwd Pos=175

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
768	0	0	0.00000E+00	0.00000E+00	-7283.5	0.00000E+00	0.00000E+00	0.00000E+00	
770	0	0	0.00000E+00	0.00000E+00	-32963.	0.00000E+00	0.00000E+00	0.00000E+00	
774	0	0	0.00000E+00	0.00000E+00	-20849.	0.00000E+00	0.00000E+00	0.00000E+00	
776	0	0	0.00000E+00	0.00000E+00	-94383.	0.00000E+00	0.00000E+00	0.00000E+00	
792	0	0	0.00000E+00	0.00000E+00	-8326.3	0.00000E+00	0.00000E+00	0.00000E+00	
794	0	0	0.00000E+00	0.00000E+00	-37734.	0.00000E+00	0.00000E+00	0.00000E+00	
798	0	0	0.00000E+00	0.00000E+00	-19806.	0.00000E+00	0.00000E+00	0.00000E+00	
800	0	0	0.00000E+00	0.00000E+00	-89566.	0.00000E+00	0.00000E+00	0.00000E+00	
1700	0	0	0.00000E+00	0.00000E+00	-21843.	0.00000E+00	0.00000E+00	0.00000E+00	
1710	0	0	0.00000E+00	0.00000E+00	-62678.	0.00000E+00	0.00000E+00	0.00000E+00	
1730	0	0	0.00000E+00	0.00000E+00	-25177.	0.00000E+00	0.00000E+00	0.00000E+00	
1740	0	0	0.00000E+00	0.00000E+00	-59390.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1740

L O A D C A S E 7059

LoadID=30 Line=2830 Dir=Fwd Pos=176

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
774	0	0	0.00000E+00	0.00000E+00	-11978.	0.00000E+00	0.00000E+00	0.00000E+00	
776	0	0	0.00000E+00	0.00000E+00	-51070.	0.00000E+00	0.00000E+00	0.00000E+00	
780	0	0	0.00000E+00	0.00000E+00	-12413.	0.00000E+00	0.00000E+00	0.00000E+00	
782	0	0	0.00000E+00	0.00000E+00	-57146.	0.00000E+00	0.00000E+00	0.00000E+00	
786	0	0	0.00000E+00	0.00000E+00	-10981.	0.00000E+00	0.00000E+00	0.00000E+00	
788	0	0	0.00000E+00	0.00000E+00	-37841.	0.00000E+00	0.00000E+00	0.00000E+00	
798	0	0	0.00000E+00	0.00000E+00	-19102.	0.00000E+00	0.00000E+00	0.00000E+00	
800	0	0	0.00000E+00	0.00000E+00	-86475.	0.00000E+00	0.00000E+00	0.00000E+00	
804	0	0	0.00000E+00	0.00000E+00	-9029.1	0.00000E+00	0.00000E+00	0.00000E+00	
806	0	0	0.00000E+00	0.00000E+00	-40827.	0.00000E+00	0.00000E+00	0.00000E+00	
1710	0	0	0.00000E+00	0.00000E+00	-36495.	0.00000E+00	0.00000E+00	0.00000E+00	
1720	0	0	0.00000E+00	0.00000E+00	-22074.	0.00000E+00	0.00000E+00	0.00000E+00	
1740	0	0	0.00000E+00	0.00000E+00	-57564.	0.00000E+00	0.00000E+00	0.00000E+00	
1750	0	0	0.00000E+00	0.00000E+00	-27003.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14
LARGEST NODE OR ELEMENT NUMBER = 1750

L O A D C A S E 7060

LoadID=30 Line=2830 Dir=Fwd Pos=177

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
774	0	0	0.00000E+00	0.00000E+00	-5374.9	0.00000E+00	0.00000E+00	0.00000E+00	
776	0	0	0.00000E+00	0.00000E+00	-16423.	0.00000E+00	0.00000E+00	0.00000E+00	
780	0	0	0.00000E+00	0.00000E+00	-6273.7	0.00000E+00	0.00000E+00	0.00000E+00	
782	0	0	0.00000E+00	0.00000E+00	-28925.	0.00000E+00	0.00000E+00	0.00000E+00	
786	0	0	0.00000E+00	0.00000E+00	-17203.	0.00000E+00	0.00000E+00	0.00000E+00	
788	0	0	0.00000E+00	0.00000E+00	-77861.	0.00000E+00	0.00000E+00	0.00000E+00	
792	0	0	0.00000E+00	0.00000E+00	-3137.2	0.00000E+00	0.00000E+00	0.00000E+00	
794	0	0	0.00000E+00	0.00000E+00	-14184.	0.00000E+00	0.00000E+00	0.00000E+00	
798	0	0	0.00000E+00	0.00000E+00	-4346.1	0.00000E+00	0.00000E+00	0.00000E+00	
800	0	0	0.00000E+00	0.00000E+00	-19685.	0.00000E+00	0.00000E+00	0.00000E+00	
804	0	0	0.00000E+00	0.00000E+00	-21192.	0.00000E+00	0.00000E+00	0.00000E+00	
806	0	0	0.00000E+00	0.00000E+00	-95945.	0.00000E+00	0.00000E+00	0.00000E+00	
810	0	0	0.00000E+00	0.00000E+00	-2591.8	0.00000E+00	0.00000E+00	0.00000E+00	
812	0	0	0.00000E+00	0.00000E+00	-11712.	0.00000E+00	0.00000E+00	0.00000E+00	
1710	0	0	0.00000E+00	0.00000E+00	-8763.4	0.00000E+00	0.00000E+00	0.00000E+00	
1720	0	0	0.00000E+00	0.00000E+00	-52434.	0.00000E+00	0.00000E+00	0.00000E+00	
1730	0	0	0.00000E+00	0.00000E+00	-9420.3	0.00000E+00	0.00000E+00	0.00000E+00	
1740	0	0	0.00000E+00	0.00000E+00	-13110.	0.00000E+00	0.00000E+00	0.00000E+00	
1750	0	0	0.00000E+00	0.00000E+00	-63694.	0.00000E+00	0.00000E+00	0.00000E+00	

1760 0 0 0.00000E+00 0.00000E+00 -7723.3 0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1760

L O A D C A S E 7061

LoadID=30 Line=2830 Dir=Fwd Pos=178

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
786	0	0	0.00000E+00	0.00000E+00	-11456.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
788	0	0	0.00000E+00	0.00000E+00	-51859.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
792	0	0	0.00000E+00	0.00000E+00	-16673.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
794	0	0	0.00000E+00	0.00000E+00	-75469.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
804	0	0	0.00000E+00	0.00000E+00	-12589.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
806	0	0	0.00000E+00	0.00000E+00	-56960.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
810	0	0	0.00000E+00	0.00000E+00	-15539.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
812	0	0	0.00000E+00	0.00000E+00	-70353.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1720	0	0	0.00000E+00	0.00000E+00	-34416.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1730	0	0	0.00000E+00	0.00000E+00	-50127.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1750	0	0	0.00000E+00	0.00000E+00	-37815.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1760	0	0	0.00000E+00	0.00000E+00	-46743.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1760

L O A D C A S E 7062

LoadID=30 Line=2830 Dir=Fwd Pos=179

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
786	0	0	0.00000E+00	0.00000E+00	-535.67	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
788	0	0	0.00000E+00	0.00000E+00	-2397.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
792	0	0	0.00000E+00	0.00000E+00	-21176.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
794	0	0	0.00000E+00	0.00000E+00	-95902.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
798	0	0	0.00000E+00	0.00000E+00	-6420.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
800	0	0	0.00000E+00	0.00000E+00	-29047.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
804	0	0	0.00000E+00	0.00000E+00	-1111.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
806	0	0	0.00000E+00	0.00000E+00	-4999.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
810	0	0	0.00000E+00	0.00000E+00	-18805.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
812	0	0	0.00000E+00	0.00000E+00	-82367.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
816	0	0	0.00000E+00	0.00000E+00	-6192.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
818	0	0	0.00000E+00	0.00000E+00	-33317.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
822	0	0	0.00000E+00	0.00000E+00	-5506.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
824	0	0	0.00000E+00	0.00000E+00	-19344.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1720	0	0	0.00000E+00	0.00000E+00	-1540.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1730	0	0	0.00000E+00	0.00000E+00	-63687.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1740	0	0	0.00000E+00	0.00000E+00	-19294.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1750	0	0	0.00000E+00	0.00000E+00	-3281.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1760	0	0	0.00000E+00	0.00000E+00	-53878.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1770	0	0	0.00000E+00	0.00000E+00	-11196.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1770

L O A D C A S E 7063

LoadID=30 Line=2830 Dir=Fwd Pos=180

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
792	0	0	0.00000E+00	0.00000E+00	-5912.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
794	0	0	0.00000E+00	0.00000E+00	-26764.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
798	0	0	0.00000E+00	0.00000E+00	-21193.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
800	0	0	0.00000E+00	0.00000E+00	-95873.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
804	0	0	0.00000E+00	0.00000E+00	-1026.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
806	0	0	0.00000E+00	0.00000E+00	-4657.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
810	0	0	0.00000E+00	0.00000E+00	-5533.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
812	0	0	0.00000E+00	0.00000E+00	-20260.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
816	0	0	0.00000E+00	0.00000E+00	-6155.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
818	0	0	0.00000E+00	0.00000E+00	-34314.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
822	0	0	0.00000E+00	0.00000E+00	-19217.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
824	0	0	0.00000E+00	0.00000E+00	-83676.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
828	0	0	0.00000E+00	0.00000E+00	-514.78	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
830	0	0	0.00000E+00	0.00000E+00	-2286.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1730	0	0	0.00000E+00	0.00000E+00	-17753.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

1740	0	0	0.00000E+00	0.00000E+00	-63695.	0.00000E+00	0.00000E+00	0.00000E+00
1750	0	0	0.00000E+00	0.00000E+00	-3125.7	0.00000E+00	0.00000E+00	0.00000E+00
1760	0	0	0.00000E+00	0.00000E+00	-11982.	0.00000E+00	0.00000E+00	0.00000E+00
1770	0	0	0.00000E+00	0.00000E+00	-54621.	0.00000E+00	0.00000E+00	0.00000E+00
1780	0	0	0.00000E+00	0.00000E+00	-1439.2	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1780

L O A D C A S E 7064

LoadID=30 Line=2830 Dir=Fwd Pos=181

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
798	0	0	0.00000E+00	0.00000E+00	-15659.	0.00000E+00	0.00000E+00	0.00000E+00		
800	0	0	0.00000E+00	0.00000E+00	-70854.	0.00000E+00	0.00000E+00	0.00000E+00		
804	0	0	0.00000E+00	0.00000E+00	-12470.	0.00000E+00	0.00000E+00	0.00000E+00		
806	0	0	0.00000E+00	0.00000E+00	-56458.	0.00000E+00	0.00000E+00	0.00000E+00		
822	0	0	0.00000E+00	0.00000E+00	-16693.	0.00000E+00	0.00000E+00	0.00000E+00		
824	0	0	0.00000E+00	0.00000E+00	-75628.	0.00000E+00	0.00000E+00	0.00000E+00		
828	0	0	0.00000E+00	0.00000E+00	-11437.	0.00000E+00	0.00000E+00	0.00000E+00		
830	0	0	0.00000E+00	0.00000E+00	-51699.	0.00000E+00	0.00000E+00	0.00000E+00		
1740	0	0	0.00000E+00	0.00000E+00	-47009.	0.00000E+00	0.00000E+00	0.00000E+00		
1750	0	0	0.00000E+00	0.00000E+00	-37549.	0.00000E+00	0.00000E+00	0.00000E+00		
1770	0	0	0.00000E+00	0.00000E+00	-50354.	0.00000E+00	0.00000E+00	0.00000E+00		
1780	0	0	0.00000E+00	0.00000E+00	-34189.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1780

