

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

**PROGETTO ESECUTIVO**

COD. **PG143**

**PROGETTAZIONE: ATI SINTAGMA - GDG - ICARIA**

**IL RESPONSABILE DELL'INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE:**

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

**IL PROGETTISTA:**

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

**IL GEOLOGO:**

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

**IL COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE:**

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

**Il Responsabile di Progetto**

Arch. Pianificatore Marco Colazza

**Il Responsabile del Procedimento**

Dott. Ing.  
 Alessandro Micheli

**PROTOCOLLO**

**DATA**

**IL GRUPPO DI PROGETTAZIONE:**

**MANDATARIA:**

**MANDANTI:**



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

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

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



**08.VIADOTTI E PONTI**  
**08.02 VIADOTTO MOLINO VECCHIO**

**Allegato alla relazione di calcolo impalcato - Tabulati**

CODICE PROGETTO			NOME FILE	REVISIONE	SCALA:
PROGETTO	LIV. PROG.	ANNO	<i>T00VI02STRRE08A</i>		
DTPG143	E	23	CODICE ELAB. T00VI02STRRE08	A	-
<b>A</b>	Emissione		<i>Ago 2023</i>	<i>C.Margheriti</i>	<i>F.Durastanti</i> <i>N.Granieri</i>
REV.	DESCRIZIONE		DATA	REDATTO	VERIFICATO APPROVATO

TIME AT CENTRAL PROCESSOR = 10:27:00 ON 22/06/23 (DAY/MTH/YR)

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

VBNAM            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

VBNAM            VALUE  
IDTIME           1  
NIDX            100000  
NLPZ            150000000

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  
LLLLLLLLL    UU    UU    SS    SS    AA    AA    SS    SS  
LLLLLLLLL    UUUUUU    SSSSSS    AA    AA    SSSSSS

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

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

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

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

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

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

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

D:\SynologyDrive\01\_lavoro\48\_037\_09\_23\_632\_418\_Due\_Viadotti\_Trevalli\_Esec\_Sintagma\_LF\03\_calcoli\VI02\_molino\_vecchio\LUSASFiles  
32\Molino\_Vecchio\_rev18\_g\Molino\_Vecchio\_rev18\_g~01\_Fase1.dat

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

Memory request for 1478Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:27:02 ON 22/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

- O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
- O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
- O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
- O P T I O N(S) 123 CLOCKWISE NODE NUMBERING
- O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
- O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
- O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
- O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
- O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
- O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
- O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT  
 O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY  
 O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES  
 O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS  
 O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)  
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3  
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER  
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
JSH4	ELEMENTS			
1	1	2	604	605
2	4	3	2678	2679
3	6	5	612	613
4	8	7	620	621
5	10	9	2903	2904
6	12	11	944	945
7	13	14	952	953
8	16	15	2911	2912
9	18	17	960	961
10	19	20	1284	1285
11	21	22	2919	2920
12	24	23	1292	1293
13	25	26	1300	1301
14	27	28	3743	3744
15	29	30	1624	1625
16	31	32	1632	1633
17	34	33	3745	3746
18	36	35	1640	1641
19	37	38	1964	1965
20	39	40	3747	3748
21	42	41	1972	1973
22	43	44	1980	1981
23	46	45	3749	3750
24	47	48	2304	2305
25	50	49	2312	2313
26	51	52	3751	3752
27	54	53	2320	2321
28	56	55	2662	2663
29	57	58	3753	3754
30	59	60	2670	2671
1933	2992	68	3162	3163
1934	2994	90	3164	3165
1935	2996	115	3166	3167
1936	2998	137	3168	3169
1937	3000	162	3170	3171
1938	3002	194	3172	3173
1939	3004	238	3174	3175
1940	3006	277	3176	3177
1941	3008	311	3178	3179
1942	3010	348	3180	3181
1943	3012	380	3182	3183
1944	3014	417	3184	3185
1945	3016	451	3186	3187
1946	3018	484	3188	3189
1947	3020	521	3190	3191
1948	3022	554	3192	3193
1949	3024	591	3194	3195
1950	3026	629	3196	3197
1951	3028	661	3198	3199
1952	3030	698	3200	3201
1953	3032	731	3202	3203
1954	3034	768	3204	3205
1955	3036	801	3206	3207
1956	3038	833	3208	3209
1957	3040	870	3210	3211
1958	3042	902	3212	3213
1959	3044	939	3214	3215
1960	3046	978	3216	3217
1961	3048	1011	3218	3219
1962	3050	1048	3220	3221
1963	3052	1080	3222	3223
1964	3054	1119	3224	3225
1965	3056	1151	3226	3227
1966	3058	1182	3228	3229
1967	3060	1220	3230	3231
1968	3062	1252	3232	3233
1969	3064	1291	3234	3235
1970	3066	1327	3236	3237
1971	3068	1361	3238	3239
1972	3070	1396	3240	3241
1973	3072	1430	3242	3243
1974	3074	1465	3244	3245
1975	3076	1497	3246	3247
1976	3078	1531	3248	3249
1977	3080	1566	3250	3251
1978	3082	1600	3252	3253
1979	3084	1639	3254	3255
1980	3086	1675	3256	3257
1981	3088	1707	3258	3259

1982	3090	1745	3260	3261
1983	3092	1776	3262	3263
1984	3094	1815	3264	3265
1985	3096	1847	3266	3267
1986	3098	1879	3268	3269
1987	3100	1916	3270	3271
1988	3102	1949	3272	3273
1989	3104	1992	3274	3275
1990	3106	2025	3276	3277
1991	3108	2057	3278	3279
1992	3110	2094	3280	3281
1993	3112	2126	3282	3283
1994	3114	2163	3284	3285
1995	3116	2196	3286	3287
1996	3118	2229	3288	3289
1997	3120	2266	3290	3291
1998	3122	2298	3292	3293
1999	3124	2343	3294	3295
2000	3126	2373	3296	3297
2001	3128	2406	3298	3299
2002	3130	2447	3300	3301
2003	3132	2480	3302	3303
2004	3134	2518	3304	3305
2005	3136	2550	3306	3307
2006	3138	2584	3308	3309
2007	3140	2619	3310	3311
2008	3142	2651	3312	3313
2009	3144	2704	3314	3315
2010	3146	2738	3316	3317
2011	3148	2770	3318	3319
2012	3150	2807	3320	3321
2013	3152	2839	3322	3323
2014	3154	2876	3324	3325
2015	3156	2910	3326	3327
2016	3158	2949	3328	3329
2017	3160	2971	3330	3331

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

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

BMI21	ELEMENTS		
31	10169	10171	61
32	10171	10173	62
33	10173	10461	63
34	10461	10179	64
35	10179	10181	65
36	10181	10183	66
37	10173	10194	67
38	10461	68	69
39	10179	10210	70
40	10187	10189	71
41	10189	10194	72
42	10193	73	74
43	10194	68	75
44	73	10209	76
45	68	10210	77
46	10210	10212	78
47	10212	10214	79
48	10194	10218	80
49	68	10464	81
50	10210	10220	82
51	9974	8152	83
52	8152	10218	84
53	10218	10464	85
54	10464	10220	86
55	10220	8697	87
56	8697	9976	88
57	10218	10229	89
58	10464	90	91
59	10220	10241	92
60	10224	10226	93
61	10226	10229	94
62	10228	95	96
63	10229	90	97
64	95	10240	98
65	90	10241	99
66	10241	10243	100
67	10243	10245	101
68	10229	10249	102
69	90	10467	103
70	10241	10251	104
71	10249	10255	105
72	10467	10468	106
73	10251	10257	107
74	9977	8154	108
75	8154	10255	109
76	10255	10468	110
77	10468	10257	111
78	10257	8750	112
79	8750	9980	113
80	10255	10266	114
81	10468	115	116
82	10257	10278	117
83	10261	10263	118
84	10263	10266	119
85	10265	120	121
86	10266	115	122
87	120	10277	123
88	115	10278	124
89	10278	10280	125



90	10280	10282	126
91	10266	10286	127
92	115	10471	128
93	10278	10288	129
94	9981	8155	130
95	8155	10286	131
96	10286	10471	132
97	10471	10288	133
98	10288	8776	134
99	8776	9983	135
100	10286	10297	136
101	10471	137	138
102	10288	10309	139
103	10292	10294	140
104	10294	10297	141
105	10296	142	143
106	10297	137	144
107	142	10308	145
108	137	10309	146
109	10309	10311	147
110	10311	10313	148
111	10297	10317	149
112	137	10474	150
113	10309	10319	151
114	9984	8156	152
115	8156	10317	153
116	10317	10474	154
117	10474	10319	155
118	10319	8779	156
119	8779	9986	157
120	10317	10323	158
121	10474	10475	159
122	10319	10325	160
123	10323	10334	161
124	10475	162	163
125	10325	10346	164
126	10329	10331	165
127	10331	10334	166
128	10333	167	168
129	10334	162	169
130	167	10345	170
131	162	10346	172
132	10346	10348	173
133	10348	10350	176
134	10334	10354	177
135	162	10478	179
136	10346	10356	180
137	9987	8157	182
138	8157	10354	183
139	10354	10478	186
140	10478	10356	187
141	10356	8794	189
142	8794	9989	190
143	10354	10365	193
144	10478	194	196
145	10356	10377	197
146	10360	10362	199
147	10362	10365	200
148	10364	203	204
149	10365	194	206
150	203	10376	207
151	194	10377	210
152	10377	10379	211
153	10379	10381	213
154	10365	10385	214
155	194	10481	216
156	10377	10387	217
157	9991	8158	220
158	8158	10385	221
159	10385	10481	223
160	10481	10387	224
161	10387	8804	227
162	8804	9992	228
163	10385	10391	230
164	10481	10482	231
165	10387	10393	233
166	10391	10402	234
167	10482	238	239
168	10393	10414	241
169	10397	10399	242
170	10399	10402	245
171	10401	246	248
172	10402	238	249
173	246	10413	251
174	238	10414	252
175	10414	10416	255
176	10416	10418	256
177	10402	10422	258
178	238	10485	259
179	10414	10424	264
180	9993	8159	265
181	8159	10422	267
182	10422	10485	268
183	10485	10424	270
184	10424	8827	271
185	8827	9994	274
186	10422	10435	275
187	10485	277	278
188	10424	10451	281
189	10428	10430	282
190	10430	10435	284
191	10434	287	288
192	10435	277	290
193	287	10450	291
194	277	10451	294

195	10451	10453	295
196	10453	10455	296
197	10435	10459	298
198	277	10488	300
199	10451	293	303
200	9995	8161	304
201	8161	10459	305
202	10459	10488	306
203	10488	293	307
204	293	8830	308
205	8830	9996	309
206	10459	302	310
207	10488	311	312
208	293	314	315
209	297	299	317
210	299	302	319
211	301	320	321
212	302	311	323
213	320	313	325
214	311	314	326
215	314	316	327
216	316	318	329
217	302	322	331
218	311	10491	332
219	314	324	333
220	322	328	335
221	10491	10492	337
222	324	330	340
223	9997	8162	341
224	8162	328	342
225	328	10492	343
226	10492	330	344
227	330	8833	345
228	8833	9998	346
229	328	339	347
230	10492	348	349
231	330	351	352
232	334	336	354
233	336	339	356
234	338	357	358
235	339	348	360
236	357	350	362
237	348	351	363
238	351	353	364
239	353	355	366
240	339	359	368
241	348	10495	371
242	351	361	372
243	9999	8163	373
244	8163	359	374
245	359	10495	375
246	10495	361	376
247	361	8985	377
248	8985	10000	378
249	359	370	379
250	10495	380	383
251	361	382	385
252	365	367	387
253	367	370	388
254	369	389	391
255	370	380	393
256	389	381	394
257	380	382	395
258	382	384	397
259	384	386	399
260	370	390	400
261	380	10498	401
262	382	392	403
263	10001	8164	405
264	8164	390	408
265	390	10498	409
266	10498	392	410
267	392	8987	411
268	8987	10002	412
269	390	396	413
270	10498	10499	414
271	392	398	415
272	396	407	416
273	10499	417	420
274	398	419	422
275	402	404	424
276	404	407	425
277	406	426	428
278	407	417	430
279	426	418	431
280	417	419	432
281	419	421	434
282	421	423	436
283	407	427	439
284	417	10502	440
285	419	429	441
286	10003	8166	442
287	8166	427	443
288	427	10502	444
289	10502	429	445
290	429	8996	446
291	8996	10004	447
292	427	438	448
293	10502	451	453
294	429	450	455
295	433	435	456
296	435	438	457
297	437	459	461
298	438	451	462
299	459	449	463

300	451	450	465
301	450	452	467
302	452	454	470
303	438	458	471
304	451	10505	472
305	450	460	473
306	10006	8167	474
307	8167	458	475
308	458	10505	476
309	10505	460	477
310	460	8998	478
311	8998	10007	479
312	458	469	482
313	10505	484	486
314	460	481	487
315	464	466	488
316	466	469	490
317	468	492	493
318	469	484	494
319	492	480	496
320	484	481	498
321	481	483	499
322	483	485	500
323	469	489	502
324	484	10508	504
325	481	491	507
326	489	495	508
327	10508	10509	509
328	491	497	510
329	10008	8168	511
330	8168	495	512
331	495	10509	513
332	10509	497	514
333	497	9000	515
334	9000	10009	516
335	495	506	519
336	10509	521	523
337	497	518	524
338	501	503	525
339	503	506	527
340	505	529	530
341	506	521	531
342	529	517	533
343	521	518	535
344	518	520	538
345	520	522	539
346	506	526	540
347	521	10512	541
348	518	528	542
349	10010	8169	543
350	8169	526	544
351	526	10512	545
352	10512	528	546
353	528	9002	547
354	9002	10011	550
355	526	537	552
356	10512	554	555
357	528	549	556
358	532	534	558
359	534	537	560
360	536	561	562
361	537	554	564
362	561	548	566
363	554	549	567
364	549	551	568
365	551	553	570
366	537	557	572
367	554	10515	575
368	549	559	576
369	10012	8170	577
370	8170	557	578
371	557	10515	579
372	10515	559	580
373	559	8967	581
374	8967	10013	582
375	557	563	583
376	10515	10516	584
377	559	565	587
378	563	574	589
379	10516	591	592
380	565	586	593
381	569	571	595
382	571	574	597
383	573	598	599
384	574	591	601
385	598	585	603
386	591	586	608
387	586	588	609
388	588	590	610
389	574	594	611
390	591	10519	614
391	586	596	615
392	10014	8171	616
393	8171	594	617
394	594	10519	618
395	10519	596	619
396	596	8970	624
397	8970	10015	626
398	594	607	628
399	10519	629	630
400	596	623	632
401	600	602	634
402	602	607	635
403	606	636	638
404	607	629	640

405	636	622	643
406	629	623	644
407	623	625	645
408	625	627	646
409	607	631	647
410	629	10522	648
411	623	633	649
412	10016	8172	650
413	8172	631	651
414	631	10522	652
415	10522	633	655
416	633	8973	657
417	8973	10017	659
418	631	642	660
419	10522	661	663
420	633	654	665
421	637	639	666
422	639	642	667
423	641	669	671
424	642	661	672
425	669	653	673
426	661	654	675
427	654	656	677
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1770	2804	2881	2882
1771	2805	2876	2883
1772	2881	2816	2886
1773	2876	2817	2888
1774	2817	2819	2890
1775	2819	2821	2891
1776	2805	2825	2892
1777	2876	283	2894
1778	2817	2827	2896
1779	10162	8554	2897
1780	8554	2825	2898
1781	2825	283	2900
1782	283	2827	2902
1783	2827	9043	2907
1784	9043	10163	2908
1785	2825	2836	2909
1786	283	2910	2913
1787	2827	2848	2914
1788	2831	2833	2915
1789	2833	2836	2916
1790	2835	2917	2918
1791	2836	2910	2923
1792	2917	2847	2925
1793	2910	2848	2927
1794	2848	2850	2928
1795	2850	2852	2929
1796	2836	2856	2931
1797	2910	285	2933
1798	2848	2858	2935
1799	2856	2862	2936
1800	285	286	2937
1801	2858	2864	2938
1802	10164	8557	2939
1803	8557	2862	2941
1804	2862	286	2943
1805	286	2864	2945
1806	2864	9048	2946
1807	9048	10165	2947
1808	2862	2873	2948
1809	286	2949	2950
1810	2864	2885	2951
1811	2868	2870	2952
1812	2870	2873	2953
1813	2872	2954	2955
1814	2873	2949	2956
1815	2954	2884	2957
1816	2949	2885	2958
1817	2885	2887	2959
1818	2887	2889	2960
1819	2873	2893	2961
1820	2949	289	2962
1821	2885	2895	2963
1822	10166	8558	2964
1823	8558	2893	2965
1824	2893	289	2966
1825	289	2895	2967
1826	2895	9226	2968
1827	9226	10168	2969
1828	2893	2906	2970
1829	289	2971	2972
1830	2895	2922	2973
1831	2899	2901	2974
1832	2901	2906	2975
1833	2905	2976	2977
1834	2906	2971	2978
1835	2976	2921	2979
1836	2971	2922	2980
1837	2922	2924	2981
1838	2924	2926	2982
1839	2906	2934	2983
1840	2971	292	2984
1841	2922	2940	2985
1842	2930	2932	2986
1843	2932	2934	2987
1844	2934	292	2988
1845	292	2940	2989
1846	2940	2942	2990
1847	2942	2944	2991
1848	73	2992	2993
1849	95	2994	2995
1850	120	2996	2997
1851	142	2998	2999
1852	167	3000	3001
1853	203	3002	3003
1854	246	3004	3005
1855	287	3006	3007
1856	320	3008	3009
1857	357	3010	3011
1858	389	3012	3013
1859	426	3014	3015
1860	459	3016	3017
1861	492	3018	3019
1862	529	3020	3021
1863	561	3022	3023
1864	598	3024	3025
1865	636	3026	3027
1866	669	3028	3029
1867	706	3030	3031
1868	739	3032	3033
1869	776	3034	3035
1870	810	3036	3037
1871	840	3038	3039
1872	879	3040	3041
1873	910	3042	3043
1874	950	3044	3045

1875	986	3046	3047
1876	1020	3048	3049
1877	1055	3050	3051
1878	1089	3052	3053
1879	1124	3054	3055
1880	1156	3056	3057
1881	1190	3058	3059
1882	1225	3060	3061
1883	1259	3062	3063
1884	1298	3064	3065
1885	1332	3066	3067
1886	1366	3068	3069
1887	1403	3070	3071
1888	1435	3072	3073
1889	1473	3074	3075
1890	1506	3076	3077
1891	1536	3078	3079
1892	1575	3080	3081
1893	1607	3082	3083
1894	1650	3084	3085
1895	1683	3086	3087
1896	1716	3088	3089
1897	1753	3090	3091
1898	1785	3092	3093
1899	1822	3094	3095
1900	1854	3096	3097
1901	1887	3098	3099
1902	1924	3100	3101
1903	1957	3102	3103
1904	2000	3104	3105
1905	2032	3106	3107
1906	2064	3108	3109
1907	2101	3110	3111
1908	2134	3112	3113
1909	2172	3114	3115
1910	2204	3116	3117
1911	2238	3118	3119
1912	2275	3120	3121
1913	2309	3122	3123
1914	2348	3124	3125
1915	2381	3126	3127
1916	2414	3128	3129
1917	2456	3130	3131
1918	2488	3132	3133
1919	2523	3134	3135
1920	2557	3136	3137
1921	2589	3138	3139
1922	2626	3140	3141
1923	2659	3142	3143
1924	2709	3144	3145
1925	2743	3146	3147
1926	2775	3148	3149
1927	2812	3150	3151
1928	2844	3152	3153
1929	2881	3154	3155
1930	2917	3156	3157
1931	2954	3158	3159
1932	2976	3160	3161

TOTAL NUMBER OF ELEMENTS = 2017  
LARGEST ELEMENT NUMBER = 2017  
LARGEST NODE NUMBER = 10628

DEFAULT SOLVER CHOSEN

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

NODE NO.	COORDINATE IN	COORDINATE IN	COORDINATE IN
	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
	M	M	M
1	0.500000	2.12500	-2.50000
2	0.500000	2.12500	-2.50000
3	0.500000	5.62500	-2.50000
4	0.500000	5.62500	-2.50000
5	0.500000	9.12500	-2.50000
6	0.500000	9.12500	-2.50000
7	33.5470	2.12500	-2.50000
8	33.5470	2.12500	-2.50000
9	33.5470	5.62500	-2.50000
10	33.5470	5.62500	-2.50000
11	33.5470	9.12500	-2.50000
12	33.5470	9.12500	-2.50000
13	82.0570	2.12500	-2.50000
14	82.0570	2.12500	-2.50000
15	82.0570	5.62500	-2.50000
16	82.0570	5.62500	-2.50000
17	82.0570	9.12500	-2.50000
18	82.0570	9.12500	-2.50000
19	130.587	2.12500	-2.50000
20	130.587	2.12500	-2.50000
21	130.587	5.62500	-2.50000
22	130.587	5.62500	-2.50000
23	130.587	9.12500	-2.50000
24	130.587	9.12500	-2.50000
25	179.137	2.12500	-2.50000
26	179.137	2.12500	-2.50000
27	179.137	5.62500	-2.50000
28	179.137	5.62500	-2.50000

29	179.137	9.12500	-2.50000
30	179.137	9.12500	-2.50000
31	227.707	2.12500	-2.50000
32	227.707	2.12500	-2.50000
33	227.707	5.62500	-2.50000
34	227.707	5.62500	-2.50000
35	227.707	9.12500	-2.50000
36	227.707	9.12500	-2.50000
37	276.287	2.12500	-2.50000
38	276.287	2.12500	-2.50000
39	276.287	5.62500	-2.50000
40	276.287	5.62500	-2.50000
41	276.287	9.12500	-2.50000
42	276.287	9.12500	-2.50000
43	324.877	2.12500	-2.50000
44	324.877	2.12500	-2.50000
45	324.877	5.62500	-2.50000
46	324.877	5.62500	-2.50000
47	324.877	9.12500	-2.50000
48	324.877	9.12500	-2.50000
49	373.578	2.12500	-2.50000
50	373.578	2.12500	-2.50000
51	373.578	5.62500	-2.50000
52	373.578	5.62500	-2.50000
53	373.578	9.12500	-2.50000
54	373.578	9.12500	-2.50000
55	407.610	2.12500	-2.50000
56	407.610	2.12500	-2.50000
57	407.610	5.62500	-2.50000
58	407.610	5.62500	-2.50000
59	407.610	9.12500	-2.50000
60	407.610	9.12500	-2.50000
61	-1.00000	0.000000E+00	0.000000E+00
62	-1.00000	0.750000	0.000000E+00
63	-1.16667	2.12500	0.000000E+00
64	-1.16667	5.62500	0.000000E+00
65	-1.00000	9.12500	0.000000E+00
66	-1.00000	10.5000	0.000000E+00
67	0.000000E+00	3.12500	0.000000E+00
68	0.500000	5.62500	0.000000E+00
69	0.000000E+00	6.62500	0.000000E+00
70	0.000000E+00	10.1250	0.000000E+00
71	-0.500000	0.000000E+00	0.000000E+00
72	-0.500000	0.750000	0.000000E+00
73	0.500000	5.62500	-1.00000
74	-0.666667	2.12500	-1.00000
75	-0.666667	2.12500	0.000000E+00
76	-0.666667	5.62500	-1.00000
77	-0.666667	5.62500	0.000000E+00
78	-0.500000	9.12500	0.000000E+00
79	-0.500000	10.5000	0.000000E+00
80	0.500000	3.12500	0.000000E+00
81	0.500000	6.62500	0.000000E+00
82	0.500000	10.1250	0.000000E+00
83	1.86050	0.000000E+00	0.000000E+00
84	1.86050	0.750000	0.000000E+00
85	1.69383	2.12500	0.000000E+00
86	1.69383	5.62500	0.000000E+00
87	1.86050	9.12500	0.000000E+00
88	1.86050	10.5000	0.000000E+00
89	2.86050	3.12500	0.000000E+00
90	5.22100	5.62500	0.000000E+00
91	2.86050	6.62500	0.000000E+00
92	2.86050	10.1250	0.000000E+00
93	4.22100	0.000000E+00	0.000000E+00
94	4.22100	0.750000	0.000000E+00
95	5.22100	5.62500	-1.00000
96	4.05433	2.12500	-1.00000
97	4.05433	2.12500	0.000000E+00
98	4.05433	5.62500	-1.00000
99	4.05433	5.62500	0.000000E+00
100	4.22100	9.12500	0.000000E+00
101	4.22100	10.5000	0.000000E+00
102	5.22100	3.12500	0.000000E+00
103	5.22100	6.62500	0.000000E+00
104	5.22100	10.1250	0.000000E+00
105	7.54900	3.12500	0.000000E+00
106	7.54900	6.62500	0.000000E+00
107	7.54900	10.1250	0.000000E+00
108	6.58150	0.000000E+00	0.000000E+00
109	6.58150	0.750000	0.000000E+00
110	6.41483	2.12500	0.000000E+00
111	6.41483	5.62500	0.000000E+00
112	6.58150	9.12500	0.000000E+00
113	6.58150	10.5000	0.000000E+00
114	7.58150	3.12500	0.000000E+00
115	9.94200	5.62500	0.000000E+00
116	7.58150	6.62500	0.000000E+00
117	7.58150	10.1250	0.000000E+00
118	8.94200	0.000000E+00	0.000000E+00
119	8.94200	0.750000	0.000000E+00
120	9.94200	5.62500	-1.00000
121	8.77533	2.12500	-1.00000
122	8.77533	2.12500	0.000000E+00
123	8.77533	5.62500	-1.00000
124	8.77533	5.62500	0.000000E+00
125	8.94200	9.12500	0.000000E+00
126	8.94200	10.5000	0.000000E+00
127	9.94200	3.12500	0.000000E+00
128	9.94200	6.62500	0.000000E+00
129	9.94200	10.1250	0.000000E+00
130	11.3025	0.000000E+00	0.000000E+00
131	11.3025	0.750000	0.000000E+00
132	11.1358	2.12500	0.000000E+00
133	11.1358	5.62500	0.000000E+00

134	11.3025	9.12500	0.000000E+00
135	11.3025	10.5000	0.000000E+00
136	12.3025	3.12500	0.000000E+00
137	14.6630	5.62500	0.000000E+00
138	12.3025	6.62500	0.000000E+00
139	12.3025	10.1250	0.000000E+00
140	13.6630	0.000000E+00	0.000000E+00
141	13.6630	0.750000	0.000000E+00
142	14.6630	5.62500	-1.00000
143	13.4963	2.12500	-1.00000
144	13.4963	2.12500	0.000000E+00
145	13.4963	5.62500	-1.00000
146	13.4963	5.62500	0.000000E+00
147	13.6630	9.12500	0.000000E+00
148	13.6630	10.5000	0.000000E+00
149	14.6630	3.12500	0.000000E+00
150	14.6630	6.62500	0.000000E+00
151	14.6630	10.1250	0.000000E+00
152	16.0235	0.000000E+00	0.000000E+00
153	16.0235	0.750000	0.000000E+00
154	15.8568	2.12500	0.000000E+00
155	15.8568	5.62500	0.000000E+00
156	16.0235	9.12500	0.000000E+00
157	16.0235	10.5000	0.000000E+00
158	17.0235	3.12500	0.000000E+00
159	17.0235	6.62500	0.000000E+00
160	17.0235	10.1250	0.000000E+00
161	17.5480	3.12500	0.000000E+00
162	19.3840	5.62500	0.000000E+00
163	17.5480	6.62500	0.000000E+00
164	17.5480	10.1250	0.000000E+00
165	18.3840	0.000000E+00	0.000000E+00
166	18.3840	0.750000	0.000000E+00
167	19.3840	5.62500	-1.00000
168	18.2173	2.12500	-1.00000
169	18.2173	2.12500	0.000000E+00
170	18.2173	5.62500	-1.00000
171	239.852	5.62500	0.000000E+00
172	18.2173	5.62500	0.000000E+00
173	18.3840	9.12500	0.000000E+00
174	244.710	5.62500	0.000000E+00
175	245.987	5.62500	0.000000E+00
176	18.3840	10.5000	0.000000E+00
177	19.3840	3.12500	0.000000E+00
178	249.568	5.62500	0.000000E+00
179	19.3840	6.62500	0.000000E+00
180	19.3840	10.1250	0.000000E+00
181	254.426	5.62500	0.000000E+00
182	20.7445	0.000000E+00	0.000000E+00
183	20.7445	0.750000	0.000000E+00
184	258.007	5.62500	0.000000E+00
185	259.284	5.62500	0.000000E+00
186	20.5778	2.12500	0.000000E+00
187	20.5778	5.62500	0.000000E+00
188	264.142	5.62500	0.000000E+00
189	20.7445	9.12500	0.000000E+00
190	20.7445	10.5000	0.000000E+00
191	269.000	5.62500	0.000000E+00
192	270.278	5.62500	0.000000E+00
193	21.7445	3.12500	0.000000E+00
194	24.1050	5.62500	0.000000E+00
195	273.858	5.62500	0.000000E+00
196	21.7445	6.62500	0.000000E+00
197	21.7445	10.1250	0.000000E+00
198	278.717	5.62500	0.000000E+00
199	23.1050	0.000000E+00	0.000000E+00
200	23.1050	0.750000	0.000000E+00
201	282.298	5.62500	0.000000E+00
202	283.575	5.62500	0.000000E+00
203	24.1050	5.62500	-1.00000
204	22.9383	2.12500	-1.00000
205	288.434	5.62500	0.000000E+00
206	22.9383	2.12500	0.000000E+00
207	22.9383	5.62500	-1.00000
208	293.293	5.62500	0.000000E+00
209	294.571	5.62500	0.000000E+00
210	22.9383	5.62500	0.000000E+00
211	23.1050	9.12500	0.000000E+00
212	298.152	5.62500	0.000000E+00
213	23.1050	10.5000	0.000000E+00
214	24.1050	3.12500	0.000000E+00
215	303.012	5.62500	0.000000E+00
216	24.1050	6.62500	0.000000E+00
217	24.1050	10.1250	0.000000E+00
218	306.593	5.62500	0.000000E+00
219	307.870	5.62500	0.000000E+00
220	25.4655	0.000000E+00	0.000000E+00
221	25.4655	0.750000	0.000000E+00
222	312.730	5.62500	0.000000E+00
223	25.2988	2.12500	0.000000E+00
224	25.2988	5.62500	0.000000E+00
225	317.588	5.62500	0.000000E+00
226	318.866	5.62500	0.000000E+00
227	25.4655	9.12500	0.000000E+00
228	25.4655	10.5000	0.000000E+00
229	322.447	5.62500	0.000000E+00
230	26.4655	3.12500	0.000000E+00
231	26.4655	6.62500	0.000000E+00
232	327.306	5.62500	0.000000E+00
233	26.4655	10.1250	0.000000E+00
234	27.5470	3.12500	0.000000E+00
235	330.890	5.62500	0.000000E+00
236	332.165	5.62500	0.000000E+00
237	332.182	5.62500	0.000000E+00
238	28.8260	5.62500	0.000000E+00

239	27.5470	6.62500	0.000000E+00
240	337.024	5.62500	0.000000E+00
241	27.5470	10.1250	0.000000E+00
242	27.8260	0.000000E+00	0.000000E+00
243	341.883	5.62500	0.000000E+00
244	343.163	5.62500	0.000000E+00
245	27.8260	0.750000	0.000000E+00
246	28.8260	5.62500	-1.00000
247	346.743	5.62500	0.000000E+00
248	27.6593	2.12500	-1.00000
249	27.6593	2.12500	0.000000E+00
250	351.601	5.62500	0.000000E+00
251	27.6593	5.62500	-1.00000
252	27.6593	5.62500	0.000000E+00
253	355.186	5.62500	0.000000E+00
254	356.460	5.62500	0.000000E+00
255	27.8260	9.12500	0.000000E+00
256	27.8260	10.5000	0.000000E+00
257	361.320	5.62500	0.000000E+00
258	28.8260	3.12500	0.000000E+00
259	28.8260	6.62500	0.000000E+00
260	365.704	5.62500	0.000000E+00
261	366.236	5.62500	0.000000E+00
262	366.273	5.62500	0.000000E+00
263	367.574	5.62500	0.000000E+00
264	28.8260	10.1250	0.000000E+00
265	30.1865	0.000000E+00	0.000000E+00
266	371.150	5.62500	0.000000E+00
267	30.1865	0.750000	0.000000E+00
268	30.0198	2.12500	0.000000E+00
269	376.009	5.62500	0.000000E+00
270	30.0198	5.62500	0.000000E+00
271	30.1865	9.12500	0.000000E+00
272	379.584	5.62500	0.000000E+00
273	380.871	5.62500	0.000000E+00
274	30.1865	10.5000	0.000000E+00
275	31.1865	3.12500	0.000000E+00
276	385.732	5.62500	0.000000E+00
277	33.5470	5.62500	0.000000E+00
278	31.1865	6.62500	0.000000E+00
279	389.593	5.62500	0.000000E+00
280	390.594	5.62500	0.000000E+00
281	31.1865	10.1250	0.000000E+00
282	32.5470	0.000000E+00	0.000000E+00
283	395.456	5.62500	0.000000E+00
284	32.5470	0.750000	0.000000E+00
285	399.602	5.62500	0.000000E+00
286	400.317	5.62500	0.000000E+00
287	33.5470	5.62500	-1.00000
288	32.3803	2.12500	-1.00000
289	405.179	5.62500	0.000000E+00
290	32.3803	2.12500	0.000000E+00
291	32.3803	5.62500	-1.00000
292	408.110	5.62500	0.000000E+00
293	35.9725	9.12500	0.000000E+00
294	32.3803	5.62500	0.000000E+00
295	32.5470	9.12500	0.000000E+00
296	32.5470	10.5000	0.000000E+00
297	38.3980	0.000000E+00	0.000000E+00
298	33.5470	3.12500	0.000000E+00
299	38.3980	0.750000	0.000000E+00
300	33.5470	6.62500	0.000000E+00
301	38.3980	2.12500	-1.00000
302	38.3980	2.12500	0.000000E+00
303	33.5470	10.1250	0.000000E+00
304	34.9725	0.000000E+00	0.000000E+00
305	34.9725	0.750000	0.000000E+00
306	34.8058	2.12500	0.000000E+00
307	34.8058	5.62500	0.000000E+00
308	34.9725	9.12500	0.000000E+00
309	34.9725	10.5000	0.000000E+00
310	35.9725	3.12500	0.000000E+00
311	38.3980	5.62500	0.000000E+00
312	35.9725	6.62500	0.000000E+00
313	38.3980	9.12500	-1.00000
314	38.3980	9.12500	0.000000E+00
315	35.9725	10.1250	0.000000E+00
316	38.3980	10.5000	0.000000E+00
317	37.3980	0.000000E+00	0.000000E+00
318	38.3980	11.2500	0.000000E+00
319	37.3980	0.750000	0.000000E+00
320	38.3980	5.62500	-1.00000
321	37.2313	2.12500	-1.00000
322	39.5490	2.12500	0.000000E+00
323	37.2313	2.12500	0.000000E+00
324	39.5490	9.12500	0.000000E+00
325	37.2313	5.62500	-1.00000
326	37.2313	5.62500	0.000000E+00
327	37.3980	9.12500	0.000000E+00
328	40.8235	2.12500	0.000000E+00
329	37.3980	10.5000	0.000000E+00
330	40.8235	9.12500	0.000000E+00
331	38.3980	3.12500	0.000000E+00
332	38.3980	6.62500	0.000000E+00
333	38.3980	10.1250	0.000000E+00
334	43.2490	0.000000E+00	0.000000E+00
335	39.5490	3.12500	0.000000E+00
336	43.2490	0.750000	0.000000E+00
337	39.5490	6.62500	0.000000E+00
338	43.2490	2.12500	-1.00000
339	43.2490	2.12500	0.000000E+00
340	39.5490	10.1250	0.000000E+00
341	39.8235	0.000000E+00	0.000000E+00
342	39.8235	0.750000	0.000000E+00
343	39.6568	2.12500	0.000000E+00

344	39.6568	5.62500	0.000000E+00
345	39.8235	9.12500	0.000000E+00
346	39.8235	10.5000	0.000000E+00
347	40.8235	3.12500	0.000000E+00
348	43.2490	5.62500	0.000000E+00
349	40.8235	6.62500	0.000000E+00
350	43.2490	9.12500	-1.00000
351	43.2490	9.12500	0.000000E+00
352	40.8235	10.1250	0.000000E+00
353	43.2490	10.5000	0.000000E+00
354	42.2490	0.000000E+00	0.000000E+00
355	43.2490	11.2500	0.000000E+00
356	42.2490	0.750000	0.000000E+00
357	43.2490	5.62500	-1.00000
358	42.0823	2.12500	-1.00000
359	45.6745	2.12500	0.000000E+00
360	42.0823	2.12500	0.000000E+00
361	45.6745	9.12500	0.000000E+00
362	42.0823	5.62500	-1.00000
363	42.0823	5.62500	0.000000E+00
364	42.2490	9.12500	0.000000E+00
365	48.1000	0.000000E+00	0.000000E+00
366	42.2490	10.5000	0.000000E+00
367	48.1000	0.750000	0.000000E+00
368	43.2490	3.12500	0.000000E+00
369	48.1000	2.12500	-1.00000
370	48.1000	2.12500	0.000000E+00
371	43.2490	6.62500	0.000000E+00
372	43.2490	10.1250	0.000000E+00
373	44.6745	0.000000E+00	0.000000E+00
374	44.6745	0.750000	0.000000E+00
375	44.5078	2.12500	0.000000E+00
376	44.5078	5.62500	0.000000E+00
377	44.6745	9.12500	0.000000E+00
378	44.6745	10.5000	0.000000E+00
379	45.6745	3.12500	0.000000E+00
380	48.1000	5.62500	0.000000E+00
381	48.1000	9.12500	-1.00000
382	48.1000	9.12500	0.000000E+00
383	45.6745	6.62500	0.000000E+00
384	48.1000	10.5000	0.000000E+00
385	45.6745	10.1250	0.000000E+00
386	48.1000	11.2500	0.000000E+00
387	47.1000	0.000000E+00	0.000000E+00
388	47.1000	0.750000	0.000000E+00
389	48.1000	5.62500	-1.00000
390	50.5255	2.12500	0.000000E+00
391	46.9333	2.12500	-1.00000
392	50.5255	9.12500	0.000000E+00
393	46.9333	2.12500	0.000000E+00
394	46.9333	5.62500	-1.00000
395	46.9333	5.62500	0.000000E+00
396	51.8010	2.12500	0.000000E+00
397	47.1000	9.12500	0.000000E+00
398	51.8010	9.12500	0.000000E+00
399	47.1000	10.5000	0.000000E+00
400	48.1000	3.12500	0.000000E+00
401	48.1000	6.62500	0.000000E+00
402	52.9510	0.000000E+00	0.000000E+00
403	48.1000	10.1250	0.000000E+00
404	52.9510	0.750000	0.000000E+00
405	49.5255	0.000000E+00	0.000000E+00
406	52.9510	2.12500	-1.00000
407	52.9510	2.12500	0.000000E+00
408	49.5255	0.750000	0.000000E+00
409	49.3588	2.12500	0.000000E+00
410	49.3588	5.62500	0.000000E+00
411	49.5255	9.12500	0.000000E+00
412	49.5255	10.5000	0.000000E+00
413	50.5255	3.12500	0.000000E+00
414	50.5255	6.62500	0.000000E+00
415	50.5255	10.1250	0.000000E+00
416	51.8010	3.12500	0.000000E+00
417	52.9510	5.62500	0.000000E+00
418	52.9510	9.12500	-1.00000
419	52.9510	9.12500	0.000000E+00
420	51.8010	6.62500	0.000000E+00
421	52.9510	10.5000	0.000000E+00
422	51.8010	10.1250	0.000000E+00
423	52.9510	11.2500	0.000000E+00
424	51.9510	0.000000E+00	0.000000E+00
425	51.9510	0.750000	0.000000E+00
426	52.9510	5.62500	-1.00000
427	55.3765	2.12500	0.000000E+00
428	51.7843	2.12500	-1.00000
429	55.3765	9.12500	0.000000E+00
430	51.7843	2.12500	0.000000E+00
431	51.7843	5.62500	-1.00000
432	51.7843	5.62500	0.000000E+00
433	57.8020	0.000000E+00	0.000000E+00
434	51.9510	9.12500	0.000000E+00
435	57.8020	0.750000	0.000000E+00
436	51.9510	10.5000	0.000000E+00
437	57.8020	2.12500	-1.00000
438	57.8020	2.12500	0.000000E+00
439	52.9510	3.12500	0.000000E+00
440	52.9510	6.62500	0.000000E+00
441	52.9510	10.1250	0.000000E+00
442	54.3765	0.000000E+00	0.000000E+00
443	54.3765	0.750000	0.000000E+00
444	54.2098	2.12500	0.000000E+00
445	54.2098	5.62500	0.000000E+00
446	54.3765	9.12500	0.000000E+00
447	54.3765	10.5000	0.000000E+00
448	55.3765	3.12500	0.000000E+00