L O A D C A S E 7065

LoadID=30 Line=2830 Dir=Fwd Pos=182

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
798	0	0	0.00000E+00	0.00000E+00	-2626.3	0.00000E+00	0.00000E+00	0.00000E+00		
800	0	0	0.00000E+00	0.00000E+00	-11872.	0.00000E+00	0.00000E+00	0.00000E+00		
804	0	0	0.00000E+00	0.00000E+00	-21200.	0.00000E+00	0.00000E+00	0.00000E+00		
806	0	0	0.00000E+00	0.00000E+00	-95976.	0.00000E+00	0.00000E+00	0.00000E+00		
810	0	0	0.00000E+00	0.00000E+00	-4303.1	0.00000E+00	0.00000E+00	0.00000E+00		
812	0	0	0.00000E+00	0.00000E+00	-19496.	0.00000E+00	0.00000E+00	0.00000E+00		
822	0	0	0.00000E+00	0.00000E+00	-3136.2	0.00000E+00	0.00000E+00	0.00000E+00		
824	0	0	0.00000E+00	0.00000E+00	-14233.	0.00000E+00	0.00000E+00	0.00000E+00		
828	0	0	0.00000E+00	0.00000E+00	-21177.	0.00000E+00	0.00000E+00	0.00000E+00		
830	0	0	0.00000E+00	0.00000E+00	-95856.	0.00000E+00	0.00000E+00	0.00000E+00		
834	0	0	0.00000E+00	0.00000E+00	-3816.1	0.00000E+00	0.00000E+00	0.00000E+00		
836	0	0	0.00000E+00	0.00000E+00	-17202.	0.00000E+00	0.00000E+00	0.00000E+00		
1740	0	0	0.00000E+00	0.00000E+00	-7834.2	0.00000E+00	0.00000E+00	0.00000E+00		
1750	0	0	0.00000E+00	0.00000E+00	-63701.	0.00000E+00	0.00000E+00	0.00000E+00		
1760	0	0	0.00000E+00	0.00000E+00	-12992.	0.00000E+00	0.00000E+00	0.00000E+00		
1770	0	0	0.00000E+00	0.00000E+00	-9546.7	0.00000E+00	0.00000E+00	0.00000E+00		
1780	0	0	0.00000E+00	0.00000E+00	-63738.	0.00000E+00	0.00000E+00	0.00000E+00		
1790	0	0	0.00000E+00	0.00000E+00	-11293.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 18
LARGEST NODE OR ELEMENT NUMBER = 1790

L O A D C A S E 7066

LoadID=30 Line=2830 Dir=Fwd Pos=183

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
804	0	0	0.00000E+00	0.00000E+00	-9164.8	0.00000E+00	0.00000E+00	0.00000E+00		
806	0	0	0.00000E+00	0.00000E+00	-41389.	0.00000E+00	0.00000E+00	0.00000E+00		
810	0	0	0.00000E+00	0.00000E+00	-18965.	0.00000E+00	0.00000E+00	0.00000E+00		
812	0	0	0.00000E+00	0.00000E+00	-85914.	0.00000E+00	0.00000E+00	0.00000E+00		
828	0	0	0.00000E+00	0.00000E+00	-10077.	0.00000E+00	0.00000E+00	0.00000E+00		
830	0	0	0.00000E+00	0.00000E+00	-45762.	0.00000E+00	0.00000E+00	0.00000E+00		
834	0	0	0.00000E+00	0.00000E+00	-18054.	0.00000E+00	0.00000E+00	0.00000E+00		
836	0	0	0.00000E+00	0.00000E+00	-81570.	0.00000E+00	0.00000E+00	0.00000E+00		
1750	0	0	0.00000E+00	0.00000E+00	-27284.	0.00000E+00	0.00000E+00	0.00000E+00		
1760	0	0	0.00000E+00	0.00000E+00	-57283.	0.00000E+00	0.00000E+00	0.00000E+00		
1780	0	0	0.00000E+00	0.00000E+00	-30695.	0.00000E+00	0.00000E+00	0.00000E+00		
1790	0	0	0.00000E+00	0.00000E+00	-53842.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1790

L O A D C A S E 7067

LoadID=30 Line=2830 Dir=Fwd Pos=184

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
810	0	0	0.00000E+00	0.00000E+00	-12277.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
812	0	0	0.00000E+00	0.00000E+00	-54127.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
816	0	0	0.00000E+00	0.00000E+00	-12344.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
818	0	0	0.00000E+00	0.00000E+00	-55597.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
822	0	0	0.00000E+00	0.00000E+00	-10790.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
824	0	0	0.00000E+00	0.00000E+00	-35116.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
834	0	0	0.00000E+00	0.00000E+00	-20820.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
836	0	0	0.00000E+00	0.00000E+00	-94337.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
840	0	0	0.00000E+00	0.00000E+00	-7375.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
842	0	0	0.00000E+00	0.00000E+00	-33114.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1760	0	0	0.00000E+00	0.00000E+00	-39949.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1770	0	0	0.00000E+00	0.00000E+00	-19800.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1790	0	0	0.00000E+00	0.00000E+00	-62830.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1804	0	0	0.00000E+00	0.00000E+00	-21523.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14
LARGEST NODE OR ELEMENT NUMBER = 1804

L O A D C A S E 7068

LoadID=30 Line=2830 Dir=Fwd Pos=185

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
810	0	0	0.00000E+00	0.00000E+00	-5343.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
812	0	0	0.00000E+00	0.00000E+00	-17498.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
816	0	0	0.00000E+00	0.00000E+00	-6174.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
818	0	0	0.00000E+00	0.00000E+00	-32191.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
822	0	0	0.00000E+00	0.00000E+00	-17815.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
824	0	0	0.00000E+00	0.00000E+00	-79491.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
828	0	0	0.00000E+00	0.00000E+00	-2229.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
830	0	0	0.00000E+00	0.00000E+00	-10097.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
834	0	0	0.00000E+00	0.00000E+00	-5176.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
836	0	0	0.00000E+00	0.00000E+00	-23432.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
840	0	0	0.00000E+00	0.00000E+00	-21279.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
842	0	0	0.00000E+00	0.00000E+00	-95910.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
846	0	0	0.00000E+00	0.00000E+00	-1874.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
848	0	0	0.00000E+00	0.00000E+00	-8322.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1760	0	0	0.00000E+00	0.00000E+00	-9695.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1770	0	0	0.00000E+00	0.00000E+00	-52743.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1780	0	0	0.00000E+00	0.00000E+00	-6721.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1790	0	0	0.00000E+00	0.00000E+00	-15621.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1804	0	0	0.00000E+00	0.00000E+00	-63126.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1814	0	0	0.00000E+00	0.00000E+00	-5258.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1814

L O A D C A S E 7069

LoadID=30 Line=2830 Dir=Fwd Pos=186

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
822	0	0	0.00000E+00	0.00000E+00	-13248.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
824	0	0	0.00000E+00	0.00000E+00	-59988.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
828	0	0	0.00000E+00	0.00000E+00	-14881.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
830	0	0	0.00000E+00	0.00000E+00	-67326.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
840	0	0	0.00000E+00	0.00000E+00	-14064.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
842	0	0	0.00000E+00	0.00000E+00	-63547.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
846	0	0	0.00000E+00	0.00000E+00	-14351.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
848	0	0	0.00000E+00	0.00000E+00	-64447.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1770	0	0	0.00000E+00	0.00000E+00	-39826.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1780	0	0	0.00000E+00	0.00000E+00	-44730.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1804	0	0	0.00000E+00	0.00000E+00	-41948.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1814	0	0	0.00000E+00	0.00000E+00	-41643.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1814

L O A D C A S E 7070

LoadID=30 Line=2830 Dir=Fwd Pos=187

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
822	0	0	0.00000E+00	0.00000E+00	-1418.9	0.00000E+00	0.00000E+00	0.00000E+00		
824	0	0	0.00000E+00	0.00000E+00	-6423.3	0.00000E+00	0.00000E+00	0.00000E+00		
828	0	0	0.00000E+00	0.00000E+00	-21171.	0.00000E+00	0.00000E+00	0.00000E+00		
830	0	0	0.00000E+00	0.00000E+00	-95847.	0.00000E+00	0.00000E+00	0.00000E+00		
834	0	0	0.00000E+00	0.00000E+00	-5541.4	0.00000E+00	0.00000E+00	0.00000E+00		
836	0	0	0.00000E+00	0.00000E+00	-25023.	0.00000E+00	0.00000E+00	0.00000E+00		
840	0	0	0.00000E+00	0.00000E+00	-1735.7	0.00000E+00	0.00000E+00	0.00000E+00		
842	0	0	0.00000E+00	0.00000E+00	-7934.1	0.00000E+00	0.00000E+00	0.00000E+00		
846	0	0	0.00000E+00	0.00000E+00	-18451.	0.00000E+00	0.00000E+00	0.00000E+00		
848	0	0	0.00000E+00	0.00000E+00	-81034.	0.00000E+00	0.00000E+00	0.00000E+00		
852	0	0	0.00000E+00	0.00000E+00	-6224.1	0.00000E+00	0.00000E+00	0.00000E+00		
854	0	0	0.00000E+00	0.00000E+00	-32847.	0.00000E+00	0.00000E+00	0.00000E+00		
858	0	0	0.00000E+00	0.00000E+00	-5446.6	0.00000E+00	0.00000E+00	0.00000E+00		
860	0	0	0.00000E+00	0.00000E+00	-18290.	0.00000E+00	0.00000E+00	0.00000E+00		
1770	0	0	0.00000E+00	0.00000E+00	-4267.8	0.00000E+00	0.00000E+00	0.00000E+00		
1780	0	0	0.00000E+00	0.00000E+00	-63753.	0.00000E+00	0.00000E+00	0.00000E+00		
1790	0	0	0.00000E+00	0.00000E+00	-16554.	0.00000E+00	0.00000E+00	0.00000E+00		
1804	0	0	0.00000E+00	0.00000E+00	-5344.3	0.00000E+00	0.00000E+00	0.00000E+00		
1814	0	0	0.00000E+00	0.00000E+00	-52441.	0.00000E+00	0.00000E+00	0.00000E+00		
1824	0	0	0.00000E+00	0.00000E+00	-10253.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1824

L O A D C A S E 7071

LoadID=30 Line=2830 Dir=Fwd Pos=188

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
828	0	0	0.00000E+00	0.00000E+00	-6786.9	0.00000E+00	0.00000E+00	0.00000E+00		
830	0	0	0.00000E+00	0.00000E+00	-30780.	0.00000E+00	0.00000E+00	0.00000E+00		
834	0	0	0.00000E+00	0.00000E+00	-21193.	0.00000E+00	0.00000E+00	0.00000E+00		
836	0	0	0.00000E+00	0.00000E+00	-95913.	0.00000E+00	0.00000E+00	0.00000E+00		
840	0	0	0.00000E+00	0.00000E+00	-155.03	0.00000E+00	0.00000E+00	0.00000E+00		
842	0	0	0.00000E+00	0.00000E+00	-654.30	0.00000E+00	0.00000E+00	0.00000E+00		
846	0	0	0.00000E+00	0.00000E+00	-10754.	0.00000E+00	0.00000E+00	0.00000E+00		
848	0	0	0.00000E+00	0.00000E+00	-33941.	0.00000E+00	0.00000E+00	0.00000E+00		
852	0	0	0.00000E+00	0.00000E+00	-12428.	0.00000E+00	0.00000E+00	0.00000E+00		
854	0	0	0.00000E+00	0.00000E+00	-55271.	0.00000E+00	0.00000E+00	0.00000E+00		
858	0	0	0.00000E+00	0.00000E+00	-12474.	0.00000E+00	0.00000E+00	0.00000E+00		
860	0	0	0.00000E+00	0.00000E+00	-55730.	0.00000E+00	0.00000E+00	0.00000E+00		
1780	0	0	0.00000E+00	0.00000E+00	-20507.	0.00000E+00	0.00000E+00	0.00000E+00		
1790	0	0	0.00000E+00	0.00000E+00	-63656.	0.00000E+00	0.00000E+00	0.00000E+00		
1804	0	0	0.00000E+00	0.00000E+00	-353.94	0.00000E+00	0.00000E+00	0.00000E+00		
1814	0	0	0.00000E+00	0.00000E+00	-18924.	0.00000E+00	0.00000E+00	0.00000E+00		
1824	0	0	0.00000E+00	0.00000E+00	-40479.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 17
LARGEST NODE OR ELEMENT NUMBER = 1824

L O A D C A S E 7072

LoadID=30 Line=2830 Dir=Fwd Pos=189

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
834	0	0	0.00000E+00	0.00000E+00	-17360.	0.00000E+00	0.00000E+00	0.00000E+00		
836	0	0	0.00000E+00	0.00000E+00	-78595.	0.00000E+00	0.00000E+00	0.00000E+00		
840	0	0	0.00000E+00	0.00000E+00	-10862.	0.00000E+00	0.00000E+00	0.00000E+00		
842	0	0	0.00000E+00	0.00000E+00	-48893.	0.00000E+00	0.00000E+00	0.00000E+00		
858	0	0	0.00000E+00	0.00000E+00	-17939.	0.00000E+00	0.00000E+00	0.00000E+00		
860	0	0	0.00000E+00	0.00000E+00	-81639.	0.00000E+00	0.00000E+00	0.00000E+00		
864	0	0	0.00000E+00	0.00000E+00	-10395.	0.00000E+00	0.00000E+00	0.00000E+00		
866	0	0	0.00000E+00	0.00000E+00	-46966.	0.00000E+00	0.00000E+00	0.00000E+00		
1790	0	0	0.00000E+00	0.00000E+00	-52191.	0.00000E+00	0.00000E+00	0.00000E+00		
1804	0	0	0.00000E+00	0.00000E+00	-32099.	0.00000E+00	0.00000E+00	0.00000E+00		
1824	0	0	0.00000E+00	0.00000E+00	-52940.	0.00000E+00	0.00000E+00	0.00000E+00		
1834	0	0	0.00000E+00	0.00000E+00	-30121.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12

LARGEST NODE OR ELEMENT NUMBER = 1834

LOAD CASE 7073

LoadID=30 Line=2830 Dir=Fwd Pos=190

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
834	0	0	0.00000E+00	0.00000E+00	-3435.0	0.00000E+00	0.00000E+00	0.00000E+00	
836	0	0	0.00000E+00	0.00000E+00	-15545.	0.00000E+00	0.00000E+00	0.00000E+00	
840	0	0	0.00000E+00	0.00000E+00	-21293.	0.00000E+00	0.00000E+00	0.00000E+00	
842	0	0	0.00000E+00	0.00000E+00	-95947.	0.00000E+00	0.00000E+00	0.00000E+00	
846	0	0	0.00000E+00	0.00000E+00	-3622.0	0.00000E+00	0.00000E+00	0.00000E+00	
848	0	0	0.00000E+00	0.00000E+00	-16231.	0.00000E+00	0.00000E+00	0.00000E+00	
858	0	0	0.00000E+00	0.00000E+00	-3704.7	0.00000E+00	0.00000E+00	0.00000E+00	
860	0	0	0.00000E+00	0.00000E+00	-16754.	0.00000E+00	0.00000E+00	0.00000E+00	
864	0	0	0.00000E+00	0.00000E+00	-21502.	0.00000E+00	0.00000E+00	0.00000E+00	
866	0	0	0.00000E+00	0.00000E+00	-96616.	0.00000E+00	0.00000E+00	0.00000E+00	
870	0	0	0.00000E+00	0.00000E+00	-3440.2	0.00000E+00	0.00000E+00	0.00000E+00	
872	0	0	0.00000E+00	0.00000E+00	-15325.	0.00000E+00	0.00000E+00	0.00000E+00	
1790	0	0	0.00000E+00	0.00000E+00	-10329.	0.00000E+00	0.00000E+00	0.00000E+00	
1804	0	0	0.00000E+00	0.00000E+00	-63073.	0.00000E+00	0.00000E+00	0.00000E+00	
1814	0	0	0.00000E+00	0.00000E+00	-10524.	0.00000E+00	0.00000E+00	0.00000E+00	
1824	0	0	0.00000E+00	0.00000E+00	-10869.	0.00000E+00	0.00000E+00	0.00000E+00	
1834	0	0	0.00000E+00	0.00000E+00	-62088.	0.00000E+00	0.00000E+00	0.00000E+00	
1844	0	0	0.00000E+00	0.00000E+00	-9700.3	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 18
LARGEST NODE OR ELEMENT NUMBER = 1844

LOAD CASE 7074

LoadID=30 Line=2830 Dir=Fwd Pos=191

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
840	0	0	0.00000E+00	0.00000E+00	-10566.	0.00000E+00	0.00000E+00	0.00000E+00	
842	0	0	0.00000E+00	0.00000E+00	-47743.	0.00000E+00	0.00000E+00	0.00000E+00	
846	0	0	0.00000E+00	0.00000E+00	-17862.	0.00000E+00	0.00000E+00	0.00000E+00	
848	0	0	0.00000E+00	0.00000E+00	-80332.	0.00000E+00	0.00000E+00	0.00000E+00	
864	0	0	0.00000E+00	0.00000E+00	-11180.	0.00000E+00	0.00000E+00	0.00000E+00	
866	0	0	0.00000E+00	0.00000E+00	-50041.	0.00000E+00	0.00000E+00	0.00000E+00	
870	0	0	0.00000E+00	0.00000E+00	-17673.	0.00000E+00	0.00000E+00	0.00000E+00	
872	0	0	0.00000E+00	0.00000E+00	-78540.	0.00000E+00	0.00000E+00	0.00000E+00	
1804	0	0	0.00000E+00	0.00000E+00	-31408.	0.00000E+00	0.00000E+00	0.00000E+00	
1814	0	0	0.00000E+00	0.00000E+00	-52089.	0.00000E+00	0.00000E+00	0.00000E+00	
1834	0	0	0.00000E+00	0.00000E+00	-32344.	0.00000E+00	0.00000E+00	0.00000E+00	
1844	0	0	0.00000E+00	0.00000E+00	-50221.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1844

LOAD CASE 7075

LoadID=30 Line=2830 Dir=Fwd Pos=192

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
842	0	0	0.00000E+00	0.00000E+00	-39.816	0.00000E+00	0.00000E+00	0.00000E+00	
846	0	0	0.00000E+00	0.00000E+00	-12510.	0.00000E+00	0.00000E+00	0.00000E+00	
848	0	0	0.00000E+00	0.00000E+00	-61705.	0.00000E+00	0.00000E+00	0.00000E+00	
852	0	0	0.00000E+00	0.00000E+00	-12459.	0.00000E+00	0.00000E+00	0.00000E+00	
854	0	0	0.00000E+00	0.00000E+00	-46957.	0.00000E+00	0.00000E+00	0.00000E+00	
858	0	0	0.00000E+00	0.00000E+00	-10722.	0.00000E+00	0.00000E+00	0.00000E+00	
860	0	0	0.00000E+00	0.00000E+00	-28339.	0.00000E+00	0.00000E+00	0.00000E+00	
864	0	0	0.00000E+00	0.00000E+00	-217.96	0.00000E+00	0.00000E+00	0.00000E+00	
866	0	0	0.00000E+00	0.00000E+00	-1036.7	0.00000E+00	0.00000E+00	0.00000E+00	
870	0	0	0.00000E+00	0.00000E+00	-21751.	0.00000E+00	0.00000E+00	0.00000E+00	
872	0	0	0.00000E+00	0.00000E+00	-96575.	0.00000E+00	0.00000E+00	0.00000E+00	
876	0	0	0.00000E+00	0.00000E+00	-6953.4	0.00000E+00	0.00000E+00	0.00000E+00	
878	0	0	0.00000E+00	0.00000E+00	-30926.	0.00000E+00	0.00000E+00	0.00000E+00	
1804	0	0	0.00000E+00	0.00000E+00	-90.399	0.00000E+00	0.00000E+00	0.00000E+00	
1814	0	0	0.00000E+00	0.00000E+00	-54532.	0.00000E+00	0.00000E+00	0.00000E+00	
1824	0	0	0.00000E+00	0.00000E+00	-12646.	0.00000E+00	0.00000E+00	0.00000E+00	
1834	0	0	0.00000E+00	0.00000E+00	-775.62	0.00000E+00	0.00000E+00	0.00000E+00	
1844	0	0	0.00000E+00	0.00000E+00	-62006.	0.00000E+00	0.00000E+00	0.00000E+00	
1854	0	0	0.00000E+00	0.00000E+00	-19759.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 19
LARGEST NODE OR ELEMENT NUMBER = 1854

L O A D C A S E 7076

LoadID=30 Line=2830 Dir=Fwd Pos=193

Table with 11 columns: FIRST NODE, LAST NODE, DIFF RNCE, FORCE FX, FORCE FY, FORCE FZ, FORCE MX, FORCE MY, FORCE MZ. Rows 846-1864.

NUMBER OF LOADED NODES OR ELEMENTS = 22
LARGEST NODE OR ELEMENT NUMBER = 1864

L O A D C A S E 7077

LoadID=30 Line=2830 Dir=Fwd Pos=194

Table with 11 columns: FIRST NODE, LAST NODE, DIFF RNCE, FORCE FX, FORCE FY, FORCE FZ, FORCE MX, FORCE MY, FORCE MZ. Rows 858-1864.

NUMBER OF LOADED NODES OR ELEMENTS = 14
LARGEST NODE OR ELEMENT NUMBER = 1864

L O A D C A S E 7078

LoadID=30 Line=2830 Dir=Fwd Pos=195

Table with 11 columns: FIRST NODE, LAST NODE, DIFF RNCE, FORCE FX, FORCE FY, FORCE FZ, FORCE MX, FORCE MY, FORCE MZ. Rows 858-894.