449	57.8020	9.12500	-1.00000
450	57.8020	9.12500	0.000000E+00
451	57.8020	5.62500	0.000000E+00
452	57.8020	10.5000	0.000000E+00
453	55.3765	6.62500	0.000000E+00
454	57.8020	11.2500	0.000000E+00
455	55.3765	10.1250	0.000000E+00
456	56.8020	0.000000E+00	0.000000E+00
457	56.8020	0.750000	0.000000E+00
458	60.2275	2.12500	0.000000E+00
459	57.8020	5.62500	-1.00000
460	60.2275	9.12500	0.000000E+00
461	56.6353	2.12500	-1.00000
462	56.6353	2.12500	0.000000E+00
463	56.6353	5.62500	-1.00000
464	62.6530	0.000000E+00	0.000000E+00
465	56.6353	5.62500	0.000000E+00
466	62.6530	0.750000	0.000000E+00
467	56.8020	9.12500	0.000000E+00
468	62.6530	2.12500	-1.00000
469	62.6530	2.12500	0.000000E+00
470	56.8020	10.5000	0.000000E+00
471	57.8020	3.12500	0.000000E+00
472	57.8020	6.62500	0.000000E+00
473	57.8020	10.1250	0.000000E+00
474	59.2275	0.000000E+00	0.000000E+00
475	59.2275	0.750000	0.000000E+00
476	59.0608	2.12500	0.000000E+00
477	59.0608	5.62500	0.000000E+00
478	59.2275	9.12500	0.000000E+00
479	59.2275	10.5000	0.000000E+00
480	62.6530	9.12500	-1.00000
481	62.6530	9.12500	0.000000E+00
482	60.2275	3.12500	0.000000E+00
483	62.6530	10.5000	0.000000E+00
484	62.6530	5.62500	0.000000E+00
485	62.6530	11.2500	0.000000E+00
486	60.2275	6.62500	0.000000E+00
487	60.2275	10.1250	0.000000E+00
488	61.6530	0.000000E+00	0.000000E+00
489	63.8030	2.12500	0.000000E+00
490	61.6530	0.750000	0.000000E+00
491	63.8030	9.12500	0.000000E+00
492	62.6530	5.62500	-1.00000
493	61.4863	2.12500	-1.00000
494	61.4863	2.12500	0.000000E+00
495	65.0785	2.12500	0.000000E+00
496	61.4863	5.62500	-1.00000
497	65.0785	9.12500	0.000000E+00
498	61.4863	5.62500	0.000000E+00
499	61.6530	9.12500	0.000000E+00
500	61.6530	10.5000	0.000000E+00
501	67.5040	0.000000E+00	0.000000E+00
502	62.6530	3.12500	0.000000E+00
503	67.5040	0.750000	0.000000E+00
504	62.6530	6.62500	0.000000E+00
505	67.5040	2.12500	-1.00000
506	67.5040	2.12500	0.000000E+00
507	62.6530	10.1250	0.000000E+00
508	63.8030	3.12500	0.000000E+00
509	63.8030	6.62500	0.000000E+00
510	63.8030	10.1250	0.000000E+00
511	64.0785	0.000000E+00	0.000000E+00
512	64.0785	0.750000	0.000000E+00
513	63.9118	2.12500	0.000000E+00
514	63.9118	5.62500	0.000000E+00
515	64.0785	9.12500	0.000000E+00
516	64.0785	10.5000	0.000000E+00
517	67.5040	9.12500	-1.00000
518	67.5040	9.12500	0.000000E+00
519	65.0785	3.12500	0.000000E+00
520	67.5040	10.5000	0.000000E+00
521	67.5040	5.62500	0.000000E+00
522	67.5040	11.2500	0.000000E+00
523	65.0785	6.62500	0.000000E+00
524	65.0785	10.1250	0.000000E+00
525	66.5040	0.000000E+00	0.000000E+00
526	69.9295	2.12500	0.000000E+00
527	66.5040	0.750000	0.000000E+00
528	69.9295	9.12500	0.000000E+00
529	67.5040	5.62500	-1.00000
530	66.3373	2.12500	-1.00000
531	66.3373	2.12500	0.000000E+00
532	72.3550	0.000000E+00	0.000000E+00
533	66.3373	5.62500	-1.00000
534	72.3550	0.750000	0.000000E+00
535	66.3373	5.62500	0.000000E+00
536	72.3550	2.12500	-1.00000
537	72.3550	2.12500	0.000000E+00
538	66.5040	9.12500	0.000000E+00
539	66.5040	10.5000	0.000000E+00
540	67.5040	3.12500	0.000000E+00
541	67.5040	6.62500	0.000000E+00
542	67.5040	10.1250	0.000000E+00
543	68.9295	0.000000E+00	0.000000E+00
544	68.9295	0.750000	0.000000E+00
545	68.7628	2.12500	0.000000E+00
546	68.7628	5.62500	0.000000E+00
547	68.9295	9.12500	0.000000E+00
548	72.3550	9.12500	-1.00000
549	72.3550	9.12500	0.000000E+00
550	68.9295	10.5000	0.000000E+00
551	72.3550	10.5000	0.000000E+00
552	69.9295	3.12500	0.000000E+00
553	72.3550	11.2500	0.000000E+00

554	72.3550	5.62500	0.000000E+00
555	69.9295	6.62500	0.000000E+00
556	69.9295	10.1250	0.000000E+00
557	74.7805	2.12500	0.000000E+00
558	71.3550	0.000000E+00	0.000000E+00
559	74.7805	9.12500	0.000000E+00
560	71.3550	0.750000	0.000000E+00
561	72.3550	5.62500	-1.00000
562	71.1883	2.12500	-1.00000
563	76.0550	2.12500	0.000000E+00
564	71.1883	2.12500	0.000000E+00
565	76.0550	9.12500	0.000000E+00
566	71.1883	5.62500	-1.00000
567	71.1883	5.62500	0.000000E+00
568	71.3550	9.12500	0.000000E+00
569	77.2060	0.000000E+00	0.000000E+00
570	71.3550	10.5000	0.000000E+00
571	77.2060	0.750000	0.000000E+00
572	72.3550	3.12500	0.000000E+00
573	77.2060	2.12500	-1.00000
574	77.2060	2.12500	0.000000E+00
575	72.3550	6.62500	0.000000E+00
576	72.3550	10.1250	0.000000E+00
577	73.7805	0.000000E+00	0.000000E+00
578	73.7805	0.750000	0.000000E+00
579	73.6138	2.12500	0.000000E+00
580	73.6138	5.62500	0.000000E+00
581	73.7805	9.12500	0.000000E+00
582	73.7805	10.5000	0.000000E+00
583	74.7805	3.12500	0.000000E+00
584	74.7805	6.62500	0.000000E+00
585	77.2060	9.12500	-1.00000
586	77.2060	9.12500	0.000000E+00
587	74.7805	10.1250	0.000000E+00
588	77.2060	10.5000	0.000000E+00
589	76.0550	3.12500	0.000000E+00
590	77.2060	11.2500	0.000000E+00
591	77.2060	5.62500	0.000000E+00
592	76.0550	6.62500	0.000000E+00
593	76.0550	10.1250	0.000000E+00
594	79.6315	2.12500	0.000000E+00
595	76.2060	0.000000E+00	0.000000E+00
596	79.6315	9.12500	0.000000E+00
597	76.2060	0.750000	0.000000E+00
598	77.2060	5.62500	-1.00000
599	76.0393	2.12500	-1.00000
600	82.0570	0.000000E+00	0.000000E+00
601	76.0393	2.12500	0.000000E+00
602	82.0570	0.750000	0.000000E+00
603	76.0393	5.62500	-1.00000
604	1.50000	2.12500	-2.50000
605	0.500000	3.12500	-2.50000
606	82.0570	2.12500	-1.00000
607	82.0570	2.12500	0.000000E+00
608	76.0393	5.62500	0.000000E+00
609	76.2060	9.12500	0.000000E+00
610	76.2060	10.5000	0.000000E+00
611	77.2060	3.12500	0.000000E+00
612	1.50000	9.12500	-2.50000
613	0.500000	10.1250	-2.50000
614	77.2060	6.62500	0.000000E+00
615	77.2060	10.1250	0.000000E+00
616	78.6315	0.000000E+00	0.000000E+00
617	78.6315	0.750000	0.000000E+00
618	78.4648	2.12500	0.000000E+00
619	78.4648	5.62500	0.000000E+00
620	34.5470	2.12500	-2.50000
621	33.5470	3.12500	-2.50000
622	82.0570	9.12500	-1.00000
623	82.0570	9.12500	0.000000E+00
624	78.6315	9.12500	0.000000E+00
625	82.0570	10.5000	0.000000E+00
626	78.6315	10.5000	0.000000E+00
627	82.0570	11.2500	0.000000E+00
628	79.6315	3.12500	0.000000E+00
629	82.0570	5.62500	0.000000E+00
630	79.6315	6.62500	0.000000E+00
631	84.4835	2.12500	0.000000E+00
632	79.6315	10.1250	0.000000E+00
633	84.4835	9.12500	0.000000E+00
634	81.0570	0.000000E+00	0.000000E+00
635	81.0570	0.750000	0.000000E+00
636	82.0570	5.62500	-1.00000
637	86.9100	0.000000E+00	0.000000E+00
638	80.8903	2.12500	-1.00000
639	86.9100	0.750000	0.000000E+00
640	80.8903	2.12500	0.000000E+00
641	86.9100	2.12500	-1.00000
642	86.9100	2.12500	0.000000E+00
643	80.8903	5.62500	-1.00000
644	80.8903	5.62500	0.000000E+00
645	81.0570	9.12500	0.000000E+00
646	81.0570	10.5000	0.000000E+00
647	82.0570	3.12500	0.000000E+00
648	82.0570	6.62500	0.000000E+00
649	82.0570	10.1250	0.000000E+00
650	83.4835	0.000000E+00	0.000000E+00
651	83.4835	0.750000	0.000000E+00
652	83.3168	2.12500	0.000000E+00
653	86.9100	9.12500	-1.00000
654	86.9100	9.12500	0.000000E+00
655	83.3168	5.62500	0.000000E+00
656	86.9100	10.5000	0.000000E+00
657	83.4835	9.12500	0.000000E+00
658	86.9100	11.2500	0.000000E+00



659	83.4835	10.5000	0.000000E+00
660	84.4835	3.12500	0.000000E+00
661	86.9100	5.62500	0.000000E+00
662	88.0610	2.12500	0.000000E+00
663	84.4835	6.62500	0.000000E+00
664	88.0610	9.12500	0.000000E+00
665	84.4835	10.1250	0.000000E+00
666	85.9100	0.000000E+00	0.000000E+00
667	85.9100	0.750000	0.000000E+00
668	89.3365	2.12500	0.000000E+00
669	86.9100	5.62500	-1.00000
670	89.3365	9.12500	0.000000E+00
671	85.7433	2.12500	-1.00000
672	85.7433	2.12500	0.000000E+00
673	85.7433	5.62500	-1.00000
674	91.7630	0.000000E+00	0.000000E+00
675	85.7433	5.62500	0.000000E+00
676	91.7630	0.750000	0.000000E+00
677	85.9100	9.12500	0.000000E+00
678	91.7630	2.12500	-1.00000
679	91.7630	2.12500	0.000000E+00
680	85.9100	10.5000	0.000000E+00
681	86.9100	3.12500	0.000000E+00
682	86.9100	6.62500	0.000000E+00
683	86.9100	10.1250	0.000000E+00
684	88.0610	3.12500	0.000000E+00
685	88.0610	6.62500	0.000000E+00
686	88.0610	10.1250	0.000000E+00
687	88.3365	0.000000E+00	0.000000E+00
688	88.3365	0.750000	0.000000E+00
689	88.1698	2.12500	0.000000E+00
690	91.7630	9.12500	-1.00000
691	91.7630	9.12500	0.000000E+00
692	88.1698	5.62500	0.000000E+00
693	91.7630	10.5000	0.000000E+00
694	88.3365	9.12500	0.000000E+00
695	91.7630	11.2500	0.000000E+00
696	88.3365	10.5000	0.000000E+00
697	89.3365	3.12500	0.000000E+00
698	91.7630	5.62500	0.000000E+00
699	94.1895	2.12500	0.000000E+00
700	89.3365	6.62500	0.000000E+00
701	94.1895	9.12500	0.000000E+00
702	89.3365	10.1250	0.000000E+00
703	90.7630	0.000000E+00	0.000000E+00
704	90.7630	0.750000	0.000000E+00
705	96.6160	0.000000E+00	0.000000E+00
706	91.7630	5.62500	-1.00000
707	96.6160	0.750000	0.000000E+00
708	90.5963	2.12500	-1.00000
709	96.6160	2.12500	-1.00000
710	96.6160	2.12500	0.000000E+00
711	90.5963	2.12500	0.000000E+00
712	90.5963	5.62500	-1.00000
713	90.5963	5.62500	0.000000E+00
714	90.7630	9.12500	0.000000E+00
715	90.7630	10.5000	0.000000E+00
716	91.7630	3.12500	0.000000E+00
717	91.7630	6.62500	0.000000E+00
718	91.7630	10.1250	0.000000E+00
719	93.1895	0.000000E+00	0.000000E+00
720	93.1895	0.750000	0.000000E+00
721	96.6160	9.12500	-1.00000
722	96.6160	9.12500	0.000000E+00
723	93.0228	2.12500	0.000000E+00
724	96.6160	10.5000	0.000000E+00
725	93.0228	5.62500	0.000000E+00
726	96.6160	11.2500	0.000000E+00
727	93.1895	9.12500	0.000000E+00
728	93.1895	10.5000	0.000000E+00
729	94.1895	3.12500	0.000000E+00
730	99.0425	2.12500	0.000000E+00
731	96.6160	5.62500	0.000000E+00
732	99.0425	9.12500	0.000000E+00
733	94.1895	6.62500	0.000000E+00
734	94.1895	10.1250	0.000000E+00
735	95.6160	0.000000E+00	0.000000E+00
736	100.318	2.12500	0.000000E+00
737	95.6160	0.750000	0.000000E+00
738	100.318	9.12500	0.000000E+00
739	96.6160	5.62500	-1.00000
740	95.4493	2.12500	-1.00000
741	95.4493	2.12500	0.000000E+00
742	101.469	0.000000E+00	0.000000E+00
743	95.4493	5.62500	-1.00000
744	101.469	0.750000	0.000000E+00
745	95.4493	5.62500	0.000000E+00
746	101.469	2.12500	-1.00000
747	101.469	2.12500	0.000000E+00
748	95.6160	9.12500	0.000000E+00
749	95.6160	10.5000	0.000000E+00
750	96.6160	3.12500	0.000000E+00
751	96.6160	6.62500	0.000000E+00
752	96.6160	10.1250	0.000000E+00
753	98.0425	0.000000E+00	0.000000E+00
754	98.0425	0.750000	0.000000E+00
755	97.8758	2.12500	0.000000E+00
756	97.8758	5.62500	0.000000E+00
757	98.0425	9.12500	0.000000E+00
758	101.469	9.12500	-1.00000
759	101.469	9.12500	0.000000E+00
760	98.0425	10.5000	0.000000E+00
761	101.469	10.5000	0.000000E+00
762	99.0425	3.12500	0.000000E+00
763	101.469	11.2500	0.000000E+00

764	99.0425	6.62500	0.000000E+00
765	99.0425	10.1250	0.000000E+00
766	100.318	3.12500	0.000000E+00
767	103.896	2.12500	0.000000E+00
768	101.469	5.62500	0.000000E+00
769	103.896	9.12500	0.000000E+00
770	100.318	6.62500	0.000000E+00
771	100.318	10.1250	0.000000E+00
772	100.469	0.000000E+00	0.000000E+00
773	106.322	0.000000E+00	0.000000E+00
774	100.469	0.750000	0.000000E+00
775	106.322	0.750000	0.000000E+00
776	101.469	5.62500	-1.00000
777	106.322	2.12500	-1.00000
778	106.322	2.12500	0.000000E+00
779	100.302	2.12500	-1.00000
780	100.302	2.12500	0.000000E+00
781	100.302	5.62500	-1.00000
782	100.302	5.62500	0.000000E+00
783	100.469	9.12500	0.000000E+00
784	100.469	10.5000	0.000000E+00
785	101.469	3.12500	0.000000E+00
786	101.469	6.62500	0.000000E+00
787	101.469	10.1250	0.000000E+00
788	102.896	0.000000E+00	0.000000E+00
789	106.322	9.12500	-1.00000
790	106.322	9.12500	0.000000E+00
791	102.896	0.750000	0.000000E+00
792	106.322	10.5000	0.000000E+00
793	102.729	2.12500	0.000000E+00
794	106.322	11.2500	0.000000E+00
795	102.729	5.62500	0.000000E+00
796	102.896	9.12500	0.000000E+00
797	102.896	10.5000	0.000000E+00
798	108.749	2.12500	0.000000E+00
799	103.896	3.12500	0.000000E+00
800	108.749	9.12500	0.000000E+00
801	106.322	5.62500	0.000000E+00
802	103.896	6.62500	0.000000E+00
803	103.896	10.1250	0.000000E+00
804	111.175	0.000000E+00	0.000000E+00
805	105.322	0.000000E+00	0.000000E+00
806	111.175	0.750000	0.000000E+00
807	105.322	0.750000	0.000000E+00
808	111.175	2.12500	-1.00000
809	111.175	2.12500	0.000000E+00
810	106.322	5.62500	-1.00000
811	105.155	2.12500	-1.00000
812	105.155	2.12500	0.000000E+00
813	105.155	5.62500	-1.00000
814	105.155	5.62500	0.000000E+00
815	105.322	9.12500	0.000000E+00
816	105.322	10.5000	0.000000E+00
817	106.322	3.12500	0.000000E+00
818	106.322	6.62500	0.000000E+00
819	106.322	10.1250	0.000000E+00
820	111.175	9.12500	-1.00000
821	111.175	9.12500	0.000000E+00
822	107.749	0.000000E+00	0.000000E+00
823	111.175	10.5000	0.000000E+00
824	107.749	0.750000	0.000000E+00
825	111.175	11.2500	0.000000E+00
826	107.582	2.12500	0.000000E+00
827	107.582	5.62500	0.000000E+00
828	107.749	9.12500	0.000000E+00
829	112.325	2.12500	0.000000E+00
830	107.749	10.5000	0.000000E+00
831	112.325	9.12500	0.000000E+00
832	108.749	3.12500	0.000000E+00
833	111.175	5.62500	0.000000E+00
834	108.749	6.62500	0.000000E+00
835	113.602	2.12500	0.000000E+00
836	108.749	10.1250	0.000000E+00
837	113.602	9.12500	0.000000E+00
838	110.175	0.000000E+00	0.000000E+00
839	110.175	0.750000	0.000000E+00
840	111.175	5.62500	-1.00000
841	116.028	0.000000E+00	0.000000E+00
842	110.008	2.12500	-1.00000
843	116.028	0.750000	0.000000E+00
844	110.008	2.12500	0.000000E+00
845	116.028	2.12500	-1.00000
846	116.028	2.12500	0.000000E+00
847	110.008	5.62500	-1.00000
848	110.008	5.62500	0.000000E+00
849	110.175	9.12500	0.000000E+00
850	110.175	10.5000	0.000000E+00
851	111.175	3.12500	0.000000E+00
852	111.175	6.62500	0.000000E+00
853	111.175	10.1250	0.000000E+00
854	112.325	3.12500	0.000000E+00
855	112.325	6.62500	0.000000E+00
856	112.325	10.1250	0.000000E+00
857	116.028	9.12500	-1.00000
858	116.028	9.12500	0.000000E+00
859	112.602	0.000000E+00	0.000000E+00
860	116.028	10.5000	0.000000E+00
861	112.602	0.750000	0.000000E+00
862	116.028	11.2500	0.000000E+00
863	112.435	2.12500	0.000000E+00
864	112.435	5.62500	0.000000E+00
865	112.602	9.12500	0.000000E+00
866	118.455	2.12500	0.000000E+00
867	112.602	10.5000	0.000000E+00
868	118.455	9.12500	0.000000E+00

869	113.602	3.12500	0.000000E+00
870	116.028	5.62500	0.000000E+00
871	113.602	6.62500	0.000000E+00
872	120.881	0.000000E+00	0.000000E+00
873	113.602	10.1250	0.000000E+00
874	120.881	0.750000	0.000000E+00
875	115.028	0.000000E+00	0.000000E+00
876	120.881	2.12500	-1.00000
877	120.881	2.12500	0.000000E+00
878	115.028	0.750000	0.000000E+00
879	116.028	5.62500	-1.00000
880	114.861	2.12500	-1.00000
881	114.861	2.12500	0.000000E+00
882	114.861	5.62500	-1.00000
883	114.861	5.62500	0.000000E+00
884	115.028	9.12500	0.000000E+00
885	115.028	10.5000	0.000000E+00
886	116.028	3.12500	0.000000E+00
887	116.028	6.62500	0.000000E+00
888	120.881	9.12500	-1.00000
889	120.881	9.12500	0.000000E+00
890	116.028	10.1250	0.000000E+00
891	120.881	10.5000	0.000000E+00
892	117.455	0.000000E+00	0.000000E+00
893	120.881	11.2500	0.000000E+00
894	117.455	0.750000	0.000000E+00
895	117.288	2.12500	0.000000E+00
896	117.288	5.62500	0.000000E+00
897	123.307	2.12500	0.000000E+00
898	117.455	9.12500	0.000000E+00
899	123.307	9.12500	0.000000E+00
900	117.455	10.5000	0.000000E+00
901	118.455	3.12500	0.000000E+00
902	120.881	5.62500	0.000000E+00
903	124.582	2.12500	0.000000E+00
904	118.455	6.62500	0.000000E+00
905	124.582	9.12500	0.000000E+00
906	118.455	10.1250	0.000000E+00
907	119.881	0.000000E+00	0.000000E+00
908	119.881	0.750000	0.000000E+00
909	125.734	0.000000E+00	0.000000E+00
910	120.881	5.62500	-1.00000
911	125.734	0.750000	0.000000E+00
912	119.714	2.12500	-1.00000
913	125.734	2.12500	-1.00000
914	125.734	2.12500	0.000000E+00
915	119.714	2.12500	0.000000E+00
916	119.714	5.62500	-1.00000
917	119.714	5.62500	0.000000E+00
918	119.881	9.12500	0.000000E+00
919	119.881	10.5000	0.000000E+00
920	120.881	3.12500	0.000000E+00
921	120.881	6.62500	0.000000E+00
922	120.881	10.1250	0.000000E+00
923	122.307	0.000000E+00	0.000000E+00
924	122.307	0.750000	0.000000E+00
925	125.734	9.12500	-1.00000
926	125.734	9.12500	0.000000E+00
927	122.141	2.12500	0.000000E+00
928	125.734	10.5000	0.000000E+00
929	122.141	5.62500	0.000000E+00
930	125.734	11.2500	0.000000E+00
931	122.307	9.12500	0.000000E+00
932	122.307	10.5000	0.000000E+00
933	123.307	3.12500	0.000000E+00
934	128.160	2.12500	0.000000E+00
935	123.307	6.62500	0.000000E+00
936	128.160	9.12500	0.000000E+00
937	123.307	10.1250	0.000000E+00
938	124.582	3.12500	0.000000E+00
939	125.734	5.62500	0.000000E+00
940	130.587	0.000000E+00	0.000000E+00
941	124.582	6.62500	0.000000E+00
942	130.587	0.750000	0.000000E+00
943	124.582	10.1250	0.000000E+00
944	34.5470	9.12500	-2.50000
945	33.5470	10.1250	-2.50000
946	130.587	2.12500	-1.00000
947	130.587	2.12500	0.000000E+00
948	124.734	0.000000E+00	0.000000E+00
949	124.734	0.750000	0.000000E+00
950	125.734	5.62500	-1.00000
951	124.567	2.12500	-1.00000
952	83.0570	2.12500	-2.50000
953	82.0570	3.12500	-2.50000
954	124.567	2.12500	0.000000E+00
955	124.567	5.62500	-1.00000
956	124.567	5.62500	0.000000E+00
957	124.734	9.12500	0.000000E+00
958	124.734	10.5000	0.000000E+00
959	125.734	3.12500	0.000000E+00
960	83.0570	9.12500	-2.50000
961	82.0570	10.1250	-2.50000
962	130.587	9.12500	-1.00000
963	130.587	9.12500	0.000000E+00
964	125.734	6.62500	0.000000E+00
965	130.587	10.5000	0.000000E+00
966	125.734	10.1250	0.000000E+00
967	130.587	11.2500	0.000000E+00
968	127.160	0.000000E+00	0.000000E+00
969	127.160	0.750000	0.000000E+00
970	126.994	2.12500	0.000000E+00
971	133.015	2.12500	0.000000E+00
972	126.994	5.62500	0.000000E+00
973	133.015	9.12500	0.000000E+00

974	127.160	9.12500	0.000000E+00
975	127.160	10.5000	0.000000E+00
976	128.160	3.12500	0.000000E+00
977	135.442	0.000000E+00	0.000000E+00
978	130.587	5.62500	0.000000E+00
979	135.442	0.750000	0.000000E+00
980	128.160	6.62500	0.000000E+00
981	135.442	2.12500	-1.00000
982	135.442	2.12500	0.000000E+00
983	128.160	10.1250	0.000000E+00
984	129.587	0.000000E+00	0.000000E+00
985	129.587	0.750000	0.000000E+00
986	130.587	5.62500	-1.00000
987	129.420	2.12500	-1.00000
988	129.420	2.12500	0.000000E+00
989	129.420	5.62500	-1.00000
990	129.420	5.62500	0.000000E+00
991	129.587	9.12500	0.000000E+00
992	129.587	10.5000	0.000000E+00
993	135.442	9.12500	-1.00000
994	135.442	9.12500	0.000000E+00
995	130.587	3.12500	0.000000E+00
996	135.442	10.5000	0.000000E+00
997	130.587	6.62500	0.000000E+00
998	135.442	11.2500	0.000000E+00
999	130.587	10.1250	0.000000E+00
1000	132.014	0.000000E+00	0.000000E+00
1001	132.014	0.750000	0.000000E+00
1002	136.594	2.12500	0.000000E+00
1003	131.848	2.12500	0.000000E+00
1004	136.594	9.12500	0.000000E+00
1005	131.848	5.62500	0.000000E+00
1006	132.014	9.12500	0.000000E+00
1007	132.014	10.5000	0.000000E+00
1008	137.869	2.12500	0.000000E+00
1009	133.015	3.12500	0.000000E+00
1010	137.869	9.12500	0.000000E+00
1011	135.442	5.62500	0.000000E+00
1012	133.015	6.62500	0.000000E+00
1013	133.015	10.1250	0.000000E+00
1014	140.297	0.000000E+00	0.000000E+00
1015	134.442	0.000000E+00	0.000000E+00
1016	140.297	0.750000	0.000000E+00
1017	134.442	0.750000	0.000000E+00
1018	140.297	2.12500	-1.00000
1019	140.297	2.12500	0.000000E+00
1020	135.442	5.62500	-1.00000
1021	134.275	2.12500	-1.00000
1022	134.275	2.12500	0.000000E+00
1023	134.275	5.62500	-1.00000
1024	134.275	5.62500	0.000000E+00
1025	134.442	9.12500	0.000000E+00
1026	134.442	10.5000	0.000000E+00
1027	135.442	3.12500	0.000000E+00
1028	135.442	6.62500	0.000000E+00
1029	135.442	10.1250	0.000000E+00
1030	140.297	9.12500	-1.00000
1031	140.297	9.12500	0.000000E+00
1032	136.594	3.12500	0.000000E+00
1033	140.297	10.5000	0.000000E+00
1034	136.594	6.62500	0.000000E+00
1035	140.297	11.2500	0.000000E+00
1036	136.594	10.1250	0.000000E+00
1037	136.869	0.000000E+00	0.000000E+00
1038	136.869	0.750000	0.000000E+00
1039	142.724	2.12500	0.000000E+00
1040	136.703	2.12500	0.000000E+00
1041	142.724	9.12500	0.000000E+00
1042	136.703	5.62500	0.000000E+00
1043	136.869	9.12500	0.000000E+00
1044	136.869	10.5000	0.000000E+00
1045	145.152	0.000000E+00	0.000000E+00
1046	137.869	3.12500	0.000000E+00
1047	145.152	0.750000	0.000000E+00
1048	140.297	5.62500	0.000000E+00
1049	145.152	2.12500	-1.00000
1050	145.152	2.12500	0.000000E+00
1051	137.869	6.62500	0.000000E+00
1052	137.869	10.1250	0.000000E+00
1053	139.297	0.000000E+00	0.000000E+00
1054	139.297	0.750000	0.000000E+00
1055	140.297	5.62500	-1.00000
1056	139.130	2.12500	-1.00000
1057	139.130	2.12500	0.000000E+00
1058	139.130	5.62500	-1.00000
1059	139.130	5.62500	0.000000E+00
1060	139.297	9.12500	0.000000E+00
1061	145.152	9.12500	-1.00000
1062	145.152	9.12500	0.000000E+00
1063	139.297	10.5000	0.000000E+00
1064	145.152	10.5000	0.000000E+00
1065	140.297	3.12500	0.000000E+00
1066	145.152	11.2500	0.000000E+00
1067	140.297	6.62500	0.000000E+00
1068	140.297	10.1250	0.000000E+00
1069	141.724	0.000000E+00	0.000000E+00
1070	147.579	2.12500	0.000000E+00
1071	141.724	0.750000	0.000000E+00
1072	147.579	9.12500	0.000000E+00
1073	141.558	2.12500	0.000000E+00
1074	141.558	5.62500	0.000000E+00
1075	141.724	9.12500	0.000000E+00
1076	148.856	2.12500	0.000000E+00
1077	141.724	10.5000	0.000000E+00
1078	148.856	9.12500	0.000000E+00

1079	142.724	3.12500	0.000000E+00
1080	145.152	5.62500	0.000000E+00
1081	142.724	6.62500	0.000000E+00
1082	150.007	0.000000E+00	0.000000E+00
1083	142.724	10.12500	0.000000E+00
1084	150.007	0.750000	0.000000E+00
1085	144.152	0.000000E+00	0.000000E+00
1086	150.007	2.12500	-1.000000
1087	150.007	2.12500	0.000000E+00
1088	144.152	0.750000	0.000000E+00
1089	145.152	5.62500	-1.000000
1090	143.985	2.12500	-1.000000
1091	143.985	2.12500	0.000000E+00
1092	143.985	5.62500	-1.000000
1093	143.985	5.62500	0.000000E+00
1094	144.152	9.12500	0.000000E+00
1095	144.152	10.50000	0.000000E+00
1096	145.152	3.12500	0.000000E+00
1097	145.152	6.62500	0.000000E+00
1098	150.007	9.12500	-1.000000
1099	150.007	9.12500	0.000000E+00
1100	145.152	10.12500	0.000000E+00
1101	150.007	10.50000	0.000000E+00
1102	146.579	0.000000E+00	0.000000E+00
1103	150.007	11.25000	0.000000E+00
1104	146.579	0.750000	0.000000E+00
1105	146.413	2.12500	0.000000E+00
1106	146.413	5.62500	0.000000E+00
1107	152.435	2.12500	0.000000E+00
1108	146.579	9.12500	0.000000E+00
1109	152.435	9.12500	0.000000E+00
1110	146.579	10.50000	0.000000E+00
1111	147.579	3.12500	0.000000E+00
1112	147.579	6.62500	0.000000E+00
1113	154.862	0.000000E+00	0.000000E+00
1114	147.579	10.12500	0.000000E+00
1115	154.862	0.750000	0.000000E+00
1116	148.856	3.12500	0.000000E+00
1117	154.862	2.12500	-1.000000
1118	154.862	2.12500	0.000000E+00
1119	150.007	5.62500	0.000000E+00
1120	148.856	6.62500	0.000000E+00
1121	148.856	10.12500	0.000000E+00
1122	149.007	0.000000E+00	0.000000E+00
1123	149.007	0.750000	0.000000E+00
1124	150.007	5.62500	-1.000000
1125	148.840	2.12500	-1.000000
1126	148.840	2.12500	0.000000E+00
1127	148.840	5.62500	-1.000000
1128	148.840	5.62500	0.000000E+00
1129	154.862	9.12500	-1.000000
1130	154.862	9.12500	0.000000E+00
1131	149.007	9.12500	0.000000E+00
1132	154.862	10.50000	0.000000E+00
1133	149.007	10.50000	0.000000E+00
1134	154.862	11.25000	0.000000E+00
1135	150.007	3.12500	0.000000E+00
1136	150.007	6.62500	0.000000E+00
1137	150.007	10.12500	0.000000E+00
1138	157.290	2.12500	0.000000E+00
1139	151.435	0.000000E+00	0.000000E+00
1140	157.290	9.12500	0.000000E+00
1141	151.435	0.750000	0.000000E+00
1142	151.268	2.12500	0.000000E+00
1143	151.268	5.62500	0.000000E+00
1144	159.717	0.000000E+00	0.000000E+00
1145	151.435	9.12500	0.000000E+00
1146	159.717	0.750000	0.000000E+00
1147	151.435	10.50000	0.000000E+00
1148	159.717	2.12500	-1.000000
1149	159.717	2.12500	0.000000E+00
1150	152.435	3.12500	0.000000E+00
1151	154.862	5.62500	0.000000E+00
1152	152.435	6.62500	0.000000E+00
1153	152.435	10.12500	0.000000E+00
1154	153.862	0.000000E+00	0.000000E+00
1155	153.862	0.750000	0.000000E+00
1156	154.862	5.62500	-1.000000
1157	153.695	2.12500	-1.000000
1158	153.695	2.12500	0.000000E+00
1159	153.695	5.62500	-1.000000
1160	159.717	9.12500	-1.000000
1161	159.717	9.12500	0.000000E+00
1162	153.695	5.62500	0.000000E+00
1163	159.717	10.50000	0.000000E+00
1164	153.862	9.12500	0.000000E+00
1165	159.717	11.25000	0.000000E+00
1166	153.862	10.50000	0.000000E+00
1167	154.862	3.12500	0.000000E+00
1168	154.862	6.62500	0.000000E+00
1169	160.868	2.12500	0.000000E+00
1170	154.862	10.12500	0.000000E+00
1171	160.868	9.12500	0.000000E+00
1172	156.290	0.000000E+00	0.000000E+00
1173	156.290	0.750000	0.000000E+00
1174	156.123	2.12500	0.000000E+00
1175	162.144	2.12500	0.000000E+00
1176	156.123	5.62500	0.000000E+00
1177	162.144	9.12500	0.000000E+00
1178	156.290	9.12500	0.000000E+00
1179	156.290	10.50000	0.000000E+00
1180	157.290	3.12500	0.000000E+00
1181	164.572	0.000000E+00	0.000000E+00
1182	159.717	5.62500	0.000000E+00
1183	164.572	0.750000	0.000000E+00

1184	157.290	6.62500	0.000000E+00
1185	164.572	2.12500	-1.00000
1186	164.572	2.12500	0.000000E+00
1187	157.290	10.1250	0.000000E+00
1188	158.717	0.000000E+00	0.000000E+00
1189	158.717	0.750000	0.000000E+00
1190	159.717	5.62500	-1.00000
1191	158.550	2.12500	-1.00000
1192	158.550	2.12500	0.000000E+00
1193	158.550	5.62500	-1.00000
1194	158.550	5.62500	0.000000E+00
1195	158.717	9.12500	0.000000E+00
1196	158.717	10.5000	0.000000E+00
1197	164.572	9.12500	-1.00000
1198	164.572	9.12500	0.000000E+00
1199	159.717	3.12500	0.000000E+00
1200	164.572	10.5000	0.000000E+00
1201	159.717	6.62500	0.000000E+00
1202	164.572	11.2500	0.000000E+00
1203	159.717	10.1250	0.000000E+00
1204	160.868	3.12500	0.000000E+00
1205	160.868	6.62500	0.000000E+00
1206	166.999	2.12500	0.000000E+00
1207	160.868	10.1250	0.000000E+00
1208	166.999	9.12500	0.000000E+00
1209	161.144	0.000000E+00	0.000000E+00
1210	161.144	0.750000	0.000000E+00
1211	160.978	2.12500	0.000000E+00
1212	169.427	0.000000E+00	0.000000E+00
1213	160.978	5.62500	0.000000E+00
1214	169.427	0.750000	0.000000E+00
1215	161.144	9.12500	0.000000E+00
1216	169.427	2.12500	-1.00000
1217	169.427	2.12500	0.000000E+00
1218	161.144	10.5000	0.000000E+00
1219	162.144	3.12500	0.000000E+00
1220	164.572	5.62500	0.000000E+00
1221	162.144	6.62500	0.000000E+00
1222	162.144	10.1250	0.000000E+00
1223	163.572	0.000000E+00	0.000000E+00
1224	163.572	0.750000	0.000000E+00
1225	164.572	5.62500	-1.00000
1226	163.405	2.12500	-1.00000
1227	163.405	2.12500	0.000000E+00
1228	169.427	9.12500	-1.00000
1229	169.427	9.12500	0.000000E+00
1230	163.405	5.62500	-1.00000
1231	169.427	10.5000	0.000000E+00
1232	163.405	5.62500	0.000000E+00
1233	169.427	11.2500	0.000000E+00
1234	163.572	9.12500	0.000000E+00
1235	163.572	10.5000	0.000000E+00
1236	164.572	3.12500	0.000000E+00
1237	171.855	2.12500	0.000000E+00
1238	164.572	6.62500	0.000000E+00
1239	171.855	9.12500	0.000000E+00
1240	164.572	10.1250	0.000000E+00
1241	165.999	0.000000E+00	0.000000E+00
1242	165.999	0.750000	0.000000E+00
1243	173.130	2.12500	0.000000E+00
1244	165.833	2.12500	0.000000E+00
1245	173.130	9.12500	0.000000E+00
1246	165.833	5.62500	0.000000E+00
1247	165.999	9.12500	0.000000E+00
1248	165.999	10.5000	0.000000E+00
1249	174.282	0.000000E+00	0.000000E+00
1250	166.999	3.12500	0.000000E+00
1251	174.282	0.750000	0.000000E+00
1252	169.427	5.62500	0.000000E+00
1253	174.282	2.12500	-1.00000
1254	174.282	2.12500	0.000000E+00
1255	166.999	6.62500	0.000000E+00
1256	166.999	10.1250	0.000000E+00
1257	168.427	0.000000E+00	0.000000E+00
1258	168.427	0.750000	0.000000E+00
1259	169.427	5.62500	-1.00000
1260	168.260	2.12500	-1.00000
1261	168.260	2.12500	0.000000E+00
1262	168.260	5.62500	-1.00000
1263	168.260	5.62500	0.000000E+00
1264	168.427	9.12500	0.000000E+00
1265	174.282	9.12500	-1.00000
1266	174.282	9.12500	0.000000E+00
1267	168.427	10.5000	0.000000E+00
1268	174.282	10.5000	0.000000E+00
1269	169.427	3.12500	0.000000E+00
1270	174.282	11.2500	0.000000E+00
1271	169.427	6.62500	0.000000E+00
1272	169.427	10.1250	0.000000E+00
1273	170.855	0.000000E+00	0.000000E+00
1274	176.710	2.12500	0.000000E+00
1275	170.855	0.750000	0.000000E+00
1276	176.710	9.12500	0.000000E+00
1277	170.688	2.12500	0.000000E+00
1278	170.688	5.62500	0.000000E+00
1279	170.855	9.12500	0.000000E+00
1280	179.137	0.000000E+00	0.000000E+00
1281	170.855	10.5000	0.000000E+00
1282	179.137	0.750000	0.000000E+00
1283	171.855	3.12500	0.000000E+00
1284	131.587	2.12500	-2.50000
1285	130.587	3.12500	-2.50000
1286	179.137	2.12500	-1.00000
1287	179.137	2.12500	0.000000E+00
1288	171.855	6.62500	0.000000E+00