896	0	0	0.00000E+00	0.00000E+00	-22376.	0.00000E+00	0.00000E+00	0.00000E+00
1824	0	0	0.00000E+00	0.00000E+00	-5642.0	0.00000E+00	0.00000E+00	0.00000E+00
1834	0	0	0.00000E+00	0.00000E+00	-62077.	0.00000E+00	0.00000E+00	0.00000E+00
1844	0	0	0.00000E+00	0.00000E+00	-14887.	0.00000E+00	0.00000E+00	0.00000E+00
1854	0	0	0.00000E+00	0.00000E+00	-6993.4	0.00000E+00	0.00000E+00	0.00000E+00
1864	0	0	0.00000E+00	0.00000E+00	-50131.	0.00000E+00	0.00000E+00	0.00000E+00
1874	0	0	0.00000E+00	0.00000E+00	-14300.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1874

L O A D C A S E 7079

LoadID=30 Line=2830 Dir=Fwd Pos=196

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
864	0	0	0.00000E+00	0.00000E+00	-7635.5	0.00000E+00	0.00000E+00	0.00000E+00		
866	0	0	0.00000E+00	0.00000E+00	-34129.	0.00000E+00	0.00000E+00	0.00000E+00		
870	0	0	0.00000E+00	0.00000E+00	-21254.	0.00000E+00	0.00000E+00	0.00000E+00		
872	0	0	0.00000E+00	0.00000E+00	-94418.	0.00000E+00	0.00000E+00	0.00000E+00		
888	0	0	0.00000E+00	0.00000E+00	-7980.0	0.00000E+00	0.00000E+00	0.00000E+00		
890	0	0	0.00000E+00	0.00000E+00	-36145.	0.00000E+00	0.00000E+00	0.00000E+00		
894	0	0	0.00000E+00	0.00000E+00	-20646.	0.00000E+00	0.00000E+00	0.00000E+00		
896	0	0	0.00000E+00	0.00000E+00	-92605.	0.00000E+00	0.00000E+00	0.00000E+00		
1834	0	0	0.00000E+00	0.00000E+00	-21966.	0.00000E+00	0.00000E+00	0.00000E+00		
1844	0	0	0.00000E+00	0.00000E+00	-60598.	0.00000E+00	0.00000E+00	0.00000E+00		
1864	0	0	0.00000E+00	0.00000E+00	-23365.	0.00000E+00	0.00000E+00	0.00000E+00		
1874	0	0	0.00000E+00	0.00000E+00	-59258.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1874

L O A D C A S E 7080

LoadID=30 Line=2830 Dir=Fwd Pos=197

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
870	0	0	0.00000E+00	0.00000E+00	-18614.	0.00000E+00	0.00000E+00	0.00000E+00		
872	0	0	0.00000E+00	0.00000E+00	-82769.	0.00000E+00	0.00000E+00	0.00000E+00		
876	0	0	0.00000E+00	0.00000E+00	-10290.	0.00000E+00	0.00000E+00	0.00000E+00		
878	0	0	0.00000E+00	0.00000E+00	-45798.	0.00000E+00	0.00000E+00	0.00000E+00		
894	0	0	0.00000E+00	0.00000E+00	-19050.	0.00000E+00	0.00000E+00	0.00000E+00		
896	0	0	0.00000E+00	0.00000E+00	-84956.	0.00000E+00	0.00000E+00	0.00000E+00		
900	0	0	0.00000E+00	0.00000E+00	-9823.5	0.00000E+00	0.00000E+00	0.00000E+00		
902	0	0	0.00000E+00	0.00000E+00	-43694.	0.00000E+00	0.00000E+00	0.00000E+00		
1844	0	0	0.00000E+00	0.00000E+00	-53175.	0.00000E+00	0.00000E+00	0.00000E+00		
1854	0	0	0.00000E+00	0.00000E+00	-29354.	0.00000E+00	0.00000E+00	0.00000E+00		
1874	0	0	0.00000E+00	0.00000E+00	-54494.	0.00000E+00	0.00000E+00	0.00000E+00		
1884	0	0	0.00000E+00	0.00000E+00	-27982.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1884

L O A D C A S E 7081

LoadID=30 Line=2830 Dir=Fwd Pos=198

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
870	0	0	0.00000E+00	0.00000E+00	-3907.7	0.00000E+00	0.00000E+00	0.00000E+00		
872	0	0	0.00000E+00	0.00000E+00	-17441.	0.00000E+00	0.00000E+00	0.00000E+00		
876	0	0	0.00000E+00	0.00000E+00	-17223.	0.00000E+00	0.00000E+00	0.00000E+00		
878	0	0	0.00000E+00	0.00000E+00	-77728.	0.00000E+00	0.00000E+00	0.00000E+00		
882	0	0	0.00000E+00	0.00000E+00	-6424.2	0.00000E+00	0.00000E+00	0.00000E+00		
884	0	0	0.00000E+00	0.00000E+00	-24408.	0.00000E+00	0.00000E+00	0.00000E+00		
888	0	0	0.00000E+00	0.00000E+00	-5646.7	0.00000E+00	0.00000E+00	0.00000E+00		
890	0	0	0.00000E+00	0.00000E+00	-16384.	0.00000E+00	0.00000E+00	0.00000E+00		
894	0	0	0.00000E+00	0.00000E+00	-4159.7	0.00000E+00	0.00000E+00	0.00000E+00		
896	0	0	0.00000E+00	0.00000E+00	-18473.	0.00000E+00	0.00000E+00	0.00000E+00		
900	0	0	0.00000E+00	0.00000E+00	-21735.	0.00000E+00	0.00000E+00	0.00000E+00		
902	0	0	0.00000E+00	0.00000E+00	-96569.	0.00000E+00	0.00000E+00	0.00000E+00		
906	0	0	0.00000E+00	0.00000E+00	-3037.6	0.00000E+00	0.00000E+00	0.00000E+00		
908	0	0	0.00000E+00	0.00000E+00	-13486.	0.00000E+00	0.00000E+00	0.00000E+00		
1844	0	0	0.00000E+00	0.00000E+00	-11178.	0.00000E+00	0.00000E+00	0.00000E+00		
1854	0	0	0.00000E+00	0.00000E+00	-51359.	0.00000E+00	0.00000E+00	0.00000E+00		
1864	0	0	0.00000E+00	0.00000E+00	-8300.3	0.00000E+00	0.00000E+00	0.00000E+00		

1874	0	0	0.00000E+00	0.00000E+00	-11870.	0.00000E+00	0.00000E+00	0.00000E+00
1884	0	0	0.00000E+00	0.00000E+00	-62034.	0.00000E+00	0.00000E+00	0.00000E+00
1894	0	0	0.00000E+00	0.00000E+00	-8636.0	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS	=	20
LARGEST NODE OR ELEMENT NUMBER	=	1894

L O A D C A S E 7082

LoadID=30 Line=2830 Dir=Fwd Pos=199

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
876	0	0	0.00000E+00	0.00000E+00	-11299.	0.00000E+00	0.00000E+00	0.00000E+00	
878	0	0	0.00000E+00	0.00000E+00	-40507.	0.00000E+00	0.00000E+00	0.00000E+00	
882	0	0	0.00000E+00	0.00000E+00	-12547.	0.00000E+00	0.00000E+00	0.00000E+00	
884	0	0	0.00000E+00	0.00000E+00	-57348.	0.00000E+00	0.00000E+00	0.00000E+00	
888	0	0	0.00000E+00	0.00000E+00	-11912.	0.00000E+00	0.00000E+00	0.00000E+00	
890	0	0	0.00000E+00	0.00000E+00	-49257.	0.00000E+00	0.00000E+00	0.00000E+00	
900	0	0	0.00000E+00	0.00000E+00	-12050.	0.00000E+00	0.00000E+00	0.00000E+00	
902	0	0	0.00000E+00	0.00000E+00	-53668.	0.00000E+00	0.00000E+00	0.00000E+00	
906	0	0	0.00000E+00	0.00000E+00	-16779.	0.00000E+00	0.00000E+00	0.00000E+00	
908	0	0	0.00000E+00	0.00000E+00	-74966.	0.00000E+00	0.00000E+00	0.00000E+00	
1854	0	0	0.00000E+00	0.00000E+00	-23922.	0.00000E+00	0.00000E+00	0.00000E+00	
1864	0	0	0.00000E+00	0.00000E+00	-33208.	0.00000E+00	0.00000E+00	0.00000E+00	
1884	0	0	0.00000E+00	0.00000E+00	-34469.	0.00000E+00	0.00000E+00	0.00000E+00	
1894	0	0	0.00000E+00	0.00000E+00	-48068.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS	=	14
LARGEST NODE OR ELEMENT NUMBER	=	1894

L O A D C A S E 7083

LoadID=30 Line=2830 Dir=Fwd Pos=200

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
876	0	0	0.00000E+00	0.00000E+00	-4820.2	0.00000E+00	0.00000E+00	0.00000E+00	
878	0	0	0.00000E+00	0.00000E+00	-12262.	0.00000E+00	0.00000E+00	0.00000E+00	
882	0	0	0.00000E+00	0.00000E+00	-6142.6	0.00000E+00	0.00000E+00	0.00000E+00	
884	0	0	0.00000E+00	0.00000E+00	-24959.	0.00000E+00	0.00000E+00	0.00000E+00	
888	0	0	0.00000E+00	0.00000E+00	-13937.	0.00000E+00	0.00000E+00	0.00000E+00	
890	0	0	0.00000E+00	0.00000E+00	-66882.	0.00000E+00	0.00000E+00	0.00000E+00	
894	0	0	0.00000E+00	0.00000E+00	-6708.0	0.00000E+00	0.00000E+00	0.00000E+00	
896	0	0	0.00000E+00	0.00000E+00	-30319.	0.00000E+00	0.00000E+00	0.00000E+00	
900	0	0	0.00000E+00	0.00000E+00	-638.77	0.00000E+00	0.00000E+00	0.00000E+00	
902	0	0	0.00000E+00	0.00000E+00	-2864.9	0.00000E+00	0.00000E+00	0.00000E+00	
906	0	0	0.00000E+00	0.00000E+00	-21504.	0.00000E+00	0.00000E+00	0.00000E+00	
908	0	0	0.00000E+00	0.00000E+00	-96648.	0.00000E+00	0.00000E+00	0.00000E+00	
912	0	0	0.00000E+00	0.00000E+00	-6450.7	0.00000E+00	0.00000E+00	0.00000E+00	
914	0	0	0.00000E+00	0.00000E+00	-29189.	0.00000E+00	0.00000E+00	0.00000E+00	
1854	0	0	0.00000E+00	0.00000E+00	-5859.3	0.00000E+00	0.00000E+00	0.00000E+00	
1864	0	0	0.00000E+00	0.00000E+00	-48642.	0.00000E+00	0.00000E+00	0.00000E+00	
1874	0	0	0.00000E+00	0.00000E+00	-19469.	0.00000E+00	0.00000E+00	0.00000E+00	
1884	0	0	0.00000E+00	0.00000E+00	-1843.2	0.00000E+00	0.00000E+00	0.00000E+00	
1894	0	0	0.00000E+00	0.00000E+00	-62054.	0.00000E+00	0.00000E+00	0.00000E+00	
1905	0	0	0.00000E+00	0.00000E+00	-18809.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS	=	20
LARGEST NODE OR ELEMENT NUMBER	=	1905