1289	171.855	10.1250	0.000000E+00
1290	173.130	3.12500	0.000000E+00
1291	174.282	5.62500	0.000000E+00
1292	131.587	9.12500	-2.50000
1293	130.587	10.1250	-2.50000
1294	173.130	6.62500	0.000000E+00
1295	173.130	10.1250	0.000000E+00
1296	173.282	0.000000E+00	0.000000E+00
1297	173.282	0.750000	0.000000E+00
1298	174.282	5.62500	-1.00000
1299	173.115	2.12500	-1.00000
1300	180.137	2.12500	-2.50000
1301	179.137	3.12500	-2.50000
1302	179.137	9.12500	-1.00000
1303	179.137	9.12500	0.000000E+00
1304	173.115	2.12500	0.000000E+00
1305	179.137	10.5000	0.000000E+00
1306	173.115	5.62500	-1.00000
1307	179.137	11.2500	0.000000E+00
1308	173.115	5.62500	0.000000E+00
1309	173.282	9.12500	0.000000E+00
1310	173.282	10.5000	0.000000E+00
1311	181.566	2.12500	0.000000E+00
1312	174.282	3.12500	0.000000E+00
1313	181.566	9.12500	0.000000E+00
1314	174.282	6.62500	0.000000E+00
1315	174.282	10.1250	0.000000E+00
1316	175.710	0.000000E+00	0.000000E+00
1317	183.994	0.000000E+00	0.000000E+00
1318	175.710	0.750000	0.000000E+00
1319	183.994	0.750000	0.000000E+00
1320	175.543	2.12500	0.000000E+00
1321	183.994	2.12500	-1.00000
1322	183.994	2.12500	0.000000E+00
1323	175.543	5.62500	0.000000E+00
1324	175.710	9.12500	0.000000E+00
1325	175.710	10.5000	0.000000E+00
1326	176.710	3.12500	0.000000E+00
1327	179.137	5.62500	0.000000E+00
1328	176.710	6.62500	0.000000E+00
1329	176.710	10.1250	0.000000E+00
1330	178.137	0.000000E+00	0.000000E+00
1331	178.137	0.750000	0.000000E+00
1332	179.137	5.62500	-1.00000
1333	183.994	9.12500	-1.00000
1334	183.994	9.12500	0.000000E+00
1335	177.970	2.12500	-1.00000
1336	183.994	10.5000	0.000000E+00
1337	177.970	2.12500	0.000000E+00
1338	183.994	11.2500	0.000000E+00
1339	177.970	5.62500	-1.00000
1340	177.970	5.62500	0.000000E+00
1341	178.137	9.12500	0.000000E+00
1342	185.147	2.12500	0.000000E+00
1343	178.137	10.5000	0.000000E+00
1344	185.147	9.12500	0.000000E+00
1345	179.137	3.12500	0.000000E+00
1346	179.137	6.62500	0.000000E+00
1347	179.137	10.1250	0.000000E+00
1348	186.423	2.12500	0.000000E+00
1349	180.566	0.000000E+00	0.000000E+00
1350	186.423	9.12500	0.000000E+00
1351	180.566	0.750000	0.000000E+00
1352	180.399	2.12500	0.000000E+00
1353	180.399	5.62500	0.000000E+00
1354	188.851	0.000000E+00	0.000000E+00
1355	180.566	9.12500	0.000000E+00
1356	188.851	0.750000	0.000000E+00
1357	180.566	10.5000	0.000000E+00
1358	188.851	2.12500	-1.00000
1359	188.851	2.12500	0.000000E+00
1360	181.566	3.12500	0.000000E+00
1361	183.994	5.62500	0.000000E+00
1362	181.566	6.62500	0.000000E+00
1363	181.566	10.1250	0.000000E+00
1364	182.994	0.000000E+00	0.000000E+00
1365	182.994	0.750000	0.000000E+00
1366	183.994	5.62500	-1.00000
1367	182.827	2.12500	-1.00000
1368	182.827	2.12500	0.000000E+00
1369	182.827	5.62500	-1.00000
1370	188.851	9.12500	-1.00000
1371	188.851	9.12500	0.000000E+00
1372	182.827	5.62500	0.000000E+00
1373	188.851	10.5000	0.000000E+00
1374	182.994	9.12500	0.000000E+00
1375	188.851	11.2500	0.000000E+00
1376	182.994	10.5000	0.000000E+00
1377	183.994	3.12500	0.000000E+00
1378	183.994	6.62500	0.000000E+00
1379	191.279	2.12500	0.000000E+00
1380	183.994	10.1250	0.000000E+00
1381	191.279	9.12500	0.000000E+00
1382	185.147	3.12500	0.000000E+00
1383	185.147	6.62500	0.000000E+00
1384	185.147	10.1250	0.000000E+00
1385	193.708	0.000000E+00	0.000000E+00
1386	185.423	0.000000E+00	0.000000E+00
1387	193.708	0.750000	0.000000E+00
1388	185.423	0.750000	0.000000E+00
1389	193.708	2.12500	-1.00000
1390	193.708	2.12500	0.000000E+00
1391	185.256	2.12500	0.000000E+00
1392	185.256	5.62500	0.000000E+00
1393	185.423	9.12500	0.000000E+00

1394	185.423	10.5000	0.000000E+00
1395	186.423	3.12500	0.000000E+00
1396	188.851	5.62500	0.000000E+00
1397	186.423	6.62500	0.000000E+00
1398	186.423	10.1250	0.000000E+00
1399	187.851	0.000000E+00	0.000000E+00
1400	187.851	0.750000	0.000000E+00
1401	193.708	9.12500	-1.00000
1402	193.708	9.12500	0.000000E+00
1403	188.851	5.62500	-1.00000
1404	193.708	10.5000	0.000000E+00
1405	187.684	2.12500	-1.00000
1406	193.708	11.2500	0.000000E+00
1407	187.684	2.12500	0.000000E+00
1408	187.684	5.62500	-1.00000
1409	187.684	5.62500	0.000000E+00
1410	196.136	2.12500	0.000000E+00
1411	187.851	9.12500	0.000000E+00
1412	196.136	9.12500	0.000000E+00
1413	187.851	10.5000	0.000000E+00
1414	188.851	3.12500	0.000000E+00
1415	188.851	6.62500	0.000000E+00
1416	197.414	2.12500	0.000000E+00
1417	188.851	10.1250	0.000000E+00
1418	197.414	9.12500	0.000000E+00
1419	190.279	0.000000E+00	0.000000E+00
1420	190.279	0.750000	0.000000E+00
1421	190.113	2.12500	0.000000E+00
1422	198.565	0.000000E+00	0.000000E+00
1423	190.113	5.62500	0.000000E+00
1424	198.565	0.750000	0.000000E+00
1425	190.279	9.12500	0.000000E+00
1426	198.565	2.12500	-1.00000
1427	198.565	2.12500	0.000000E+00
1428	190.279	10.5000	0.000000E+00
1429	191.279	3.12500	0.000000E+00
1430	193.708	5.62500	0.000000E+00
1431	191.279	6.62500	0.000000E+00
1432	191.279	10.1250	0.000000E+00
1433	192.708	0.000000E+00	0.000000E+00
1434	192.708	0.750000	0.000000E+00
1435	193.708	5.62500	-1.00000
1436	192.541	2.12500	-1.00000
1437	192.541	2.12500	0.000000E+00
1438	198.565	9.12500	-1.00000
1439	198.565	9.12500	0.000000E+00
1440	192.541	5.62500	-1.00000
1441	198.565	10.5000	0.000000E+00
1442	192.541	5.62500	0.000000E+00
1443	198.565	11.2500	0.000000E+00
1444	192.708	9.12500	0.000000E+00
1445	192.708	10.5000	0.000000E+00
1446	193.708	3.12500	0.000000E+00
1447	200.994	2.12500	0.000000E+00
1448	193.708	6.62500	0.000000E+00
1449	200.994	9.12500	0.000000E+00
1450	193.708	10.1250	0.000000E+00
1451	195.136	0.000000E+00	0.000000E+00
1452	195.136	0.750000	0.000000E+00
1453	203.422	0.000000E+00	0.000000E+00
1454	194.970	2.12500	0.000000E+00
1455	203.422	0.750000	0.000000E+00
1456	194.970	5.62500	0.000000E+00
1457	203.422	2.12500	-1.00000
1458	203.422	2.12500	0.000000E+00
1459	195.136	9.12500	0.000000E+00
1460	195.136	10.5000	0.000000E+00
1461	196.136	3.12500	0.000000E+00
1462	196.136	6.62500	0.000000E+00
1463	196.136	10.1250	0.000000E+00
1464	197.414	3.12500	0.000000E+00
1465	198.565	5.62500	0.000000E+00
1466	197.414	6.62500	0.000000E+00
1467	197.414	10.1250	0.000000E+00
1468	197.565	0.000000E+00	0.000000E+00
1469	203.422	9.12500	-1.00000
1470	203.422	9.12500	0.000000E+00
1471	197.565	0.750000	0.000000E+00
1472	203.422	10.5000	0.000000E+00
1473	198.565	5.62500	-1.00000
1474	203.422	11.2500	0.000000E+00
1475	197.398	2.12500	-1.00000
1476	197.398	2.12500	0.000000E+00
1477	197.398	5.62500	-1.00000
1478	205.850	2.12500	0.000000E+00
1479	197.398	5.62500	0.000000E+00
1480	205.850	9.12500	0.000000E+00
1481	197.565	9.12500	0.000000E+00
1482	197.565	10.5000	0.000000E+00
1483	198.565	3.12500	0.000000E+00
1484	208.279	0.000000E+00	0.000000E+00
1485	198.565	6.62500	0.000000E+00
1486	208.279	0.750000	0.000000E+00
1487	198.565	10.1250	0.000000E+00
1488	208.279	2.12500	-1.00000
1489	208.279	2.12500	0.000000E+00
1490	199.993	0.000000E+00	0.000000E+00
1491	199.993	0.750000	0.000000E+00
1492	199.827	2.12500	0.000000E+00
1493	199.827	5.62500	0.000000E+00
1494	199.993	9.12500	0.000000E+00
1495	199.993	10.5000	0.000000E+00
1496	200.994	3.12500	0.000000E+00
1497	203.422	5.62500	0.000000E+00
1498	200.994	6.62500	0.000000E+00



1499	200.994	10.1250	0.000000E+00
1500	208.279	9.12500	-1.00000
1501	208.279	9.12500	0.000000E+00
1502	202.422	0.000000E+00	0.000000E+00
1503	208.279	10.5000	0.000000E+00
1504	202.422	0.750000	0.000000E+00
1505	208.279	11.2500	0.000000E+00
1506	203.422	5.62500	-1.00000
1507	202.255	2.12500	-1.00000
1508	202.255	2.12500	0.000000E+00
1509	209.430	2.12500	0.000000E+00
1510	202.255	5.62500	-1.00000
1511	209.430	9.12500	0.000000E+00
1512	202.255	5.62500	0.000000E+00
1513	202.422	9.12500	0.000000E+00
1514	202.422	10.5000	0.000000E+00
1515	210.708	2.12500	0.000000E+00
1516	203.422	3.12500	0.000000E+00
1517	210.708	9.12500	0.000000E+00
1518	203.422	6.62500	0.000000E+00
1519	203.422	10.1250	0.000000E+00
1520	204.851	0.000000E+00	0.000000E+00
1521	213.136	0.000000E+00	0.000000E+00
1522	204.851	0.750000	0.000000E+00
1523	213.136	0.750000	0.000000E+00
1524	204.684	2.12500	0.000000E+00
1525	213.136	2.12500	-1.00000
1526	213.136	2.12500	0.000000E+00
1527	204.684	5.62500	0.000000E+00
1528	204.851	9.12500	0.000000E+00
1529	204.851	10.5000	0.000000E+00
1530	205.850	3.12500	0.000000E+00
1531	208.279	5.62500	0.000000E+00
1532	205.850	6.62500	0.000000E+00
1533	205.850	10.1250	0.000000E+00
1534	207.279	0.000000E+00	0.000000E+00
1535	207.279	0.750000	0.000000E+00
1536	208.279	5.62500	-1.00000
1537	213.136	9.12500	-1.00000
1538	213.136	9.12500	0.000000E+00
1539	207.112	2.12500	-1.00000
1540	213.136	10.5000	0.000000E+00
1541	207.112	2.12500	0.000000E+00
1542	213.136	11.2500	0.000000E+00
1543	207.112	5.62500	-1.00000
1544	207.112	5.62500	0.000000E+00
1545	207.279	9.12500	0.000000E+00
1546	215.564	2.12500	0.000000E+00
1547	207.279	10.5000	0.000000E+00
1548	215.564	9.12500	0.000000E+00
1549	208.279	3.12500	0.000000E+00
1550	208.279	6.62500	0.000000E+00
1551	208.279	10.1250	0.000000E+00
1552	217.993	0.000000E+00	0.000000E+00
1553	209.430	3.12500	0.000000E+00
1554	217.993	0.750000	0.000000E+00
1555	209.430	6.62500	0.000000E+00
1556	217.993	2.12500	-1.00000
1557	217.993	2.12500	0.000000E+00
1558	209.430	10.1250	0.000000E+00
1559	209.707	0.000000E+00	0.000000E+00
1560	209.707	0.750000	0.000000E+00
1561	209.541	2.12500	0.000000E+00
1562	209.541	5.62500	0.000000E+00
1563	209.707	9.12500	0.000000E+00
1564	209.707	10.5000	0.000000E+00
1565	210.708	3.12500	0.000000E+00
1566	213.136	5.62500	0.000000E+00
1567	210.708	6.62500	0.000000E+00
1568	217.993	9.12500	-1.00000
1569	217.993	9.12500	0.000000E+00
1570	210.708	10.1250	0.000000E+00
1571	217.993	10.5000	0.000000E+00
1572	212.136	0.000000E+00	0.000000E+00
1573	217.993	11.2500	0.000000E+00
1574	212.136	0.750000	0.000000E+00
1575	213.136	5.62500	-1.00000
1576	211.969	2.12500	-1.00000
1577	220.422	2.12500	0.000000E+00
1578	211.969	2.12500	0.000000E+00
1579	220.422	9.12500	0.000000E+00
1580	211.969	5.62500	-1.00000
1581	211.969	5.62500	0.000000E+00
1582	212.136	9.12500	0.000000E+00
1583	221.697	2.12500	0.000000E+00
1584	212.136	10.5000	0.000000E+00
1585	221.697	9.12500	0.000000E+00
1586	213.136	3.12500	0.000000E+00
1587	213.136	6.62500	0.000000E+00
1588	213.136	10.1250	0.000000E+00
1589	222.850	0.000000E+00	0.000000E+00
1590	214.564	0.000000E+00	0.000000E+00
1591	222.850	0.750000	0.000000E+00
1592	214.564	0.750000	0.000000E+00
1593	222.850	2.12500	-1.00000
1594	222.850	2.12500	0.000000E+00
1595	214.398	2.12500	0.000000E+00
1596	214.398	5.62500	0.000000E+00
1597	214.564	9.12500	0.000000E+00
1598	214.564	10.5000	0.000000E+00
1599	215.564	3.12500	0.000000E+00
1600	217.993	5.62500	0.000000E+00
1601	215.564	6.62500	0.000000E+00
1602	215.564	10.1250	0.000000E+00
1603	216.993	0.000000E+00	0.000000E+00

1604	216.993	0.750000	0.000000E+00
1605	222.850	9.12500	-1.00000
1606	222.850	9.12500	0.000000E+00
1607	217.993	5.62500	-1.00000
1608	222.850	10.5000	0.000000E+00
1609	216.826	2.12500	-1.00000
1610	222.850	11.2500	0.000000E+00
1611	216.826	2.12500	0.000000E+00
1612	216.826	5.62500	-1.00000
1613	216.826	5.62500	0.000000E+00
1614	225.278	2.12500	0.000000E+00
1615	216.993	9.12500	0.000000E+00
1616	225.278	9.12500	0.000000E+00
1617	216.993	10.5000	0.000000E+00
1618	217.993	3.12500	0.000000E+00
1619	217.993	6.62500	0.000000E+00
1620	227.707	0.000000E+00	0.000000E+00
1621	217.993	10.1250	0.000000E+00
1622	227.707	0.750000	0.000000E+00
1623	219.421	0.000000E+00	0.000000E+00
1624	180.137	9.12500	-2.50000
1625	179.137	10.1250	-2.50000
1626	227.707	2.12500	-1.00000
1627	227.707	2.12500	0.000000E+00
1628	219.421	0.750000	0.000000E+00
1629	219.255	2.12500	0.000000E+00
1630	219.255	5.62500	0.000000E+00
1631	219.421	9.12500	0.000000E+00
1632	228.707	2.12500	-2.50000
1633	227.707	3.12500	-2.50000
1634	219.421	10.5000	0.000000E+00
1635	220.422	3.12500	0.000000E+00
1636	220.422	6.62500	0.000000E+00
1637	220.422	10.1250	0.000000E+00
1638	221.697	3.12500	0.000000E+00
1639	222.850	5.62500	0.000000E+00
1640	228.707	9.12500	-2.50000
1641	227.707	10.1250	-2.50000
1642	227.707	9.12500	-1.00000
1643	227.707	9.12500	0.000000E+00
1644	221.697	6.62500	0.000000E+00
1645	227.707	10.5000	0.000000E+00
1646	221.697	10.1250	0.000000E+00
1647	227.707	11.2500	0.000000E+00
1648	221.850	0.000000E+00	0.000000E+00
1649	221.850	0.750000	0.000000E+00
1650	222.850	5.62500	-1.00000
1651	230.136	2.12500	0.000000E+00
1652	221.683	2.12500	-1.00000
1653	230.136	9.12500	0.000000E+00
1654	221.683	2.12500	0.000000E+00
1655	221.683	5.62500	-1.00000
1656	221.683	5.62500	0.000000E+00
1657	232.565	0.000000E+00	0.000000E+00
1658	221.850	9.12500	0.000000E+00
1659	232.565	0.750000	0.000000E+00
1660	221.850	10.5000	0.000000E+00
1661	232.565	2.12500	-1.00000
1662	232.565	2.12500	0.000000E+00
1663	222.850	3.12500	0.000000E+00
1664	222.850	6.62500	0.000000E+00
1665	222.850	10.1250	0.000000E+00
1666	224.279	0.000000E+00	0.000000E+00
1667	224.279	0.750000	0.000000E+00
1668	224.112	2.12500	0.000000E+00
1669	224.112	5.62500	0.000000E+00
1670	224.279	9.12500	0.000000E+00
1671	224.279	10.5000	0.000000E+00
1672	225.278	3.12500	0.000000E+00
1673	232.565	9.12500	-1.00000
1674	232.565	9.12500	0.000000E+00
1675	227.707	5.62500	0.000000E+00
1676	232.565	10.5000	0.000000E+00
1677	225.278	6.62500	0.000000E+00
1678	232.565	11.2500	0.000000E+00
1679	225.278	10.1250	0.000000E+00
1680	226.707	0.000000E+00	0.000000E+00
1681	226.707	0.750000	0.000000E+00
1682	233.716	2.12500	0.000000E+00
1683	227.707	5.62500	-1.00000
1684	233.716	9.12500	0.000000E+00
1685	226.540	2.12500	-1.00000
1686	226.540	2.12500	0.000000E+00
1687	226.540	5.62500	-1.00000
1688	234.994	2.12500	0.000000E+00
1689	226.540	5.62500	0.000000E+00
1690	234.994	9.12500	0.000000E+00
1691	226.707	9.12500	0.000000E+00
1692	226.707	10.5000	0.000000E+00
1693	227.707	3.12500	0.000000E+00
1694	237.423	0.000000E+00	0.000000E+00
1695	227.707	6.62500	0.000000E+00
1696	237.423	0.750000	0.000000E+00
1697	227.707	10.1250	0.000000E+00
1698	237.423	2.12500	-1.00000
1699	237.423	2.12500	0.000000E+00
1700	229.136	0.000000E+00	0.000000E+00
1701	229.136	0.750000	0.000000E+00
1702	228.969	2.12500	0.000000E+00
1703	228.969	5.62500	0.000000E+00
1704	229.136	9.12500	0.000000E+00
1705	229.136	10.5000	0.000000E+00
1706	230.136	3.12500	0.000000E+00
1707	232.565	5.62500	0.000000E+00
1708	230.136	6.62500	0.000000E+00

1709	230.136	10.1250	0.000000E+00
1710	237.423	9.12500	-1.00000
1711	237.423	9.12500	0.000000E+00
1712	231.565	0.000000E+00	0.000000E+00
1713	237.423	10.5000	0.000000E+00
1714	231.565	0.750000	0.000000E+00
1715	237.423	11.2500	0.000000E+00
1716	232.565	5.62500	-1.00000
1717	231.398	2.12500	-1.00000
1718	231.398	2.12500	0.000000E+00
1719	239.852	2.12500	0.000000E+00
1720	231.398	5.62500	-1.00000
1721	239.852	9.12500	0.000000E+00
1722	231.398	5.62500	0.000000E+00
1723	231.565	9.12500	0.000000E+00
1724	231.565	10.5000	0.000000E+00
1725	242.281	0.000000E+00	0.000000E+00
1726	232.565	3.12500	0.000000E+00
1727	242.281	0.750000	0.000000E+00
1728	232.565	6.62500	0.000000E+00
1729	242.281	2.12500	-1.00000
1730	242.281	2.12500	0.000000E+00
1731	232.565	10.1250	0.000000E+00
1732	233.716	3.12500	0.000000E+00
1733	233.716	6.62500	0.000000E+00
1734	233.716	10.1250	0.000000E+00
1735	233.994	0.000000E+00	0.000000E+00
1736	233.994	0.750000	0.000000E+00
1737	233.827	2.12500	0.000000E+00
1738	233.827	5.62500	0.000000E+00
1739	233.994	9.12500	0.000000E+00
1740	233.994	10.5000	0.000000E+00
1741	242.281	9.12500	-1.00000
1742	242.281	9.12500	0.000000E+00
1743	234.994	3.12500	0.000000E+00
1744	242.281	10.5000	0.000000E+00
1745	237.423	5.62500	0.000000E+00
1746	242.281	11.2500	0.000000E+00
1747	234.994	6.62500	0.000000E+00
1748	234.994	10.1250	0.000000E+00
1749	236.423	0.000000E+00	0.000000E+00
1750	244.710	2.12500	0.000000E+00
1751	236.423	0.750000	0.000000E+00
1752	244.710	9.12500	0.000000E+00
1753	237.423	5.62500	-1.00000
1754	236.256	2.12500	-1.00000
1755	236.256	2.12500	0.000000E+00
1756	245.987	2.12500	0.000000E+00
1757	236.256	5.62500	-1.00000
1758	245.987	9.12500	0.000000E+00
1759	236.256	5.62500	0.000000E+00
1760	236.423	9.12500	0.000000E+00
1761	236.423	10.5000	0.000000E+00
1762	247.139	0.000000E+00	0.000000E+00
1763	237.423	3.12500	0.000000E+00
1764	247.139	0.750000	0.000000E+00
1765	237.423	6.62500	0.000000E+00
1766	247.139	2.12500	-1.00000
1767	247.139	2.12500	0.000000E+00
1768	237.423	10.1250	0.000000E+00
1769	238.852	0.000000E+00	0.000000E+00
1770	238.852	0.750000	0.000000E+00
1771	238.685	2.12500	0.000000E+00
1772	238.685	5.62500	0.000000E+00
1773	238.852	9.12500	0.000000E+00
1774	238.852	10.5000	0.000000E+00
1775	239.852	3.12500	0.000000E+00
1776	242.281	5.62500	0.000000E+00
1777	239.852	6.62500	0.000000E+00
1778	247.139	9.12500	-1.00000
1779	247.139	9.12500	0.000000E+00
1780	239.852	10.1250	0.000000E+00
1781	247.139	10.5000	0.000000E+00
1782	241.281	0.000000E+00	0.000000E+00
1783	247.139	11.2500	0.000000E+00
1784	241.281	0.750000	0.000000E+00
1785	242.281	5.62500	-1.00000
1786	241.114	2.12500	-1.00000
1787	249.568	2.12500	0.000000E+00
1788	241.114	2.12500	0.000000E+00
1789	249.568	9.12500	0.000000E+00
1790	241.114	5.62500	-1.00000
1791	241.114	5.62500	0.000000E+00
1792	241.281	9.12500	0.000000E+00
1793	251.997	0.000000E+00	0.000000E+00
1794	241.281	10.5000	0.000000E+00
1795	251.997	0.750000	0.000000E+00
1796	242.281	3.12500	0.000000E+00
1797	251.997	2.12500	-1.00000
1798	251.997	2.12500	0.000000E+00
1799	242.281	6.62500	0.000000E+00
1800	242.281	10.1250	0.000000E+00
1801	243.710	0.000000E+00	0.000000E+00
1802	243.710	0.750000	0.000000E+00
1803	243.543	2.12500	0.000000E+00
1804	243.543	5.62500	0.000000E+00
1805	243.710	9.12500	0.000000E+00
1806	243.710	10.5000	0.000000E+00
1807	244.710	3.12500	0.000000E+00
1808	244.710	6.62500	0.000000E+00
1809	251.997	9.12500	-1.00000
1810	251.997	9.12500	0.000000E+00
1811	244.710	10.1250	0.000000E+00
1812	251.997	10.5000	0.000000E+00
1813	245.987	3.12500	0.000000E+00

1814	251.997	11.2500	0.000000E+00
1815	247.139	5.62500	0.000000E+00
1816	245.987	6.62500	0.000000E+00
1817	245.987	10.1250	0.000000E+00
1818	254.426	2.12500	0.000000E+00
1819	246.139	0.000000E+00	0.000000E+00
1820	254.426	9.12500	0.000000E+00
1821	246.139	0.750000	0.000000E+00
1822	247.139	5.62500	-1.00000
1823	245.972	2.12500	-1.00000
1824	256.855	0.000000E+00	0.000000E+00
1825	245.972	2.12500	0.000000E+00
1826	256.855	0.750000	0.000000E+00
1827	245.972	5.62500	-1.00000
1828	256.855	2.12500	-1.00000
1829	256.855	2.12500	0.000000E+00
1830	245.972	5.62500	0.000000E+00
1831	246.139	9.12500	0.000000E+00
1832	246.139	10.5000	0.000000E+00
1833	247.139	3.12500	0.000000E+00
1834	247.139	6.62500	0.000000E+00
1835	247.139	10.1250	0.000000E+00
1836	248.568	0.000000E+00	0.000000E+00
1837	248.568	0.750000	0.000000E+00
1838	248.401	2.12500	0.000000E+00
1839	248.401	5.62500	0.000000E+00
1840	256.855	9.12500	-1.00000
1841	256.855	9.12500	0.000000E+00
1842	248.568	9.12500	0.000000E+00
1843	256.855	10.5000	0.000000E+00
1844	248.568	10.5000	0.000000E+00
1845	256.855	11.2500	0.000000E+00
1846	249.568	3.12500	0.000000E+00
1847	251.997	5.62500	0.000000E+00
1848	249.568	6.62500	0.000000E+00
1849	258.007	2.12500	0.000000E+00
1850	249.568	10.1250	0.000000E+00
1851	258.007	9.12500	0.000000E+00
1852	250.997	0.000000E+00	0.000000E+00
1853	250.997	0.750000	0.000000E+00
1854	251.997	5.62500	-1.00000
1855	259.284	2.12500	0.000000E+00
1856	250.830	2.12500	-1.00000
1857	259.284	9.12500	0.000000E+00
1858	250.830	2.12500	0.000000E+00
1859	250.830	5.62500	-1.00000
1860	250.830	5.62500	0.000000E+00
1861	261.713	0.000000E+00	0.000000E+00
1862	250.997	9.12500	0.000000E+00
1863	261.713	0.750000	0.000000E+00
1864	250.997	10.5000	0.000000E+00
1865	261.713	2.12500	-1.00000
1866	261.713	2.12500	0.000000E+00
1867	251.997	3.12500	0.000000E+00
1868	251.997	6.62500	0.000000E+00
1869	251.997	10.1250	0.000000E+00
1870	253.426	0.000000E+00	0.000000E+00
1871	253.426	0.750000	0.000000E+00
1872	253.259	2.12500	0.000000E+00
1873	253.259	5.62500	0.000000E+00
1874	253.426	9.12500	0.000000E+00
1875	253.426	10.5000	0.000000E+00
1876	254.426	3.12500	0.000000E+00
1877	261.713	9.12500	-1.00000
1878	261.713	9.12500	0.000000E+00
1879	256.855	5.62500	0.000000E+00
1880	261.713	10.5000	0.000000E+00
1881	254.426	6.62500	0.000000E+00
1882	261.713	11.2500	0.000000E+00
1883	254.426	10.1250	0.000000E+00
1884	255.855	0.000000E+00	0.000000E+00
1885	255.855	0.750000	0.000000E+00
1886	264.142	2.12500	0.000000E+00
1887	256.855	5.62500	-1.00000
1888	264.142	9.12500	0.000000E+00
1889	255.688	2.12500	-1.00000
1890	255.688	2.12500	0.000000E+00
1891	255.688	5.62500	-1.00000
1892	266.571	0.000000E+00	0.000000E+00
1893	255.688	5.62500	0.000000E+00
1894	266.571	0.750000	0.000000E+00
1895	255.855	9.12500	0.000000E+00
1896	266.571	2.12500	-1.00000
1897	266.571	2.12500	0.000000E+00
1898	255.855	10.5000	0.000000E+00
1899	256.855	3.12500	0.000000E+00
1900	256.855	6.62500	0.000000E+00
1901	256.855	10.1250	0.000000E+00
1902	258.007	3.12500	0.000000E+00
1903	258.007	6.62500	0.000000E+00
1904	258.007	10.1250	0.000000E+00
1905	258.284	0.000000E+00	0.000000E+00
1906	258.284	0.750000	0.000000E+00
1907	258.117	2.12500	0.000000E+00
1908	266.571	9.12500	-1.00000
1909	266.571	9.12500	0.000000E+00
1910	258.117	5.62500	0.000000E+00
1911	266.571	10.5000	0.000000E+00
1912	258.284	9.12500	0.000000E+00
1913	266.571	11.2500	0.000000E+00
1914	258.284	10.5000	0.000000E+00
1915	259.284	3.12500	0.000000E+00
1916	261.713	5.62500	0.000000E+00
1917	269.000	2.12500	0.000000E+00
1918	259.284	6.62500	0.000000E+00

1919	269.000	9.12500	0.000000E+00
1920	259.284	10.1250	0.000000E+00
1921	260.713	0.000000E+00	0.000000E+00
1922	260.713	0.750000	0.000000E+00
1923	270.278	2.12500	0.000000E+00
1924	261.713	5.62500	-1.00000
1925	270.278	9.12500	0.000000E+00
1926	260.546	2.12500	-1.00000
1927	260.546	2.12500	0.000000E+00
1928	260.546	5.62500	-1.00000
1929	271.429	0.000000E+00	0.000000E+00
1930	260.546	5.62500	0.000000E+00
1931	271.429	0.750000	0.000000E+00
1932	260.713	9.12500	0.000000E+00
1933	271.429	2.12500	-1.00000
1934	271.429	2.12500	0.000000E+00
1935	260.713	10.5000	0.000000E+00
1936	261.713	3.12500	0.000000E+00
1937	261.713	6.62500	0.000000E+00
1938	261.713	10.1250	0.000000E+00
1939	263.142	0.000000E+00	0.000000E+00
1940	263.142	0.750000	0.000000E+00
1941	262.975	2.12500	0.000000E+00
1942	262.975	5.62500	0.000000E+00
1943	263.142	9.12500	0.000000E+00
1944	263.142	10.5000	0.000000E+00
1945	271.429	9.12500	-1.00000
1946	271.429	9.12500	0.000000E+00
1947	264.142	3.12500	0.000000E+00
1948	271.429	10.5000	0.000000E+00
1949	266.571	5.62500	0.000000E+00
1950	271.429	11.2500	0.000000E+00
1951	264.142	6.62500	0.000000E+00
1952	264.142	10.1250	0.000000E+00
1953	265.571	0.000000E+00	0.000000E+00
1954	273.858	2.12500	0.000000E+00
1955	265.571	0.750000	0.000000E+00
1956	273.858	9.12500	0.000000E+00
1957	266.571	5.62500	-1.00000
1958	265.404	2.12500	-1.00000
1959	265.404	2.12500	0.000000E+00
1960	276.287	0.000000E+00	0.000000E+00
1961	265.404	5.62500	-1.00000
1962	276.287	0.750000	0.000000E+00
1963	265.404	5.62500	0.000000E+00
1964	277.287	2.12500	-2.50000
1965	276.287	3.12500	-2.50000
1966	276.287	2.12500	-1.00000
1967	276.287	2.12500	0.000000E+00
1968	265.571	9.12500	0.000000E+00
1969	265.571	10.5000	0.000000E+00
1970	266.571	3.12500	0.000000E+00
1971	266.571	6.62500	0.000000E+00
1972	277.287	9.12500	-2.50000
1973	276.287	10.1250	-2.50000
1974	266.571	10.1250	0.000000E+00
1975	268.000	0.000000E+00	0.000000E+00
1976	268.000	0.750000	0.000000E+00
1977	267.833	2.12500	0.000000E+00
1978	267.833	5.62500	0.000000E+00
1979	268.000	9.12500	0.000000E+00
1980	325.877	2.12500	-2.50000
1981	324.877	3.12500	-2.50000
1982	276.287	9.12500	-1.00000
1983	276.287	9.12500	0.000000E+00
1984	268.000	10.5000	0.000000E+00
1985	276.287	10.5000	0.000000E+00
1986	269.000	3.12500	0.000000E+00
1987	276.287	11.2500	0.000000E+00
1988	269.000	6.62500	0.000000E+00
1989	269.000	10.1250	0.000000E+00
1990	270.278	3.12500	0.000000E+00
1991	278.717	2.12500	0.000000E+00
1992	271.429	5.62500	0.000000E+00
1993	278.717	9.12500	0.000000E+00
1994	270.278	6.62500	0.000000E+00
1995	270.278	10.1250	0.000000E+00
1996	270.429	0.000000E+00	0.000000E+00
1997	281.146	0.000000E+00	0.000000E+00
1998	270.429	0.750000	0.000000E+00
1999	281.146	0.750000	0.000000E+00
2000	271.429	5.62500	-1.00000
2001	281.146	2.12500	-1.00000
2002	281.146	2.12500	0.000000E+00
2003	270.262	2.12500	-1.00000
2004	270.262	2.12500	0.000000E+00
2005	270.262	5.62500	-1.00000
2006	270.262	5.62500	0.000000E+00
2007	270.429	9.12500	0.000000E+00
2008	270.429	10.5000	0.000000E+00
2009	271.429	3.12500	0.000000E+00
2010	271.429	6.62500	0.000000E+00
2011	271.429	10.1250	0.000000E+00
2012	272.858	0.000000E+00	0.000000E+00
2013	281.146	9.12500	-1.00000
2014	281.146	9.12500	0.000000E+00
2015	272.858	0.750000	0.000000E+00
2016	281.146	10.5000	0.000000E+00
2017	272.691	2.12500	0.000000E+00
2018	281.146	11.2500	0.000000E+00
2019	272.691	5.62500	0.000000E+00
2020	272.858	9.12500	0.000000E+00
2021	272.858	10.5000	0.000000E+00
2022	282.298	2.12500	0.000000E+00
2023	273.858	3.12500	0.000000E+00

2024	282.298	9.12500	0.000000E+00
2025	276.287	5.62500	0.000000E+00
2026	273.858	6.62500	0.000000E+00
2027	273.858	10.1250	0.000000E+00
2028	283.575	2.12500	0.000000E+00
2029	275.287	0.000000E+00	0.000000E+00
2030	283.575	9.12500	0.000000E+00
2031	275.287	0.750000	0.000000E+00
2032	276.287	5.62500	-1.00000
2033	275.120	2.12500	-1.00000
2034	286.005	0.000000E+00	0.000000E+00
2035	275.120	2.12500	0.000000E+00
2036	286.005	0.750000	0.000000E+00
2037	275.120	5.62500	-1.00000
2038	286.005	2.12500	-1.00000
2039	286.005	2.12500	0.000000E+00
2040	275.120	5.62500	0.000000E+00
2041	275.287	9.12500	0.000000E+00
2042	275.287	10.5000	0.000000E+00
2043	276.287	3.12500	0.000000E+00
2044	276.287	6.62500	0.000000E+00
2045	276.287	10.1250	0.000000E+00
2046	277.716	0.000000E+00	0.000000E+00
2047	277.716	0.750000	0.000000E+00
2048	277.550	2.12500	0.000000E+00
2049	277.550	5.62500	0.000000E+00
2050	286.005	9.12500	-1.00000
2051	286.005	9.12500	0.000000E+00
2052	277.716	9.12500	0.000000E+00
2053	286.005	10.5000	0.000000E+00
2054	277.716	10.5000	0.000000E+00
2055	286.005	11.2500	0.000000E+00
2056	278.717	3.12500	0.000000E+00
2057	281.146	5.62500	0.000000E+00
2058	278.717	6.62500	0.000000E+00
2059	288.434	2.12500	0.000000E+00
2060	278.717	10.1250	0.000000E+00
2061	288.434	9.12500	0.000000E+00
2062	280.146	0.000000E+00	0.000000E+00
2063	280.146	0.750000	0.000000E+00
2064	281.146	5.62500	-1.00000
2065	290.864	0.000000E+00	0.000000E+00
2066	279.979	2.12500	-1.00000
2067	290.864	0.750000	0.000000E+00
2068	279.979	2.12500	0.000000E+00
2069	290.864	2.12500	-1.00000
2070	290.864	2.12500	0.000000E+00
2071	279.979	5.62500	-1.00000
2072	279.979	5.62500	0.000000E+00
2073	280.146	9.12500	0.000000E+00
2074	280.146	10.5000	0.000000E+00
2075	281.146	3.12500	0.000000E+00
2076	281.146	6.62500	0.000000E+00
2077	281.146	10.1250	0.000000E+00
2078	282.298	3.12500	0.000000E+00
2079	282.298	6.62500	0.000000E+00
2080	282.298	10.1250	0.000000E+00
2081	290.864	9.12500	-1.00000
2082	290.864	9.12500	0.000000E+00
2083	282.575	0.000000E+00	0.000000E+00
2084	290.864	10.5000	0.000000E+00
2085	282.575	0.750000	0.000000E+00
2086	290.864	11.2500	0.000000E+00
2087	282.409	2.12500	0.000000E+00
2088	282.409	5.62500	0.000000E+00
2089	282.575	9.12500	0.000000E+00
2090	293.293	2.12500	0.000000E+00
2091	282.575	10.5000	0.000000E+00
2092	293.293	9.12500	0.000000E+00
2093	283.575	3.12500	0.000000E+00
2094	286.005	5.62500	0.000000E+00
2095	283.575	6.62500	0.000000E+00
2096	294.571	2.12500	0.000000E+00
2097	283.575	10.1250	0.000000E+00
2098	294.571	9.12500	0.000000E+00
2099	285.005	0.000000E+00	0.000000E+00
2100	285.005	0.750000	0.000000E+00
2101	286.005	5.62500	-1.00000
2102	295.723	0.000000E+00	0.000000E+00
2103	284.838	2.12500	-1.00000
2104	295.723	0.750000	0.000000E+00
2105	284.838	2.12500	0.000000E+00
2106	295.723	2.12500	-1.00000
2107	295.723	2.12500	0.000000E+00
2108	284.838	5.62500	-1.00000
2109	284.838	5.62500	0.000000E+00
2110	285.005	9.12500	0.000000E+00
2111	285.005	10.5000	0.000000E+00
2112	286.005	3.12500	0.000000E+00
2113	286.005	6.62500	0.000000E+00
2114	286.005	10.1250	0.000000E+00
2115	287.434	0.000000E+00	0.000000E+00
2116	287.434	0.750000	0.000000E+00
2117	287.268	2.12500	0.000000E+00
2118	295.723	9.12500	-1.00000
2119	295.723	9.12500	0.000000E+00
2120	287.268	5.62500	0.000000E+00
2121	295.723	10.5000	0.000000E+00
2122	287.434	9.12500	0.000000E+00
2123	295.723	11.2500	0.000000E+00
2124	287.434	10.5000	0.000000E+00
2125	288.434	3.12500	0.000000E+00
2126	290.864	5.62500	0.000000E+00
2127	298.152	2.12500	0.000000E+00
2128	288.434	6.62500	0.000000E+00

2129	298.152	9.12500	0.000000E+00
2130	288.434	10.1250	0.000000E+00
2131	289.864	0.000000E+00	0.000000E+00
2132	289.864	0.750000	0.000000E+00
2133	300.582	0.000000E+00	0.000000E+00
2134	290.864	5.62500	-1.00000
2135	300.582	0.750000	0.000000E+00
2136	289.697	2.12500	-1.00000
2137	300.582	2.12500	-1.00000
2138	300.582	2.12500	0.000000E+00
2139	289.697	2.12500	0.000000E+00
2140	289.697	5.62500	-1.00000
2141	289.697	5.62500	0.000000E+00
2142	289.864	9.12500	0.000000E+00
2143	289.864	10.5000	0.000000E+00
2144	290.864	3.12500	0.000000E+00
2145	290.864	6.62500	0.000000E+00
2146	290.864	10.1250	0.000000E+00
2147	292.293	0.000000E+00	0.000000E+00
2148	292.293	0.750000	0.000000E+00
2149	300.582	9.12500	-1.00000
2150	300.582	9.12500	0.000000E+00
2151	292.127	2.12500	0.000000E+00
2152	300.582	10.5000	0.000000E+00
2153	292.127	5.62500	0.000000E+00
2154	300.582	11.2500	0.000000E+00
2155	292.293	9.12500	0.000000E+00
2156	292.293	10.5000	0.000000E+00
2157	293.293	3.12500	0.000000E+00
2158	303.012	2.12500	0.000000E+00
2159	293.293	6.62500	0.000000E+00
2160	303.012	9.12500	0.000000E+00
2161	293.293	10.1250	0.000000E+00
2162	294.571	3.12500	0.000000E+00
2163	295.723	5.62500	0.000000E+00
2164	305.441	0.000000E+00	0.000000E+00
2165	294.571	6.62500	0.000000E+00
2166	305.441	0.750000	0.000000E+00
2167	294.571	10.1250	0.000000E+00
2168	305.441	2.12500	-1.00000
2169	305.441	2.12500	0.000000E+00
2170	294.723	0.000000E+00	0.000000E+00
2171	294.723	0.750000	0.000000E+00
2172	295.723	5.62500	-1.00000
2173	294.556	2.12500	-1.00000
2174	294.556	2.12500	0.000000E+00
2175	294.556	5.62500	-1.00000
2176	294.556	5.62500	0.000000E+00
2177	294.723	9.12500	0.000000E+00
2178	294.723	10.5000	0.000000E+00
2179	295.723	3.12500	0.000000E+00
2180	305.441	9.12500	-1.00000
2181	305.441	9.12500	0.000000E+00
2182	295.723	6.62500	0.000000E+00
2183	305.441	10.5000	0.000000E+00
2184	295.723	10.1250	0.000000E+00
2185	305.441	11.2500	0.000000E+00
2186	297.152	0.000000E+00	0.000000E+00
2187	297.152	0.750000	0.000000E+00
2188	296.986	2.12500	0.000000E+00
2189	306.593	2.12500	0.000000E+00
2190	296.986	5.62500	0.000000E+00
2191	306.593	9.12500	0.000000E+00
2192	297.152	9.12500	0.000000E+00
2193	297.152	10.5000	0.000000E+00
2194	298.152	3.12500	0.000000E+00
2195	307.870	2.12500	0.000000E+00
2196	300.582	5.62500	0.000000E+00
2197	307.870	9.12500	0.000000E+00
2198	298.152	6.62500	0.000000E+00
2199	298.152	10.1250	0.000000E+00
2200	299.582	0.000000E+00	0.000000E+00
2201	310.300	0.000000E+00	0.000000E+00
2202	299.582	0.750000	0.000000E+00
2203	310.300	0.750000	0.000000E+00
2204	300.582	5.62500	-1.00000
2205	310.300	2.12500	-1.00000
2206	310.300	2.12500	0.000000E+00
2207	299.415	2.12500	-1.00000
2208	299.415	2.12500	0.000000E+00
2209	299.415	5.62500	-1.00000
2210	299.415	5.62500	0.000000E+00
2211	299.582	9.12500	0.000000E+00
2212	299.582	10.5000	0.000000E+00
2213	300.582	3.12500	0.000000E+00
2214	300.582	6.62500	0.000000E+00
2215	300.582	10.1250	0.000000E+00
2216	302.012	0.000000E+00	0.000000E+00
2217	310.300	9.12500	-1.00000
2218	310.300	9.12500	0.000000E+00
2219	302.012	0.750000	0.000000E+00
2220	310.300	10.5000	0.000000E+00
2221	301.845	2.12500	0.000000E+00
2222	310.300	11.2500	0.000000E+00
2223	301.845	5.62500	0.000000E+00
2224	302.012	9.12500	0.000000E+00
2225	302.012	10.5000	0.000000E+00
2226	312.730	2.12500	0.000000E+00
2227	303.012	3.12500	0.000000E+00
2228	312.730	9.12500	0.000000E+00
2229	305.441	5.62500	0.000000E+00
2230	303.012	6.62500	0.000000E+00
2231	303.012	10.1250	0.000000E+00
2232	315.159	0.000000E+00	0.000000E+00
2233	304.441	0.000000E+00	0.000000E+00

2234	315.159	0.750000	0.000000E+00
2235	304.441	0.750000	0.000000E+00
2236	315.159	2.125000	-1.000000
2237	315.159	2.125000	0.000000E+00
2238	305.441	5.625000	-1.000000
2239	304.274	2.125000	-1.000000
2240	304.274	2.125000	0.000000E+00
2241	304.274	5.625000	-1.000000
2242	304.274	5.625000	0.000000E+00
2243	304.441	9.125000	0.000000E+00
2244	304.441	10.500000	0.000000E+00
2245	305.441	3.125000	0.000000E+00
2246	305.441	6.625000	0.000000E+00
2247	305.441	10.125000	0.000000E+00
2248	315.159	9.125000	-1.000000
2249	315.159	9.125000	0.000000E+00
2250	306.593	3.125000	0.000000E+00
2251	315.159	10.500000	0.000000E+00
2252	306.593	6.625000	0.000000E+00
2253	315.159	11.250000	0.000000E+00
2254	306.593	10.125000	0.000000E+00
2255	306.870	0.000000E+00	0.000000E+00
2256	306.870	0.750000	0.000000E+00
2257	317.588	2.125000	0.000000E+00
2258	306.704	2.125000	0.000000E+00
2259	317.588	9.125000	0.000000E+00
2260	306.704	5.625000	0.000000E+00
2261	306.870	9.125000	0.000000E+00
2262	306.870	10.500000	0.000000E+00
2263	318.866	2.125000	0.000000E+00
2264	307.870	3.125000	0.000000E+00
2265	318.866	9.125000	0.000000E+00
2266	310.300	5.625000	0.000000E+00
2267	307.870	6.625000	0.000000E+00
2268	307.870	10.125000	0.000000E+00
2269	320.018	0.000000E+00	0.000000E+00
2270	309.300	0.000000E+00	0.000000E+00
2271	320.018	0.750000	0.000000E+00
2272	309.300	0.750000	0.000000E+00
2273	320.018	2.125000	-1.000000
2274	320.018	2.125000	0.000000E+00
2275	310.300	5.625000	-1.000000
2276	309.133	2.125000	-1.000000
2277	309.133	2.125000	0.000000E+00
2278	309.133	5.625000	-1.000000
2279	309.133	5.625000	0.000000E+00
2280	309.300	9.125000	0.000000E+00
2281	309.300	10.500000	0.000000E+00
2282	310.300	3.125000	0.000000E+00
2283	310.300	6.625000	0.000000E+00
2284	310.300	10.125000	0.000000E+00
2285	320.018	9.125000	-1.000000
2286	320.018	9.125000	0.000000E+00
2287	311.729	0.000000E+00	0.000000E+00
2288	320.018	10.500000	0.000000E+00
2289	311.729	0.750000	0.000000E+00
2290	320.018	11.250000	0.000000E+00
2291	311.563	2.125000	0.000000E+00
2292	311.563	5.625000	0.000000E+00
2293	311.729	9.125000	0.000000E+00
2294	322.447	2.125000	0.000000E+00
2295	311.729	10.500000	0.000000E+00
2296	322.447	9.125000	0.000000E+00
2297	312.730	3.125000	0.000000E+00
2298	315.159	5.625000	0.000000E+00
2299	312.730	6.625000	0.000000E+00
2300	324.877	0.000000E+00	0.000000E+00
2301	312.730	10.125000	0.000000E+00
2302	324.877	0.750000	0.000000E+00
2303	314.159	0.000000E+00	0.000000E+00
2304	325.877	9.125000	-2.500000
2305	324.877	10.125000	-2.500000
2306	324.877	2.125000	-1.000000
2307	324.877	2.125000	0.000000E+00
2308	314.159	0.750000	0.000000E+00
2309	315.159	5.625000	-1.000000
2310	313.992	2.125000	-1.000000
2311	313.992	2.125000	0.000000E+00
2312	374.578	2.125000	-2.500000
2313	373.578	3.125000	-2.500000
2314	313.992	5.625000	-1.000000
2315	313.992	5.625000	0.000000E+00
2316	314.159	9.125000	0.000000E+00
2317	314.159	10.500000	0.000000E+00
2318	315.159	3.125000	0.000000E+00
2319	315.159	6.625000	0.000000E+00
2320	374.578	9.125000	-2.500000
2321	373.578	10.125000	-2.500000
2322	324.877	9.125000	-1.000000
2323	324.877	9.125000	0.000000E+00
2324	315.159	10.125000	0.000000E+00
2325	324.877	10.500000	0.000000E+00
2326	316.589	0.000000E+00	0.000000E+00
2327	324.877	11.250000	0.000000E+00
2328	316.589	0.750000	0.000000E+00
2329	316.422	2.125000	0.000000E+00
2330	316.422	5.625000	0.000000E+00
2331	327.306	2.125000	0.000000E+00
2332	316.589	9.125000	0.000000E+00
2333	327.306	9.125000	0.000000E+00
2334	316.589	10.500000	0.000000E+00
2335	317.588	3.125000	0.000000E+00
2336	317.588	6.625000	0.000000E+00
2337	329.736	0.000000E+00	0.000000E+00
2338	317.588	10.125000	0.000000E+00



2339	329.736	0.750000	0.000000E+00
2340	318.866	3.12500	0.000000E+00
2341	329.736	2.12500	-1.00000
2342	329.736	2.12500	0.000000E+00
2343	320.018	5.62500	0.000000E+00
2344	318.866	6.62500	0.000000E+00
2345	318.866	10.1250	0.000000E+00
2346	319.018	0.000000E+00	0.000000E+00
2347	319.018	0.750000	0.000000E+00
2348	320.018	5.62500	-1.00000
2349	318.851	2.12500	-1.00000
2350	318.851	2.12500	0.000000E+00
2351	318.851	5.62500	-1.00000
2352	318.851	5.62500	0.000000E+00
2353	329.736	9.12500	-1.00000
2354	329.736	9.12500	0.000000E+00
2355	319.018	9.12500	0.000000E+00
2356	329.736	10.5000	0.000000E+00
2357	319.018	10.5000	0.000000E+00
2358	329.736	11.2500	0.000000E+00
2359	320.018	3.12500	0.000000E+00
2360	320.018	6.62500	0.000000E+00
2361	320.018	10.1250	0.000000E+00
2362	330.890	2.12500	0.000000E+00
2363	321.447	0.000000E+00	0.000000E+00
2364	330.890	9.12500	0.000000E+00
2365	321.447	0.750000	0.000000E+00
2366	321.281	2.12500	0.000000E+00
2367	321.281	5.62500	0.000000E+00
2368	332.165	2.12500	0.000000E+00
2369	321.447	9.12500	0.000000E+00
2370	332.165	9.12500	0.000000E+00
2371	321.447	10.5000	0.000000E+00
2372	322.447	3.12500	0.000000E+00
2373	324.877	5.62500	0.000000E+00
2374	332.182	2.12500	0.000000E+00
2375	322.447	6.62500	0.000000E+00
2376	332.182	9.12500	0.000000E+00
2377	322.447	10.1250	0.000000E+00
2378	323.877	0.000000E+00	0.000000E+00
2379	323.877	0.750000	0.000000E+00
2380	334.595	0.000000E+00	0.000000E+00
2381	324.877	5.62500	-1.00000
2382	334.595	0.750000	0.000000E+00
2383	323.710	2.12500	-1.00000
2384	334.595	2.12500	-1.00000
2385	334.595	2.12500	0.000000E+00
2386	323.710	2.12500	0.000000E+00
2387	323.710	5.62500	-1.00000
2388	323.710	5.62500	0.000000E+00
2389	323.877	9.12500	0.000000E+00
2390	323.877	10.5000	0.000000E+00
2391	324.877	3.12500	0.000000E+00
2392	324.877	6.62500	0.000000E+00
2393	324.877	10.1250	0.000000E+00
2394	326.307	0.000000E+00	0.000000E+00
2395	326.307	0.750000	0.000000E+00
2396	334.595	9.12500	-1.00000
2397	334.595	9.12500	0.000000E+00
2398	326.140	2.12500	0.000000E+00
2399	334.595	10.5000	0.000000E+00
2400	326.140	5.62500	0.000000E+00
2401	334.595	11.2500	0.000000E+00
2402	326.307	9.12500	0.000000E+00
2403	326.307	10.5000	0.000000E+00
2404	327.306	3.12500	0.000000E+00
2405	337.024	2.12500	0.000000E+00
2406	329.736	5.62500	0.000000E+00
2407	337.024	9.12500	0.000000E+00
2408	327.306	6.62500	0.000000E+00
2409	327.306	10.1250	0.000000E+00
2410	328.736	0.000000E+00	0.000000E+00
2411	339.454	0.000000E+00	0.000000E+00
2412	328.736	0.750000	0.000000E+00
2413	339.454	0.750000	0.000000E+00
2414	329.736	5.62500	-1.00000
2415	339.454	2.12500	-1.00000
2416	339.454	2.12500	0.000000E+00
2417	328.569	2.12500	-1.00000
2418	328.569	2.12500	0.000000E+00
2419	328.569	5.62500	-1.00000
2420	328.569	5.62500	0.000000E+00
2421	328.736	9.12500	0.000000E+00
2422	328.736	10.5000	0.000000E+00
2423	329.736	3.12500	0.000000E+00
2424	329.736	6.62500	0.000000E+00
2425	329.736	10.1250	0.000000E+00
2426	330.890	3.12500	0.000000E+00
2427	339.454	9.12500	-1.00000
2428	339.454	9.12500	0.000000E+00
2429	330.890	6.62500	0.000000E+00
2430	339.454	10.5000	0.000000E+00
2431	330.890	10.1250	0.000000E+00
2432	339.454	11.2500	0.000000E+00
2433	331.165	0.000000E+00	0.000000E+00
2434	331.165	0.750000	0.000000E+00
2435	330.999	2.12500	0.000000E+00
2436	341.883	2.12500	0.000000E+00
2437	330.999	5.62500	0.000000E+00
2438	341.883	9.12500	0.000000E+00
2439	331.165	9.12500	0.000000E+00
2440	331.165	10.5000	0.000000E+00
2441	332.165	3.12500	0.000000E+00
2442	343.163	2.12500	0.000000E+00
2443	332.165	6.62500	0.000000E+00

2444	343.163	9.12500	0.000000E+00
2445	332.165	10.1250	0.000000E+00
2446	332.182	3.12500	0.000000E+00
2447	334.595	5.62500	0.000000E+00
2448	344.313	0.000000E+00	0.000000E+00
2449	332.182	6.62500	0.000000E+00
2450	344.313	0.750000	0.000000E+00
2451	332.182	10.1250	0.000000E+00
2452	344.313	2.12500	-1.00000
2453	344.313	2.12500	0.000000E+00
2454	333.595	0.000000E+00	0.000000E+00
2455	333.595	0.750000	0.000000E+00
2456	334.595	5.62500	-1.00000
2457	333.428	2.12500	-1.00000
2458	333.428	2.12500	0.000000E+00
2459	333.428	5.62500	-1.00000
2460	333.428	5.62500	0.000000E+00
2461	333.595	9.12500	0.000000E+00
2462	333.595	10.5000	0.000000E+00
2463	334.595	3.12500	0.000000E+00
2464	344.313	9.12500	-1.00000
2465	344.313	9.12500	0.000000E+00
2466	334.595	6.62500	0.000000E+00
2467	344.313	10.5000	0.000000E+00
2468	334.595	10.1250	0.000000E+00
2469	344.313	11.2500	0.000000E+00
2470	336.024	0.000000E+00	0.000000E+00
2471	336.024	0.750000	0.000000E+00
2472	335.858	2.12500	0.000000E+00
2473	346.743	2.12500	0.000000E+00
2474	335.858	5.62500	0.000000E+00
2475	346.743	9.12500	0.000000E+00
2476	336.024	9.12500	0.000000E+00
2477	336.024	10.5000	0.000000E+00
2478	337.024	3.12500	0.000000E+00
2479	349.172	0.000000E+00	0.000000E+00
2480	339.454	5.62500	0.000000E+00
2481	349.172	0.750000	0.000000E+00
2482	337.024	6.62500	0.000000E+00
2483	349.172	2.12500	-1.00000
2484	349.172	2.12500	0.000000E+00
2485	337.024	10.1250	0.000000E+00
2486	338.454	0.000000E+00	0.000000E+00
2487	338.454	0.750000	0.000000E+00
2488	339.454	5.62500	-1.00000
2489	338.287	2.12500	-1.00000
2490	338.287	2.12500	0.000000E+00
2491	338.287	5.62500	-1.00000
2492	338.287	5.62500	0.000000E+00
2493	338.454	9.12500	0.000000E+00
2494	338.454	10.5000	0.000000E+00
2495	349.172	9.12500	-1.00000
2496	349.172	9.12500	0.000000E+00
2497	339.454	3.12500	0.000000E+00
2498	349.172	10.5000	0.000000E+00
2499	339.454	6.62500	0.000000E+00
2500	349.172	11.2500	0.000000E+00
2501	339.454	10.1250	0.000000E+00
2502	340.883	0.000000E+00	0.000000E+00
2503	340.883	0.750000	0.000000E+00
2504	351.601	2.12500	0.000000E+00
2505	340.717	2.12500	0.000000E+00
2506	351.601	9.12500	0.000000E+00
2507	340.717	5.62500	0.000000E+00
2508	340.883	9.12500	0.000000E+00
2509	340.883	10.5000	0.000000E+00
2510	354.031	0.000000E+00	0.000000E+00
2511	341.883	3.12500	0.000000E+00
2512	354.031	0.750000	0.000000E+00
2513	341.883	6.62500	0.000000E+00
2514	354.031	2.12500	-1.00000
2515	354.031	2.12500	0.000000E+00
2516	341.883	10.1250	0.000000E+00
2517	343.163	3.12500	0.000000E+00
2518	344.313	5.62500	0.000000E+00
2519	343.163	6.62500	0.000000E+00
2520	343.163	10.1250	0.000000E+00
2521	343.313	0.000000E+00	0.000000E+00
2522	343.313	0.750000	0.000000E+00
2523	344.313	5.62500	-1.00000
2524	343.146	2.12500	-1.00000
2525	343.146	2.12500	0.000000E+00
2526	354.031	9.12500	-1.00000
2527	354.031	9.12500	0.000000E+00
2528	343.146	5.62500	-1.00000
2529	354.031	10.5000	0.000000E+00
2530	343.146	5.62500	0.000000E+00
2531	354.031	11.2500	0.000000E+00
2532	343.313	9.12500	0.000000E+00
2533	343.313	10.5000	0.000000E+00
2534	344.313	3.12500	0.000000E+00
2535	355.186	2.12500	0.000000E+00
2536	344.313	6.62500	0.000000E+00
2537	355.186	9.12500	0.000000E+00
2538	344.313	10.1250	0.000000E+00
2539	345.742	0.000000E+00	0.000000E+00
2540	345.742	0.750000	0.000000E+00
2541	356.460	2.12500	0.000000E+00
2542	345.576	2.12500	0.000000E+00
2543	356.460	9.12500	0.000000E+00
2544	345.576	5.62500	0.000000E+00
2545	345.742	9.12500	0.000000E+00
2546	345.742	10.5000	0.000000E+00
2547	358.890	0.000000E+00	0.000000E+00
2548	346.743	3.12500	0.000000E+00

2549	358.890	0.750000	0.000000E+00
2550	349.172	5.62500	0.000000E+00
2551	358.890	2.12500	-1.00000
2552	358.890	2.12500	0.000000E+00
2553	346.743	6.62500	0.000000E+00
2554	346.743	10.1250	0.000000E+00
2555	348.172	0.000000E+00	0.000000E+00
2556	348.172	0.750000	0.000000E+00
2557	349.172	5.62500	-1.00000
2558	348.005	2.12500	-1.00000
2559	348.005	2.12500	0.000000E+00
2560	348.005	5.62500	-1.00000
2561	348.005	5.62500	0.000000E+00
2562	348.172	9.12500	0.000000E+00
2563	358.890	9.12500	-1.00000
2564	358.890	9.12500	0.000000E+00
2565	348.172	10.5000	0.000000E+00
2566	358.890	10.5000	0.000000E+00
2567	349.172	3.12500	0.000000E+00
2568	358.890	11.2500	0.000000E+00
2569	349.172	6.62500	0.000000E+00
2570	349.172	10.1250	0.000000E+00
2571	350.601	0.000000E+00	0.000000E+00
2572	361.320	2.12500	0.000000E+00
2573	350.601	0.750000	0.000000E+00
2574	361.320	9.12500	0.000000E+00
2575	350.435	2.12500	0.000000E+00
2576	350.435	5.62500	0.000000E+00
2577	350.601	9.12500	0.000000E+00
2578	363.749	0.000000E+00	0.000000E+00
2579	350.601	10.5000	0.000000E+00
2580	363.749	0.750000	0.000000E+00
2581	351.601	3.12500	0.000000E+00
2582	363.749	2.12500	-1.00000
2583	363.749	2.12500	0.000000E+00
2584	354.031	5.62500	0.000000E+00
2585	351.601	6.62500	0.000000E+00
2586	351.601	10.1250	0.000000E+00
2587	353.031	0.000000E+00	0.000000E+00
2588	353.031	0.750000	0.000000E+00
2589	354.031	5.62500	-1.00000
2590	352.864	2.12500	-1.00000
2591	352.864	2.12500	0.000000E+00
2592	352.864	5.62500	-1.00000
2593	352.864	5.62500	0.000000E+00
2594	363.749	9.12500	-1.00000
2595	363.749	9.12500	0.000000E+00
2596	353.031	9.12500	0.000000E+00
2597	363.749	10.5000	0.000000E+00
2598	353.031	10.5000	0.000000E+00
2599	363.749	11.2500	0.000000E+00
2600	354.031	3.12500	0.000000E+00
2601	354.031	6.62500	0.000000E+00
2602	354.031	10.1250	0.000000E+00
2603	365.704	2.12500	0.000000E+00
2604	355.186	3.12500	0.000000E+00
2605	365.704	9.12500	0.000000E+00
2606	355.186	6.62500	0.000000E+00
2607	355.186	10.1250	0.000000E+00
2608	355.460	0.000000E+00	0.000000E+00
2609	366.236	2.12500	0.000000E+00
2610	355.460	0.750000	0.000000E+00
2611	366.236	9.12500	0.000000E+00
2612	355.294	2.12500	0.000000E+00
2613	355.294	5.62500	0.000000E+00
2614	355.460	9.12500	0.000000E+00
2615	366.273	2.12500	0.000000E+00
2616	355.460	10.5000	0.000000E+00
2617	366.273	9.12500	0.000000E+00
2618	356.460	3.12500	0.000000E+00
2619	358.890	5.62500	0.000000E+00
2620	356.460	6.62500	0.000000E+00
2621	367.574	2.12500	0.000000E+00
2622	356.460	10.1250	0.000000E+00
2623	367.574	9.12500	0.000000E+00
2624	357.890	0.000000E+00	0.000000E+00
2625	357.890	0.750000	0.000000E+00
2626	358.890	5.62500	-1.00000
2627	368.723	-0.820000E-01	0.000000E+00
2628	357.723	2.12500	-1.00000
2629	368.723	0.668000	0.000000E+00
2630	357.723	2.12500	0.000000E+00
2631	368.723	2.12500	-1.00000
2632	368.723	2.12500	0.000000E+00
2633	357.723	5.62500	-1.00000
2634	357.723	5.62500	0.000000E+00
2635	357.890	9.12500	0.000000E+00
2636	357.890	10.5000	0.000000E+00
2637	358.890	3.12500	0.000000E+00
2638	358.890	6.62500	0.000000E+00
2639	358.890	10.1250	0.000000E+00
2640	360.320	0.000000E+00	0.000000E+00
2641	360.320	0.750000	0.000000E+00
2642	360.153	2.12500	0.000000E+00
2643	368.723	9.12500	-1.00000
2644	368.723	9.12500	0.000000E+00
2645	360.153	5.62500	0.000000E+00
2646	368.723	10.5820	0.000000E+00
2647	360.320	9.12500	0.000000E+00
2648	368.723	11.3320	0.000000E+00
2649	360.320	10.5000	0.000000E+00
2650	361.320	3.12500	0.000000E+00
2651	363.749	5.62500	0.000000E+00
2652	371.150	2.12500	0.000000E+00
2653	361.320	6.62500	0.000000E+00

2654	371.150	9.12500	0.000000E+00
2655	361.320	10.1250	0.000000E+00
2656	362.749	0.000000E+00	0.000000E+00
2657	362.749	0.750000	0.000000E+00
2658	373.578	-0.215000	0.000000E+00
2659	363.749	5.62500	-1.00000
2660	373.578	0.535000	0.000000E+00
2661	362.582	2.12500	-1.00000
2662	408.610	2.12500	-2.50000
2663	407.610	3.12500	-2.50000
2664	373.578	2.12500	-1.00000
2665	373.578	2.12500	0.000000E+00
2666	362.582	2.12500	0.000000E+00
2667	362.582	5.62500	-1.00000
2668	362.582	5.62500	0.000000E+00
2669	362.749	9.12500	0.000000E+00
2670	408.610	9.12500	-2.50000
2671	407.610	10.1250	-2.50000
2672	362.749	10.5000	0.000000E+00
2673	363.749	3.12500	0.000000E+00
2674	363.749	6.62500	0.000000E+00
2675	363.749	10.1250	0.000000E+00
2676	365.704	3.12500	0.000000E+00
2677	365.704	6.62500	0.000000E+00
2678	1.50000	5.62500	-2.50000
2679	0.500000	6.62500	-2.50000
2680	373.578	9.12500	-1.00000
2681	373.578	9.12500	0.000000E+00
2682	365.704	10.1250	0.000000E+00
2683	373.578	10.7150	0.000000E+00
2684	365.236	-0.410000E-01	0.000000E+00
2685	373.578	11.4650	0.000000E+00
2686	365.236	0.709000	0.000000E+00
2687	365.069	2.12500	0.000000E+00
2688	365.069	5.62500	0.000000E+00
2689	376.009	2.12500	0.000000E+00
2690	365.236	9.12500	0.000000E+00
2691	376.009	9.12500	0.000000E+00
2692	365.236	10.5410	0.000000E+00
2693	366.236	3.12500	0.000000E+00
2694	366.236	6.62500	0.000000E+00
2695	378.440	-0.347000	0.000000E+00
2696	366.236	10.1250	0.000000E+00
2697	378.440	0.403000	0.000000E+00
2698	366.273	3.12500	0.000000E+00
2699	378.440	2.12500	-1.00000
2700	378.440	2.12500	0.000000E+00
2701	366.273	6.62500	0.000000E+00
2702	366.273	10.1250	0.000000E+00
2703	367.574	3.12500	0.000000E+00
2704	368.723	5.62500	0.000000E+00
2705	367.574	6.62500	0.000000E+00
2706	367.574	10.1250	0.000000E+00
2707	367.723	-0.820000E-01	0.000000E+00
2708	367.723	0.668000	0.000000E+00
2709	368.723	5.62500	-1.00000
2710	367.556	2.12500	-1.00000
2711	378.440	9.12500	-1.00000
2712	378.440	9.12500	0.000000E+00
2713	367.556	2.12500	0.000000E+00
2714	378.440	10.8470	0.000000E+00
2715	367.556	5.62500	-1.00000
2716	378.440	11.5970	0.000000E+00
2717	367.556	5.62500	0.000000E+00
2718	367.723	9.12500	0.000000E+00
2719	367.723	10.5820	0.000000E+00
2720	379.584	2.12500	0.000000E+00
2721	368.723	3.12500	0.000000E+00
2722	379.584	9.12500	0.000000E+00
2723	368.723	6.62500	0.000000E+00
2724	368.723	10.1250	0.000000E+00
2725	370.151	-0.148500	0.000000E+00
2726	380.871	2.12500	0.000000E+00
2727	370.151	0.601500	0.000000E+00
2728	380.871	9.12500	0.000000E+00
2729	369.984	2.12500	0.000000E+00
2730	369.984	5.62500	0.000000E+00
2731	370.151	9.12500	0.000000E+00
2732	383.301	-0.490300	0.000000E+00
2733	370.151	10.6485	0.000000E+00
2734	383.301	0.259700	0.000000E+00
2735	371.150	3.12500	0.000000E+00
2736	383.301	2.12500	-1.00000
2737	383.301	2.12500	0.000000E+00
2738	373.578	5.62500	0.000000E+00
2739	371.150	6.62500	0.000000E+00
2740	371.150	10.1250	0.000000E+00
2741	372.578	-0.215000	0.000000E+00
2742	372.578	0.535000	0.000000E+00
2743	373.578	5.62500	-1.00000
2744	372.411	2.12500	-1.00000
2745	372.411	2.12500	0.000000E+00
2746	372.411	5.62500	-1.00000
2747	372.411	5.62500	0.000000E+00
2748	383.301	9.12500	-1.00000
2749	383.301	9.12500	0.000000E+00
2750	372.578	9.12500	0.000000E+00
2751	383.301	10.9903	0.000000E+00
2752	372.578	10.7150	0.000000E+00
2753	383.301	11.7403	0.000000E+00
2754	373.578	3.12500	0.000000E+00
2755	373.578	6.62500	0.000000E+00
2756	373.578	10.1250	0.000000E+00
2757	385.732	2.12500	0.000000E+00
2758	375.009	-0.281000	0.000000E+00

2759	385.732	9.12500	0.000000E+00
2760	375.009	0.469000	0.000000E+00
2761	374.842	2.12500	0.000000E+00
2762	374.842	5.62500	0.000000E+00
2763	388.163	-0.623400	0.000000E+00
2764	375.009	9.12500	0.000000E+00
2765	388.163	0.126600	0.000000E+00
2766	375.009	10.7810	0.000000E+00
2767	388.163	2.12500	-1.00000
2768	388.163	2.12500	0.000000E+00
2769	376.009	3.12500	0.000000E+00
2770	378.440	5.62500	0.000000E+00
2771	376.009	6.62500	0.000000E+00
2772	376.009	10.1250	0.000000E+00
2773	377.440	-0.347000	0.000000E+00
2774	377.440	0.403000	0.000000E+00
2775	378.440	5.62500	-1.00000
2776	377.273	2.12500	-1.00000
2777	377.273	2.12500	0.000000E+00
2778	377.273	5.62500	-1.00000
2779	388.163	9.12500	-1.00000
2780	388.163	9.12500	0.000000E+00
2781	377.273	5.62500	0.000000E+00
2782	388.163	11.1234	0.000000E+00
2783	377.440	9.12500	0.000000E+00
2784	388.163	11.8734	0.000000E+00
2785	377.440	10.8470	0.000000E+00
2786	378.440	3.12500	0.000000E+00
2787	378.440	6.62500	0.000000E+00
2788	389.593	2.12500	0.000000E+00
2789	378.440	10.1250	0.000000E+00
2790	389.593	9.12500	0.000000E+00
2791	379.584	3.12500	0.000000E+00
2792	379.584	6.62500	0.000000E+00
2793	379.584	10.1250	0.000000E+00
2794	390.594	2.12500	0.000000E+00
2795	379.871	-0.418650	0.000000E+00
2796	390.594	9.12500	0.000000E+00
2797	379.871	0.331350	0.000000E+00
2798	379.704	2.12500	0.000000E+00
2799	379.704	5.62500	0.000000E+00
2800	393.025	-0.758000	0.000000E+00
2801	379.871	9.12500	0.000000E+00
2802	393.025	-0.800000E-02	0.000000E+00
2803	379.871	10.9186	0.000000E+00
2804	393.025	2.12500	-1.00000
2805	393.025	2.12500	0.000000E+00
2806	380.871	3.12500	0.000000E+00
2807	383.301	5.62500	0.000000E+00
2808	380.871	6.62500	0.000000E+00
2809	380.871	10.1250	0.000000E+00
2810	382.301	-0.490300	0.000000E+00
2811	382.301	0.259700	0.000000E+00
2812	383.301	5.62500	-1.00000
2813	382.135	2.12500	-1.00000
2814	382.135	2.12500	0.000000E+00
2815	382.135	5.62500	-1.00000
2816	393.025	9.12500	-1.00000
2817	393.025	9.12500	0.000000E+00
2818	382.135	5.62500	0.000000E+00
2819	393.025	11.2530	0.000000E+00
2820	382.301	9.12500	0.000000E+00
2821	393.025	12.0030	0.000000E+00
2822	382.301	10.9903	0.000000E+00
2823	383.301	3.12500	0.000000E+00
2824	383.301	6.62500	0.000000E+00
2825	395.456	2.12500	0.000000E+00
2826	383.301	10.1250	0.000000E+00
2827	395.456	9.12500	0.000000E+00
2828	384.732	-0.556850	0.000000E+00
2829	384.732	0.193150	0.000000E+00
2830	384.566	2.12500	0.000000E+00
2831	397.887	-0.893100	0.000000E+00
2832	384.566	5.62500	0.000000E+00
2833	397.887	-0.143100	0.000000E+00
2834	384.732	9.12500	0.000000E+00
2835	397.887	2.12500	-1.00000
2836	397.887	2.12500	0.000000E+00
2837	384.732	11.0569	0.000000E+00
2838	385.732	3.12500	0.000000E+00
2839	388.163	5.62500	0.000000E+00
2840	385.732	6.62500	0.000000E+00
2841	385.732	10.1250	0.000000E+00
2842	387.163	-0.623400	0.000000E+00
2843	387.163	0.126600	0.000000E+00
2844	388.163	5.62500	-1.00000
2845	386.996	2.12500	-1.00000
2846	386.996	2.12500	0.000000E+00
2847	397.887	9.12500	-1.00000
2848	397.887	9.12500	0.000000E+00
2849	386.996	5.62500	-1.00000
2850	397.887	11.3931	0.000000E+00
2851	386.996	5.62500	0.000000E+00
2852	397.887	12.1431	0.000000E+00
2853	387.163	9.12500	0.000000E+00
2854	387.163	11.1234	0.000000E+00
2855	388.163	3.12500	0.000000E+00
2856	399.602	2.12500	0.000000E+00
2857	388.163	6.62500	0.000000E+00
2858	399.602	9.12500	0.000000E+00
2859	388.163	10.1250	0.000000E+00
2860	389.593	3.12500	0.000000E+00
2861	389.593	6.62500	0.000000E+00
2862	400.317	2.12500	0.000000E+00
2863	389.593	10.1250	0.000000E+00

2864	400.317	9.12500	0.000000E+00
2865	389.594	-0.690700	0.000000E+00
2866	389.594	0.593000E-01	0.000000E+00
2867	389.427	2.12500	0.000000E+00
2868	402.748	-1.02650	0.000000E+00
2869	389.427	5.62500	0.000000E+00
2870	402.748	-0.276500	0.000000E+00
2871	389.594	9.12500	0.000000E+00
2872	402.748	2.12500	-1.00000
2873	402.748	2.12500	0.000000E+00
2874	389.594	11.1882	0.000000E+00
2875	390.594	3.12500	0.000000E+00
2876	393.025	5.62500	0.000000E+00
2877	390.594	6.62500	0.000000E+00
2878	390.594	10.1250	0.000000E+00
2879	392.025	-0.758000	0.000000E+00
2880	392.025	-0.800000E-02	0.000000E+00
2881	393.025	5.62500	-1.00000
2882	391.858	2.12500	-1.00000
2883	391.858	2.12500	0.000000E+00
2884	402.748	9.12500	-1.00000
2885	402.748	9.12500	0.000000E+00
2886	391.858	5.62500	-1.00000
2887	402.748	11.5265	0.000000E+00
2888	391.858	5.62500	0.000000E+00
2889	402.748	12.2765	0.000000E+00
2890	392.025	9.12500	0.000000E+00
2891	392.025	11.2530	0.000000E+00
2892	393.025	3.12500	0.000000E+00
2893	405.179	2.12500	0.000000E+00
2894	393.025	6.62500	0.000000E+00
2895	405.179	9.12500	0.000000E+00
2896	393.025	10.1250	0.000000E+00
2897	394.456	-0.825550	0.000000E+00
2898	394.456	-0.755500E-01	0.000000E+00
2899	407.610	-1.15800	0.000000E+00
2900	394.289	2.12500	0.000000E+00
2901	407.610	-0.398000	0.000000E+00
2902	394.289	5.62500	0.000000E+00
2903	34.5470	5.62500	-2.50000
2904	33.5470	6.62500	-2.50000
2905	407.610	2.12500	-1.00000
2906	407.610	2.12500	0.000000E+00
2907	394.456	9.12500	0.000000E+00
2908	394.456	11.3231	0.000000E+00
2909	395.456	3.12500	0.000000E+00
2910	397.887	5.62500	0.000000E+00
2911	83.0570	5.62500	-2.50000
2912	82.0570	6.62500	-2.50000
2913	395.456	6.62500	0.000000E+00
2914	395.456	10.1250	0.000000E+00
2915	396.887	-0.893100	0.000000E+00
2916	396.887	-0.143100	0.000000E+00
2917	397.887	5.62500	-1.00000
2918	396.720	2.12500	-1.00000
2919	131.587	5.62500	-2.50000
2920	130.587	6.62500	-2.50000
2921	407.610	9.12500	-1.00000
2922	407.610	9.12500	0.000000E+00
2923	396.720	2.12500	0.000000E+00
2924	407.610	11.6630	0.000000E+00
2925	396.720	5.62500	-1.00000
2926	407.610	12.4130	0.000000E+00
2927	396.720	5.62500	0.000000E+00
2928	396.887	9.12500	0.000000E+00
2929	396.887	11.3931	0.000000E+00
2930	408.110	-1.17200	0.000000E+00
2931	397.887	3.12500	0.000000E+00
2932	408.110	-0.412000	0.000000E+00
2933	397.887	6.62500	0.000000E+00
2934	408.110	2.12500	0.000000E+00
2935	397.887	10.1250	0.000000E+00
2936	399.602	3.12500	0.000000E+00
2937	399.602	6.62500	0.000000E+00
2938	399.602	10.1250	0.000000E+00
2939	399.317	-0.959800	0.000000E+00
2940	408.110	9.12500	0.000000E+00
2941	399.317	-0.209800	0.000000E+00
2942	408.110	11.6670	0.000000E+00
2943	399.151	2.12500	0.000000E+00
2944	408.110	12.4170	0.000000E+00
2945	399.151	5.62500	0.000000E+00
2946	399.317	9.12500	0.000000E+00
2947	399.317	11.4598	0.000000E+00
2948	400.317	3.12500	0.000000E+00
2949	402.748	5.62500	0.000000E+00
2950	400.317	6.62500	0.000000E+00
2951	400.317	10.1250	0.000000E+00
2952	401.748	-1.02650	0.000000E+00
2953	401.748	-0.276500	0.000000E+00
2954	402.748	5.62500	-1.00000
2955	401.582	2.12500	-1.00000
2956	401.582	2.12500	0.000000E+00
2957	401.582	5.62500	-1.00000
2958	401.582	5.62500	0.000000E+00
2959	401.748	9.12500	0.000000E+00
2960	401.748	11.5265	0.000000E+00
2961	402.748	3.12500	0.000000E+00
2962	402.748	6.62500	0.000000E+00
2963	402.748	10.1250	0.000000E+00
2964	404.179	-1.09225	0.000000E+00
2965	404.179	-0.337250	0.000000E+00
2966	404.012	2.12500	0.000000E+00
2967	404.012	5.62500	0.000000E+00
2968	404.179	9.12500	0.000000E+00