L O A D C A S E 7084

LoadID=30 Line=2830 Dir=Fwd Pos=201

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
888	0	0	0.00000E+00	0.00000E+00	-5779.1	0.00000E+00	0.00000E+00	0.00000E+00	
890	0	0	0.00000E+00	0.00000E+00	-26089.	0.00000E+00	0.00000E+00	0.00000E+00	
894	0	0	0.00000E+00	0.00000E+00	-21606.	0.00000E+00	0.00000E+00	0.00000E+00	
896	0	0	0.00000E+00	0.00000E+00	-96817.	0.00000E+00	0.00000E+00	0.00000E+00	
900	0	0	0.00000E+00	0.00000E+00	-1299.5	0.00000E+00	0.00000E+00	0.00000E+00	
902	0	0	0.00000E+00	0.00000E+00	-5831.8	0.00000E+00	0.00000E+00	0.00000E+00	
906	0	0	0.00000E+00	0.00000E+00	-5988.8	0.00000E+00	0.00000E+00	0.00000E+00	
908	0	0	0.00000E+00	0.00000E+00	-27120.	0.00000E+00	0.00000E+00	0.00000E+00	
912	0	0	0.00000E+00	0.00000E+00	-14046.	0.00000E+00	0.00000E+00	0.00000E+00	
914	0	0	0.00000E+00	0.00000E+00	-67380.	0.00000E+00	0.00000E+00	0.00000E+00	
918	0	0	0.00000E+00	0.00000E+00	-5837.4	0.00000E+00	0.00000E+00	0.00000E+00	

920	0	0	0.00000E+00	0.00000E+00	-30535.	0.00000E+00	0.00000E+00	0.00000E+00
924	0	0	0.00000E+00	0.00000E+00	-4491.1	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-12013.	0.00000E+00	0.00000E+00	0.00000E+00
1864	0	0	0.00000E+00	0.00000E+00	-16756.	0.00000E+00	0.00000E+00	0.00000E+00
1874	0	0	0.00000E+00	0.00000E+00	-62034.	0.00000E+00	0.00000E+00	0.00000E+00
1884	0	0	0.00000E+00	0.00000E+00	-3787.1	0.00000E+00	0.00000E+00	0.00000E+00
1894	0	0	0.00000E+00	0.00000E+00	-17491.	0.00000E+00	0.00000E+00	0.00000E+00
1905	0	0	0.00000E+00	0.00000E+00	-49064.	0.00000E+00	0.00000E+00	0.00000E+00
1915	0	0	0.00000E+00	0.00000E+00	-6033.3	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1915

L O A D C A S E 7085

LoadID=30 Line=2830 Dir=Fwd Pos=202

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
894	0	0	0.00000E+00	0.00000E+00	-15504.	0.00000E+00	0.00000E+00	0.00000E+00	
896	0	0	0.00000E+00	0.00000E+00	-69025.	0.00000E+00	0.00000E+00	0.00000E+00	
900	0	0	0.00000E+00	0.00000E+00	-13389.	0.00000E+00	0.00000E+00	0.00000E+00	
902	0	0	0.00000E+00	0.00000E+00	-59587.	0.00000E+00	0.00000E+00	0.00000E+00	
912	0	0	0.00000E+00	0.00000E+00	-12280.	0.00000E+00	0.00000E+00	0.00000E+00	
914	0	0	0.00000E+00	0.00000E+00	-48093.	0.00000E+00	0.00000E+00	0.00000E+00	
918	0	0	0.00000E+00	0.00000E+00	-12519.	0.00000E+00	0.00000E+00	0.00000E+00	
920	0	0	0.00000E+00	0.00000E+00	-51614.	0.00000E+00	0.00000E+00	0.00000E+00	
924	0	0	0.00000E+00	0.00000E+00	-12109.	0.00000E+00	0.00000E+00	0.00000E+00	
926	0	0	0.00000E+00	0.00000E+00	-44963.	0.00000E+00	0.00000E+00	0.00000E+00	
1874	0	0	0.00000E+00	0.00000E+00	-44140.	0.00000E+00	0.00000E+00	0.00000E+00	
1884	0	0	0.00000E+00	0.00000E+00	-38355.	0.00000E+00	0.00000E+00	0.00000E+00	
1905	0	0	0.00000E+00	0.00000E+00	-31165.	0.00000E+00	0.00000E+00	0.00000E+00	
1915	0	0	0.00000E+00	0.00000E+00	-27258.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14
LARGEST NODE OR ELEMENT NUMBER = 1915

L O A D C A S E 7086

LoadID=30 Line=2830 Dir=Fwd Pos=203

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
894	0	0	0.00000E+00	0.00000E+00	-2381.6	0.00000E+00	0.00000E+00	0.00000E+00	
896	0	0	0.00000E+00	0.00000E+00	-10525.	0.00000E+00	0.00000E+00	0.00000E+00	
900	0	0	0.00000E+00	0.00000E+00	-21731.	0.00000E+00	0.00000E+00	0.00000E+00	
902	0	0	0.00000E+00	0.00000E+00	-96565.	0.00000E+00	0.00000E+00	0.00000E+00	
906	0	0	0.00000E+00	0.00000E+00	-4813.7	0.00000E+00	0.00000E+00	0.00000E+00	
908	0	0	0.00000E+00	0.00000E+00	-21439.	0.00000E+00	0.00000E+00	0.00000E+00	
912	0	0	0.00000E+00	0.00000E+00	-5992.5	0.00000E+00	0.00000E+00	0.00000E+00	
914	0	0	0.00000E+00	0.00000E+00	-16354.	0.00000E+00	0.00000E+00	0.00000E+00	
918	0	0	0.00000E+00	0.00000E+00	-6179.0	0.00000E+00	0.00000E+00	0.00000E+00	
920	0	0	0.00000E+00	0.00000E+00	-17626.	0.00000E+00	0.00000E+00	0.00000E+00	
924	0	0	0.00000E+00	0.00000E+00	-17075.	0.00000E+00	0.00000E+00	0.00000E+00	
926	0	0	0.00000E+00	0.00000E+00	-77945.	0.00000E+00	0.00000E+00	0.00000E+00	
930	0	0	0.00000E+00	0.00000E+00	-4508.3	0.00000E+00	0.00000E+00	0.00000E+00	
932	0	0	0.00000E+00	0.00000E+00	-20345.	0.00000E+00	0.00000E+00	0.00000E+00	
1874	0	0	0.00000E+00	0.00000E+00	-6681.5	0.00000E+00	0.00000E+00	0.00000E+00	
1884	0	0	0.00000E+00	0.00000E+00	-62041.	0.00000E+00	0.00000E+00	0.00000E+00	
1894	0	0	0.00000E+00	0.00000E+00	-13822.	0.00000E+00	0.00000E+00	0.00000E+00	
1905	0	0	0.00000E+00	0.00000E+00	-7926.4	0.00000E+00	0.00000E+00	0.00000E+00	
1915	0	0	0.00000E+00	0.00000E+00	-52736.	0.00000E+00	0.00000E+00	0.00000E+00	
1925	0	0	0.00000E+00	0.00000E+00	-13313.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20
LARGEST NODE OR ELEMENT NUMBER = 1925

L O A D C A S E 7087

LoadID=30 Line=2830 Dir=Fwd Pos=204

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
900	0	0	0.00000E+00	0.00000E+00	-8490.5	0.00000E+00	0.00000E+00	0.00000E+00	
902	0	0	0.00000E+00	0.00000E+00	-37772.	0.00000E+00	0.00000E+00	0.00000E+00	
906	0	0	0.00000E+00	0.00000E+00	-20309.	0.00000E+00	0.00000E+00	0.00000E+00	
908	0	0	0.00000E+00	0.00000E+00	-90903.	0.00000E+00	0.00000E+00	0.00000E+00	
924	0	0	0.00000E+00	0.00000E+00	-8851.1	0.00000E+00	0.00000E+00	0.00000E+00	

926	0	0	0.00000E+00	0.00000E+00	-39674.	0.00000E+00	0.00000E+00	0.00000E+00
930	0	0	0.00000E+00	0.00000E+00	-19620.	0.00000E+00	0.00000E+00	0.00000E+00
932	0	0	0.00000E+00	0.00000E+00	-88353.	0.00000E+00	0.00000E+00	0.00000E+00
1884	0	0	0.00000E+00	0.00000E+00	-24095.	0.00000E+00	0.00000E+00	0.00000E+00
1894	0	0	0.00000E+00	0.00000E+00	-58432.	0.00000E+00	0.00000E+00	0.00000E+00
1915	0	0	0.00000E+00	0.00000E+00	-25644.	0.00000E+00	0.00000E+00	0.00000E+00
1925	0	0	0.00000E+00	0.00000E+00	-57857.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1925

L O A D C A S E 7088

LoadID=30 Line=2830 Dir=Fwd Pos=205

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
906	0	0	0.00000E+00	0.00000E+00	-19210.	0.00000E+00	0.00000E+00	0.00000E+00	
908	0	0	0.00000E+00	0.00000E+00	-86417.	0.00000E+00	0.00000E+00	0.00000E+00	
912	0	0	0.00000E+00	0.00000E+00	-9317.9	0.00000E+00	0.00000E+00	0.00000E+00	
914	0	0	0.00000E+00	0.00000E+00	-42262.	0.00000E+00	0.00000E+00	0.00000E+00	
930	0	0	0.00000E+00	0.00000E+00	-19580.	0.00000E+00	0.00000E+00	0.00000E+00	
932	0	0	0.00000E+00	0.00000E+00	-88029.	0.00000E+00	0.00000E+00	0.00000E+00	
936	0	0	0.00000E+00	0.00000E+00	-8794.8	0.00000E+00	0.00000E+00	0.00000E+00	
938	0	0	0.00000E+00	0.00000E+00	-39861.	0.00000E+00	0.00000E+00	0.00000E+00	
1894	0	0	0.00000E+00	0.00000E+00	-55382.	0.00000E+00	0.00000E+00	0.00000E+00	
1905	0	0	0.00000E+00	0.00000E+00	-27412.	0.00000E+00	0.00000E+00	0.00000E+00	
1925	0	0	0.00000E+00	0.00000E+00	-57400.	0.00000E+00	0.00000E+00	0.00000E+00	
1935	0	0	0.00000E+00	0.00000E+00	-26336.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12
LARGEST NODE OR ELEMENT NUMBER = 1935