2969	404.179	11.5948	0.000000E+00
2970	405.179	3.12500	0.000000E+00
2971	407.610	5.62500	0.000000E+00
2972	405.179	6.62500	0.000000E+00
2973	405.179	10.1250	0.000000E+00
2974	406.610	-1.15800	0.000000E+00
2975	406.610	-0.398000	0.000000E+00
2976	407.610	5.62500	-1.00000
2977	406.443	2.12500	-1.00000
2978	406.443	2.12500	0.000000E+00
2979	406.443	5.62500	-1.00000
2980	406.443	5.62500	0.000000E+00
2981	406.610	9.12500	0.000000E+00
2982	406.610	11.6630	0.000000E+00
2983	407.610	3.12500	0.000000E+00
2984	407.610	6.62500	0.000000E+00
2985	407.610	10.1250	0.000000E+00
2986	407.110	-1.17200	0.000000E+00
2987	407.110	-0.412000	0.000000E+00
2988	406.943	2.12500	0.000000E+00
2989	406.943	5.62500	0.000000E+00
2990	407.110	9.12500	0.000000E+00
2991	407.110	11.6670	0.000000E+00
2992	0.500000	5.62500	0.277556E-16
2993	0.500000	4.62500	-1.00000
2994	5.22100	5.62500	0.277556E-16
2995	5.22100	4.62500	-1.00000
2996	9.94200	5.62500	0.277556E-16
2997	9.94200	4.62500	-1.00000
2998	14.6630	5.62500	0.277556E-16
2999	14.6630	4.62500	-1.00000
3000	19.3840	5.62500	0.277556E-16
3001	19.3840	4.62500	-1.00000
3002	24.1050	5.62500	0.277556E-16
3003	24.1050	4.62500	-1.00000
3004	28.8260	5.62500	0.277556E-16
3005	28.8260	4.62500	-1.00000
3006	33.5470	5.62500	0.277556E-16
3007	33.5470	4.62500	-1.00000
3008	38.3980	5.62500	0.277556E-16
3009	38.3980	4.62500	-1.00000
3010	43.2490	5.62500	0.277556E-16
3011	43.2490	4.62500	-1.00000
3012	48.1000	5.62500	0.277556E-16
3013	48.1000	4.62500	-1.00000
3014	52.9510	5.62500	0.277556E-16
3015	52.9510	4.62500	-1.00000
3016	57.8020	5.62500	0.277556E-16
3017	57.8020	4.62500	-1.00000
3018	62.6530	5.62500	0.277556E-16
3019	62.6530	4.62500	-1.00000
3020	67.5040	5.62500	0.277556E-16
3021	67.5040	4.62500	-1.00000
3022	72.3550	5.62500	0.277556E-16
3023	72.3550	4.62500	-1.00000
3024	77.2060	5.62500	0.277556E-16
3025	77.2060	4.62500	-1.00000
3026	82.0570	5.62500	0.277556E-16
3027	82.0570	4.62500	-1.00000
3028	86.9100	5.62500	0.277556E-16
3029	86.9100	4.62500	-1.00000
3030	91.7630	5.62500	0.277556E-16
3031	91.7630	4.62500	-1.00000
3032	96.6160	5.62500	0.277556E-16
3033	96.6160	4.62500	-1.00000
3034	101.469	5.62500	0.277556E-16
3035	101.469	4.62500	-1.00000
3036	106.322	5.62500	0.277556E-16
3037	106.322	4.62500	-1.00000
3038	111.175	5.62500	0.277556E-16
3039	111.175	4.62500	-1.00000
3040	116.028	5.62500	0.277556E-16
3041	116.028	4.62500	-1.00000
3042	120.881	5.62500	0.277556E-16
3043	120.881	4.62500	-1.00000
3044	125.734	5.62500	0.277556E-16
3045	125.734	4.62500	-1.00000
3046	130.587	5.62500	0.277556E-16
3047	130.587	4.62500	-1.00000
3048	135.442	5.62500	0.277556E-16
3049	135.442	4.62500	-1.00000
3050	140.297	5.62500	0.277556E-16
3051	140.297	4.62500	-1.00000
3052	145.152	5.62500	0.277556E-16
3053	145.152	4.62500	-1.00000
3054	150.007	5.62500	0.277556E-16
3055	150.007	4.62500	-1.00000
3056	154.862	5.62500	0.277556E-16
3057	154.862	4.62500	-1.00000
3058	159.717	5.62500	0.277556E-16
3059	159.717	4.62500	-1.00000
3060	164.572	5.62500	0.277556E-16
3061	164.572	4.62500	-1.00000
3062	169.427	5.62500	0.277556E-16
3063	169.427	4.62500	-1.00000
3064	174.282	5.62500	0.277556E-16
3065	174.282	4.62500	-1.00000
3066	179.137	5.62500	0.277556E-16
3067	179.137	4.62500	-1.00000
3068	183.994	5.62500	0.277556E-16
3069	183.994	4.62500	-1.00000
3070	188.851	5.62500	0.277556E-16
3071	188.851	4.62500	-1.00000
3072	193.708	5.62500	0.277556E-16
3073	193.708	4.62500	-1.00000

3074	198.565	5.62500	0.277556E-16
3075	198.565	4.62500	-1.00000
3076	203.422	5.62500	0.277556E-16
3077	203.422	4.62500	-1.00000
3078	208.279	5.62500	0.277556E-16
3079	208.279	4.62500	-1.00000
3080	213.136	5.62500	0.277556E-16
3081	213.136	4.62500	-1.00000
3082	217.993	5.62500	0.277556E-16
3083	217.993	4.62500	-1.00000
3084	222.850	5.62500	0.277556E-16
3085	222.850	4.62500	-1.00000
3086	227.707	5.62500	0.277556E-16
3087	227.707	4.62500	-1.00000
3088	232.565	5.62500	0.277556E-16
3089	232.565	4.62500	-1.00000
3090	237.423	5.62500	0.277556E-16
3091	237.423	4.62500	-1.00000
3092	242.281	5.62500	0.277556E-16
3093	242.281	4.62500	-1.00000
3094	247.139	5.62500	0.277556E-16
3095	247.139	4.62500	-1.00000
3096	251.997	5.62500	0.277556E-16
3097	251.997	4.62500	-1.00000
3098	256.855	5.62500	0.277556E-16
3099	256.855	4.62500	-1.00000
3100	261.713	5.62500	0.277556E-16
3101	261.713	4.62500	-1.00000
3102	266.571	5.62500	0.277556E-16
3103	266.571	4.62500	-1.00000
3104	271.429	5.62500	0.277556E-16
3105	271.429	4.62500	-1.00000
3106	276.287	5.62500	0.277556E-16
3107	276.287	4.62500	-1.00000
3108	281.146	5.62500	0.277556E-16
3109	281.146	4.62500	-1.00000
3110	286.005	5.62500	0.277556E-16
3111	286.005	4.62500	-1.00000
3112	290.864	5.62500	0.277556E-16
3113	290.864	4.62500	-1.00000
3114	295.723	5.62500	0.277556E-16
3115	295.723	4.62500	-1.00000
3116	300.582	5.62500	0.277556E-16
3117	300.582	4.62500	-1.00000
3118	305.441	5.62500	0.277556E-16
3119	305.441	4.62500	-1.00000
3120	310.300	5.62500	0.277556E-16
3121	310.300	4.62500	-1.00000
3122	315.159	5.62500	0.277556E-16
3123	315.159	4.62500	-1.00000
3124	320.018	5.62500	0.277556E-16
3125	320.018	4.62500	-1.00000
3126	324.877	5.62500	0.277556E-16
3127	324.877	4.62500	-1.00000
3128	329.736	5.62500	0.277556E-16
3129	329.736	4.62500	-1.00000
3130	334.595	5.62500	0.277556E-16
3131	334.595	4.62500	-1.00000
3132	339.454	5.62500	0.277556E-16
3133	339.454	4.62500	-1.00000
3134	344.313	5.62500	0.277556E-16
3135	344.313	4.62500	-1.00000
3136	349.172	5.62500	0.277556E-16
3137	349.172	4.62500	-1.00000
3138	354.031	5.62500	0.277556E-16
3139	354.031	4.62500	-1.00000
3140	358.890	5.62500	0.277556E-16
3141	358.890	4.62500	-1.00000
3142	363.749	5.62500	0.277556E-16
3143	363.749	4.62500	-1.00000
3144	368.723	5.62500	0.277556E-16
3145	368.723	4.62500	-1.00000
3146	373.578	5.62500	0.277556E-16
3147	373.578	4.62500	-1.00000
3148	378.440	5.62500	0.277556E-16
3149	378.440	4.62500	-1.00000
3150	383.301	5.62500	0.277556E-16
3151	383.301	4.62500	-1.00000
3152	388.163	5.62500	0.277556E-16
3153	388.163	4.62500	-1.00000
3154	393.025	5.62500	0.277556E-16
3155	393.025	4.62500	-1.00000
3156	397.887	5.62500	0.277556E-16
3157	397.887	4.62500	-1.00000
3158	402.748	5.62500	0.277556E-16
3159	402.748	4.62500	-1.00000
3160	407.610	5.62500	0.277556E-16
3161	407.610	4.62500	-1.00000
3162	1.50000	5.62500	0.000000E+00
3163	0.500000	6.62500	0.000000E+00
3164	6.22100	5.62500	0.000000E+00
3165	5.22100	6.62500	0.000000E+00
3166	10.94200	5.62500	0.000000E+00
3167	9.94200	6.62500	0.000000E+00
3168	15.6630	5.62500	0.000000E+00
3169	14.6630	6.62500	0.000000E+00
3170	20.3840	5.62500	0.000000E+00
3171	19.3840	6.62500	0.000000E+00
3172	25.1050	5.62500	0.000000E+00
3173	24.1050	6.62500	0.000000E+00
3174	29.8260	5.62500	0.000000E+00
3175	28.8260	6.62500	0.000000E+00
3176	34.5470	5.62500	0.000000E+00
3177	33.5470	6.62500	0.000000E+00
3178	39.3980	5.62500	0.000000E+00



3179	38.3980	6.62500	0.000000E+00
3180	44.2490	5.62500	0.000000E+00
3181	43.2490	6.62500	0.000000E+00
3182	49.1000	5.62500	0.000000E+00
3183	48.1000	6.62500	0.000000E+00
3184	53.9510	5.62500	0.000000E+00
3185	52.9510	6.62500	0.000000E+00
3186	58.8020	5.62500	0.000000E+00
3187	57.8020	6.62500	0.000000E+00
3188	63.6530	5.62500	0.000000E+00
3189	62.6530	6.62500	0.000000E+00
3190	68.5040	5.62500	0.000000E+00
3191	67.5040	6.62500	0.000000E+00
3192	73.3550	5.62500	0.000000E+00
3193	72.3550	6.62500	0.000000E+00
3194	78.2060	5.62500	0.000000E+00
3195	77.2060	6.62500	0.000000E+00
3196	83.0570	5.62500	0.000000E+00
3197	82.0570	6.62500	0.000000E+00
3198	87.9100	5.62500	0.000000E+00
3199	86.9100	6.62500	0.000000E+00
3200	92.7630	5.62500	0.000000E+00
3201	91.7630	6.62500	0.000000E+00
3202	97.6160	5.62500	0.000000E+00
3203	96.6160	6.62500	0.000000E+00
3204	102.469	5.62500	0.000000E+00
3205	101.469	6.62500	0.000000E+00
3206	107.322	5.62500	0.000000E+00
3207	106.322	6.62500	0.000000E+00
3208	112.175	5.62500	0.000000E+00
3209	111.175	6.62500	0.000000E+00
3210	117.028	5.62500	0.000000E+00
3211	116.028	6.62500	0.000000E+00
3212	121.881	5.62500	0.000000E+00
3213	120.881	6.62500	0.000000E+00
3214	126.734	5.62500	0.000000E+00
3215	125.734	6.62500	0.000000E+00
3216	131.587	5.62500	0.000000E+00
3217	130.587	6.62500	0.000000E+00
3218	136.442	5.62500	0.000000E+00
3219	135.442	6.62500	0.000000E+00
3220	141.297	5.62500	0.000000E+00
3221	140.297	6.62500	0.000000E+00
3222	146.152	5.62500	0.000000E+00
3223	145.152	6.62500	0.000000E+00
3224	151.007	5.62500	0.000000E+00
3225	150.007	6.62500	0.000000E+00
3226	155.862	5.62500	0.000000E+00
3227	154.862	6.62500	0.000000E+00
3228	160.717	5.62500	0.000000E+00
3229	159.717	6.62500	0.000000E+00
3230	165.572	5.62500	0.000000E+00
3231	164.572	6.62500	0.000000E+00
3232	170.427	5.62500	0.000000E+00
3233	169.427	6.62500	0.000000E+00
3234	175.282	5.62500	0.000000E+00
3235	174.282	6.62500	0.000000E+00
3236	180.137	5.62500	0.000000E+00
3237	179.137	6.62500	0.000000E+00
3238	184.994	5.62500	0.000000E+00
3239	183.994	6.62500	0.000000E+00
3240	189.851	5.62500	0.000000E+00
3241	188.851	6.62500	0.000000E+00
3242	194.708	5.62500	0.000000E+00
3243	193.708	6.62500	0.000000E+00
3244	199.565	5.62500	0.000000E+00
3245	198.565	6.62500	0.000000E+00
3246	204.422	5.62500	0.000000E+00
3247	203.422	6.62500	0.000000E+00
3248	209.279	5.62500	0.000000E+00
3249	208.279	6.62500	0.000000E+00
3250	214.136	5.62500	0.000000E+00
3251	213.136	6.62500	0.000000E+00
3252	218.993	5.62500	0.000000E+00
3253	217.993	6.62500	0.000000E+00
3254	223.850	5.62500	0.000000E+00
3255	222.850	6.62500	0.000000E+00
3256	228.707	5.62500	0.000000E+00
3257	227.707	6.62500	0.000000E+00
3258	233.565	5.62500	0.000000E+00
3259	232.565	6.62500	0.000000E+00
3260	238.423	5.62500	0.000000E+00
3261	237.423	6.62500	0.000000E+00
3262	243.281	5.62500	0.000000E+00
3263	242.281	6.62500	0.000000E+00
3264	248.139	5.62500	0.000000E+00
3265	247.139	6.62500	0.000000E+00
3266	252.997	5.62500	0.000000E+00
3267	251.997	6.62500	0.000000E+00
3268	257.855	5.62500	0.000000E+00
3269	256.855	6.62500	0.000000E+00
3270	262.713	5.62500	0.000000E+00
3271	261.713	6.62500	0.000000E+00
3272	267.571	5.62500	0.000000E+00
3273	266.571	6.62500	0.000000E+00
3274	272.429	5.62500	0.000000E+00
3275	271.429	6.62500	0.000000E+00
3276	277.287	5.62500	0.000000E+00
3277	276.287	6.62500	0.000000E+00
3278	282.146	5.62500	0.000000E+00
3279	281.146	6.62500	0.000000E+00
3280	287.005	5.62500	0.000000E+00
3281	286.005	6.62500	0.000000E+00
3282	291.864	5.62500	0.000000E+00
3283	290.864	6.62500	0.000000E+00

3284	296.723	5.62500	0.000000E+00
3285	295.723	6.62500	0.000000E+00
3286	301.582	5.62500	0.000000E+00
3287	300.582	6.62500	0.000000E+00
3288	306.441	5.62500	0.000000E+00
3289	305.441	6.62500	0.000000E+00
3290	311.300	5.62500	0.000000E+00
3291	310.300	6.62500	0.000000E+00
3292	316.159	5.62500	0.000000E+00
3293	315.159	6.62500	0.000000E+00
3294	321.018	5.62500	0.000000E+00
3295	320.018	6.62500	0.000000E+00
3296	325.877	5.62500	0.000000E+00
3297	324.877	6.62500	0.000000E+00
3298	330.736	5.62500	0.000000E+00
3299	329.736	6.62500	0.000000E+00
3300	335.595	5.62500	0.000000E+00
3301	334.595	6.62500	0.000000E+00
3302	340.454	5.62500	0.000000E+00
3303	339.454	6.62500	0.000000E+00
3304	345.313	5.62500	0.000000E+00
3305	344.313	6.62500	0.000000E+00
3306	350.172	5.62500	0.000000E+00
3307	349.172	6.62500	0.000000E+00
3308	355.031	5.62500	0.000000E+00
3309	354.031	6.62500	0.000000E+00
3310	359.890	5.62500	0.000000E+00
3311	358.890	6.62500	0.000000E+00
3312	364.749	5.62500	0.000000E+00
3313	363.749	6.62500	0.000000E+00
3314	369.723	5.62500	0.000000E+00
3315	368.723	6.62500	0.000000E+00
3316	374.578	5.62500	0.000000E+00
3317	373.578	6.62500	0.000000E+00
3318	379.440	5.62500	0.000000E+00
3319	378.440	6.62500	0.000000E+00
3320	384.301	5.62500	0.000000E+00
3321	383.301	6.62500	0.000000E+00
3322	389.163	5.62500	0.000000E+00
3323	388.163	6.62500	0.000000E+00
3324	394.025	5.62500	0.000000E+00
3325	393.025	6.62500	0.000000E+00
3326	398.887	5.62500	0.000000E+00
3327	397.887	6.62500	0.000000E+00
3328	403.748	5.62500	0.000000E+00
3329	402.748	6.62500	0.000000E+00
3330	408.610	5.62500	0.000000E+00
3331	407.610	6.62500	0.000000E+00
3743	180.137	5.62500	-2.50000
3744	179.137	6.62500	-2.50000
3745	228.707	5.62500	-2.50000
3746	227.707	6.62500	-2.50000
3747	277.287	5.62500	-2.50000
3748	276.287	6.62500	-2.50000
3749	325.877	5.62500	-2.50000
3750	324.877	6.62500	-2.50000
3751	374.578	5.62500	-2.50000
3752	373.578	6.62500	-2.50000
3753	406.610	5.62500	-2.50000
3754	407.610	4.62500	-2.50000
8152	2.86050	0.750000	0.000000E+00
8154	7.58150	0.750000	0.000000E+00
8155	12.3025	0.750000	0.000000E+00
8156	17.0235	0.750000	0.000000E+00
8157	21.7445	0.750000	0.000000E+00
8158	26.4655	0.750000	0.000000E+00
8159	31.1865	0.750000	0.000000E+00
8161	35.9725	0.750000	0.000000E+00
8162	40.8235	0.750000	0.000000E+00
8163	45.6745	0.750000	0.000000E+00
8164	50.5255	0.750000	0.000000E+00
8166	55.3765	0.750000	0.000000E+00
8167	60.2275	0.750000	0.000000E+00
8168	65.0785	0.750000	0.000000E+00
8169	69.9295	0.750000	0.000000E+00
8170	74.7805	0.750000	0.000000E+00
8171	79.6315	0.750000	0.000000E+00
8172	84.4835	0.750000	0.000000E+00
8180	89.3365	0.750000	0.000000E+00
8182	94.1895	0.750000	0.000000E+00
8183	99.0425	0.750000	0.000000E+00
8184	103.896	0.750000	0.000000E+00
8185	108.749	0.750000	0.000000E+00
8186	113.602	0.750000	0.000000E+00
8187	118.455	0.750000	0.000000E+00
8189	123.307	0.750000	0.000000E+00
8190	128.160	0.750000	0.000000E+00
8191	133.015	0.750000	0.000000E+00
8192	137.869	0.750000	0.000000E+00
8194	142.724	0.750000	0.000000E+00
8195	147.579	0.750000	0.000000E+00
8198	152.435	0.750000	0.000000E+00
8201	157.290	0.750000	0.000000E+00
8205	162.144	0.750000	0.000000E+00
8206	166.999	0.750000	0.000000E+00
8211	171.855	0.750000	0.000000E+00
8214	176.710	0.750000	0.000000E+00
8215	181.566	0.750000	0.000000E+00
8218	186.423	0.750000	0.000000E+00
8219	191.279	0.750000	0.000000E+00
8223	196.136	0.750000	0.000000E+00
8225	200.994	0.750000	0.000000E+00
8226	205.850	0.750000	0.000000E+00
8228	210.708	0.750000	0.000000E+00
8229	215.564	0.750000	0.000000E+00

8231	220.422	0.750000	0.000000E+00
8232	225.278	0.750000	0.000000E+00
8234	230.136	0.750000	0.000000E+00
8238	234.994	0.750000	0.000000E+00
8249	239.852	0.750000	0.000000E+00
8264	244.710	0.750000	0.000000E+00
8296	249.568	0.750000	0.000000E+00
8302	254.426	0.750000	0.000000E+00
8318	259.284	0.750000	0.000000E+00
8321	264.142	0.750000	0.000000E+00
8470	269.000	0.750000	0.000000E+00
8471	273.858	0.750000	0.000000E+00
8477	278.717	0.750000	0.000000E+00
8478	283.575	0.750000	0.000000E+00
8481	288.434	0.750000	0.000000E+00
8482	293.293	0.750000	0.000000E+00
8485	298.152	0.750000	0.000000E+00
8486	303.012	0.750000	0.000000E+00
8489	307.870	0.750000	0.000000E+00
8490	312.730	0.750000	0.000000E+00
8509	317.588	0.750000	0.000000E+00
8510	322.447	0.750000	0.000000E+00
8513	327.306	0.750000	0.000000E+00
8514	332.165	0.750000	0.000000E+00
8517	337.024	0.750000	0.000000E+00
8518	341.883	0.750000	0.000000E+00
8521	346.743	0.750000	0.000000E+00
8524	351.601	0.750000	0.000000E+00
8525	356.460	0.750000	0.000000E+00
8528	361.320	0.750000	0.000000E+00
8529	366.236	0.709000	0.000000E+00
8532	371.150	0.601500	0.000000E+00
8533	376.009	0.469000	0.000000E+00
8549	380.871	0.331350	0.000000E+00
8550	385.732	0.193150	0.000000E+00
8553	390.594	0.593000E-01	0.000000E+00
8554	395.456	-0.755500E-01	0.000000E+00
8557	400.317	-0.209800	0.000000E+00
8558	405.179	-0.337250	0.000000E+00
8697	2.86050	10.5000	0.000000E+00
8750	7.58150	10.5000	0.000000E+00
8776	12.3025	10.5000	0.000000E+00
8779	17.0235	10.5000	0.000000E+00
8794	21.7445	10.5000	0.000000E+00
8804	26.4655	10.5000	0.000000E+00
8827	31.1865	10.5000	0.000000E+00
8830	35.9725	10.5000	0.000000E+00
8833	40.8235	10.5000	0.000000E+00
8967	74.7805	10.5000	0.000000E+00
8970	79.6315	10.5000	0.000000E+00
8973	84.4835	10.5000	0.000000E+00
8976	89.3365	10.5000	0.000000E+00
8978	94.1895	10.5000	0.000000E+00
8985	45.6745	10.5000	0.000000E+00
8987	50.5255	10.5000	0.000000E+00
8992	366.236	10.5410	0.000000E+00
8996	55.3765	10.5000	0.000000E+00
8998	60.2275	10.5000	0.000000E+00
9000	65.0785	10.5000	0.000000E+00
9002	69.9295	10.5000	0.000000E+00
9009	99.0425	10.5000	0.000000E+00
9012	103.896	10.5000	0.000000E+00
9015	108.749	10.5000	0.000000E+00
9018	113.602	10.5000	0.000000E+00
9024	371.150	10.6485	0.000000E+00
9026	376.009	10.7810	0.000000E+00
9028	380.871	10.9186	0.000000E+00
9030	385.732	11.0569	0.000000E+00
9033	118.455	10.5000	0.000000E+00
9037	390.594	11.1882	0.000000E+00
9041	123.307	10.5000	0.000000E+00
9043	395.456	11.3231	0.000000E+00
9048	400.317	11.4598	0.000000E+00
9062	128.160	10.5000	0.000000E+00
9065	133.015	10.5000	0.000000E+00
9068	137.869	10.5000	0.000000E+00
9071	142.724	10.5000	0.000000E+00
9074	147.579	10.5000	0.000000E+00
9081	152.435	10.5000	0.000000E+00
9083	157.290	10.5000	0.000000E+00
9085	162.144	10.5000	0.000000E+00
9087	166.999	10.5000	0.000000E+00
9089	171.855	10.5000	0.000000E+00
9096	176.710	10.5000	0.000000E+00
9098	181.566	10.5000	0.000000E+00
9100	186.423	10.5000	0.000000E+00
9102	191.279	10.5000	0.000000E+00
9104	196.136	10.5000	0.000000E+00
9106	200.994	10.5000	0.000000E+00
9226	405.179	11.5948	0.000000E+00
9228	205.850	10.5000	0.000000E+00
9230	210.708	10.5000	0.000000E+00
9232	215.564	10.5000	0.000000E+00
9234	220.422	10.5000	0.000000E+00
9236	225.278	10.5000	0.000000E+00
9241	230.136	10.5000	0.000000E+00
9243	234.994	10.5000	0.000000E+00
9245	239.852	10.5000	0.000000E+00
9248	244.710	10.5000	0.000000E+00
9251	249.568	10.5000	0.000000E+00
9254	254.426	10.5000	0.000000E+00
9256	259.284	10.5000	0.000000E+00
9260	264.142	10.5000	0.000000E+00
9269	269.000	10.5000	0.000000E+00
9272	273.858	10.5000	0.000000E+00

9275	278.717	10.5000	0.000000E+00
9278	283.575	10.5000	0.000000E+00
9283	288.434	10.5000	0.000000E+00
9285	293.293	10.5000	0.000000E+00
9287	298.152	10.5000	0.000000E+00
9289	303.012	10.5000	0.000000E+00
9291	307.870	10.5000	0.000000E+00
9295	312.730	10.5000	0.000000E+00
9299	317.588	10.5000	0.000000E+00
9302	322.447	10.5000	0.000000E+00
9305	327.306	10.5000	0.000000E+00
9308	332.165	10.5000	0.000000E+00
9315	337.024	10.5000	0.000000E+00
9318	341.883	10.5000	0.000000E+00
9321	346.743	10.5000	0.000000E+00
9324	351.601	10.5000	0.000000E+00
9327	356.460	10.5000	0.000000E+00
9333	361.320	10.5000	0.000000E+00
9974	2.86050	0.000000E+00	0.000000E+00
9976	2.86050	11.2500	0.000000E+00
9977	7.58150	0.000000E+00	0.000000E+00
9980	7.58150	11.2500	0.000000E+00
9981	12.3025	0.000000E+00	0.000000E+00
9983	12.3025	11.2500	0.000000E+00
9984	17.0235	0.000000E+00	0.000000E+00
9986	17.0235	11.2500	0.000000E+00
9987	21.7445	0.000000E+00	0.000000E+00
9989	21.7445	11.2500	0.000000E+00
9991	26.4655	0.000000E+00	0.000000E+00
9992	26.4655	11.2500	0.000000E+00
9993	31.1865	0.000000E+00	0.000000E+00
9994	31.1865	11.2500	0.000000E+00
9995	35.9725	0.000000E+00	0.000000E+00
9996	35.9725	11.2500	0.000000E+00
9997	40.8235	0.000000E+00	0.000000E+00
9998	40.8235	11.2500	0.000000E+00
9999	45.6745	0.000000E+00	0.000000E+00
10000	45.6745	11.2500	0.000000E+00
10001	50.5255	0.000000E+00	0.000000E+00
10002	50.5255	11.2500	0.000000E+00
10003	55.3765	0.000000E+00	0.000000E+00
10004	55.3765	11.2500	0.000000E+00
10006	60.2275	0.000000E+00	0.000000E+00
10007	60.2275	11.2500	0.000000E+00
10008	65.0785	0.000000E+00	0.000000E+00
10009	65.0785	11.2500	0.000000E+00
10010	69.9295	0.000000E+00	0.000000E+00
10011	69.9295	11.2500	0.000000E+00
10012	74.7805	0.000000E+00	0.000000E+00
10013	74.7805	11.2500	0.000000E+00
10014	79.6315	0.000000E+00	0.000000E+00
10015	79.6315	11.2500	0.000000E+00
10016	84.4835	0.000000E+00	0.000000E+00
10017	84.4835	11.2500	0.000000E+00
10018	89.3365	0.000000E+00	0.000000E+00
10019	89.3365	11.2500	0.000000E+00
10021	94.1895	0.000000E+00	0.000000E+00
10022	94.1895	11.2500	0.000000E+00
10023	99.0425	0.000000E+00	0.000000E+00
10024	99.0425	11.2500	0.000000E+00
10025	103.896	0.000000E+00	0.000000E+00
10026	103.896	11.2500	0.000000E+00
10027	108.749	0.000000E+00	0.000000E+00
10028	108.749	11.2500	0.000000E+00
10029	113.602	0.000000E+00	0.000000E+00
10030	113.602	11.2500	0.000000E+00
10031	118.455	0.000000E+00	0.000000E+00
10032	118.455	11.2500	0.000000E+00
10033	123.307	0.000000E+00	0.000000E+00
10034	123.307	11.2500	0.000000E+00
10035	128.160	0.000000E+00	0.000000E+00
10038	128.160	11.2500	0.000000E+00
10040	133.015	0.000000E+00	0.000000E+00
10041	133.015	11.2500	0.000000E+00
10042	137.869	0.000000E+00	0.000000E+00
10043	137.869	11.2500	0.000000E+00
10044	142.724	0.000000E+00	0.000000E+00
10045	142.724	11.2500	0.000000E+00
10046	147.579	0.000000E+00	0.000000E+00
10047	147.579	11.2500	0.000000E+00
10048	152.435	0.000000E+00	0.000000E+00
10049	152.435	11.2500	0.000000E+00
10050	157.290	0.000000E+00	0.000000E+00
10051	157.290	11.2500	0.000000E+00
10052	162.144	0.000000E+00	0.000000E+00
10053	162.144	11.2500	0.000000E+00
10055	166.999	0.000000E+00	0.000000E+00
10056	166.999	11.2500	0.000000E+00
10057	171.855	0.000000E+00	0.000000E+00
10058	171.855	11.2500	0.000000E+00
10059	176.710	0.000000E+00	0.000000E+00
10060	176.710	11.2500	0.000000E+00
10061	181.566	0.000000E+00	0.000000E+00
10062	181.566	11.2500	0.000000E+00
10063	186.423	0.000000E+00	0.000000E+00
10064	186.423	11.2500	0.000000E+00
10065	191.279	0.000000E+00	0.000000E+00
10066	191.279	11.2500	0.000000E+00
10067	196.136	0.000000E+00	0.000000E+00
10068	196.136	11.2500	0.000000E+00
10070	200.994	0.000000E+00	0.000000E+00
10071	200.994	11.2500	0.000000E+00
10072	205.850	0.000000E+00	0.000000E+00
10073	205.850	11.2500	0.000000E+00
10074	210.708	0.000000E+00	0.000000E+00

10075	210.708	11.2500	0.000000E+00
10076	215.564	0.000000E+00	0.000000E+00
10077	215.564	11.2500	0.000000E+00
10078	220.422	0.000000E+00	0.000000E+00
10079	220.422	11.2500	0.000000E+00
10080	225.278	0.000000E+00	0.000000E+00
10081	225.278	11.2500	0.000000E+00
10082	230.136	0.000000E+00	0.000000E+00
10083	230.136	11.2500	0.000000E+00
10084	234.994	0.000000E+00	0.000000E+00
10087	234.994	11.2500	0.000000E+00
10088	239.852	0.000000E+00	0.000000E+00
10090	239.852	11.2500	0.000000E+00
10091	244.710	0.000000E+00	0.000000E+00
10093	244.710	11.2500	0.000000E+00
10094	249.568	0.000000E+00	0.000000E+00
10096	249.568	11.2500	0.000000E+00
10097	254.426	0.000000E+00	0.000000E+00
10100	254.426	11.2500	0.000000E+00
10101	259.284	0.000000E+00	0.000000E+00
10102	259.284	11.2500	0.000000E+00
10103	264.142	0.000000E+00	0.000000E+00
10104	264.142	11.2500	0.000000E+00
10105	269.000	0.000000E+00	0.000000E+00
10106	269.000	11.2500	0.000000E+00
10107	273.858	0.000000E+00	0.000000E+00
10108	273.858	11.2500	0.000000E+00
10109	278.717	0.000000E+00	0.000000E+00
10110	278.717	11.2500	0.000000E+00
10112	283.575	0.000000E+00	0.000000E+00
10113	283.575	11.2500	0.000000E+00
10114	288.434	0.000000E+00	0.000000E+00
10115	288.434	11.2500	0.000000E+00
10116	293.293	0.000000E+00	0.000000E+00
10117	293.293	11.2500	0.000000E+00
10118	298.152	0.000000E+00	0.000000E+00
10119	298.152	11.2500	0.000000E+00
10120	303.012	0.000000E+00	0.000000E+00
10121	303.012	11.2500	0.000000E+00
10122	307.870	0.000000E+00	0.000000E+00
10124	307.870	11.2500	0.000000E+00
10125	312.730	0.000000E+00	0.000000E+00
10126	312.730	11.2500	0.000000E+00
10127	317.588	0.000000E+00	0.000000E+00
10128	317.588	11.2500	0.000000E+00
10129	322.447	0.000000E+00	0.000000E+00
10130	322.447	11.2500	0.000000E+00
10131	327.306	0.000000E+00	0.000000E+00
10132	327.306	11.2500	0.000000E+00
10133	332.165	0.000000E+00	0.000000E+00
10134	332.165	11.2500	0.000000E+00
10136	337.024	0.000000E+00	0.000000E+00
10138	337.024	11.2500	0.000000E+00
10139	341.883	0.000000E+00	0.000000E+00
10140	341.883	11.2500	0.000000E+00
10141	346.743	0.000000E+00	0.000000E+00
10142	346.743	11.2500	0.000000E+00
10143	351.601	0.000000E+00	0.000000E+00
10144	351.601	11.2500	0.000000E+00
10145	356.460	0.000000E+00	0.000000E+00
10146	356.460	11.2500	0.000000E+00
10147	361.320	0.000000E+00	0.000000E+00
10148	361.320	11.2500	0.000000E+00
10149	366.236	-0.410000E-01	0.000000E+00
10150	366.236	11.2910	0.000000E+00
10151	371.150	-0.148500	0.000000E+00
10153	371.150	11.3985	0.000000E+00
10154	376.009	-0.281000	0.000000E+00
10155	376.009	11.5310	0.000000E+00
10156	380.871	-0.418650	0.000000E+00
10157	380.871	11.6686	0.000000E+00
10158	385.732	-0.556850	0.000000E+00
10159	385.732	11.8069	0.000000E+00
10160	390.594	-0.690700	0.000000E+00
10161	390.594	11.9382	0.000000E+00
10162	395.456	-0.825550	0.000000E+00
10163	395.456	12.0730	0.000000E+00
10164	400.317	-0.959800	0.000000E+00
10165	400.317	12.2098	0.000000E+00
10166	405.179	-1.09225	0.000000E+00
10168	405.179	12.3447	0.000000E+00
10169	0.000000E+00	0.000000E+00	0.000000E+00
10171	0.000000E+00	0.750000	0.000000E+00
10173	0.000000E+00	2.12500	0.000000E+00
10179	0.000000E+00	9.12500	0.000000E+00
10181	0.000000E+00	10.5000	0.000000E+00
10183	0.000000E+00	11.2500	0.000000E+00
10187	0.500000	0.000000E+00	0.000000E+00
10189	0.500000	0.750000	0.000000E+00
10193	0.500000	2.12500	-1.00000
10194	0.500000	2.12500	0.000000E+00
10209	0.500000	9.12500	-1.00000
10210	0.500000	9.12500	0.000000E+00
10212	0.500000	10.5000	0.000000E+00
10214	0.500000	11.2500	0.000000E+00
10218	2.86050	2.12500	0.000000E+00
10220	2.86050	9.12500	0.000000E+00
10224	5.22100	0.000000E+00	0.000000E+00
10226	5.22100	0.750000	0.000000E+00
10228	5.22100	2.12500	-1.00000
10229	5.22100	2.12500	0.000000E+00
10240	5.22100	9.12500	-1.00000
10241	5.22100	9.12500	0.000000E+00
10243	5.22100	10.5000	0.000000E+00
10245	5.22100	11.2500	0.000000E+00

10249	7.54900	2.12500	0.000000E+00
10251	7.54900	9.12500	0.000000E+00
10255	7.58150	2.12500	0.000000E+00
10257	7.58150	9.12500	0.000000E+00
10261	9.94200	0.000000E+00	0.000000E+00
10263	9.94200	0.750000	0.000000E+00
10265	9.94200	2.12500	-1.00000
10266	9.94200	2.12500	0.000000E+00
10277	9.94200	9.12500	-1.00000
10278	9.94200	9.12500	0.000000E+00
10280	9.94200	10.5000	0.000000E+00
10282	9.94200	11.2500	0.000000E+00
10286	12.3025	2.12500	0.000000E+00
10288	12.3025	9.12500	0.000000E+00
10292	14.6630	0.000000E+00	0.000000E+00
10294	14.6630	0.750000	0.000000E+00
10296	14.6630	2.12500	-1.00000
10297	14.6630	2.12500	0.000000E+00
10308	14.6630	9.12500	-1.00000
10309	14.6630	9.12500	0.000000E+00
10311	14.6630	10.5000	0.000000E+00
10313	14.6630	11.2500	0.000000E+00
10317	17.0235	2.12500	0.000000E+00
10319	17.0235	9.12500	0.000000E+00
10323	17.5480	2.12500	0.000000E+00
10325	17.5480	9.12500	0.000000E+00
10329	19.3840	0.000000E+00	0.000000E+00
10331	19.3840	0.750000	0.000000E+00
10333	19.3840	2.12500	-1.00000
10334	19.3840	2.12500	0.000000E+00
10345	19.3840	9.12500	-1.00000
10346	19.3840	9.12500	0.000000E+00
10348	19.3840	10.5000	0.000000E+00
10350	19.3840	11.2500	0.000000E+00
10354	21.7445	2.12500	0.000000E+00
10356	21.7445	9.12500	0.000000E+00
10360	24.1050	0.000000E+00	0.000000E+00
10362	24.1050	0.750000	0.000000E+00
10364	24.1050	2.12500	-1.00000
10365	24.1050	2.12500	0.000000E+00
10376	24.1050	9.12500	-1.00000
10377	24.1050	9.12500	0.000000E+00
10379	24.1050	10.5000	0.000000E+00
10381	24.1050	11.2500	0.000000E+00
10385	26.4655	2.12500	0.000000E+00
10387	26.4655	9.12500	0.000000E+00
10391	27.5470	2.12500	0.000000E+00
10393	27.5470	9.12500	0.000000E+00
10397	28.8260	0.000000E+00	0.000000E+00
10399	28.8260	0.750000	0.000000E+00
10401	28.8260	2.12500	-1.00000
10402	28.8260	2.12500	0.000000E+00
10413	28.8260	9.12500	-1.00000
10414	28.8260	9.12500	0.000000E+00
10416	28.8260	10.5000	0.000000E+00
10418	28.8260	11.2500	0.000000E+00
10422	31.1865	2.12500	0.000000E+00
10424	31.1865	9.12500	0.000000E+00
10428	33.5470	0.000000E+00	0.000000E+00
10430	33.5470	0.750000	0.000000E+00
10434	33.5470	2.12500	-1.00000
10435	33.5470	2.12500	0.000000E+00
10450	33.5470	9.12500	-1.00000
10451	33.5470	9.12500	0.000000E+00
10453	33.5470	10.5000	0.000000E+00
10455	33.5470	11.2500	0.000000E+00
10459	35.9725	2.12500	0.000000E+00
10461	0.000000E+00	5.62500	0.000000E+00
10464	2.86050	5.62500	0.000000E+00
10467	7.54900	5.62500	0.000000E+00
10468	7.58150	5.62500	0.000000E+00
10471	12.3025	5.62500	0.000000E+00
10474	17.0235	5.62500	0.000000E+00
10475	17.5480	5.62500	0.000000E+00
10478	21.7445	5.62500	0.000000E+00
10481	26.4655	5.62500	0.000000E+00
10482	27.5470	5.62500	0.000000E+00
10485	31.1865	5.62500	0.000000E+00
10488	35.9725	5.62500	0.000000E+00
10491	39.5490	5.62500	0.000000E+00
10492	40.8235	5.62500	0.000000E+00
10495	45.6745	5.62500	0.000000E+00
10498	50.5255	5.62500	0.000000E+00
10499	51.8010	5.62500	0.000000E+00
10502	55.3765	5.62500	0.000000E+00
10505	60.2275	5.62500	0.000000E+00
10508	63.8030	5.62500	0.000000E+00
10509	65.0785	5.62500	0.000000E+00
10512	69.9295	5.62500	0.000000E+00
10515	74.7805	5.62500	0.000000E+00
10516	76.0550	5.62500	0.000000E+00
10519	79.6315	5.62500	0.000000E+00
10522	84.4835	5.62500	0.000000E+00
10525	88.0610	5.62500	0.000000E+00
10526	89.3365	5.62500	0.000000E+00
10529	94.1895	5.62500	0.000000E+00
10532	99.0425	5.62500	0.000000E+00
10533	100.318	5.62500	0.000000E+00
10536	103.896	5.62500	0.000000E+00
10539	108.749	5.62500	0.000000E+00
10542	112.325	5.62500	0.000000E+00
10543	113.602	5.62500	0.000000E+00
10546	118.455	5.62500	0.000000E+00
10549	123.307	5.62500	0.000000E+00
10550	124.582	5.62500	0.000000E+00

10553	128.160	5.62500	0.000000E+00
10556	133.015	5.62500	0.000000E+00
10559	136.594	5.62500	0.000000E+00
10560	137.869	5.62500	0.000000E+00
10563	142.724	5.62500	0.000000E+00
10566	147.579	5.62500	0.000000E+00
10567	148.856	5.62500	0.000000E+00
10570	152.435	5.62500	0.000000E+00
10573	157.290	5.62500	0.000000E+00
10576	160.868	5.62500	0.000000E+00
10577	162.144	5.62500	0.000000E+00
10580	166.999	5.62500	0.000000E+00
10583	171.855	5.62500	0.000000E+00
10584	173.130	5.62500	0.000000E+00
10587	176.710	5.62500	0.000000E+00
10590	181.566	5.62500	0.000000E+00
10593	185.147	5.62500	0.000000E+00
10594	186.423	5.62500	0.000000E+00
10597	191.279	5.62500	0.000000E+00
10600	196.136	5.62500	0.000000E+00
10601	197.414	5.62500	0.000000E+00
10604	200.994	5.62500	0.000000E+00
10607	205.850	5.62500	0.000000E+00
10610	209.430	5.62500	0.000000E+00
10611	210.708	5.62500	0.000000E+00
10614	215.564	5.62500	0.000000E+00
10617	220.422	5.62500	0.000000E+00
10618	221.697	5.62500	0.000000E+00
10621	225.278	5.62500	0.000000E+00
10624	230.136	5.62500	0.000000E+00
10627	233.716	5.62500	0.000000E+00
10628	234.994	5.62500	0.000000E+00

TOTAL NUMBER OF NODES = 3840  
LARGEST NODE NUMBER = 10628  
DATA STORAGE LOCATIONS USED = 26880

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
1	1ST NODE	=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	AREA	IYY	IZZ	KT	ASZ
2	1ST NODE	=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

Trave\_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
3	1ST NODE	=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

soletta\_estremo (soletta\_estremo (RSS D=0.3 B=0.1))  
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
4	1ST NODE	=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

soletta\_coda (soletta\_coda (RSS D=0.3 B=1.71285))  
PROPERTY

BMI21 ELEMENTS									
5	1ST NODE	AREA =0.5139	IYY =0.3854E-02	IZZ =0.1256	KT =0.1372E-01	ASZ =0.4285			
		ASY =0.4282	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.5139	IYY =0.3854E-02	IZZ =0.1256	KT =0.1372E-01	ASZ =0.4285			
		ASY =0.4282	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

soletta\_riva (soletta\_riva (RSS D=0.3 B=2.4255))  
PROPERTY

BMI21 ELEMENTS									
6	1ST NODE	AREA =0.7277	IYY =0.5457E-02	IZZ =0.3567	KT =0.2013E-01	ASZ =0.6069			
		ASY =0.6064	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7277	IYY =0.5457E-02	IZZ =0.3567	KT =0.2013E-01	ASZ =0.6069			
		ASY =0.6064	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

soletta\_transiz (soletta\_transiz (RSS D=0.3 B=2.427))  
PROPERTY

BMI21 ELEMENTS									
7	1ST NODE	AREA =0.7281	IYY =0.5461E-02	IZZ =0.3574	KT =0.2014E-01	ASZ =0.6072			
		ASY =0.6068	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7281	IYY =0.5461E-02	IZZ =0.3574	KT =0.2014E-01	ASZ =0.6072			
		ASY =0.6068	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

soletta\_tipo (soletta\_tipo (RSS D=0.3 B=2.4285))  
PROPERTY

BMI21 ELEMENTS									
8	1ST NODE	AREA =0.7286	IYY =0.5464E-02	IZZ =0.3581	KT =0.2016E-01	ASZ =0.6076			
		ASY =0.6071	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7286	IYY =0.5464E-02	IZZ =0.3581	KT =0.2016E-01	ASZ =0.6076			
		ASY =0.6071	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

C1 (Bridge deck - girder with top slab) with BDM\_Phase3  
PROPERTY

BMI21 ELEMENTS									
9	1ST NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
GEOMETRIC STIFFNESS MODIFICATION FACTORS									
	SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
	SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS									
	MF1 =0.3480E+08	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									
17	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 = 0.1246E+09 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

C2 (Bridge deck - girder with top slab) with BDM\_Phase3  
 PROPERTY

BMI21 ELEMENTS  
 10 1ST NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 = 0.3928E+08 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

C2 (Bridge deck - girder with top slab) with BDM\_Phase1  
 PROPERTY

BMI21 ELEMENTS  
 18 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 = 0.1246E+09 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

C3 (Bridge deck - girder with top slab) with BDM\_Phase3  
 PROPERTY

BMI21 ELEMENTS  
 11 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 = 0.4025E+08 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

C3 (Bridge deck - girder with top slab) with BDM\_Phase1  
 PROPERTY

BMI21 ELEMENTS  
 19 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 = 0.1246E+09 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

C4\_cracked (Bridge deck - girder with top slab) with BDM\_Phase3  
PROPERTY

BMI21 ELEMENTS										
12	1ST NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.9409E+08	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										
20	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 =0.1246E+09	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										
13	1ST NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.3828E+08	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										
21	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 =0.1246E+09	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										
14	1ST NODE	AREA =2.697	IYY =2.449	IZZ =4.951	KT =0.2569E-01	ASZ =1.686				
		ASY =1.840	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.697	IYY =2.449	IZZ =4.951	KT =0.2569E-01	ASZ =1.686				

```

          ASY =1.840          EZ =0.0000E+00  EY =0.0000E+00  IYZ =0.0000E+00
GEOMETRIC STIFFNESS MODIFICATION FACTORS
          SF1 = 1.000        SF2 = 1.000        SF3 = 1.000        SF4 = 1.000        SF5 = 1.000
          SF6 = 1.000        SF7 = 1.000        SF8 = 1.000        SF9 = 1.000
GEOMETRIC MASS MODIFICATION FACTORS
          MF1 =0.4025E+08    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
22 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 =0.1246E+09    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

georigida  
PROPERTY