L O A D C A S E 7089

LoadID=30 Line=2830 Dir=Fwd Pos=206

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
906	0	0	0.00000E+00	0.00000E+00	-4220.9	0.00000E+00	0.00000E+00	0.00000E+00	
908	0	0	0.00000E+00	0.00000E+00	-19138.	0.00000E+00	0.00000E+00	0.00000E+00	
912	0	0	0.00000E+00	0.00000E+00	-15894.	0.00000E+00	0.00000E+00	0.00000E+00	
914	0	0	0.00000E+00	0.00000E+00	-74104.	0.00000E+00	0.00000E+00	0.00000E+00	
918	0	0	0.00000E+00	0.00000E+00	-6043.4	0.00000E+00	0.00000E+00	0.00000E+00	
920	0	0	0.00000E+00	0.00000E+00	-30860.	0.00000E+00	0.00000E+00	0.00000E+00	
924	0	0	0.00000E+00	0.00000E+00	-4933.9	0.00000E+00	0.00000E+00	0.00000E+00	
926	0	0	0.00000E+00	0.00000E+00	-14405.	0.00000E+00	0.00000E+00	0.00000E+00	
930	0	0	0.00000E+00	0.00000E+00	-4481.3	0.00000E+00	0.00000E+00	0.00000E+00	
932	0	0	0.00000E+00	0.00000E+00	-20173.	0.00000E+00	0.00000E+00	0.00000E+00	
936	0	0	0.00000E+00	0.00000E+00	-13512.	0.00000E+00	0.00000E+00	0.00000E+00	
938	0	0	0.00000E+00	0.00000E+00	-63583.	0.00000E+00	0.00000E+00	0.00000E+00	
942	0	0	0.00000E+00	0.00000E+00	-10237.	0.00000E+00	0.00000E+00	0.00000E+00	
944	0	0	0.00000E+00	0.00000E+00	-41098.	0.00000E+00	0.00000E+00	0.00000E+00	
1894	0	0	0.00000E+00	0.00000E+00	-12290.	0.00000E+00	0.00000E+00	0.00000E+00	
1905	0	0	0.00000E+00	0.00000E+00	-50506.	0.00000E+00	0.00000E+00	0.00000E+00	
1915	0	0	0.00000E+00	0.00000E+00	-7605.4	0.00000E+00	0.00000E+00	0.00000E+00	
1925	0	0	0.00000E+00	0.00000E+00	-13102.	0.00000E+00	0.00000E+00	0.00000E+00	
1935	0	0	0.00000E+00	0.00000E+00	-42279.	0.00000E+00	0.00000E+00	0.00000E+00	
1937	0	0	0.00000E+00	0.00000E+00	-6856.9	0.00000E+00	0.00000E+00	0.00000E+00	
1953	0	0	0.00000E+00	0.00000E+00	-7255.4	0.00000E+00	0.00000E+00	0.00000E+00	
1954	0	0	0.00000E+00	0.00000E+00	-17422.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 22
LARGEST NODE OR ELEMENT NUMBER = 1954

L O A D C A S E 7090

LoadID=30 Line=2830 Dir=Fwd Pos=207

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
912	0	0	0.00000E+00	0.00000E+00	-12249.	0.00000E+00	0.00000E+00	0.00000E+00	
914	0	0	0.00000E+00	0.00000E+00	-43485.	0.00000E+00	0.00000E+00	0.00000E+00	
918	0	0	0.00000E+00	0.00000E+00	-12535.	0.00000E+00	0.00000E+00	0.00000E+00	
920	0	0	0.00000E+00	0.00000E+00	-47227.	0.00000E+00	0.00000E+00	0.00000E+00	
924	0	0	0.00000E+00	0.00000E+00	-12922.	0.00000E+00	0.00000E+00	0.00000E+00	
926	0	0	0.00000E+00	0.00000E+00	-51936.	0.00000E+00	0.00000E+00	0.00000E+00	
1905	0	0	0.00000E+00	0.00000E+00	-25484.	0.00000E+00	0.00000E+00	0.00000E+00	

1915 0 0 0.00000E+00 0.00000E+00 -34162. 0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 8
LARGEST NODE OR ELEMENT NUMBER = 1915

L O A D C A S E 7091

LoadID=30 Line=2830 Dir=Fwd Pos=208

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
912	0	0	0.00000E+00	0.00000E+00	-5710.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
914	0	0	0.00000E+00	0.00000E+00	-14155.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
918	0	0	0.00000E+00	0.00000E+00	-5894.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
920	0	0	0.00000E+00	0.00000E+00	-15157.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
924	0	0	0.00000E+00	0.00000E+00	-15482.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-72417.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
930	0	0	0.00000E+00	0.00000E+00	-6266.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
932	0	0	0.00000E+00	0.00000E+00	-28265.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1905	0	0	0.00000E+00	0.00000E+00	-6424.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1915	0	0	0.00000E+00	0.00000E+00	-51679.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1925	0	0	0.00000E+00	0.00000E+00	-18551.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 11
LARGEST NODE OR ELEMENT NUMBER = 1925

L O A D C A S E 7092

LoadID=30 Line=2830 Dir=Fwd Pos=209

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
924	0	0	0.00000E+00	0.00000E+00	-6207.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-27832.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
930	0	0	0.00000E+00	0.00000E+00	-21387.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
932	0	0	0.00000E+00	0.00000E+00	-96159.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
936	0	0	0.00000E+00	0.00000E+00	-863.67	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
938	0	0	0.00000E+00	0.00000E+00	-3996.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1915	0	0	0.00000E+00	0.00000E+00	-17962.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1925	0	0	0.00000E+00	0.00000E+00	-62790.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1935	0	0	0.00000E+00	0.00000E+00	-2802.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 9
LARGEST NODE OR ELEMENT NUMBER = 1935

L O A D C A S E 7093

LoadID=30 Line=2830 Dir=Fwd Pos=210

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
930	0	0	0.00000E+00	0.00000E+00	-16066.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
932	0	0	0.00000E+00	0.00000E+00	-72211.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
936	0	0	0.00000E+00	0.00000E+00	-12276.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
938	0	0	0.00000E+00	0.00000E+00	-55669.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1925	0	0	0.00000E+00	0.00000E+00	-46899.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1935	0	0	0.00000E+00	0.00000E+00	-36879.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 6
LARGEST NODE OR ELEMENT NUMBER = 1935

L O A D C A S E 7094

LoadID=30 Line=2830 Dir=Fwd Pos=211

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
930	0	0	0.00000E+00	0.00000E+00	-2737.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
932	0	0	0.00000E+00	0.00000E+00	-12269.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

936	0	0	0.00000E+00	0.00000E+00	-11365.	0.00000E+00	0.00000E+00	0.00000E+00
938	0	0	0.00000E+00	0.00000E+00	-51637.	0.00000E+00	0.00000E+00	0.00000E+00
1925	0	0	0.00000E+00	0.00000E+00	-7833.6	0.00000E+00	0.00000E+00	0.00000E+00
1935	0	0	0.00000E+00	0.00000E+00	-34159.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 6
LARGEST NODE OR ELEMENT NUMBER = 1935

DATA STORAGE LOCATIONS USED = 31354

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	1687	1	0	0	0	0	0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1
TOTAL NUMBER OF ELEMENTS OUTPUT = 1687
LARGEST ELEMENT NUMBER INPUT = 1687
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	1951	1	0	0
1953	3083	1	0	0

TOTAL NUMBER OF NODE OUTPUT SETS = 2
TOTAL NUMBER OF NODES OUTPUT = 0
LARGEST NODE NUMBER INPUT = 3083
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 = 1687
TOTAL NUMBER OF CONSTRAINTS = 96
TOTAL NUMBER OF NODES = 3082
TOTAL NUMBER OF SUPPORT NODES = 8
TOTAL NUMBER OF LOADING CASES = 212

LOCATIONS USED DURING DATA PROCESSING = 157367233
LOCATIONS AVAILABLE = 196608000

TIME USED TO PROCESS INPUT DATA = 0.34100 SEC.

TIME AT CENTRAL PROCESSOR = 13:01:10 ON 3/07/23 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 1687
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 2282 AND 5 FOR ELEMENT NUMBER 1621 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.9608E-05 (BMTJNT PROCESSOR)
WARNING NODES 2298 AND 18 FOR ELEMENT NUMBER 1622 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1683E-05 (BMTJNT PROCESSOR)
WARNING NODES 2300 AND 30 FOR ELEMENT NUMBER 1623 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6775E-05 (BMTJNT PROCESSOR)
WARNING NODES 2302 AND 42 FOR ELEMENT NUMBER 1624 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.1522E-04 (BMTJNT PROCESSOR)
WARNING NODES 2304 AND 60 FOR ELEMENT NUMBER 1625 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2702E-04 (BMTJNT PROCESSOR)
WARNING NODES 2306 AND 72 FOR ELEMENT NUMBER 1626 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.4218E-04 (BMTJNT PROCESSOR)
WARNING NODES 2308 AND 90 FOR ELEMENT NUMBER 1627 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.6069E-04 (BMTJNT PROCESSOR)
WARNING NODES 2310 AND 114 FOR ELEMENT NUMBER 1629 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2540E-05 (BMTJNT PROCESSOR)
WARNING NODES 2312 AND 132 FOR ELEMENT NUMBER 1630 ARE NOT COINCIDENT
THE DISTANCE BETWEEN THEM IS 0.2953E-05 (BMTJNT PROCESSOR)
WARNING NODES 2314 AND 144 FOR ELEMENT NUMBER 1631 ARE NOT COINCIDENT

WARNING NODES 2410 AND 924 FOR ELEMENT NUMBER 1684 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.1477E-01 (BMTJNT PROCESSOR)
 WARNING NODES 2296 AND 936 FOR ELEMENT NUMBER 1685 ARE NOT COINCIDENT
 THE DISTANCE BETWEEN THEM IS 0.2840E-02 (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
1	622.205	0.000000E+00	273.834	684586.	460.331	-62.6302	0.000000E+00
2	766.103	0.000000E+00	16.8087	131949.	460.319	-62.4928	-0.724227
4	1552.35	0.000000E+00	1102.01	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	235.000	0.000000E+00	2350.00	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	0.000000E+00
6	0.000000E+00	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
5	0.130076	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	3175.79	0.000000E+00	3742.65	816535.	460.329	-62.6080	-0.117032

MATERIAL SET	MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGIN AT (0,0,0)			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
1	0.269852E+10	0.150430E+12	0.153129E+12	0.196601E+11	0.000000E+00	0.000000E+00
2	0.516996E+09	0.290442E+11	0.295610E+11	0.378014E+10	-0.596977E+07	0.439884E+08
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	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
6	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
5	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	0.321552E+10	0.179474E+12	0.182690E+12	0.234402E+11	-0.596977E+07	0.439884E+08

MATERIAL SET	MOMENTS OF INERTIA ABOUT GLOBAL DIRECTIONS WITH ORIGINS AT CENTROIDS			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
1	0.132006E+08	0.536353E+10	0.537673E+10	-0.769520E+08	0.000000E+00	0.000000E+00
2	0.162117E+07	0.108497E+10	0.108654E+10	-0.155790E+08	2089.40	-14.2786
4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
3	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
6	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
5	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	0.148819E+08	0.644856E+10	0.646328E+10	-0.925308E+08	13099.0	-921.626

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			
1	0.537673E+10	0.536464E+10	0.120941E+08	(0.00, 0.00, 1.00)	(-0.01, 1.00, 0.00)	(1.00, 0.01, 0.00)
2	0.108654E+10	0.108520E+10	0.139719E+07	(-0.00, 0.00, 1.00)	(-0.01, 1.00, -0.00)	(1.00, 0.01, -0.00)
4	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)
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)
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)
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)
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)
5	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	0.646328E+10	0.644989E+10	0.135514E+08	(-0.00, 0.00, 1.00)	(-0.01, 1.00, -0.00)	(1.00, 0.01, 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 6883						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE 6884						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-240000.	0.152188E+08	0.739790E+08	0.000000E+00
LOAD CASE 6885						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-240000.	0.152497E+08	0.743377E+08	0.000000E+00
LOAD CASE 6886						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-360000.	0.228517E+08	0.111256E+09	0.000000E+00
LOAD CASE 6887						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.304727E+08	0.148389E+09	0.000000E+00
LOAD CASE 6888						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.305342E+08	0.149106E+09	0.000000E+00
LOAD CASE 6889						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.305950E+08	0.149823E+09	0.000000E+00

LOAD CASE TOTALS FOR STRUCTURE	6890	0.000000E+00	0.000000E+00	-480000.	0.306551E+08	0.150541E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6891	0.000000E+00	0.000000E+00	-480000.	0.307144E+08	0.151258E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6892	0.000000E+00	0.000000E+00	-480000.	0.307731E+08	0.151976E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6893	0.000000E+00	0.000000E+00	-480000.	0.308083E+08	0.152755E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6894	0.000000E+00	0.000000E+00	-480000.	0.308166E+08	0.153408E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6895	0.000000E+00	0.000000E+00	-480000.	0.309065E+08	0.154068E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6896	0.000000E+00	0.000000E+00	-480000.	0.310005E+08	0.154847E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6897	0.000000E+00	0.000000E+00	-480000.	0.310556E+08	0.155565E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6898	0.000000E+00	0.000000E+00	-480000.	0.310806E+08	0.156321E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6899	0.000000E+00	0.000000E+00	-480000.	0.310899E+08	0.156957E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6900	0.000000E+00	0.000000E+00	-480000.	0.311437E+08	0.157649E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6901	0.000000E+00	0.000000E+00	-480000.	0.312293E+08	0.158430E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6902	0.000000E+00	0.000000E+00	-480000.	0.313202E+08	0.159155E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6903	0.000000E+00	0.000000E+00	-480000.	0.313710E+08	0.159873E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6904	0.000000E+00	0.000000E+00	-480000.	0.314211E+08	0.160592E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6905	0.000000E+00	0.000000E+00	-480000.	0.314083E+08	0.161380E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6906	0.000000E+00	0.000000E+00	-480000.	0.314798E+08	0.162001E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6907	0.000000E+00	0.000000E+00	-480000.	0.315670E+08	0.162747E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6908	0.000000E+00	0.000000E+00	-480000.	0.315766E+08	0.163483E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6909	0.000000E+00	0.000000E+00	-480000.	0.316211E+08	0.164181E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6910	0.000000E+00	0.000000E+00	-480000.	0.317065E+08	0.164902E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6911	0.000000E+00	0.000000E+00	-480000.	0.317516E+08	0.165621E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6912	0.000000E+00	0.000000E+00	-480000.	0.317959E+08	0.166339E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6913	0.000000E+00	0.000000E+00	-480000.	0.317778E+08	0.167139E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6914	0.000000E+00	0.000000E+00	-480000.	0.318421E+08	0.167753E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6915	0.000000E+00	0.000000E+00	-480000.	0.319247E+08	0.168496E+09	0.000000E+00

LOAD CASE TOTALS FOR STRUCTURE	6916	0.000000E+00	0.000000E+00	-480000.	0.319295E+08	0.169247E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6917	0.000000E+00	0.000000E+00	-480000.	0.319364E+08	0.169872E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6918	0.000000E+00	0.000000E+00	-480000.	0.320470E+08	0.170652E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6919	0.000000E+00	0.000000E+00	-480000.	0.320864E+08	0.171371E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6920	0.000000E+00	0.000000E+00	-480000.	0.321250E+08	0.172090E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6921	0.000000E+00	0.000000E+00	-480000.	0.321241E+08	0.172822E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6922	0.000000E+00	0.000000E+00	-480000.	0.321606E+08	0.173520E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6923	0.000000E+00	0.000000E+00	-480000.	0.322366E+08	0.174247E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6924	0.000000E+00	0.000000E+00	-480000.	0.322383E+08	0.175005E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6925	0.000000E+00	0.000000E+00	-480000.	0.322367E+08	0.175639E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6926	0.000000E+00	0.000000E+00	-480000.	0.323418E+08	0.176404E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6927	0.000000E+00	0.000000E+00	-480000.	0.323754E+08	0.177124E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6928	0.000000E+00	0.000000E+00	-480000.	0.324084E+08	0.177843E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6929	0.000000E+00	0.000000E+00	-480000.	0.324030E+08	0.178580E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6930	0.000000E+00	0.000000E+00	-480000.	0.324326E+08	0.179279E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6931	0.000000E+00	0.000000E+00	-480000.	0.325028E+08	0.180001E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6932	0.000000E+00	0.000000E+00	-480000.	0.325007E+08	0.180773E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6933	0.000000E+00	0.000000E+00	-480000.	0.324907E+08	0.181423E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6934	0.000000E+00	0.000000E+00	-480000.	0.325602E+08	0.182086E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6935	0.000000E+00	0.000000E+00	-480000.	0.326187E+08	0.182879E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6936	0.000000E+00	0.000000E+00	-480000.	0.326459E+08	0.183598E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6937	0.000000E+00	0.000000E+00	-480000.	0.326355E+08	0.184351E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6938	0.000000E+00	0.000000E+00	-480000.	0.326286E+08	0.184976E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6939	0.000000E+00	0.000000E+00	-480000.	0.327232E+08	0.185757E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6940	0.000000E+00	0.000000E+00	-480000.	0.327185E+08	0.186536E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6941	0.000000E+00	0.000000E+00	-480000.	0.326992E+08	0.187191E+09	0.000000E+00
LOAD CASE	6942						

TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.327616E+08	0.187851E+09	0.000000E+00
LOAD CASE 6943						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.328162E+08	0.188635E+09	0.000000E+00
LOAD CASE 6944						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.328376E+08	0.189355E+09	0.000000E+00
LOAD CASE 6945						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.328238E+08	0.190113E+09	0.000000E+00
LOAD CASE 6946						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.328080E+08	0.190748E+09	0.000000E+00
LOAD CASE 6947						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.328977E+08	0.191514E+09	0.000000E+00
LOAD CASE 6948						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.328893E+08	0.192308E+09	0.000000E+00
LOAD CASE 6949						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.328635E+08	0.192977E+09	0.000000E+00
LOAD CASE 6950						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.329174E+08	0.193623E+09	0.000000E+00
LOAD CASE 6951						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.329678E+08	0.194393E+09	0.000000E+00
LOAD CASE 6952						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.329836E+08	0.195113E+09	0.000000E+00
LOAD CASE 6953						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.329346E+08	0.195942E+09	0.000000E+00
LOAD CASE 6954						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.328697E+08	0.196527E+09	0.000000E+00
LOAD CASE 6955						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.329279E+08	0.197151E+09	0.000000E+00
LOAD CASE 6956						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.329741E+08	0.198075E+09	0.000000E+00
LOAD CASE 6957						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.329824E+08	0.198749E+09	0.000000E+00
LOAD CASE 6958						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.329901E+08	0.199426E+09	0.000000E+00
LOAD CASE 6959						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.330044E+08	0.200102E+09	0.000000E+00
LOAD CASE 6960						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.330183E+08	0.200953E+09	0.000000E+00
LOAD CASE 6961						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.330243E+08	0.201629E+09	0.000000E+00
LOAD CASE 6962						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.330297E+08	0.202308E+09	0.000000E+00
LOAD CASE 6963						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.330778E+08	0.202968E+09	0.000000E+00
LOAD CASE 6964						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.331165E+08	0.203752E+09	0.000000E+00
LOAD CASE 6965						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.330558E+08	0.204538E+09	0.000000E+00
LOAD CASE 6966						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.330913E+08	0.205163E+09	0.000000E+00
LOAD CASE 6967						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.331337E+08	0.205912E+09	0.000000E+00
LOAD CASE 6968						
TOTALS FOR STRUCTURE						

STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.331379E+08	0.206632E+09	0.000000E+00	
LOAD CASE TOTALS FOR STRUCTURE	6969	0.000000E+00	0.000000E+00	-480000.	0.331134E+08	0.207426E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6970	0.000000E+00	0.000000E+00	-480000.	0.330734E+08	0.208095E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6971	0.000000E+00	0.000000E+00	-480000.	0.331132E+08	0.208742E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6972	0.000000E+00	0.000000E+00	-480000.	0.331479E+08	0.209512E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6973	0.000000E+00	0.000000E+00	-480000.	0.330818E+08	0.210315E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6974	0.000000E+00	0.000000E+00	-480000.	0.331097E+08	0.210928E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6975	0.000000E+00	0.000000E+00	-480000.	0.331478E+08	0.211672E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6976	0.000000E+00	0.000000E+00	-480000.	0.331464E+08	0.212392E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6977	0.000000E+00	0.000000E+00	-480000.	0.331168E+08	0.213198E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6978	0.000000E+00	0.000000E+00	-480000.	0.330718E+08	0.213868E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6979	0.000000E+00	0.000000E+00	-480000.	0.331017E+08	0.214508E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6980	0.000000E+00	0.000000E+00	-480000.	0.331334E+08	0.215272E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6981	0.000000E+00	0.000000E+00	-480000.	0.330889E+08	0.216004E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6982	0.000000E+00	0.000000E+00	-480000.	0.330838E+08	0.216703E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6983	0.000000E+00	0.000000E+00	-480000.	0.331162E+08	0.217432E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6984	0.000000E+00	0.000000E+00	-480000.	0.331090E+08	0.218152E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6985	0.000000E+00	0.000000E+00	-480000.	0.331011E+08	0.218871E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6986	0.000000E+00	0.000000E+00	-480000.	0.330244E+08	0.219659E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6987	0.000000E+00	0.000000E+00	-480000.	0.330461E+08	0.220282E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6988	0.000000E+00	0.000000E+00	-480000.	0.330731E+08	0.221031E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6989	0.000000E+00	0.000000E+00	-480000.	0.330236E+08	0.221769E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6990	0.000000E+00	0.000000E+00	-480000.	0.329858E+08	0.222380E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6991	0.000000E+00	0.000000E+00	-480000.	0.330387E+08	0.223191E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6992	0.000000E+00	0.000000E+00	-480000.	0.330258E+08	0.223911E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6993	0.000000E+00	0.000000E+00	-480000.	0.330122E+08	0.224631E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6994	0.000000E+00	0.000000E+00	-480000.	0.329297E+08	0.225434E+09	0.000000E+00