```

BMI21  ELEMENTS
15 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
16 ECCENTRICITY = 0.0000E+00
DATA STORAGE LOCATIONS USED = 1724

```

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	30	1	16	4
31	36	1	4	6
37	0	0	17	11
38	0	0	3	3
39	0	0	17	11
40	41	1	5	7
42	0	0	1	1
43	0	0	5	7
44	0	0	1	1
45	47	1	5	7
48	0	0	17	11
49	0	0	3	3
50	0	0	17	11
51	56	1	6	8
57	0	0	17	11
58	0	0	3	3
59	0	0	17	11
60	61	1	6	8
62	0	0	2	2
63	0	0	6	8
64	0	0	2	2
65	67	1	6	8
68	0	0	17	11
69	0	0	3	3
70	0	0	17	11
71	0	0	21	19
72	0	0	3	3
73	0	0	21	19
74	79	1	6	8

80	0	0	21	19
81	0	0	3	3
82	0	0	21	19
83	84	1	6	8
85	0	0	2	2
86	0	0	6	8
87	0	0	2	2
88	90	1	6	8
91	0	0	21	19
92	0	0	3	3
93	0	0	21	19
94	99	1	6	8
100	0	0	21	19
101	0	0	3	3
102	0	0	21	19
103	104	1	6	8
105	0	0	2	2
106	0	0	6	8
107	0	0	2	2
108	110	1	6	8
111	0	0	21	19
112	0	0	3	3
113	0	0	21	19
114	119	1	6	8
120	0	0	21	19
121	0	0	3	3
122	0	0	21	19
123	0	0	22	21
124	0	0	3	3
125	0	0	22	21
126	127	1	6	8
128	0	0	2	2
129	0	0	6	8
130	0	0	2	2
131	133	1	6	8
134	0	0	22	21
135	0	0	3	3
136	0	0	22	21
137	142	1	6	8
143	0	0	22	21
144	0	0	3	3
145	0	0	22	21
146	147	1	6	8
148	0	0	2	2
149	0	0	6	8
150	0	0	2	2
151	153	1	6	8
154	0	0	22	21
155	0	0	3	3
156	0	0	22	21
157	162	1	6	8
163	0	0	22	21
164	0	0	3	3
165	0	0	22	21
166	0	0	20	18
167	0	0	3	3
168	0	0	20	18
169	170	1	6	8
171	0	0	2	2
172	0	0	6	8
173	0	0	2	2
174	176	1	6	8
177	0	0	20	18
178	0	0	3	3
179	0	0	20	18
180	185	1	6	8
186	0	0	20	18
187	0	0	3	3
188	0	0	20	18
189	190	1	7	9
191	0	0	1	1
192	0	0	7	9
193	0	0	1	1
194	196	1	7	9
197	0	0	20	18
198	0	0	3	3
199	0	0	20	18
200	205	1	8	10
206	0	0	20	18
207	0	0	3	3
208	0	0	20	18
209	210	1	8	10
211	0	0	2	2
212	0	0	8	10
213	0	0	2	2
214	216	1	8	10
217	0	0	20	18
218	0	0	3	3
219	0	0	20	18
220	0	0	19	15
221	0	0	3	3
222	0	0	19	15
223	228	1	8	10
229	0	0	19	15
230	0	0	3	3
231	0	0	19	15
232	233	1	8	10
234	0	0	2	2
235	0	0	8	10
236	0	0	2	2
237	239	1	8	10
240	0	0	19	15
241	0	0	3	3
242	0	0	19	15
243	248	1	8	10

249	0	0	19	15
250	0	0	3	3
251	0	0	19	15
252	253	1	8	10
254	0	0	2	2
255	0	0	8	10
256	0	0	2	2
257	259	1	8	10
260	0	0	19	15
261	0	0	3	3
262	0	0	19	15
263	268	1	8	10
269	0	0	19	15
270	0	0	3	3
271	0	0	19	15
272	0	0	18	13
273	0	0	3	3
274	0	0	18	13
275	276	1	8	10
277	0	0	2	2
278	0	0	8	10
279	0	0	2	2
280	282	1	8	10
283	0	0	18	13
284	0	0	3	3
285	0	0	18	13
286	291	1	8	10
292	0	0	18	13
293	0	0	3	3
294	0	0	18	13
295	296	1	8	10
297	0	0	2	2
298	0	0	8	10
299	0	0	2	2
300	302	1	8	10
303	0	0	18	13
304	0	0	3	3
305	0	0	18	13
306	311	1	8	10
312	0	0	18	13
313	0	0	3	3
314	0	0	18	13
315	316	1	8	10
317	0	0	2	2
318	0	0	8	10
319	0	0	2	2
320	322	1	8	10
323	0	0	18	13
324	0	0	3	3
325	0	0	18	13
326	0	0	19	15
327	0	0	3	3
328	0	0	19	15
329	334	1	8	10
335	0	0	19	15
336	0	0	3	3
337	0	0	19	15
338	339	1	8	10
340	0	0	2	2
341	0	0	8	10
342	0	0	2	2
343	345	1	8	10
346	0	0	19	15
347	0	0	3	3
348	0	0	19	15
349	354	1	8	10
355	0	0	19	15
356	0	0	3	3
357	0	0	19	15
358	359	1	8	10
360	0	0	2	2
361	0	0	8	10
362	0	0	2	2
363	365	1	8	10
366	0	0	19	15
367	0	0	3	3
368	0	0	19	15
369	374	1	8	10
375	0	0	19	15
376	0	0	3	3
377	0	0	19	15
378	0	0	20	18
379	0	0	3	3
380	0	0	20	18
381	382	1	8	10
383	0	0	2	2
384	0	0	8	10
385	0	0	2	2
386	388	1	8	10
389	0	0	20	18
390	0	0	3	3
391	0	0	20	18
392	397	1	8	10
398	0	0	20	18
399	0	0	3	3
400	0	0	20	18
401	402	1	8	10
403	0	0	1	1
404	0	0	8	10
405	0	0	1	1
406	408	1	8	10
409	0	0	20	18
410	0	0	3	3
411	0	0	20	18
412	417	1	8	10

418	0	0	20	18
419	0	0	3	3
420	0	0	20	18
421	422	1	8	10
423	0	0	2	2
424	0	0	8	10
425	0	0	2	2
426	428	1	8	10
429	0	0	20	18
430	0	0	3	3
431	0	0	20	18
432	0	0	19	15
433	0	0	3	3
434	0	0	19	15
435	440	1	8	10
441	0	0	19	15
442	0	0	3	3
443	0	0	19	15
444	445	1	8	10
446	0	0	2	2
447	0	0	8	10
448	0	0	2	2
449	451	1	8	10
452	0	0	19	15
453	0	0	3	3
454	0	0	19	15
455	460	1	8	10
461	0	0	19	15
462	0	0	3	3
463	0	0	19	15
464	465	1	8	10
466	0	0	2	2
467	0	0	8	10
468	0	0	2	2
469	471	1	8	10
472	0	0	19	15
473	0	0	3	3
474	0	0	19	15
475	480	1	8	10
481	0	0	19	15
482	0	0	3	3
483	0	0	19	15
484	0	0	18	13
485	0	0	3	3
486	0	0	18	13
487	488	1	8	10
489	0	0	2	2
490	0	0	8	10
491	0	0	2	2
492	494	1	8	10
495	0	0	18	13
496	0	0	3	3
497	0	0	18	13
498	503	1	8	10
504	0	0	18	13
505	0	0	3	3
506	0	0	18	13
507	508	1	8	10
509	0	0	2	2
510	0	0	8	10
511	0	0	2	2
512	514	1	8	10
515	0	0	18	13
516	0	0	3	3
517	0	0	18	13
518	523	1	8	10
524	0	0	18	13
525	0	0	3	3
526	0	0	18	13
527	528	1	8	10
529	0	0	2	2
530	0	0	8	10
531	0	0	2	2
532	534	1	8	10
535	0	0	18	13
536	0	0	3	3
537	0	0	18	13
538	0	0	19	15
539	0	0	3	3
540	0	0	19	15
541	546	1	8	10
547	0	0	19	15
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1653	0	0	19	15
1654	0	0	3	3
1655	1656	1	19	15
1657	0	0	3	3
1658	0	0	19	15
1659	0	0	20	18
1660	0	0	3	3
1661	0	0	20	18
1662	1663	1	8	10
1664	0	0	2	2
1665	0	0	8	10
1666	0	0	2	2
1667	1669	1	8	10
1670	0	0	20	18
1671	0	0	3	3
1672	0	0	20	18
1673	1678	1	8	10
1679	0	0	20	18
1680	0	0	3	3
1681	0	0	20	18
1682	1683	1	7	9
1684	0	0	1	1
1685	0	0	7	9
1686	0	0	1	1
1687	1689	1	7	9
1690	0	0	20	18
1691	0	0	3	3
1692	0	0	20	18
1693	1698	1	6	8
1699	0	0	20	18
1700	0	0	3	3
1701	0	0	20	18
1702	1703	1	6	8
1704	0	0	2	2
1705	0	0	6	8
1706	0	0	2	2
1707	1709	1	6	8
1710	0	0	20	18
1711	0	0	3	3
1712	0	0	20	18
1713	0	0	22	21
1714	0	0	3	3
1715	0	0	22	21
1716	1721	1	6	8
1722	0	0	22	21
1723	0	0	3	3
1724	0	0	22	21
1725	1726	1	6	8
1727	0	0	2	2
1728	0	0	6	8
1729	0	0	2	2
1730	1732	1	6	8
1733	0	0	22	21
1734	0	0	3	3
1735	0	0	22	21
1736	1741	1	6	8
1742	0	0	22	21
1743	0	0	3	3
1744	0	0	22	21
1745	1746	1	6	8
1747	0	0	2	2
1748	0	0	6	8
1749	0	0	2	2
1750	1752	1	6	8
1753	0	0	22	21
1754	0	0	3	3
1755	0	0	22	21
1756	0	0	21	19
1757	0	0	3	3
1758	0	0	21	19
1759	1764	1	6	8

1765	0	0	21	19
1766	0	0	3	3
1767	0	0	21	19
1768	1769	1	6	8
1770	0	0	2	2
1771	0	0	6	8
1772	0	0	2	2
1773	1775	1	6	8
1776	0	0	21	19
1777	0	0	3	3
1778	0	0	21	19
1779	1784	1	6	8
1785	0	0	21	19
1786	0	0	3	3
1787	0	0	21	19
1788	1789	1	6	8
1790	0	0	2	2
1791	0	0	6	8
1792	0	0	2	2
1793	1795	1	6	8
1796	0	0	21	19
1797	0	0	3	3
1798	0	0	21	19
1799	0	0	17	11
1800	0	0	3	3
1801	0	0	17	11
1802	1807	1	6	8
1808	0	0	17	11
1809	0	0	3	3
1810	0	0	17	11
1811	1812	1	6	8
1813	0	0	2	2
1814	0	0	6	8
1815	0	0	2	2
1816	1818	1	6	8
1819	0	0	17	11
1820	0	0	3	3
1821	0	0	17	11
1822	1827	1	6	8
1828	0	0	17	11
1829	0	0	3	3
1830	0	0	17	11
1831	1832	1	5	7
1833	0	0	1	1
1834	0	0	5	7
1835	0	0	1	1
1836	1838	1	5	7
1839	0	0	17	11
1840	0	0	3	3
1841	0	0	17	11
1842	1847	1	4	6
1848	1932	1	15	23
1933	2017	1	16	4

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 1132  
TOTAL NUMBER OF ELEMENTS = 2017  
LARGEST ELEMENT NUMBER = 2017  
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 22  
DATA STORAGE LOCATIONS USED = 6051

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

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

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

MATERIAL

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\_F1  
9 KX = 1.000 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  
10 KX = 1000. KY = 1000. 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

svincoli spina  
8 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 100.0 KTY = 0.0000E+00 KTZ = 0.0000E+00

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

MATERIAL

HDRB2\_F1\_cnt  
11 KX = 0.1000E+05 KY = 0.1000E+05 KZ = 0.2331E+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 (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

Concrete\_short\_term\_Phase3 (elastic) - compound BDM\_Phase3  
1 E = 0.3335E+11 NU = 0.2000 RHO = 0.1000E-04 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00  
TEMP = 0.0000E+00

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

MATERIAL

Concrete\_short\_term\_Phase3 (elastic) - compound BDM\_Phase1  
12 E = 0.3335E+11 NU = 0.2000 RHO = 0.1000E-04 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

Steel\_rigid\_ro=0 (elastic)  
3 E = 0.1000E+16 NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00  
TEMP = 0.0000E+00

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

MATERIAL

Concrete\_short\_term\_Phase3\_el\_soletta (elastic)  
 4 E = 0.3335E+11 NU = 0.2000 RHO = 0.1000E-04 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00  
 TEMP = 0.0000E+00

DATA STORAGE LOCATIONS USED = 512

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	9	0	0	0	0	11	0	0
0	0	2	0	0	5	0	0	0	0	7	0	0
0	0	3	0	0	9	0	0	0	0	11	0	0
0	0	4	0	0	10	0	0	0	0	14	0	0
0	0	5	0	0	5	0	0	0	0	7	0	0
0	0	6	0	7	1	10	0	0	0	14	0	0
0	0	8	0	0	5	0	0	0	0	7	0	0
0	0	9	0	10	1	10	0	0	0	14	0	0
0	0	11	0	0	5	0	0	0	0	7	0	0
0	0	12	0	0	10	0	0	0	0	14	0	0
0	0	13	0	0	11	0	0	0	0	24	0	0
0	0	14	0	0	5	0	0	0	0	7	0	0
0	0	15	0	0	11	0	0	0	0	24	0	0
0	0	16	0	0	10	0	0	0	0	14	0	0
0	0	17	0	0	5	0	0	0	0	7	0	0
0	0	18	0	19	1	10	0	0	0	14	0	0
0	0	20	0	0	5	0	0	0	0	7	0	0
0	0	21	0	22	1	10	0	0	0	14	0	0
0	0	23	0	0	5	0	0	0	0	7	0	0
0	0	24	0	25	1	10	0	0	0	14	0	0
0	0	26	0	0	5	0	0	0	0	7	0	0
0	0	27	0	0	10	0	0	0	0	14	0	0
0	0	28	0	0	9	0	0	0	0	11	0	0
0	0	29	0	0	5	0	0	0	0	7	0	0
0	0	30	0	0	9	0	0	0	0	11	0	0
0	0	31	0	36	1	4	0	0	0	22	0	0
0	0	37	0	0	12	0	0	0	0	5	0	0
0	0	38	0	0	2	0	0	0	0	1	0	0
0	0	39	0	0	12	0	0	0	0	5	0	0
0	0	40	0	41	1	4	0	0	0	22	0	0
0	0	42	0	0	2	0	0	0	0	1	0	0
0	0	43	0	0	4	0	0	0	0	22	0	0
0	0	44	0	0	2	0	0	0	0	1	0	0
0	0	45	0	47	1	4	0	0	0	22	0	0
0	0	48	0	0	12	0	0	0	0	5	0	0
0	0	49	0	0	2	0	0	0	0	1	0	0
0	0	50	0	0	12	0	0	0	0	5	0	0
0	0	51	0	56	1	4	0	0	0	22	0	0
0	0	57	0	0	12	0	0	0	0	5	0	0
0	0	58	0	0	2	0	0	0	0	1	0	0
0	0	59	0	0	12	0	0	0	0	5	0	0
0	0	60	0	61	1	4	0	0	0	22	0	0







0	0	234	0	0	0	2	0	0	0	0	1	0	0
0	0	235	0	0	0	4	0	0	0	0	22	0	0
0	0	236	0	0	0	2	0	0	0	0	1	0	0
0	0	237	0	239	1	4	0	0	0	0	22	0	0
0	0	240	0	0	0	12	0	0	0	0	5	0	0
0	0	241	0	0	0	2	0	0	0	0	1	0	0
0	0	242	0	0	0	12	0	0	0	0	5	0	0
0	0	243	0	248	1	4	0	0	0	0	22	0	0
0	0	249	0	0	0	12	0	0	0	0	5	0	0
0	0	250	0	0	0	2	0	0	0	0	1	0	0
0	0	251	0	0	0	12	0	0	0	0	5	0	0
0	0	252	0	253	1	4	0	0	0	0	22	0	0
0	0	254	0	0	0	2	0	0	0	0	1	0	0
0	0	255	0	0	0	4	0	0	0	0	22	0	0
0	0	256	0	0	0	2	0	0	0	0	1	0	0
0	0	257	0	259	1	4	0	0	0	0	22	0	0
0	0	260	0	0	0	12	0	0	0	0	5	0	0
0	0	261	0	0	0	2	0	0	0	0	1	0	0
0	0	262	0	0	0	12	0	0	0	0	5	0	0
0	0	263	0	268	1	4	0	0	0	0	22	0	0
0	0	269	0	0	0	12	0	0	0	0	5	0	0
0	0	270	0	0	0	2	0	0	0	0	1	0	0
0	0	271	0	272	1	12	0	0	0	0	5	0	0
0	0	273	0	0	0	2	0	0	0	0	1	0	0
0	0	274	0	0	0	12	0	0	0	0	5	0	0
0	0	275	0	276	1	4	0	0	0	0	22	0	0
0	0	277	0	0	0	2	0	0	0	0	1	0	0
0	0	278	0	0	0	4	0	0	0	0	22	0	0
0	0	279	0	0	0	2	0	0	0	0	1	0	0
0	0	280	0	282	1	4	0	0	0	0	22	0	0
0	0	283	0	0	0	12	0	0	0	0	5	0	0
0	0	284	0	0	0	2	0	0	0	0	1	0	0
0	0	285	0	0	0	12	0	0	0	0	5	0	0
0	0	286	0	291	1	4	0	0	0	0	22	0	0
0	0	292	0	0	0	12	0	0	0	0	5	0	0
0	0	293	0	0	0	2	0	0	0	0	1	0	0
0	0	294	0	0	0	12	0	0	0	0	5	0	0
0	0	295	0	296	1	4	0	0	0	0	22	0	0
0	0	297	0	0	0	2	0	0	0	0	1	0	0
0	0	298	0	0	0	4	0	0	0	0	22	0	0
0	0	299	0	0	0	2	0	0	0	0	1	0	0
0	0	300	0	302	1	4	0	0	0	0	22	0	0
0	0	303	0	0	0	12	0	0	0	0	5	0	0
0	0	304	0	0	0	2	0	0	0	0	1	0	0
0	0	305	0	0	0	12	0	0	0	0	5	0	0
0	0	306	0	311	1	4	0	0	0	0	22	0	0
0	0	312	0	0	0	12	0	0	0	0	5	0	0
0	0	313	0	0	0	2	0	0	0	0	1	0	0
0	0	314	0	0	0	12	0	0	0	0	5	0	0
0	0	315	0	316	1	4	0	0	0	0	22	0	0
0	0	317	0	0	0	2	0	0	0	0	1	0	0
0	0	318	0	0	0	4	0	0	0	0	22	0	0



0	0	405	0	0	0	2	0	0	0	0	1	0	0
0	0	406	0	408	1	4	0	0	0	0	22	0	0
0	0	409	0	0	0	12	0	0	0	0	5	0	0
0	0	410	0	0	0	2	0	0	0	0	1	0	0
0	0	411	0	0	0	12	0	0	0	0	5	0	0
0	0	412	0	417	1	4	0	0	0	0	22	0	0
0	0	418	0	0	0	12	0	0	0	0	5	0	0
0	0	419	0	0	0	2	0	0	0	0	1	0	0
0	0	420	0	0	0	12	0	0	0	0	5	0	0
0	0	421	0	422	1	4	0	0	0	0	22	0	0
0	0	423	0	0	0	2	0	0	0	0	1	0	0
0	0	424	0	0	0	4	0	0	0	0	22	0	0
0	0	425	0	0	0	2	0	0	0	0	1	0	0
0	0	426	0	428	1	4	0	0	0	0	22	0	0
0	0	429	0	0	0	12	0	0	0	0	5	0	0
0	0	430	0	0	0	2	0	0	0	0	1	0	0
0	0	431	0	432	1	12	0	0	0	0	5	0	0
0	0	433	0	0	0	2	0	0	0	0	1	0	0
0	0	434	0	0	0	12	0	0	0	0	5	0	0
0	0	435	0	440	1	4	0	0	0	0	22	0	0
0	0	441	0	0	0	12	0	0	0	0	5	0	0
0	0	442	0	0	0	2	0	0	0	0	1	0	0
0	0	443	0	0	0	12	0	0	0	0	5	0	0
0	0	444	0	445	1	4	0	0	0	0	22	0	0
0	0	446	0	0	0	2	0	0	0	0	1	0	0
0	0	447	0	0	0	4	0	0	0	0	22	0	0
0	0	448	0	0	0	2	0	0	0	0	1	0	0
0	0	449	0	451	1	4	0	0	0	0	22	0	0
0	0	452	0	0	0	12	0	0	0	0	5	0	0
0	0	453	0	0	0	2	0	0	0	0	1	0	0
0	0	454	0	0	0	12	0	0	0	0	5	0	0
0	0	455	0	460	1	4	0	0	0	0	22	0	0
0	0	461	0	0	0	12	0	0	0	0	5	0	0
0	0	462	0	0	0	2	0	0	0	0	1	0	0
0	0	463	0	0	0	12	0	0	0	0	5	0	0
0	0	464	0	465	1	4	0	0	0	0	22	0	0
0	0	466	0	0	0	2	0	0	0	0	1	0	0
0	0	467	0	0	0	4	0	0	0	0	22	0	0
0	0	468	0	0	0	2	0	0	0	0	1	0	0
0	0	469	0	471	1	4	0	0	0	0	22	0	0
0	0	472	0	0	0	12	0	0	0	0	5	0	0
0	0	473	0	0	0	2	0	0	0	0	1	0	0
0	0	474	0	0	0	12	0	0	0	0	5	0	0
0	0	475	0	480	1	4	0	0	0	0	22	0	0
0	0	481	0	0	0	12	0	0	0	0	5	0	0
0	0	482	0	0	0	2	0	0	0	0	1	0	0
0	0	483	0	484	1	12	0	0	0	0	5	0	0
0	0	485	0	0	0	2	0	0	0	0	1	0	0
0	0	486	0	0	0	12	0	0	0	0	5	0	0
0	0	487	0	488	1	4	0	0	0	0	22	0	0
0	0	489	0	0	0	2	0	0	0	0	1	0	0
0	0	490	0	0	0	4	0	0	0	0	22	0	0

0	0	491	0	0	2	0	0	0	0	1	0	0
0	0	492	0	494	1	4	0	0	0	22	0	0
0	0	495	0	0	0	12	0	0	0	5	0	0
0	0	496	0	0	0	2	0	0	0	1	0	0
0	0	497	0	0	0	12	0	0	0	5	0	0
0	0	498	0	503	1	4	0	0	0	22	0	0
0	0	504	0	0	0	12	0	0	0	5	0	0
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0	0	506	0	0	0	12	0	0	0	5	0	0
0	0	507	0	508	1	4	0	0	0	22	0	0
0	0	509	0	0	0	2	0	0	0	1	0	0
0	0	510	0	0	0	4	0	0	0	22	0	0
0	0	511	0	0	0	2	0	0	0	1	0	0
0	0	512	0	514	1	4	0	0	0	22	0	0
0	0	515	0	0	0	12	0	0	0	5	0	0
0	0	516	0	0	0	2	0	0	0	1	0	0
0	0	517	0	0	0	12	0	0	0	5	0	0
0	0	518	0	523	1	4	0	0	0	22	0	0
0	0	524	0	0	0	12	0	0	0	5	0	0
0	0	525	0	0	0	2	0	0	0	1	0	0
0	0	526	0	0	0	12	0	0	0	5	0	0
0	0	527	0	528	1	4	0	0	0	22	0	0
0	0	529	0	0	0	2	0	0	0	1	0	0
0	0	530	0	0	0	4	0	0	0	22	0	0
0	0	531	0	0	0	2	0	0	0	1	0	0
0	0	532	0	534	1	4	0	0	0	22	0	0
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0	0	536	0	0	0	2	0	0	0	1	0	0
0	0	537	0	538	1	12	0	0	0	5	0	0
0	0	539	0	0	0	2	0	0	0	1	0	0
0	0	540	0	0	0	12	0	0	0	5	0	0
0	0	541	0	546	1	4	0	0	0	22	0	0
0	0	547	0	0	0	12	0	0	0	5	0	0
0	0	548	0	0	0	2	0	0	0	1	0	0
0	0	549	0	0	0	12	0	0	0	5	0	0
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0	0	552	0	0	0	2	0	0	0	1	0	0
0	0	553	0	0	0	4	0	0	0	22	0	0
0	0	554	0	0	0	2	0	0	0	1	0	0
0	0	555	0	557	1	4	0	0	0	22	0	0
0	0	558	0	0	0	12	0	0	0	5	0	0
0	0	559	0	0	0	2	0	0	0	1	0	0
0	0	560	0	0	0	12	0	0	0	5	0	0
0	0	561	0	566	1	4	0	0	0	22	0	0
0	0	567	0	0	0	12	0	0	0	5	0	0
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0	0	573	0	0	0	4	0	0	0	22	0	0
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0	0	1647	0	1652	1	4	0	0	0	0	22	0	0
0	0	1653	0	0	0	12	0	0	0	0	5	0	0
0	0	1654	0	0	0	2	0	0	0	0	1	0	0
0	0	1655	0	1656	1	12	0	0	0	0	5	0	0
0	0	1657	0	0	0	2	0	0	0	0	1	0	0
0	0	1658	0	1659	1	12	0	0	0	0	5	0	0
0	0	1660	0	0	0	2	0	0	0	0	1	0	0
0	0	1661	0	0	0	12	0	0	0	0	5	0	0
0	0	1662	0	1663	1	4	0	0	0	0	22	0	0
0	0	1664	0	0	0	2	0	0	0	0	1	0	0
0	0	1665	0	0	0	4	0	0	0	0	22	0	0
0	0	1666	0	0	0	2	0	0	0	0	1	0	0
0	0	1667	0	1669	1	4	0	0	0	0	22	0	0
0	0	1670	0	0	0	12	0	0	0	0	5	0	0
0	0	1671	0	0	0	2	0	0	0	0	1	0	0
0	0	1672	0	0	0	12	0	0	0	0	5	0	0
0	0	1673	0	1678	1	4	0	0	0	0	22	0	0
0	0	1679	0	0	0	12	0	0	0	0	5	0	0
0	0	1680	0	0	0	2	0	0	0	0	1	0	0
0	0	1681	0	0	0	12	0	0	0	0	5	0	0
0	0	1682	0	1683	1	4	0	0	0	0	22	0	0
0	0	1684	0	0	0	2	0	0	0	0	1	0	0
0	0	1685	0	0	0	4	0	0	0	0	22	0	0
0	0	1686	0	0	0	2	0	0	0	0	1	0	0
0	0	1687	0	1689	1	4	0	0	0	0	22	0	0
0	0	1690	0	0	0	12	0	0	0	0	5	0	0
0	0	1691	0	0	0	2	0	0	0	0	1	0	0
0	0	1692	0	0	0	12	0	0	0	0	5	0	0
0	0	1693	0	1698	1	4	0	0	0	0	22	0	0



0	0	1785	0	0	0	12	0	0	0	0	5	0	0
0	0	1786	0	0	0	2	0	0	0	0	1	0	0
0	0	1787	0	0	0	12	0	0	0	0	5	0	0
0	0	1788	1789	1	4	0	0	0	0	0	22	0	0
0	0	1790	0	0	0	2	0	0	0	0	1	0	0
0	0	1791	0	0	0	4	0	0	0	0	22	0	0
0	0	1792	0	0	0	2	0	0	0	0	1	0	0
0	0	1793	1795	1	4	0	0	0	0	0	22	0	0
0	0	1796	0	0	0	12	0	0	0	0	5	0	0
0	0	1797	0	0	0	2	0	0	0	0	1	0	0
0	0	1798	1799	1	12	0	0	0	0	0	5	0	0
0	0	1800	0	0	0	2	0	0	0	0	1	0	0
0	0	1801	0	0	0	12	0	0	0	0	5	0	0
0	0	1802	1807	1	4	0	0	0	0	0	22	0	0
0	0	1808	0	0	0	12	0	0	0	0	5	0	0
0	0	1809	0	0	0	2	0	0	0	0	1	0	0
0	0	1810	0	0	0	12	0	0	0	0	5	0	0
0	0	1811	1812	1	4	0	0	0	0	0	22	0	0
0	0	1813	0	0	0	2	0	0	0	0	1	0	0
0	0	1814	0	0	0	4	0	0	0	0	22	0	0
0	0	1815	0	0	0	2	0	0	0	0	1	0	0
0	0	1816	1818	1	4	0	0	0	0	0	22	0	0
0	0	1819	0	0	0	12	0	0	0	0	5	0	0
0	0	1820	0	0	0	2	0	0	0	0	1	0	0
0	0	1821	0	0	0	12	0	0	0	0	5	0	0
0	0	1822	1827	1	4	0	0	0	0	0	22	0	0
0	0	1828	0	0	0	12	0	0	0	0	5	0	0
0	0	1829	0	0	0	2	0	0	0	0	1	0	0
0	0	1830	0	0	0	12	0	0	0	0	5	0	0
0	0	1831	1832	1	4	0	0	0	0	0	22	0	0
0	0	1833	0	0	0	2	0	0	0	0	1	0	0
0	0	1834	0	0	0	4	0	0	0	0	22	0	0
0	0	1835	0	0	0	2	0	0	0	0	1	0	0
0	0	1836	1838	1	4	0	0	0	0	0	22	0	0
0	0	1839	0	0	0	12	0	0	0	0	5	0	0
0	0	1840	0	0	0	2	0	0	0	0	1	0	0
0	0	1841	0	0	0	12	0	0	0	0	5	0	0
0	0	1842	1847	1	4	0	0	0	0	0	22	0	0
0	0	1848	1932	1	3	0	0	0	0	0	6	0	0
0	0	1933	2017	1	8	0	0	0	0	0	23	0	0

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 1122

DEACTIVATE ELEMENTS

FIRST ELEMENT IN SERIES	LAST ELEMENT IN SERIES	INCRE- MENT BETWEEN ELEMNTS	NUMBER OF INCREMENTS FOR REDISTRIBUTION	REDISTRIBUTION FACTOR	STIFFNESS REDUCTION FACTOR
31	36	1	1	1.000	0.1000E-05
40	41	1	1	1.000	0.1000E-05
43	45	2	1	1.000	0.1000E-05
46	47	1	1	1.000	0.1000E-05
51	56	1	1	1.000	0.1000E-05
60	61	1	1	1.000	0.1000E-05
63	65	2	1	1.000	0.1000E-05
66	67	1	1	1.000	0.1000E-05
74	79	1	1	1.000	0.1000E-05
83	84	1	1	1.000	0.1000E-05
86	88	2	1	1.000	0.1000E-05
89	90	1	1	1.000	0.1000E-05

94	99	1	1	1.000	0.1000E-05
103	104	1	1	1.000	0.1000E-05
106	108	2	1	1.000	0.1000E-05
109	110	1	1	1.000	0.1000E-05
114	119	1	1	1.000	0.1000E-05
126	127	1	1	1.000	0.1000E-05
129	131	2	1	1.000	0.1000E-05
132	133	1	1	1.000	0.1000E-05
137	142	1	1	1.000	0.1000E-05
146	147	1	1	1.000	0.1000E-05
149	151	2	1	1.000	0.1000E-05
152	153	1	1	1.000	0.1000E-05
157	162	1	1	1.000	0.1000E-05
169	170	1	1	1.000	0.1000E-05
172	174	2	1	1.000	0.1000E-05
175	176	1	1	1.000	0.1000E-05
180	185	1	1	1.000	0.1000E-05
189	190	1	1	1.000	0.1000E-05
192	194	2	1	1.000	0.1000E-05
195	196	1	1	1.000	0.1000E-05
200	205	1	1	1.000	0.1000E-05
209	210	1	1	1.000	0.1000E-05
212	214	2	1	1.000	0.1000E-05
215	216	1	1	1.000	0.1000E-05
223	228	1	1	1.000	0.1000E-05
232	233	1	1	1.000	0.1000E-05
235	237	2	1	1.000	0.1000E-05
238	239	1	1	1.000	0.1000E-05
243	248	1	1	1.000	0.1000E-05
252	253	1	1	1.000	0.1000E-05
255	257	2	1	1.000	0.1000E-05
258	259	1	1	1.000	0.1000E-05
263	268	1	1	1.000	0.1000E-05
275	276	1	1	1.000	0.1000E-05
278	280	2	1	1.000	0.1000E-05
281	282	1	1	1.000	0.1000E-05
286	291	1	1	1.000	0.1000E-05
295	296	1	1	1.000	0.1000E-05
298	300	2	1	1.000	0.1000E-05
301	302	1	1	1.000	0.1000E-05
306	311	1	1	1.000	0.1000E-05
315	316	1	1	1.000	0.1000E-05
318	320	2	1	1.000	0.1000E-05
321	322	1	1	1.000	0.1000E-05
329	334	1	1	1.000	0.1000E-05
338	339	1	1	1.000	0.1000E-05
341	343	2	1	1.000	0.1000E-05
344	345	1	1	1.000	0.1000E-05
349	354	1	1	1.000	0.1000E-05
358	359	1	1	1.000	0.1000E-05
361	363	2	1	1.000	0.1000E-05
364	365	1	1	1.000	0.1000E-05
369	374	1	1	1.000	0.1000E-05
381	382	1	1	1.000	0.1000E-05
384	386	2	1	1.000	0.1000E-05
387	388	1	1	1.000	0.1000E-05
392	397	1	1	1.000	0.1000E-05
401	402	1	1	1.000	0.1000E-05
404	406	2	1	1.000	0.1000E-05
407	408	1	1	1.000	0.1000E-05
412	417	1	1	1.000	0.1000E-05
421	422	1	1	1.000	0.1000E-05
424	426	2	1	1.000	0.1000E-05
427	428	1	1	1.000	0.1000E-05
435	440	1	1	1.000	0.1000E-05
444	445	1	1	1.000	0.1000E-05
447	449	2	1	1.000	0.1000E-05
450	451	1	1	1.000	0.1000E-05
455	460	1	1	1.000	0.1000E-05
464	465	1	1	1.000	0.1000E-05
467	469	2	1	1.000	0.1000E-05
470	471	1	1	1.000	0.1000E-05
475	480	1	1	1.000	0.1000E-05
487	488	1	1	1.000	0.1000E-05
490	492	2	1	1.000	0.1000E-05
493	494	1	1	1.000	0.1000E-05
498	503	1	1	1.000	0.1000E-05
507	508	1	1	1.000	0.1000E-05
510	512	2	1	1.000	0.1000E-05
513	514	1	1	1.000	0.1000E-05
518	523	1	1	1.000	0.1000E-05
527	528	1	1	1.000	0.1000E-05
530	532	2	1	1.000	0.1000E-05
533	534	1	1	1.000	0.1000E-05
541	546	1	1	1.000	0.1000E-05
550	551	1	1	1.000	0.1000E-05
553	555	2	1	1.000	0.1000E-05
556	557	1	1	1.000	0.1000E-05
561	566	1	1	1.000	0.1000E-05
570	571	1	1	1.000	0.1000E-05
573	575	2	1	1.000	0.1000E-05
576	577	1	1	1.000	0.1000E-05
581	586	1	1	1.000	0.1000E-05
593	594	1	1	1.000	0.1000E-05
596	598	2	1	1.000	0.1000E-05
599	600	1	1	1.000	0.1000E-05
604	609	1	1	1.000	0.1000E-05
613	614	1	1	1.000	0.1000E-05
616	618	2	1	1.000	0.1000E-05
619	620	1	1	1.000	0.1000E-05
624	629	1	1	1.000	0.1000E-05
633	634	1	1	1.000	0.1000E-05
636	638	2	1	1.000	0.1000E-05
639	640	1	1	1.000	0.1000E-05
647	652	1	1	1.000	0.1000E-05

656	657	1	1	1.000	0.1000E-05
659	661	2	1	1.000	0.1000E-05
662	663	1	1	1.000	0.1000E-05
667	672	1	1	1.000	0.1000E-05
676	677	1	1	1.000	0.1000E-05
679	681	2	1	1.000	0.1000E-05
682	683	1	1	1.000	0.1000E-05
687	692	1	1	1.000	0.1000E-05
699	700	1	1	1.000	0.1000E-05
702	704	2	1	1.000	0.1000E-05
705	706	1	1	1.000	0.1000E-05
710	715	1	1	1.000	0.1000E-05
719	720	1	1	1.000	0.1000E-05
722	724	2	1	1.000	0.1000E-05
725	726	1	1	1.000	0.1000E-05
730	735	1	1	1.000	0.1000E-05
739	740	1	1	1.000	0.1000E-05
742	744	2	1	1.000	0.1000E-05
745	746	1	1	1.000	0.1000E-05
753	758	1	1	1.000	0.1000E-05
762	763	1	1	1.000	0.1000E-05
765	767	2	1	1.000	0.1000E-05
768	769	1	1	1.000	0.1000E-05
773	778	1	1	1.000	0.1000E-05
782	783	1	1	1.000	0.1000E-05
785	787	2	1	1.000	0.1000E-05
788	789	1	1	1.000	0.1000E-05
793	798	1	1	1.000	0.1000E-05
805	806	1	1	1.000	0.1000E-05
808	810	2	1	1.000	0.1000E-05
811	812	1	1	1.000	0.1000E-05
816	821	1	1	1.000	0.1000E-05
825	826	1	1	1.000	0.1000E-05
828	830	2	1	1.000	0.1000E-05
831	832	1	1	1.000	0.1000E-05
836	841	1	1	1.000	0.1000E-05
845	846	1	1	1.000	0.1000E-05
848	850	2	1	1.000	0.1000E-05
851	852	1	1	1.000	0.1000E-05
859	864	1	1	1.000	0.1000E-05
868	869	1	1	1.000	0.1000E-05
871	873	2	1	1.000	0.1000E-05
874	875	1	1	1.000	0.1000E-05
879	884	1	1	1.000	0.1000E-05
888	889	1	1	1.000	0.1000E-05
891	893	2	1	1.000	0.1000E-05
894	895	1	1	1.000	0.1000E-05
899	904	1	1	1.000	0.1000E-05
911	912	1	1	1.000	0.1000E-05
914	916	2	1	1.000	0.1000E-05
917	918	1	1	1.000	0.1000E-05
922	927	1	1	1.000	0.1000E-05
931	932	1	1	1.000	0.1000E-05
934	936	2	1	1.000	0.1000E-05
937	938	1	1	1.000	0.1000E-05
942	947	1	1	1.000	0.1000E-05
951	952	1	1	1.000	0.1000E-05
954	956	2	1	1.000	0.1000E-05
957	958	1	1	1.000	0.1000E-05
965	970	1	1	1.000	0.1000E-05
974	975	1	1	1.000	0.1000E-05
977	979	2	1	1.000	0.1000E-05
980	981	1	1	1.000	0.1000E-05
985	990	1	1	1.000	0.1000E-05
994	995	1	1	1.000	0.1000E-05
997	999	2	1	1.000	0.1000E-05
1000	1001	1	1	1.000	0.1000E-05
1005	1010	1	1	1.000	0.1000E-05
1017	1018	1	1	1.000	0.1000E-05
1020	1022	2	1	1.000	0.1000E-05
1023	1024	1	1	1.000	0.1000E-05
1028	1033	1	1	1.000	0.1000E-05
1037	1038	1	1	1.000	0.1000E-05
1040	1042	2	1	1.000	0.1000E-05
1043	1044	1	1	1.000	0.1000E-05
1048	1053	1	1	1.000	0.1000E-05
1057	1058	1	1	1.000	0.1000E-05
1060	1062	2	1	1.000	0.1000E-05
1063	1064	1	1	1.000	0.1000E-05
1071	1076	1	1	1.000	0.1000E-05
1080	1081	1	1	1.000	0.1000E-05
1083	1085	2	1	1.000	0.1000E-05
1086	1087	1	1	1.000	0.1000E-05
1091	1096	1	1	1.000	0.1000E-05
1100	1101	1	1	1.000	0.1000E-05
1103	1105	2	1	1.000	0.1000E-05
1106	1107	1	1	1.000	0.1000E-05
1111	1116	1	1	1.000	0.1000E-05
1123	1124	1	1	1.000	0.1000E-05
1126	1128	2	1	1.000	0.1000E-05
1129	1130	1	1	1.000	0.1000E-05
1134	1139	1	1	1.000	0.1000E-05
1143	1144	1	1	1.000	0.1000E-05
1146	1148	2	1	1.000	0.1000E-05
1149	1150	1	1	1.000	0.1000E-05
1154	1159	1	1	1.000	0.1000E-05
1163	1164	1	1	1.000	0.1000E-05
1166	1168	2	1	1.000	0.1000E-05
1169	1170	1	1	1.000	0.1000E-05
1177	1182	1	1	1.000	0.1000E-05
1186	1187	1	1	1.000	0.1000E-05
1189	1191	2	1	1.000	0.1000E-05
1192	1193	1	1	1.000	0.1000E-05
1197	1202	1	1	1.000	0.1000E-05
1206	1207	1	1	1.000	0.1000E-05

1209	1211	2	1	1.000	0.1000E-05
1212	1213	1	1	1.000	0.1000E-05
1217	1222	1	1	1.000	0.1000E-05
1229	1230	1	1	1.000	0.1000E-05
1232	1234	2	1	1.000	0.1000E-05
1235	1236	1	1	1.000	0.1000E-05
1240	1245	1	1	1.000	0.1000E-05
1249	1250	1	1	1.000	0.1000E-05
1252	1254	2	1	1.000	0.1000E-05
1255	1256	1	1	1.000	0.1000E-05
1260	1265	1	1	1.000	0.1000E-05
1269	1270	1	1	1.000	0.1000E-05
1272	1274	2	1	1.000	0.1000E-05
1275	1276	1	1	1.000	0.1000E-05
1283	1288	1	1	1.000	0.1000E-05
1292	1293	1	1	1.000	0.1000E-05
1295	1297	2	1	1.000	0.1000E-05
1298	1299	1	1	1.000	0.1000E-05
1303	1308	1	1	1.000	0.1000E-05
1312	1313	1	1	1.000	0.1000E-05
1315	1317	2	1	1.000	0.1000E-05
1318	1319	1	1	1.000	0.1000E-05
1323	1328	1	1	1.000	0.1000E-05
1335	1336	1	1	1.000	0.1000E-05
1338	1340	2	1	1.000	0.1000E-05
1341	1342	1	1	1.000	0.1000E-05
1346	1351	1	1	1.000	0.1000E-05
1355	1356	1	1	1.000	0.1000E-05
1358	1360	2	1	1.000	0.1000E-05
1361	1362	1	1	1.000	0.1000E-05
1366	1371	1	1	1.000	0.1000E-05
1375	1376	1	1	1.000	0.1000E-05
1378	1380	2	1	1.000	0.1000E-05
1381	1382	1	1	1.000	0.1000E-05
1389	1394	1	1	1.000	0.1000E-05
1398	1399	1	1	1.000	0.1000E-05
1401	1403	2	1	1.000	0.1000E-05
1404	1405	1	1	1.000	0.1000E-05
1409	1414	1	1	1.000	0.1000E-05
1418	1419	1	1	1.000	0.1000E-05
1421	1423	2	1	1.000	0.1000E-05
1424	1425	1	1	1.000	0.1000E-05
1429	1434	1	1	1.000	0.1000E-05
1441	1442	1	1	1.000	0.1000E-05
1444	1446	2	1	1.000	0.1000E-05
1447	1448	1	1	1.000	0.1000E-05
1452	1457	1	1	1.000	0.1000E-05
1461	1462	1	1	1.000	0.1000E-05
1464	1466	2	1	1.000	0.1000E-05
1467	1468	1	1	1.000	0.1000E-05
1472	1477	1	1	1.000	0.1000E-05
1481	1482	1	1	1.000	0.1000E-05
1484	1486	2	1	1.000	0.1000E-05
1487	1488	1	1	1.000	0.1000E-05
1495	1500	1	1	1.000	0.1000E-05
1507	1508	1	1	1.000	0.1000E-05
1510	1512	2	1	1.000	0.1000E-05
1513	1514	1	1	1.000	0.1000E-05
1518	1523	1	1	1.000	0.1000E-05
1527	1528	1	1	1.000	0.1000E-05
1530	1532	2	1	1.000	0.1000E-05
1533	1534	1	1	1.000	0.1000E-05
1538	1543	1	1	1.000	0.1000E-05
1550	1551	1	1	1.000	0.1000E-05
1553	1555	2	1	1.000	0.1000E-05
1556	1557	1	1	1.000	0.1000E-05
1561	1566	1	1	1.000	0.1000E-05
1570	1571	1	1	1.000	0.1000E-05
1573	1575	2	1	1.000	0.1000E-05
1576	1577	1	1	1.000	0.1000E-05
1581	1586	1	1	1.000	0.1000E-05
1590	1591	1	1	1.000	0.1000E-05
1593	1595	2	1	1.000	0.1000E-05
1596	1597	1	1	1.000	0.1000E-05
1604	1609	1	1	1.000	0.1000E-05
1613	1614	1	1	1.000	0.1000E-05
1616	1618	2	1	1.000	0.1000E-05
1619	1620	1	1	1.000	0.1000E-05
1624	1629	1	1	1.000	0.1000E-05
1633	1634	1	1	1.000	0.1000E-05
1636	1638	2	1	1.000	0.1000E-05
1639	1640	1	1	1.000	0.1000E-05
1647	1652	1	1	1.000	0.1000E-05
1662	1663	1	1	1.000	0.1000E-05
1665	1667	2	1	1.000	0.1000E-05
1668	1669	1	1	1.000	0.1000E-05
1673	1678	1	1	1.000	0.1000E-05
1682	1683	1	1	1.000	0.1000E-05
1685	1687	2	1	1.000	0.1000E-05
1688	1689	1	1	1.000	0.1000E-05
1693	1698	1	1	1.000	0.1000E-05
1702	1703	1	1	1.000	0.1000E-05
1705	1707	2	1	1.000	0.1000E-05
1708	1709	1	1	1.000	0.1000E-05
1716	1721	1	1	1.000	0.1000E-05
1725	1726	1	1	1.000	0.1000E-05
1728	1730	2	1	1.000	0.1000E-05
1731	1732	1	1	1.000	0.1000E-05
1736	1741	1	1	1.000	0.1000E-05
1745	1746	1	1	1.000	0.1000E-05
1748	1750	2	1	1.000	0.1000E-05
1751	1752	1	1	1.000	0.1000E-05
1759	1764	1	1	1.000	0.1000E-05
1768	1769	1	1	1.000	0.1000E-05
1771	1773	2	1	1.000	0.1000E-05



1774	1775	1	1	1.000	0.1000E-05
1779	1784	1	1	1.000	0.1000E-05
1788	1789	1	1	1.000	0.1000E-05
1791	1793	2	1	1.000	0.1000E-05
1794	1795	1	1	1.000	0.1000E-05
1802	1807	1	1	1.000	0.1000E-05
1811	1812	1	1	1.000	0.1000E-05
1814	1816	2	1	1.000	0.1000E-05
1817	1818	1	1	1.000	0.1000E-05
1822	1827	1	1	1.000	0.1000E-05
1831	1832	1	1	1.000	0.1000E-05
1834	1836	2	1	1.000	0.1000E-05
1837	1838	1	1	1.000	0.1000E-05
1842	1847	1	1	1.000	0.1000E-05

F R E E D O M   T E M P L A T E

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

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

EQUATION 1 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 2 0 0 W 1.00000  
 10193 0 0 W -1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 2 0 0 THX 1.00000  
 10193 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  
 2 0 0 THY 1.00000  
 10193 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  
 2 0 0 THZ 1.00000  
 10193 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  
 10193 0 0 W -1.00000  
 10194 0 0 W 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 10193 0 0 THX -1.00000  
 10194 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  
 10193 0 0 THY -1.00000  
 10194 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  
 10193 0 0 THZ -1.00000  
 10194 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
2	0	0	U	0.666667
10193	0	0	U	-0.666667
10193	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2	0	0	V	0.666667
10193	0	0	V	-0.666667
10193	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10193	0	0	U	-1.00000
10193	0	0	THY	-1.00000
10194	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10193	0	0	V	-1.00000
10193	0	0	THX	1.00000
10194	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
5	0	0	W	1.00000
10209	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
5	0	0	THX	1.00000
10209	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
5	0	0	THY	1.00000
10209	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
5	0	0	THZ	1.00000
10209	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
10209	0	0	W	-1.00000
10210	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10209	0	0	THX	-1.00000
10210	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
10209	0	0	THY	-1.00000
10210	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
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NODE	NODE	RNCE	TYPE	
10209	0	0	THZ	-1.00000
10210	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
5	0	0	U	0.666667
10209	0	0	U	-0.666667
10209	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
5	0	0	V	0.666667
10209	0	0	V	-0.666667
10209	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10209	0	0	U	-1.00000
10209	0	0	THY	-1.00000
10210	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10209	0	0	V	-1.00000
10209	0	0	THX	1.00000
10210	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	W	-1.00000
10229	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	THX	-1.00000
10229	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
10228	0	0	THY	-1.00000
10229	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
10228	0	0	THZ	-1.00000
10229	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
10228	0	0	U	-1.00000
10228	0	0	THY	-1.00000
10229	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	V	-1.00000
10228	0	0	THX	1.00000
10229	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
10240	0	0	W	-1.00000
10241	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10240	0	0	THX	-1.00000
10241	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
10240	0	0	THY	-1.00000
10241	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
10240	0	0	THZ	-1.00000
10241	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
10240	0	0	U	-1.00000
10240	0	0	THY	-1.00000
10241	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10240	0	0	V	-1.00000
10240	0	0	THX	1.00000
10241	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
10265	0	0	W	-1.00000
10266	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10265	0	0	THX	-1.00000
10266	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
10265	0	0	THY	-1.00000
10266	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
10265	0	0	THZ	-1.00000
10266	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
10265	0	0	U	-1.00000
10265	0	0	THY	-1.00000
10266	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10265	0	0	V	-1.00000
10265	0	0	THX	1.00000

10266 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 9 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10277 0 0 W -1.00000  
10278 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10277 0 0 THX -1.00000  
10278 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10277 0 0 THY -1.00000  
10278 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10277 0 0 THZ -1.00000  
10278 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10277 0 0 U -1.00000  
10277 0 0 THY -1.00000  
10278 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 9 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10277 0 0 V -1.00000  
10277 0 0 THX 1.00000  
10278 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 10 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10296 0 0 W -1.00000  
10297 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10296 0 0 THX -1.00000  
10297 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10296 0 0 THY -1.00000  
10297 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10296 0 0 THZ -1.00000  
10297 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10296 0 0 U -1.00000  
10296 0 0 THY -1.00000  
10297 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	V	-1.00000
10296	0	0	THX	1.00000
10297	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	W	-1.00000
10309	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THX	-1.00000
10309	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THY	-1.00000
10309	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THZ	-1.00000
10309	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	U	-1.00000
10308	0	0	THY	-1.00000
10309	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	V	-1.00000
10308	0	0	THX	1.00000
10309	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	W	-1.00000
10334	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	THX	-1.00000
10334	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	THY	-1.00000
10334	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	THZ	-1.00000
10334	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	U	-1.00000
10333	0	0	THY	-1.00000
10334	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	V	-1.00000
10333	0	0	THX	1.00000
10334	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	W	-1.00000
10346	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	THX	-1.00000
10346	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	THY	-1.00000
10346	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	THZ	-1.00000
10346	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	U	-1.00000
10345	0	0	THY	-1.00000
10346	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	V	-1.00000
10345	0	0	THX	1.00000
10346	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	W	-1.00000
10365	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THX	-1.00000
10365	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THY	-1.00000
10365	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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10364 0 0 THZ -1.00000  
10365 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	U	-1.00000
10364	0	0	THY	-1.00000
10365	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	V	-1.00000
10364	0	0	THX	1.00000
10365	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	W	-1.00000
10377	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THX	-1.00000
10377	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THY	-1.00000
10377	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THZ	-1.00000
10377	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	U	-1.00000
10376	0	0	THY	-1.00000
10377	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	V	-1.00000
10376	0	0	THX	1.00000
10377	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	W	-1.00000
10402	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THX	-1.00000
10402	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THY	-1.00000
10402	0	0	THY	1.00000



TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THZ	-1.00000
10402	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	U	-1.00000
10401	0	0	THY	-1.00000
10402	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	V	-1.00000
10401	0	0	THX	1.00000
10402	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	W	-1.00000
10414	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THX	-1.00000
10414	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THY	-1.00000
10414	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THZ	-1.00000
10414	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	U	-1.00000
10413	0	0	THY	-1.00000
10414	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	V	-1.00000
10413	0	0	THX	1.00000
10414	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	W	1.00000
10434	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THX	1.00000
10434	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THY	1.00000
10434	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THZ	1.00000
10434	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	W	-1.00000
10435	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THX	-1.00000
10435	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THY	-1.00000
10435	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THZ	-1.00000
10435	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	U	0.666667
10434	0	0	U	-0.666667
10434	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	V	0.666667
10434	0	0	V	-0.666667
10434	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	U	-1.00000
10434	0	0	THY	-1.00000
10435	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	V	-1.00000
10434	0	0	THX	1.00000
10435	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	W	1.00000
10450	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	THX	1.00000
10450	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	THY	1.00000
10450	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	THZ	1.00000
10450	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	W	-1.00000
10451	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	THX	-1.00000
10451	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	THY	-1.00000
10451	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	THZ	-1.00000
10451	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	U	0.666667
10450	0	0	U	-0.666667
10450	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	V	0.666667
10450	0	0	V	-0.666667
10450	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	U	-1.00000
10450	0	0	THY	-1.00000
10451	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	V	-1.00000
10450	0	0	THX	1.00000
10451	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
301	0	0	W	-1.00000
302	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
301	0	0	THX	-1.00000
302	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
301	0	0	THY	-1.00000
302	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
301	0	0	THZ	-1.00000
302	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
301	0	0	U	-1.00000
301	0	0	THY	-1.00000
302	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 25 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
301	0	0	V	-1.00000
301	0	0	THX	1.00000
302	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 27 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
313	0	0	W	-1.00000
314	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
313	0	0	THX	-1.00000
314	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
313	0	0	THY	-1.00000
314	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
313	0	0	THZ	-1.00000
314	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
313	0	0	U	-1.00000
313	0	0	THY	-1.00000
314	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 27 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
313	0	0	V	-1.00000
313	0	0	THX	1.00000

314 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 28 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
338 0 0 W -1.00000  
339 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
338 0 0 THX -1.00000  
339 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
338 0 0 THY -1.00000  
339 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
338 0 0 THZ -1.00000  
339 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
338 0 0 U -1.00000  
338 0 0 THY -1.00000  
339 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 28 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
338 0 0 V -1.00000  
338 0 0 THX 1.00000  
339 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 30 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
350 0 0 W -1.00000  
351 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
350 0 0 THX -1.00000  
351 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
350 0 0 THY -1.00000  
351 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
350 0 0 THZ -1.00000  
351 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
350 0 0 U -1.00000  
350 0 0 THY -1.00000  
351 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	V	-1.00000
350	0	0	THX	1.00000
351	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	W	-1.00000
370	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THX	-1.00000
370	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THY	-1.00000
370	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THZ	-1.00000
370	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	U	-1.00000
369	0	0	THY	-1.00000
370	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	V	-1.00000
369	0	0	THX	1.00000
370	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	W	-1.00000
382	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THX	-1.00000
382	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THY	-1.00000
382	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THZ	-1.00000
382	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	U	-1.00000
381	0	0	THY	-1.00000
382	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	V	-1.00000
381	0	0	THX	1.00000
382	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	W	-1.00000
407	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THX	-1.00000
407	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THY	-1.00000
407	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THZ	-1.00000
407	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	U	-1.00000
406	0	0	THY	-1.00000
407	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	V	-1.00000
406	0	0	THX	1.00000
407	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	W	-1.00000
419	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THX	-1.00000
419	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THY	-1.00000
419	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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418 0 0 THZ -1.00000  
419 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
418 0 0 U -1.00000  
418 0 0 THY -1.00000  
419 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 36 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
418 0 0 V -1.00000  
418 0 0 THX 1.00000  
419 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 37 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
437 0 0 W -1.00000  
438 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
437 0 0 THX -1.00000  
438 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
437 0 0 THY -1.00000  
438 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
437 0 0 THZ -1.00000  
438 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
437 0 0 U -1.00000  
437 0 0 THY -1.00000  
438 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 37 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
437 0 0 V -1.00000  
437 0 0 THX 1.00000  
438 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 39 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
449 0 0 W -1.00000  
450 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
449 0 0 THX -1.00000  
450 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
449 0 0 THY -1.00000  
450 0 0 THY 1.00000



TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THZ	-1.00000
450	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	U	-1.00000
449	0	0	THY	-1.00000
450	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	V	-1.00000
449	0	0	THX	1.00000
450	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	W	-1.00000
469	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THX	-1.00000
469	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THY	-1.00000
469	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THZ	-1.00000
469	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	U	-1.00000
468	0	0	THY	-1.00000
469	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	V	-1.00000
468	0	0	THX	1.00000
469	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	W	-1.00000
481	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THX	-1.00000
481	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THY	-1.00000
481	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THZ	-1.00000
481	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	U	-1.00000
480	0	0	THY	-1.00000
481	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	V	-1.00000
480	0	0	THX	1.00000
481	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	W	-1.00000
506	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	THX	-1.00000
506	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	THY	-1.00000
506	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	THZ	-1.00000
506	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	U	-1.00000
505	0	0	THY	-1.00000
506	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	V	-1.00000
505	0	0	THX	1.00000
506	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	W	-1.00000
518	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	THX	-1.00000
518	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	THY	-1.00000
518	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	THZ	-1.00000
518	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	U	-1.00000
517	0	0	THY	-1.00000
518	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	V	-1.00000
517	0	0	THX	1.00000
518	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	W	-1.00000
537	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THX	-1.00000
537	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THY	-1.00000
537	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THZ	-1.00000
537	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	U	-1.00000
536	0	0	THY	-1.00000
537	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	V	-1.00000
536	0	0	THX	1.00000
537	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
548	0	0	W	-1.00000
549	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THX	-1.00000
549	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THY	-1.00000
549	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THZ	-1.00000
549	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	U	-1.00000
548	0	0	THY	-1.00000
549	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	V	-1.00000
548	0	0	THX	1.00000
549	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	W	-1.00000
574	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THX	-1.00000
574	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THY	-1.00000
574	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THZ	-1.00000
574	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	U	-1.00000
573	0	0	THY	-1.00000
574	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	V	-1.00000
573	0	0	THX	1.00000

574 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 51 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
585 0 0 W -1.00000  
586 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
585 0 0 THX -1.00000  
586 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
585 0 0 THY -1.00000  
586 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
585 0 0 THZ -1.00000  
586 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
585 0 0 U -1.00000  
585 0 0 THY -1.00000  
586 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 51 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
585 0 0 V -1.00000  
585 0 0 THX 1.00000  
586 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
14 0 0 W 1.00000  
606 0 0 W -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
14 0 0 THX 1.00000  
606 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
14 0 0 THY 1.00000  
606 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
14 0 0 THZ 1.00000  
606 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
606 0 0 W -1.00000  
607 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THX	-1.00000
607	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THY	-1.00000
607	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THZ	-1.00000
607	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	U	0.666667
606	0	0	U	-0.666667
606	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	V	0.666667
606	0	0	V	-0.666667
606	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	U	-1.00000
606	0	0	THY	-1.00000
607	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	V	-1.00000
606	0	0	THX	1.00000
607	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	W	1.00000
622	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THX	1.00000
622	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THY	1.00000
622	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THZ	1.00000
622	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	W	-1.00000
623	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THX	-1.00000
623	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THY	-1.00000
623	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THZ	-1.00000
623	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	U	0.666667
622	0	0	U	-0.666667
622	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	V	0.666667
622	0	0	V	-0.666667
622	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	U	-1.00000
622	0	0	THY	-1.00000
623	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	V	-1.00000
622	0	0	THX	1.00000
623	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	W	-1.00000
642	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THX	-1.00000
642	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THY	-1.00000
642	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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641	0	0	THZ	-1.00000
642	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	U	-1.00000
641	0	0	THY	-1.00000
642	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	V	-1.00000
641	0	0	THX	1.00000
642	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	W	-1.00000
654	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THX	-1.00000
654	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THY	-1.00000
654	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THZ	-1.00000
654	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	U	-1.00000
653	0	0	THY	-1.00000
654	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	V	-1.00000
653	0	0	THX	1.00000
654	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	W	-1.00000
679	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THX	-1.00000
679	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THY	-1.00000
679	0	0	THY	1.00000



TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THZ	-1.00000
679	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	U	-1.00000
678	0	0	THY	-1.00000
679	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	V	-1.00000
678	0	0	THX	1.00000
679	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	W	-1.00000
691	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THX	-1.00000
691	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THY	-1.00000
691	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THZ	-1.00000
691	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	U	-1.00000
690	0	0	THY	-1.00000
691	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	V	-1.00000
690	0	0	THX	1.00000
691	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	W	-1.00000
710	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THX	-1.00000
710	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THY	-1.00000
710	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THZ	-1.00000
710	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	U	-1.00000
709	0	0	THY	-1.00000
710	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	V	-1.00000
709	0	0	THX	1.00000
710	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	W	-1.00000
722	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THX	-1.00000
722	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THY	-1.00000
722	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THZ	-1.00000
722	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	U	-1.00000
721	0	0	THY	-1.00000
722	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	V	-1.00000
721	0	0	THX	1.00000
722	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	W	-1.00000
747	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	THX	-1.00000
747	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	THY	-1.00000
747	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	THZ	-1.00000
747	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	U	-1.00000
746	0	0	THY	-1.00000
747	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	V	-1.00000
746	0	0	THX	1.00000
747	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	W	-1.00000
759	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THX	-1.00000
759	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THY	-1.00000
759	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THZ	-1.00000
759	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	U	-1.00000
758	0	0	THY	-1.00000
759	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	V	-1.00000
758	0	0	THX	1.00000
759	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
777	0	0	W	-1.00000
778	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THX	-1.00000
778	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THY	-1.00000
778	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THZ	-1.00000
778	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	U	-1.00000
777	0	0	THY	-1.00000
778	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	V	-1.00000
777	0	0	THX	1.00000
778	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	W	-1.00000
790	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THX	-1.00000
790	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THY	-1.00000
790	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THZ	-1.00000
790	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	U	-1.00000
789	0	0	THY	-1.00000
790	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	V	-1.00000
789	0	0	THX	1.00000

790 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 70 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
808 0 0 W -1.00000  
809 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
808 0 0 THX -1.00000  
809 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
808 0 0 THY -1.00000  
809 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
808 0 0 THZ -1.00000  
809 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
808 0 0 U -1.00000  
808 0 0 THY -1.00000  
809 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 70 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
808 0 0 V -1.00000  
808 0 0 THX 1.00000  
809 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 72 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
820 0 0 W -1.00000  
821 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
820 0 0 THX -1.00000  
821 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
820 0 0 THY -1.00000  
821 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
820 0 0 THZ -1.00000  
821 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
820 0 0 U -1.00000  
820 0 0 THY -1.00000  
821 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	V	-1.00000
820	0	0	THX	1.00000
821	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	W	-1.00000
846	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THX	-1.00000
846	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THY	-1.00000
846	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THZ	-1.00000
846	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	U	-1.00000
845	0	0	THY	-1.00000
846	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	V	-1.00000
845	0	0	THX	1.00000
846	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	W	-1.00000
858	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THX	-1.00000
858	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THY	-1.00000
858	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THZ	-1.00000
858	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	U	-1.00000
857	0	0	THY	-1.00000
858	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	V	-1.00000
857	0	0	THX	1.00000
858	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	W	-1.00000
877	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THX	-1.00000
877	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THY	-1.00000
877	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THZ	-1.00000
877	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	U	-1.00000
876	0	0	THY	-1.00000
877	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	V	-1.00000
876	0	0	THX	1.00000
877	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	W	-1.00000
889	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THX	-1.00000
889	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THY	-1.00000
889	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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888 0 0 THZ -1.00000  
889 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	U	-1.00000
888	0	0	THY	-1.00000
889	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	V	-1.00000
888	0	0	THX	1.00000
889	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	W	-1.00000
914	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THX	-1.00000
914	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THY	-1.00000
914	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THZ	-1.00000
914	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	U	-1.00000
913	0	0	THY	-1.00000
914	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	V	-1.00000
913	0	0	THX	1.00000
914	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	W	-1.00000
926	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THX	-1.00000
926	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THY	-1.00000
926	0	0	THY	1.00000



TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THZ	-1.00000
926	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	U	-1.00000
925	0	0	THY	-1.00000
926	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	V	-1.00000
925	0	0	THX	1.00000
926	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	W	1.00000
946	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THX	1.00000
946	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THY	1.00000
946	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THZ	1.00000
946	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	W	-1.00000
947	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THX	-1.00000
947	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THY	-1.00000
947	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THZ	-1.00000
947	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THZ	-1.00000
947	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	U	0.666667
946	0	0	U	-0.666667
946	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	V	0.666667
946	0	0	V	-0.666667
946	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	U	-1.00000
946	0	0	THY	-1.00000
947	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	V	-1.00000
946	0	0	THX	1.00000
947	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	W	1.00000
962	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	THX	1.00000
962	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	THY	1.00000
962	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	THZ	1.00000
962	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	W	-1.00000
963	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	THX	-1.00000
963	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	THY	-1.00000
963	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
962	0	0	THZ	-1.00000
963	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
23	0	0	U	0.666667
962	0	0	U	-0.666667
962	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
23	0	0	V	0.666667
962	0	0	V	-0.666667
962	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
962	0	0	U	-1.00000
962	0	0	THY	-1.00000
963	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
962	0	0	V	-1.00000
962	0	0	THX	1.00000
963	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 85 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
981	0	0	W	-1.00000
982	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
981	0	0	THX	-1.00000
982	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
981	0	0	THY	-1.00000
982	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
981	0	0	THZ	-1.00000
982	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
981	0	0	U	-1.00000
981	0	0	THY	-1.00000
982	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 85 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
981	0	0	V	-1.00000
981	0	0	THX	1.00000
982	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 87 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
993	0	0	W	-1.00000
994	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THX	-1.00000
994	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THY	-1.00000
994	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THZ	-1.00000
994	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	U	-1.00000
993	0	0	THY	-1.00000
994	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	V	-1.00000
993	0	0	THX	1.00000
994	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	W	-1.00000
1019	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THX	-1.00000
1019	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THY	-1.00000
1019	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THZ	-1.00000
1019	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	U	-1.00000
1018	0	0	THY	-1.00000
1019	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	V	-1.00000
1018	0	0	THX	1.00000

1019 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 90 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1030 0 0 W -1.00000  
1031 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1030 0 0 THX -1.00000  
1031 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1030 0 0 THY -1.00000  
1031 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1030 0 0 THZ -1.00000  
1031 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1030 0 0 U -1.00000  
1030 0 0 THY -1.00000  
1031 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 90 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1030 0 0 V -1.00000  
1030 0 0 THX 1.00000  
1031 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 91 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1049 0 0 W -1.00000  
1050 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1049 0 0 THX -1.00000  
1050 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1049 0 0 THY -1.00000  
1050 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1049 0 0 THZ -1.00000  
1050 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1049 0 0 U -1.00000  
1049 0 0 THY -1.00000  
1050 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	V	-1.00000
1049	0	0	THX	1.00000
1050	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	W	-1.00000
1062	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THX	-1.00000
1062	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THY	-1.00000
1062	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THZ	-1.00000
1062	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	U	-1.00000
1061	0	0	THY	-1.00000
1062	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	V	-1.00000
1061	0	0	THX	1.00000
1062	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	W	-1.00000
1087	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THX	-1.00000
1087	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THY	-1.00000
1087	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THZ	-1.00000
1087	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	U	-1.00000
1086	0	0	THY	-1.00000
1087	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	V	-1.00000
1086	0	0	THX	1.00000
1087	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	W	-1.00000
1099	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THX	-1.00000
1099	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THY	-1.00000
1099	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THZ	-1.00000
1099	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	U	-1.00000
1098	0	0	THY	-1.00000
1099	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	V	-1.00000
1098	0	0	THX	1.00000
1099	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	W	-1.00000
1118	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THX	-1.00000
1118	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THY	-1.00000
1118	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1117 0 0 THZ -1.00000  
1118 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	U	-1.00000
1117	0	0	THY	-1.00000
1118	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	V	-1.00000
1117	0	0	THX	1.00000
1118	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	W	-1.00000
1130	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THX	-1.00000
1130	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THY	-1.00000
1130	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THZ	-1.00000
1130	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	U	-1.00000
1129	0	0	THY	-1.00000
1130	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	V	-1.00000
1129	0	0	THX	1.00000
1130	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	W	-1.00000
1149	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THX	-1.00000
1149	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THY	-1.00000
1149	0	0	THY	1.00000



TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THZ	-1.00000
1149	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	U	-1.00000
1148	0	0	THY	-1.00000
1149	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	V	-1.00000
1148	0	0	THX	1.00000
1149	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	W	-1.00000
1161	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THX	-1.00000
1161	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THY	-1.00000
1161	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THZ	-1.00000
1161	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	U	-1.00000
1160	0	0	THY	-1.00000
1161	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	V	-1.00000
1160	0	0	THX	1.00000
1161	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	W	-1.00000
1186	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THX	-1.00000
1186	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THY	-1.00000
1186	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THZ	-1.00000
1186	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	U	-1.00000
1185	0	0	THY	-1.00000
1186	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	V	-1.00000
1185	0	0	THX	1.00000
1186	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	W	-1.00000
1198	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	THX	-1.00000
1198	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	THY	-1.00000
1198	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	THZ	-1.00000
1198	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	U	-1.00000
1197	0	0	THY	-1.00000
1198	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	V	-1.00000
1197	0	0	THX	1.00000
1198	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	W	-1.00000
1217	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	THX	-1.00000
1217	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	THY	-1.00000
1217	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	THZ	-1.00000
1217	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	U	-1.00000
1216	0	0	THY	-1.00000
1217	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	V	-1.00000
1216	0	0	THX	1.00000
1217	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	W	-1.00000
1229	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THX	-1.00000
1229	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THY	-1.00000
1229	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THZ	-1.00000
1229	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	U	-1.00000
1228	0	0	THY	-1.00000
1229	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	V	-1.00000
1228	0	0	THX	1.00000
1229	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
1253	0	0	W	-1.00000
1254	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1253	0	0	THX	-1.00000
1254	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1253	0	0	THY	-1.00000
1254	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1253	0	0	THZ	-1.00000
1254	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1253	0	0	U	-1.00000
1253	0	0	THY	-1.00000
1254	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 109 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1253	0	0	V	-1.00000
1253	0	0	THX	1.00000
1254	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 111 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1265	0	0	W	-1.00000
1266	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1265	0	0	THX	-1.00000
1266	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1265	0	0	THY	-1.00000
1266	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1265	0	0	THZ	-1.00000
1266	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1265	0	0	U	-1.00000
1265	0	0	THY	-1.00000
1266	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 111 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1265	0	0	V	-1.00000
1265	0	0	THX	1.00000

1266 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
26 0 0 W 1.00000  
1286 0 0 W -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
26 0 0 THX 1.00000  
1286 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
26 0 0 THY 1.00000  
1286 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
26 0 0 THZ 1.00000  
1286 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1286 0 0 W -1.00000  
1287 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1286 0 0 THX -1.00000  
1287 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1286 0 0 THY -1.00000  
1287 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1286 0 0 THZ -1.00000  
1287 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
26 0 0 U 0.666667  
1286 0 0 U -0.666667  
1286 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
26 0 0 V 0.666667  
1286 0 0 V -0.666667  
1286 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1286 0 0 U -1.00000  
1286 0 0 THY -1.00000  
1287 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	V	-1.00000
1286	0	0	THX	1.00000
1287	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	W	1.00000