LOAD CASE TOTALS FOR STRUCTURE	6995	0.000000E+00	0.000000E+00	-480000.	0.329441E+08	0.226047E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6996	0.000000E+00	0.000000E+00	-480000.	0.329670E+08	0.226790E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6997	0.000000E+00	0.000000E+00	-480000.	0.329117E+08	0.227543E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6998	0.000000E+00	0.000000E+00	-480000.	0.328672E+08	0.228171E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	6999	0.000000E+00	0.000000E+00	-480000.	0.329154E+08	0.228950E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7000	0.000000E+00	0.000000E+00	-480000.	0.328967E+08	0.229669E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7001	0.000000E+00	0.000000E+00	-480000.	0.328774E+08	0.230389E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7002	0.000000E+00	0.000000E+00	-480000.	0.328176E+08	0.231122E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7003	0.000000E+00	0.000000E+00	-480000.	0.327976E+08	0.231820E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7004	0.000000E+00	0.000000E+00	-480000.	0.328150E+08	0.232548E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7005	0.000000E+00	0.000000E+00	-480000.	0.327561E+08	0.233307E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7006	0.000000E+00	0.000000E+00	-480000.	0.327020E+08	0.233942E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7007	0.000000E+00	0.000000E+00	-480000.	0.327219E+08	0.234618E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7008	0.000000E+00	0.000000E+00	-480000.	0.327219E+08	0.235427E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7009	0.000000E+00	0.000000E+00	-480000.	0.326968E+08	0.236146E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7010	0.000000E+00	0.000000E+00	-480000.	0.326321E+08	0.236884E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7011	0.000000E+00	0.000000E+00	-480000.	0.325808E+08	0.237494E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7012	0.000000E+00	0.000000E+00	-480000.	0.326173E+08	0.238305E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7013	0.000000E+00	0.000000E+00	-480000.	0.325537E+08	0.239077E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7014	0.000000E+00	0.000000E+00	-480000.	0.324900E+08	0.239727E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7015	0.000000E+00	0.000000E+00	-480000.	0.325060E+08	0.240391E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7016	0.000000E+00	0.000000E+00	-480000.	0.325012E+08	0.241182E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7017	0.000000E+00	0.000000E+00	-480000.	0.324704E+08	0.241902E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7018	0.000000E+00	0.000000E+00	-480000.	0.323997E+08	0.242654E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7019	0.000000E+00	0.000000E+00	-480000.	0.323413E+08	0.243282E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7020	0.000000E+00	0.000000E+00	-480000.	0.323737E+08	0.244060E+09	0.000000E+00

LOAD CASE TOTALS FOR STRUCTURE	7021	0.000000E+00	0.000000E+00	-480000.	0.323070E+08	0.244839E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7022	0.000000E+00	0.000000E+00	-480000.	0.322340E+08	0.245494E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7023	0.000000E+00	0.000000E+00	-480000.	0.322423E+08	0.246154E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7024	0.000000E+00	0.000000E+00	-480000.	0.322347E+08	0.246936E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7025	0.000000E+00	0.000000E+00	-480000.	0.321982E+08	0.247655E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7026	0.000000E+00	0.000000E+00	-480000.	0.321238E+08	0.248413E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7027	0.000000E+00	0.000000E+00	-480000.	0.320556E+08	0.249049E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7028	0.000000E+00	0.000000E+00	-480000.	0.320613E+08	0.249725E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7029	0.000000E+00	0.000000E+00	-480000.	0.320124E+08	0.250607E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7030	0.000000E+00	0.000000E+00	-480000.	0.319325E+08	0.251274E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7031	0.000000E+00	0.000000E+00	-480000.	0.319332E+08	0.251920E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7032	0.000000E+00	0.000000E+00	-480000.	0.319225E+08	0.252688E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7033	0.000000E+00	0.000000E+00	-480000.	0.318802E+08	0.253407E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7034	0.000000E+00	0.000000E+00	-480000.	0.318009E+08	0.254178E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7035	0.000000E+00	0.000000E+00	-480000.	0.317230E+08	0.254827E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7036	0.000000E+00	0.000000E+00	-480000.	0.317249E+08	0.255491E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7037	0.000000E+00	0.000000E+00	-480000.	0.317041E+08	0.256281E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7038	0.000000E+00	0.000000E+00	-480000.	0.315866E+08	0.257037E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7039	0.000000E+00	0.000000E+00	-480000.	0.315778E+08	0.257675E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7040	0.000000E+00	0.000000E+00	-480000.	0.315645E+08	0.258437E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7041	0.000000E+00	0.000000E+00	-480000.	0.315165E+08	0.259155E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7042	0.000000E+00	0.000000E+00	-480000.	0.314339E+08	0.259934E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7043	0.000000E+00	0.000000E+00	-480000.	0.313467E+08	0.260588E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7044	0.000000E+00	0.000000E+00	-480000.	0.313408E+08	0.261247E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7045	0.000000E+00	0.000000E+00	-480000.	0.313175E+08	0.262028E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	7046	0.000000E+00	0.000000E+00	-480000.	0.311936E+08	0.262814E+09	0.000000E+00
LOAD CASE	7047						

TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.311782E+08	0.263435E+09	0.000000E+00
LOAD CASE 7048						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.311608E+08	0.264182E+09	0.000000E+00
LOAD CASE 7049						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.311071E+08	0.264900E+09	0.000000E+00
LOAD CASE 7050						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.310189E+08	0.265695E+09	0.000000E+00
LOAD CASE 7051						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.309249E+08	0.266360E+09	0.000000E+00
LOAD CASE 7052						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.309115E+08	0.267005E+09	0.000000E+00
LOAD CASE 7053						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.308852E+08	0.267772E+09	0.000000E+00
LOAD CASE 7054						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.307887E+08	0.268487E+09	0.000000E+00
LOAD CASE 7055						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.307327E+08	0.269184E+09	0.000000E+00
LOAD CASE 7056						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.307113E+08	0.269925E+09	0.000000E+00
LOAD CASE 7057						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.306519E+08	0.270642E+09	0.000000E+00
LOAD CASE 7058						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.305918E+08	0.271360E+09	0.000000E+00
LOAD CASE 7059						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.304589E+08	0.272115E+09	0.000000E+00
LOAD CASE 7060						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.304361E+08	0.272752E+09	0.000000E+00
LOAD CASE 7061						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.304072E+08	0.273512E+09	0.000000E+00
LOAD CASE 7062						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.303036E+08	0.274242E+09	0.000000E+00
LOAD CASE 7063						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.302421E+08	0.274938E+09	0.000000E+00
LOAD CASE 7064						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.302162E+08	0.275663E+09	0.000000E+00
LOAD CASE 7065						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.301511E+08	0.276381E+09	0.000000E+00
LOAD CASE 7066						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.300853E+08	0.277098E+09	0.000000E+00
LOAD CASE 7067						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.299452E+08	0.277883E+09	0.000000E+00
LOAD CASE 7068						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.299163E+08	0.278503E+09	0.000000E+00
LOAD CASE 7069						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.298836E+08	0.279248E+09	0.000000E+00
LOAD CASE 7070						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.297754E+08	0.279982E+09	0.000000E+00
LOAD CASE 7071						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.296888E+08	0.280587E+09	0.000000E+00
LOAD CASE 7072						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.296754E+08	0.281398E+09	0.000000E+00
LOAD CASE 7073						
TOTALS FOR STRUCTURE						

STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.296046E+08	0.282115E+09	0.000000E+00
LOAD CASE	7074					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.295331E+08	0.282831E+09	0.000000E+00
LOAD CASE	7075					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.294036E+08	0.283594E+09	0.000000E+00
LOAD CASE	7076					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.293144E+08	0.284311E+09	0.000000E+00
LOAD CASE	7077					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.292422E+08	0.285003E+09	0.000000E+00
LOAD CASE	7078					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.292159E+08	0.285645E+09	0.000000E+00
LOAD CASE	7079					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.291649E+08	0.286412E+09	0.000000E+00
LOAD CASE	7080					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.290891E+08	0.287128E+09	0.000000E+00
LOAD CASE	7081					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.289715E+08	0.287896E+09	0.000000E+00
LOAD CASE	7082					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.288686E+08	0.288542E+09	0.000000E+00
LOAD CASE	7083					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.288395E+08	0.289199E+09	0.000000E+00
LOAD CASE	7084					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.287499E+08	0.290027E+09	0.000000E+00
LOAD CASE	7085					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.286335E+08	0.290654E+09	0.000000E+00
LOAD CASE	7086					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.285938E+08	0.291345E+09	0.000000E+00
LOAD CASE	7087					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.285386E+08	0.292138E+09	0.000000E+00
LOAD CASE	7088					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.284571E+08	0.292853E+09	0.000000E+00
LOAD CASE	7089					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	0.283588E+08	0.293573E+09	0.000000E+00
LOAD CASE	7090					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-240000.	0.141835E+08	0.146194E+09	0.000000E+00
LOAD CASE	7091					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-240000.	0.141876E+08	0.146544E+09	0.000000E+00
LOAD CASE	7092					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-240000.	0.141637E+08	0.146999E+09	0.000000E+00
LOAD CASE	7093					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-240000.	0.141220E+08	0.147357E+09	0.000000E+00
LOAD CASE	7094					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	-120000.	0.704859E+07	0.737856E+08	0.000000E+00

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2180

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.22000E-01 SEC.
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 88054

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 32964766
LOCATIONS AVAILABLE = 196608000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 7836
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 7836
TOTAL NO. OF EQUATIONS = 7932
TOTAL NO. OF ACTIVE NODES = 1306

NUMBER OF ELEMENT GROUPS = 6
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 334

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MAXIMUM SIZE OF ELEMENT DATA RECORDS      =      4726985
MAXIMUM SIZE OF ELEMENT RESULT RECORDS     =      19331070
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS   =              0
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS     =      5991258
TOTAL SIZE OF ELEMENT DATA RECORDS       =      24005790
TOTAL SIZE OF ELEMENT RESULT RECORDS      =      94243179
TOTAL SIZE OF ELEMENT SOLUTION RECORDS    =              0
TOTAL SIZE OF GLOBAL SOLUTION RECORD      =      46448
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS  =      1821607

TIME FOR PRE-SOLUTION PROCESS              =  0.23000   SEC.      (ALL ELEMENT STIFFNESS MATRICES)

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TIME AT CENTRAL PROCESSOR = 13:01:10 ON 3/07/23 (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

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= Parallel multifrontal solver statistics =
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Solving symmetric indefinite matrix
Minimum degree equation re-ordering algorithm used
Number of nonzeros in L and U      =      139833
Number of iterative refinement steps =           4
Number of positive eigenvalues     =      7788
Number of negative eigenvalues     =           96
Peak memory used during analysis and
symbolic factorisation (MB)       =           5.26
Total peak memory used during solve (MB) =      32.46
In-memory/out-of-memory solution executed

```

```

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1      =  0.00000E+00
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2      =  0.16602E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3      =  0.17615E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4      =  0.22855E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5      =  0.34397E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 6      =  0.36548E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 7      =  0.77974E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 8      =  0.41761E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 9      =  0.89871E-25
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 30     =  0.31132E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 31     =  0.57361E-25
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 38     =  0.16128E-24
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 39     =  0.85934E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 40     =  0.90726E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 41     =  0.19033E-24
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 42     =  0.12920E-24
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 43     =  0.14191E-24
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 67     =  0.74048E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 68     =  0.76795E-25
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 71     =  0.16008E-24
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 72     =  0.19070E-24
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 73     =  0.29548E-24
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 74     =  0.20014E-24

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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 75	=	0.18869E-24
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 76	=	0.17863E-24
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 163	=	0.14051E-24
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 173	=	0.15712E-24
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 174	=	0.80481E-25
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 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 209 = 0.18145E-25
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 210 = 0.33179E-25
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 211 = 0.78445E-26
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 212 = 0.75955E-26

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

LOCATIONS USED DURING POST-SOLUTION PROCESS = 34842579
 LOCATIONS AVAILABLE = 196608000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 1687
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 7.2050 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 7.7880 SEC.

TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 8 SECS

TIME AT CENTRAL PROCESSOR = 13:01:17 ON 3/07/23 (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	384	60649	61105	0	812.5469
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	18	96	97	0	0.4375000
PLOT	16384	358297	431224	72820	0	1150.453
RESTART	0	0	0	0	0	0.0000000E+00

LUSAS RUN SUCCESSFULLY COMPLETED