1302	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	THX	1.00000
1302	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	THY	1.00000
1302	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	THZ	1.00000
1302	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1302	0	0	W	-1.00000
1303	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1302	0	0	THX	-1.00000
1303	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1302	0	0	THY	-1.00000
1303	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1302	0	0	THZ	-1.00000
1303	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	U	0.666667
1302	0	0	U	-0.666667
1302	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	V	0.666667
1302	0	0	V	-0.666667
1302	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1302	0	0	U	-1.00000
1302	0	0	THY	-1.00000
1303	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1302	0	0	V	-1.00000
1302	0	0	THX	1.00000
1303	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	W	-1.00000
1322	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	THX	-1.00000
1322	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	THY	-1.00000
1322	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	THZ	-1.00000
1322	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	U	-1.00000
1321	0	0	THY	-1.00000
1322	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	V	-1.00000
1321	0	0	THX	1.00000
1322	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	W	-1.00000
1334	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THX	-1.00000
1334	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THY	-1.00000
1334	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1333 0 0 THZ -1.00000  
1334 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1333 0 0 U -1.00000  
1333 0 0 THY -1.00000  
1334 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 117 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1333 0 0 V -1.00000  
1333 0 0 THX 1.00000  
1334 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 118 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1358 0 0 W -1.00000  
1359 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1358 0 0 THX -1.00000  
1359 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1358 0 0 THY -1.00000  
1359 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1358 0 0 THZ -1.00000  
1359 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1358 0 0 U -1.00000  
1358 0 0 THY -1.00000  
1359 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 118 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1358 0 0 V -1.00000  
1358 0 0 THX 1.00000  
1359 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 120 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1370 0 0 W -1.00000  
1371 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1370 0 0 THX -1.00000  
1371 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1370 0 0 THY -1.00000  
1371 0 0 THY 1.00000



TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THZ	-1.00000
1371	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	U	-1.00000
1370	0	0	THY	-1.00000
1371	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	V	-1.00000
1370	0	0	THX	1.00000
1371	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	W	-1.00000
1390	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THX	-1.00000
1390	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THY	-1.00000
1390	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THZ	-1.00000
1390	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	U	-1.00000
1389	0	0	THY	-1.00000
1390	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	V	-1.00000
1389	0	0	THX	1.00000
1390	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	W	-1.00000
1402	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THX	-1.00000
1402	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THY	-1.00000
1402	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THZ	-1.00000
1402	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	U	-1.00000
1401	0	0	THY	-1.00000
1402	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	V	-1.00000
1401	0	0	THX	1.00000
1402	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	W	-1.00000
1427	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THX	-1.00000
1427	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THY	-1.00000
1427	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THZ	-1.00000
1427	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	U	-1.00000
1426	0	0	THY	-1.00000
1427	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	V	-1.00000
1426	0	0	THX	1.00000
1427	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	W	-1.00000
1439	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	THX	-1.00000
1439	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	THY	-1.00000
1439	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	THZ	-1.00000
1439	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	U	-1.00000
1438	0	0	THY	-1.00000
1439	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	V	-1.00000
1438	0	0	THX	1.00000
1439	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	W	-1.00000
1458	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THX	-1.00000
1458	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THY	-1.00000
1458	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THZ	-1.00000
1458	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	U	-1.00000
1457	0	0	THY	-1.00000
1458	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	V	-1.00000
1457	0	0	THX	1.00000
1458	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 129 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
1469	0	0	W	-1.00000
1470	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1469	0	0	THX	-1.00000
1470	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1469	0	0	THY	-1.00000
1470	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1469	0	0	THZ	-1.00000
1470	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1469	0	0	U	-1.00000
1469	0	0	THY	-1.00000
1470	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 129 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1469	0	0	V	-1.00000
1469	0	0	THX	1.00000
1470	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 130 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1488	0	0	W	-1.00000
1489	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1488	0	0	THX	-1.00000
1489	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1488	0	0	THY	-1.00000
1489	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1488	0	0	THZ	-1.00000
1489	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1488	0	0	U	-1.00000
1488	0	0	THY	-1.00000
1489	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 130 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1488	0	0	V	-1.00000
1488	0	0	THX	1.00000

1489 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 132 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1500 0 0 W -1.00000  
1501 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1500 0 0 THX -1.00000  
1501 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1500 0 0 THY -1.00000  
1501 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1500 0 0 THZ -1.00000  
1501 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1500 0 0 U -1.00000  
1500 0 0 THY -1.00000  
1501 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 132 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1500 0 0 V -1.00000  
1500 0 0 THX 1.00000  
1501 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 133 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1525 0 0 W -1.00000  
1526 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1525 0 0 THX -1.00000  
1526 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1525 0 0 THY -1.00000  
1526 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1525 0 0 THZ -1.00000  
1526 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1525 0 0 U -1.00000  
1525 0 0 THY -1.00000  
1526 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	V	-1.00000
1525	0	0	THX	1.00000
1526	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	W	-1.00000
1538	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THX	-1.00000
1538	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THY	-1.00000
1538	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THZ	-1.00000
1538	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	U	-1.00000
1537	0	0	THY	-1.00000
1538	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	V	-1.00000
1537	0	0	THX	1.00000
1538	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	W	-1.00000
1557	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	THX	-1.00000
1557	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	THY	-1.00000
1557	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	THZ	-1.00000
1557	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	U	-1.00000
1556	0	0	THY	-1.00000
1557	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	V	-1.00000
1556	0	0	THX	1.00000
1557	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	W	-1.00000
1569	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	THX	-1.00000
1569	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	THY	-1.00000
1569	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	THZ	-1.00000
1569	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	U	-1.00000
1568	0	0	THY	-1.00000
1569	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	V	-1.00000
1568	0	0	THX	1.00000
1569	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	W	-1.00000
1594	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THX	-1.00000
1594	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THY	-1.00000
1594	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1593	0	0	THZ	-1.00000
1594	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	U	-1.00000
1593	0	0	THY	-1.00000
1594	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	V	-1.00000
1593	0	0	THX	1.00000
1594	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	W	-1.00000
1606	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THX	-1.00000
1606	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THY	-1.00000
1606	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THZ	-1.00000
1606	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	U	-1.00000
1605	0	0	THY	-1.00000
1606	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	V	-1.00000
1605	0	0	THX	1.00000
1606	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	W	1.00000
1626	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THX	1.00000
1626	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THY	1.00000
1626	0	0	THY	-1.00000



TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THZ	1.00000
1626	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	W	-1.00000
1627	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THX	-1.00000
1627	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THY	-1.00000
1627	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THZ	-1.00000
1627	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	U	0.666667
1626	0	0	U	-0.666667
1626	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	V	0.666667
1626	0	0	V	-0.666667
1626	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	U	-1.00000
1626	0	0	THY	-1.00000
1627	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	V	-1.00000
1626	0	0	THX	1.00000
1627	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	W	1.00000
1642	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	THX	1.00000
1642	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	THY	1.00000
1642	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	THZ	1.00000
1642	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	W	-1.00000
1643	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THX	-1.00000
1643	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THY	-1.00000
1643	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THZ	-1.00000
1643	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	U	0.666667
1642	0	0	U	-0.666667
1642	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	V	0.666667
1642	0	0	V	-0.666667
1642	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	U	-1.00000
1642	0	0	THY	-1.00000
1643	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	V	-1.00000
1642	0	0	THX	1.00000
1643	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	W	-1.00000
1662	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	THX	-1.00000
1662	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	THY	-1.00000
1662	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	THZ	-1.00000
1662	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	U	-1.00000
1661	0	0	THY	-1.00000
1662	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	V	-1.00000
1661	0	0	THX	1.00000
1662	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	W	-1.00000
1674	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THX	-1.00000
1674	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THY	-1.00000
1674	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THZ	-1.00000
1674	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	U	-1.00000
1673	0	0	THY	-1.00000
1674	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	V	-1.00000
1673	0	0	THX	1.00000
1674	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
1698	0	0	W	-1.00000
1699	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THX	-1.00000
1699	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THY	-1.00000
1699	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THZ	-1.00000
1699	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	U	-1.00000
1698	0	0	THY	-1.00000
1699	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	V	-1.00000
1698	0	0	THX	1.00000
1699	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	W	-1.00000
1711	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THX	-1.00000
1711	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THY	-1.00000
1711	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THZ	-1.00000
1711	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	U	-1.00000
1710	0	0	THY	-1.00000
1711	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	V	-1.00000
1710	0	0	THX	1.00000

1711 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 151 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1729 0 0 W -1.00000  
1730 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1729 0 0 THX -1.00000  
1730 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1729 0 0 THY -1.00000  
1730 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1729 0 0 THZ -1.00000  
1730 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1729 0 0 U -1.00000  
1729 0 0 THY -1.00000  
1730 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 151 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1729 0 0 V -1.00000  
1729 0 0 THX 1.00000  
1730 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 153 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1741 0 0 W -1.00000  
1742 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1741 0 0 THX -1.00000  
1742 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1741 0 0 THY -1.00000  
1742 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1741 0 0 THZ -1.00000  
1742 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1741 0 0 U -1.00000  
1741 0 0 THY -1.00000  
1742 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	V	-1.00000
1741	0	0	THX	1.00000
1742	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	W	-1.00000
1767	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THX	-1.00000
1767	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THY	-1.00000
1767	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THZ	-1.00000
1767	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	U	-1.00000
1766	0	0	THY	-1.00000
1767	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	V	-1.00000
1766	0	0	THX	1.00000
1767	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	W	-1.00000
1779	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	THX	-1.00000
1779	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	THY	-1.00000
1779	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	THZ	-1.00000
1779	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	U	-1.00000
1778	0	0	THY	-1.00000
1779	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	V	-1.00000
1778	0	0	THX	1.00000
1779	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	W	-1.00000
1798	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	THX	-1.00000
1798	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	THY	-1.00000
1798	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	THZ	-1.00000
1798	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	U	-1.00000
1797	0	0	THY	-1.00000
1798	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	V	-1.00000
1797	0	0	THX	1.00000
1798	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	W	-1.00000
1810	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THX	-1.00000
1810	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THY	-1.00000
1810	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1809 0 0 THZ -1.00000  
1810 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1809 0 0 U -1.00000  
1809 0 0 THY -1.00000  
1810 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 159 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1809 0 0 V -1.00000  
1809 0 0 THX 1.00000  
1810 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 160 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1828 0 0 W -1.00000  
1829 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1828 0 0 THX -1.00000  
1829 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1828 0 0 THY -1.00000  
1829 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1828 0 0 THZ -1.00000  
1829 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1828 0 0 U -1.00000  
1828 0 0 THY -1.00000  
1829 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 160 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1828 0 0 V -1.00000  
1828 0 0 THX 1.00000  
1829 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 162 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1840 0 0 W -1.00000  
1841 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1840 0 0 THX -1.00000  
1841 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1840 0 0 THY -1.00000  
1841 0 0 THY 1.00000



TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THZ	-1.00000
1841	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	U	-1.00000
1840	0	0	THY	-1.00000
1841	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	V	-1.00000
1840	0	0	THX	1.00000
1841	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	W	-1.00000
1866	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THX	-1.00000
1866	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THY	-1.00000
1866	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THZ	-1.00000
1866	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	U	-1.00000
1865	0	0	THY	-1.00000
1866	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	V	-1.00000
1865	0	0	THX	1.00000
1866	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	W	-1.00000
1878	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THX	-1.00000
1878	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THY	-1.00000
1878	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THZ	-1.00000
1878	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	U	-1.00000
1877	0	0	THY	-1.00000
1878	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	V	-1.00000
1877	0	0	THX	1.00000
1878	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	W	-1.00000
1897	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THX	-1.00000
1897	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THY	-1.00000
1897	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THZ	-1.00000
1897	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	U	-1.00000
1896	0	0	THY	-1.00000
1897	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	V	-1.00000
1896	0	0	THX	1.00000
1897	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	W	-1.00000
1909	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THX	-1.00000
1909	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THY	-1.00000
1909	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THZ	-1.00000
1909	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	U	-1.00000
1908	0	0	THY	-1.00000
1909	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	V	-1.00000
1908	0	0	THX	1.00000
1909	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	W	-1.00000
1934	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THX	-1.00000
1934	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THY	-1.00000
1934	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THZ	-1.00000
1934	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	U	-1.00000
1933	0	0	THY	-1.00000
1934	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	V	-1.00000
1933	0	0	THX	1.00000
1934	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
1945	0	0	W	-1.00000
1946	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THX	-1.00000
1946	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THY	-1.00000
1946	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THZ	-1.00000
1946	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	U	-1.00000
1945	0	0	THY	-1.00000
1946	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	V	-1.00000
1945	0	0	THX	1.00000
1946	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	W	1.00000
1966	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THX	1.00000
1966	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THY	1.00000
1966	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THZ	1.00000
1966	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	W	-1.00000
1967	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THX	-1.00000
1967	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THY	-1.00000
1967	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THZ	-1.00000
1967	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	U	0.666667
1966	0	0	U	-0.666667
1966	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	V	0.666667
1966	0	0	V	-0.666667
1966	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	U	-1.00000
1966	0	0	THY	-1.00000
1967	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	V	-1.00000
1966	0	0	THX	1.00000
1967	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	W	1.00000
1982	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THX	1.00000
1982	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THY	1.00000
1982	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THZ	1.00000
1982	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	W	-1.00000
1983	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THX	-1.00000
1983	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THY	-1.00000
1983	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THZ	-1.00000
1983	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	U	0.666667
1982	0	0	U	-0.666667
1982	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	V	0.666667
1982	0	0	V	-0.666667
1982	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	U	-1.00000
1982	0	0	THY	-1.00000
1983	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	V	-1.00000
1982	0	0	THX	1.00000
1983	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	W	-1.00000
2002	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THX	-1.00000
2002	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THY	-1.00000
2002	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THZ	-1.00000
2002	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	U	-1.00000
2001	0	0	THY	-1.00000
2002	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	V	-1.00000
2001	0	0	THX	1.00000
2002	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	W	-1.00000
2014	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THX	-1.00000
2014	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THY	-1.00000
2014	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THZ	-1.00000
2014	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	U	-1.00000
2013	0	0	THY	-1.00000
2014	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	V	-1.00000
2013	0	0	THX	1.00000
2014	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	W	-1.00000
2039	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THX	-1.00000
2039	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THY	-1.00000
2039	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2038 0 0 THZ -1.00000  
2039 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2038 0 0 U -1.00000  
2038 0 0 THY -1.00000  
2039 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 178 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2038 0 0 V -1.00000  
2038 0 0 THX 1.00000  
2039 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 180 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2050 0 0 W -1.00000  
2051 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2050 0 0 THX -1.00000  
2051 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2050 0 0 THY -1.00000  
2051 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2050 0 0 THZ -1.00000  
2051 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2050 0 0 U -1.00000  
2050 0 0 THY -1.00000  
2051 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 180 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2050 0 0 V -1.00000  
2050 0 0 THX 1.00000  
2051 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 181 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2069 0 0 W -1.00000  
2070 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2069 0 0 THX -1.00000  
2070 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2069 0 0 THY -1.00000  
2070 0 0 THY 1.00000



TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THZ	-1.00000
2070	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	U	-1.00000
2069	0	0	THY	-1.00000
2070	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	V	-1.00000
2069	0	0	THX	1.00000
2070	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	W	-1.00000
2082	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THX	-1.00000
2082	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THY	-1.00000
2082	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THZ	-1.00000
2082	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	U	-1.00000
2081	0	0	THY	-1.00000
2082	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	V	-1.00000
2081	0	0	THX	1.00000
2082	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	W	-1.00000
2107	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THX	-1.00000
2107	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THY	-1.00000
2107	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THZ	-1.00000
2107	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	U	-1.00000
2106	0	0	THY	-1.00000
2107	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	V	-1.00000
2106	0	0	THX	1.00000
2107	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	W	-1.00000
2119	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THX	-1.00000
2119	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THY	-1.00000
2119	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THZ	-1.00000
2119	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	U	-1.00000
2118	0	0	THY	-1.00000
2119	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	V	-1.00000
2118	0	0	THX	1.00000
2119	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	W	-1.00000
2138	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THX	-1.00000
2138	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THY	-1.00000
2138	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THZ	-1.00000
2138	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	U	-1.00000
2137	0	0	THY	-1.00000
2138	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	V	-1.00000
2137	0	0	THX	1.00000
2138	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	W	-1.00000
2150	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THX	-1.00000
2150	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THY	-1.00000
2150	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THZ	-1.00000
2150	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	U	-1.00000
2149	0	0	THY	-1.00000
2150	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	V	-1.00000
2149	0	0	THX	1.00000
2150	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2168	0	0	W	-1.00000
2169	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THX	-1.00000
2169	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THY	-1.00000
2169	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THZ	-1.00000
2169	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	U	-1.00000
2168	0	0	THY	-1.00000
2169	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	V	-1.00000
2168	0	0	THX	1.00000
2169	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	W	-1.00000
2181	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THX	-1.00000
2181	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THY	-1.00000
2181	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THZ	-1.00000
2181	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	U	-1.00000
2180	0	0	THY	-1.00000
2181	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	V	-1.00000
2180	0	0	THX	1.00000

2181 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 193 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2205 0 0 W -1.00000  
2206 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2205 0 0 THX -1.00000  
2206 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2205 0 0 THY -1.00000  
2206 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2205 0 0 THZ -1.00000  
2206 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2205 0 0 U -1.00000  
2205 0 0 THY -1.00000  
2206 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 193 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2205 0 0 V -1.00000  
2205 0 0 THX 1.00000  
2206 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 195 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 W -1.00000  
2218 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 THX -1.00000  
2218 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 THY -1.00000  
2218 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 THZ -1.00000  
2218 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 U -1.00000  
2217 0 0 THY -1.00000  
2218 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	V	-1.00000
2217	0	0	THX	1.00000
2218	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	W	-1.00000
2237	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	THX	-1.00000
2237	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	THY	-1.00000
2237	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	THZ	-1.00000
2237	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	U	-1.00000
2236	0	0	THY	-1.00000
2237	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	V	-1.00000
2236	0	0	THX	1.00000
2237	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 198 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2248	0	0	W	-1.00000
2249	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2248	0	0	THX	-1.00000
2249	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2248	0	0	THY	-1.00000
2249	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2248	0	0	THZ	-1.00000
2249	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2248	0	0	U	-1.00000
2248	0	0	THY	-1.00000
2249	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 198 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2248	0	0	V	-1.00000
2248	0	0	THX	1.00000
2249	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	W	-1.00000
2274	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	THX	-1.00000
2274	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	THY	-1.00000
2274	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	THZ	-1.00000
2274	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	U	-1.00000
2273	0	0	THY	-1.00000
2274	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	V	-1.00000
2273	0	0	THX	1.00000
2274	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	W	-1.00000
2286	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THX	-1.00000
2286	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THY	-1.00000
2286	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2285	0	0	THZ	-1.00000
2286	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	U	-1.00000
2285	0	0	THY	-1.00000
2286	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	V	-1.00000
2285	0	0	THX	1.00000
2286	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	W	1.00000
2306	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THX	1.00000
2306	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THY	1.00000
2306	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THZ	1.00000
2306	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	W	-1.00000
2307	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THX	-1.00000
2307	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THY	-1.00000
2307	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THZ	-1.00000
2307	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	U	0.666667
2306	0	0	U	-0.666667
2306	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3



EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	V	0.666667
2306	0	0	V	-0.666667
2306	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	U	-1.000000
2306	0	0	THY	-1.000000
2307	0	0	U	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	V	-1.000000
2306	0	0	THX	1.000000
2307	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	W	1.000000
2322	0	0	W	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THX	1.000000
2322	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THY	1.000000
2322	0	0	THY	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THZ	1.000000
2322	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	W	-1.000000
2323	0	0	W	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THX	-1.000000
2323	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THY	-1.000000
2323	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THZ	-1.000000
2323	0	0	THZ	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	U	0.666667
2322	0	0	U	-0.666667
2322	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	V	0.666667
2322	0	0	V	-0.666667
2322	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	U	-1.00000
2322	0	0	THY	-1.00000
2323	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	V	-1.00000
2322	0	0	THX	1.00000
2323	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	W	-1.00000
2342	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	THX	-1.00000
2342	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	THY	-1.00000
2342	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	THZ	-1.00000
2342	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	U	-1.00000
2341	0	0	THY	-1.00000
2342	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	V	-1.00000
2341	0	0	THX	1.00000
2342	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	W	-1.00000
2354	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	THX	-1.00000
2354	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	THY	-1.00000
2354	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	THZ	-1.00000
2354	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	U	-1.00000
2353	0	0	THY	-1.00000
2354	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	V	-1.00000
2353	0	0	THX	1.00000
2354	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	W	-1.00000
2385	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THX	-1.00000
2385	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THY	-1.00000
2385	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THZ	-1.00000
2385	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	U	-1.00000
2384	0	0	THY	-1.00000
2385	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	V	-1.00000
2384	0	0	THX	1.00000
2385	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2396	0	0	W	-1.00000
2397	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2396	0	0	THX	-1.00000
2397	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2396	0	0	THY	-1.00000
2397	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2396	0	0	THZ	-1.00000
2397	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2396	0	0	U	-1.00000
2396	0	0	THY	-1.00000
2397	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 210 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2396	0	0	V	-1.00000
2396	0	0	THX	1.00000
2397	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 211 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2415	0	0	W	-1.00000
2416	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2415	0	0	THX	-1.00000
2416	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2415	0	0	THY	-1.00000
2416	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2415	0	0	THZ	-1.00000
2416	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2415	0	0	U	-1.00000
2415	0	0	THY	-1.00000
2416	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 211 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2415	0	0	V	-1.00000
2415	0	0	THX	1.00000

2416 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 213 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2427 0 0 W -1.00000  
2428 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2427 0 0 THX -1.00000  
2428 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2427 0 0 THY -1.00000  
2428 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2427 0 0 THZ -1.00000  
2428 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2427 0 0 U -1.00000  
2427 0 0 THY -1.00000  
2428 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 213 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2427 0 0 V -1.00000  
2427 0 0 THX 1.00000  
2428 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 214 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2452 0 0 W -1.00000  
2453 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2452 0 0 THX -1.00000  
2453 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2452 0 0 THY -1.00000  
2453 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2452 0 0 THZ -1.00000  
2453 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2452 0 0 U -1.00000  
2452 0 0 THY -1.00000  
2453 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	V	-1.00000
2452	0	0	THX	1.00000
2453	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	W	-1.00000
2465	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THX	-1.00000
2465	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THY	-1.00000
2465	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THZ	-1.00000
2465	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	U	-1.00000
2464	0	0	THY	-1.00000
2465	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	V	-1.00000
2464	0	0	THX	1.00000
2465	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	W	-1.00000
2484	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	THX	-1.00000
2484	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	THY	-1.00000
2484	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	THZ	-1.00000
2484	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	U	-1.00000
2483	0	0	THY	-1.00000
2484	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	V	-1.00000
2483	0	0	THX	1.00000
2484	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	W	-1.00000
2496	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THX	-1.00000
2496	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THY	-1.00000
2496	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THZ	-1.00000
2496	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	U	-1.00000
2495	0	0	THY	-1.00000
2496	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	V	-1.00000
2495	0	0	THX	1.00000
2496	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	W	-1.00000
2515	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THX	-1.00000
2515	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THY	-1.00000
2515	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2514 0 0 THZ -1.00000  
2515 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2514 0 0 U -1.00000  
2514 0 0 THY -1.00000  
2515 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 220 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2514 0 0 V -1.00000  
2514 0 0 THX 1.00000  
2515 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 222 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2526 0 0 W -1.00000  
2527 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2526 0 0 THX -1.00000  
2527 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2526 0 0 THY -1.00000  
2527 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2526 0 0 THZ -1.00000  
2527 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2526 0 0 U -1.00000  
2526 0 0 THY -1.00000  
2527 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 222 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2526 0 0 V -1.00000  
2526 0 0 THX 1.00000  
2527 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 223 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2551 0 0 W -1.00000  
2552 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2551 0 0 THX -1.00000  
2552 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2551 0 0 THY -1.00000  
2552 0 0 THY 1.00000



TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THZ	-1.00000
2552	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	U	-1.00000
2551	0	0	THY	-1.00000
2552	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	V	-1.00000
2551	0	0	THX	1.00000
2552	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	W	-1.00000
2564	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THX	-1.00000
2564	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THY	-1.00000
2564	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THZ	-1.00000
2564	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	U	-1.00000
2563	0	0	THY	-1.00000
2564	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	V	-1.00000
2563	0	0	THX	1.00000
2564	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	W	-1.00000
2583	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THX	-1.00000
2583	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THY	-1.00000
2583	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THZ	-1.00000
2583	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	U	-1.00000
2582	0	0	THY	-1.00000
2583	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	V	-1.00000
2582	0	0	THX	1.00000
2583	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	W	-1.00000
2595	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THX	-1.00000
2595	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THY	-1.00000
2595	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THZ	-1.00000
2595	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	U	-1.00000
2594	0	0	THY	-1.00000
2595	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	V	-1.00000
2594	0	0	THX	1.00000
2595	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	W	-1.00000
2632	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	THX	-1.00000
2632	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	THY	-1.00000
2632	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	THZ	-1.00000
2632	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	U	-1.00000
2631	0	0	THY	-1.00000
2632	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	V	-1.00000
2631	0	0	THX	1.00000
2632	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	W	-1.00000
2644	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THX	-1.00000
2644	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THY	-1.00000
2644	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THZ	-1.00000
2644	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	U	-1.00000
2643	0	0	THY	-1.00000
2644	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	V	-1.00000
2643	0	0	THX	1.00000
2644	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
49	0	0	W	1.00000
2664	0	0	W	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
49	0	0	THX	1.00000
2664	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
49	0	0	THY	1.00000
2664	0	0	THY	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
49	0	0	THZ	1.00000
2664	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2664	0	0	W	-1.00000
2665	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2664	0	0	THX	-1.00000
2665	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2664	0	0	THY	-1.00000
2665	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2664	0	0	THZ	-1.00000
2665	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
49	0	0	U	0.666667
2664	0	0	U	-0.666667
2664	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
49	0	0	V	0.666667
2664	0	0	V	-0.666667
2664	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2664	0	0	U	-1.00000
2664	0	0	THY	-1.00000
2665	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2664	0	0	V	-1.00000
2664	0	0	THX	1.00000

2665 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
53 0 0 W 1.00000  
2680 0 0 W -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
53 0 0 THX 1.00000  
2680 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
53 0 0 THY 1.00000  
2680 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
53 0 0 THZ 1.00000  
2680 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2680 0 0 W -1.00000  
2681 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2680 0 0 THX -1.00000  
2681 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2680 0 0 THY -1.00000  
2681 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2680 0 0 THZ -1.00000  
2681 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
53 0 0 U 0.666667  
2680 0 0 U -0.666667  
2680 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
53 0 0 V 0.666667  
2680 0 0 V -0.666667  
2680 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2680 0 0 U -1.00000  
2680 0 0 THY -1.00000  
2681 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	V	-1.00000
2680	0	0	THX	1.00000
2681	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	W	-1.00000
2700	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	THX	-1.00000
2700	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	THY	-1.00000
2700	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	THZ	-1.00000
2700	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	U	-1.00000
2699	0	0	THY	-1.00000
2700	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	V	-1.00000
2699	0	0	THX	1.00000
2700	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	W	-1.00000
2712	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THX	-1.00000
2712	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THY	-1.00000
2712	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THZ	-1.00000
2712	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	U	-1.00000
2711	0	0	THY	-1.00000
2712	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	V	-1.00000
2711	0	0	THX	1.00000
2712	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	W	-1.00000
2737	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THX	-1.00000
2737	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THY	-1.00000
2737	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THZ	-1.00000
2737	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	U	-1.00000
2736	0	0	THY	-1.00000
2737	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	V	-1.00000
2736	0	0	THX	1.00000
2737	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	W	-1.00000
2749	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THX	-1.00000
2749	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THY	-1.00000
2749	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2748	0	0	THZ	-1.00000
2749	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	U	-1.00000
2748	0	0	THY	-1.00000
2749	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	V	-1.00000
2748	0	0	THX	1.00000
2749	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	W	-1.00000
2768	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THX	-1.00000
2768	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THY	-1.00000
2768	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THZ	-1.00000
2768	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	U	-1.00000
2767	0	0	THY	-1.00000
2768	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	V	-1.00000
2767	0	0	THX	1.00000
2768	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	W	-1.00000
2780	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THX	-1.00000
2780	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THY	-1.00000
2780	0	0	THY	1.00000



TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THZ	-1.00000
2780	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	U	-1.00000
2779	0	0	THY	-1.00000
2780	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	V	-1.00000
2779	0	0	THX	1.00000
2780	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	W	-1.00000
2805	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THX	-1.00000
2805	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THY	-1.00000
2805	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THZ	-1.00000
2805	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	U	-1.00000
2804	0	0	THY	-1.00000
2805	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	V	-1.00000
2804	0	0	THX	1.00000
2805	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	W	-1.00000
2817	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THX	-1.00000
2817	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THY	-1.00000
2817	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THZ	-1.00000
2817	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	U	-1.00000
2816	0	0	THY	-1.00000
2817	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	V	-1.00000
2816	0	0	THX	1.00000
2817	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	W	-1.00000
2836	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THX	-1.00000
2836	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THY	-1.00000
2836	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THZ	-1.00000
2836	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	U	-1.00000
2835	0	0	THY	-1.00000
2836	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	V	-1.00000
2835	0	0	THX	1.00000
2836	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	W	-1.00000
2848	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	THX	-1.00000
2848	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	THY	-1.00000
2848	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	THZ	-1.00000
2848	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	U	-1.00000
2847	0	0	THY	-1.00000
2848	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	V	-1.00000
2847	0	0	THX	1.00000
2848	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	W	-1.00000
2873	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THX	-1.00000
2873	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THY	-1.00000
2873	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THZ	-1.00000
2873	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	U	-1.00000
2872	0	0	THY	-1.00000
2873	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	V	-1.00000
2872	0	0	THX	1.00000
2873	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2884	0	0	W	-1.00000
2885	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2884	0	0	THX	-1.00000
2885	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2884	0	0	THY	-1.00000
2885	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2884	0	0	THZ	-1.00000
2885	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2884	0	0	U	-1.00000
2884	0	0	THY	-1.00000
2885	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 252 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2884	0	0	V	-1.00000
2884	0	0	THX	1.00000
2885	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
55	0	0	W	1.00000
2905	0	0	W	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
55	0	0	THX	1.00000
2905	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
55	0	0	THY	1.00000
2905	0	0	THY	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
55	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2905	0	0	W	-1.00000
2906	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2905	0	0	THX	-1.00000
2906	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THY	-1.00000
2906	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THZ	-1.00000
2906	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	U	0.666667
2905	0	0	U	-0.666667
2905	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	V	0.666667
2905	0	0	V	-0.666667
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	U	-1.00000
2905	0	0	THY	-1.00000
2906	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	V	-1.00000
2905	0	0	THX	1.00000
2906	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	W	1.00000
2921	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THX	1.00000
2921	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THY	1.00000
2921	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THZ	1.00000
2921	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	W	-1.00000
2922	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THX	-1.00000
2922	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THY	-1.00000
2922	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THZ	-1.00000
2922	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	U	0.666667
2921	0	0	U	-0.666667
2921	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	V	0.666667
2921	0	0	V	-0.666667
2921	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	U	-1.00000
2921	0	0	THY	-1.00000
2922	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	V	-1.00000
2921	0	0	THX	1.00000
2922	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	V	1.00000
3	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THX	1.00000
3	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THY	1.00000
3	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THZ	1.00000
3	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	V	-1.00000
6	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THX	-1.00000
6	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THY	-1.00000
6	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THZ	-1.00000
6	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	U	0.285714
3	0	0	U	-0.285714
3	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	W	0.285714
3	0	0	W	-0.285714
3	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	U	-0.285714
3	0	0	THZ	1.00000
6	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	W	-0.285714
3	0	0	THX	-1.00000
6	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	V	1.00000
9	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THX	1.00000
9	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THY	1.00000
9	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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8	0	0	THZ	1.00000
9	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	V	-1.00000
12	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THX	-1.00000
12	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THY	-1.00000
12	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THZ	-1.00000
12	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	U	0.285714
9	0	0	U	-0.285714
9	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	W	0.285714
9	0	0	W	-0.285714
9	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	U	-0.285714
9	0	0	THZ	1.00000
12	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	W	-0.285714
9	0	0	THX	-1.00000
12	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	V	1.00000
15	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THX	1.00000
15	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THY	1.00000
15	0	0	THY	-1.00000



TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THZ	1.00000
15	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	V	-1.00000
18	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THX	-1.00000
18	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THY	-1.00000
18	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THZ	-1.00000
18	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	U	0.285714
15	0	0	U	-0.285714
15	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	W	0.285714
15	0	0	W	-0.285714
15	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	U	-0.285714
15	0	0	THZ	1.00000
18	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	W	-0.285714
15	0	0	THX	-1.00000
18	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	V	1.00000
22	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THX	1.00000
22	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THY	1.00000
22	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THZ	1.00000
22	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	V	-1.00000
24	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THX	-1.00000
24	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THY	-1.00000
24	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THZ	-1.00000
24	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	U	0.285714
22	0	0	U	-0.285714
22	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	W	0.285714
22	0	0	W	-0.285714
22	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	U	-0.285714
22	0	0	THZ	1.00000
24	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	W	-0.285714
22	0	0	THX	-1.00000
24	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	V	1.00000
28	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	THX	1.00000
28	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	THY	1.00000
28	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	THZ	1.00000
28	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	V	-1.00000
29	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	THX	-1.00000
29	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	THY	-1.00000
29	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	THZ	-1.00000
29	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	U	0.285714
28	0	0	U	-0.285714
28	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	W	0.285714
28	0	0	W	-0.285714
28	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	U	-0.285714
28	0	0	THZ	1.00000
29	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	W	-0.285714
28	0	0	THX	-1.00000
29	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
-------	------	------	---------	-------------

NODE	NODE	RNCE	TYPE	
31	0	0	V	1.00000
33	0	0	V	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
31	0	0	THX	1.00000
33	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
31	0	0	THY	1.00000
33	0	0	THY	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
31	0	0	THZ	1.00000
33	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
33	0	0	V	-1.00000
36	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
33	0	0	THX	-1.00000
36	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
33	0	0	THY	-1.00000
36	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
33	0	0	THZ	-1.00000
36	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
31	0	0	U	0.285714
33	0	0	U	-0.285714
33	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
31	0	0	W	0.285714
33	0	0	W	-0.285714
33	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
33	0	0	U	-0.285714
33	0	0	THZ	1.00000
36	0	0	U	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
33	0	0	W	-0.285714
33	0	0	THX	-1.00000

36 0 0 W 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 262 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
37 0 0 V 1.00000  
40 0 0 V -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
37 0 0 THX 1.00000  
40 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
37 0 0 THY 1.00000  
40 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
37 0 0 THZ 1.00000  
40 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
40 0 0 V -1.00000  
42 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
40 0 0 THX -1.00000  
42 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
40 0 0 THY -1.00000  
42 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
40 0 0 THZ -1.00000  
42 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
37 0 0 U 0.285714  
40 0 0 U -0.285714  
40 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 262 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
37 0 0 W 0.285714  
40 0 0 W -0.285714  
40 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 262 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
40 0 0 U -0.285714  
40 0 0 THZ 1.00000  
42 0 0 U 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	W	-0.285714
40	0	0	THX	-1.00000
42	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	V	1.00000
45	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THX	1.00000
45	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THY	1.00000
45	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THZ	1.00000
45	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	V	-1.00000
47	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	THX	-1.00000
47	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	THY	-1.00000
47	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	THZ	-1.00000
47	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	U	0.285714
45	0	0	U	-0.285714
45	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	W	0.285714
45	0	0	W	-0.285714
45	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	U	-0.285714
45	0	0	THZ	1.000000
47	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	W	-0.285714
45	0	0	THX	-1.000000
47	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	V	1.000000
58	0	0	V	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	THX	1.000000
58	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	THY	1.000000
58	0	0	THY	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	THZ	1.000000
58	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	V	-1.000000
59	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	THX	-1.000000
59	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	THY	-1.000000
59	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	THZ	-1.000000
59	0	0	THZ	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	U	0.285714
58	0	0	U	-0.285714
58	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	W	0.285714

58 0 0 W -0.285714  
58 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
58 0 0 U -0.285714  
58 0 0 THZ 1.00000  
59 0 0 U 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
58 0 0 W -0.285714  
58 0 0 THX -1.00000  
59 0 0 W 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
50 0 0 V 1.00000  
52 0 0 V -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
50 0 0 THX 1.00000  
52 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
50 0 0 THY 1.00000  
52 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
50 0 0 THZ 1.00000  
52 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
52 0 0 V -1.00000  
54 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
52 0 0 THX -1.00000  
54 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
52 0 0 THY -1.00000  
54 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
52 0 0 THZ -1.00000  
54 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
50 0 0 U 0.285714  
52 0 0 U -0.285714  
52 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3



EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	W	0.285714
52	0	0	W	-0.285714
52	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	U	-0.285714
52	0	0	THZ	1.000000
54	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	W	-0.285714
52	0	0	THX	-1.000000
54	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 1260  
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 3  
 LARGEST NODE NUMBER ENCOUNTERED = 10451  
 DATA STORAGE LOCATIONS USED = 10923

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	CONDITION	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT
4	16	6 R R R R R R		0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
21	27	6 R R R R R R		0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
34	39	5 R R R R R R		0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
46	51	5 R R R R R R		0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
57	0	0 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 = 10  
 LARGEST NODE NUMBER = 57  
 DATA STORAGE LOCATIONS USED = 180

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
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0.0000E+00				2.431	0.0000E+00	0.0000E+00	-0.3239E+05	0.0000E+00	0.0000E+00
1828	0	0	320	0.0000E+00	0.0000E+00	0.0000E+00	-0.3239E+05	0.0000E+00	0.0000E+00
0.0000E+00				2.431	0.0000E+00	0.0000E+00	-0.3239E+05	0.0000E+00	0.0000E+00
0.0000E+00				1829	0.0000E+00	0.0000E+00	0.0000E+00	-0.1799E+05	0.0000E+00
0.0000E+00				2.431	0.0000E+00	0.0000E+00	-0.1799E+05	0.0000E+00	0.0000E+00
0.0000E+00				1830	0.0000E+00	0.0000E+00	0.0000E+00	-0.3239E+05	0.0000E+00
0.0000E+00				2.431	0.0000E+00	0.0000E+00	-0.3239E+05	0.0000E+00	0.0000E+00
0.0000E+00				1839	0.0000E+00	0.0000E+00	0.0000E+00	-0.3239E+05	0.0000E+00
0.0000E+00				0.5000	0.0000E+00	0.0000E+00	-0.3239E+05	0.0000E+00	0.0000E+00
0.0000E+00				1840	0.0000E+00	0.0000E+00	0.0000E+00	-0.1799E+05	0.0000E+00
0.0000E+00				0.5000	0.0000E+00	0.0000E+00	-0.1799E+05	0.0000E+00	0.0000E+00
0.0000E+00				1841	0.0000E+00	0.0000E+00	0.0000E+00	-0.3239E+05	0.0000E+00
0.0000E+00				0.5000	0.0000E+00	0.0000E+00	-0.3239E+05	0.0000E+00	0.0000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 621  
LARGEST NODE OR ELEMENT NUMBER = 1841

DATA STORAGE LOCATIONS USED = 14144

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	2017	1	0	0	0	0	0
TOTAL NUMBER OF ELEMENT OUTPUT SETS				=	1		
TOTAL NUMBER OF ELEMENTS OUTPUT				=	2017		
LARGEST ELEMENT NUMBER INPUT				=	2017		
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	3331	1	0	0
3743	3754	1	0	0
8152	8154	2	0	0
8155	8159	1	0	0
8161	8164	1	0	0
8166	8172	1	0	0
8180	8182	2	0	0
8183	8187	1	0	0
8189	8192	1	0	0
8194	8195	1	0	0
8198	8201	3	0	0
8205	8206	1	0	0
8211	8214	3	0	0
8215	8218	3	0	0
8219	8223	4	0	0
8225	8226	1	0	0
8228	8229	1	0	0
8231	8232	1	0	0
8234	8238	4	0	0
8249	8264	15	0	0
8296	8302	6	0	0
8318	8321	3	0	0
8470	8471	1	0	0
8477	8478	1	0	0
8481	8482	1	0	0
8485	8486	1	0	0
8489	8490	1	0	0
8509	8510	1	0	0
8513	8514	1	0	0
8517	8518	1	0	0
8521	8524	3	0	0
8525	8528	3	0	0
8529	8532	3	0	0
8533	8549	16	0	0
8550	8553	3	0	0
8554	8557	3	0	0

8558	8697	139	0	0
8750	8776	26	0	0
8779	8794	15	0	0
8804	8827	23	0	0
8830	8833	3	0	0
8967	8976	3	0	0
8978	8985	7	0	0
8987	8992	5	0	0
8996	9002	2	0	0
9009	9018	3	0	0
9024	9030	2	0	0
9033	9041	4	0	0
9043	9048	5	0	0
9062	9074	3	0	0
9081	9089	2	0	0
9096	9106	2	0	0
9226	9236	2	0	0
9241	9245	2	0	0
9248	9254	3	0	0
9256	9260	4	0	0
9269	9278	3	0	0
9283	9291	2	0	0
9295	9299	4	0	0
9302	9308	3	0	0
9315	9327	3	0	0
9333	9974	641	0	0
9976	9977	1	0	0
9980	9981	1	0	0
9983	9984	1	0	0
9986	9987	1	0	0
9989	9991	2	0	0
9992	10004	1	0	0
10006	10019	1	0	0
10021	10035	1	0	0
10038	10040	2	0	0
10041	10053	1	0	0
10055	10068	1	0	0
10070	10084	1	0	0
10087	10088	1	0	0
10090	10091	1	0	0
10093	10094	1	0	0
10096	10097	1	0	0
10100	10110	1	0	0
10112	10122	1	0	0
10124	10134	1	0	0
10136	10138	2	0	0
10139	10151	1	0	0
10153	10166	1	0	0
10168	10169	1	0	0
10171	10173	2	0	0
10179	10183	2	0	0
10187	10189	2	0	0
10193	10194	1	0	0
10209	10210	1	0	0
10212	10214	2	0	0
10218	10220	2	0	0
10224	10228	2	0	0
10229	10240	11	0	0
10241	10245	2	0	0
10249	10251	2	0	0
10255	10257	2	0	0
10261	10265	2	0	0
10266	10277	11	0	0
10278	10282	2	0	0
10286	10288	2	0	0
10292	10296	2	0	0
10297	10308	11	0	0
10309	10313	2	0	0
10317	10319	2	0	0
10323	10325	2	0	0
10329	10333	2	0	0
10334	10345	11	0	0
10346	10350	2	0	0
10354	10356	2	0	0
10360	10364	2	0	0
10365	10376	11	0	0
10377	10381	2	0	0
10385	10387	2	0	0
10391	10393	2	0	0
10397	10401	2	0	0
10402	10413	11	0	0
10414	10418	2	0	0
10422	10424	2	0	0
10428	10430	2	0	0
10434	10435	1	0	0
10450	10451	1	0	0
10453	10455	2	0	0
10459	10461	2	0	0
10464	10467	3	0	0
10468	10474	3	0	0
10475	10481	3	0	0
10482	10491	3	0	0
10492	10498	3	0	0
10499	10508	3	0	0
10509	10515	3	0	0
10516	10525	3	0	0
10526	10532	3	0	0
10533	10542	3	0	0
10543	10549	3	0	0
10550	10559	3	0	0
10560	10566	3	0	0
10567	10576	3	0	0
10577	10583	3	0	0
10584	10593	3	0	0
10594	10600	3	0	0

10601	10610	3	0	0
10611	10617	3	0	0
10618	10627	3	0	0
10628	0	0	0	0

TOTAL NUMBER OF NODE OUTPUT SETS	=	145
TOTAL NUMBER OF NODES OUTPUT	=	0
LARGEST NODE NUMBER INPUT	=	10628
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	=	2017
TOTAL NUMBER OF CONSTRAINTS	=	1260
TOTAL NUMBER OF NODES	=	3840
TOTAL NUMBER OF SUPPORT NODES	=	10
TOTAL NUMBER OF LOADING CASES	=	2
LOCATIONS USED DURING DATA PROCESSING	=	120059400
LOCATIONS AVAILABLE	=	150000000
TIME USED TO PROCESS INPUT DATA	=	0.38100 SEC.
TIME AT CENTRAL PROCESSOR	=	10:27:02 ON 22/06/23 (DAY/MTH/YR)
INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE	=	2017
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)

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
9	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
10	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
4	1947.30	0.000000E+00	1395.74	0.139574E-01	205.563	5.62499	0.000000E+00
12	816.220	0.000000E+00	0.901082E+11	901082.	203.957	5.62500	0.000000E+00
2	1003.11	0.000000E+00	21.9904	172625.	203.668	5.62500	-0.723478
3	85.0000	0.000000E+00	850.000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
8	0.235922E-14	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	3851.63	0.000000E+00	0.901082E+11	0.107371E+07	203.910	5.62500	-0.116317

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	
9	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	
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
4	0.611704	787.577	788.189	-16.1387	0.000000E+00	0.000000E+00	
12	0.395491E+08	0.497328E+11	0.497723E+11	-0.103377E+10	0.000000E+00	0.000000E+00	
2	0.635181E+07	0.960115E+10	0.960725E+10	-0.197765E+09	702508.	0.254177E+08	
3	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	
TOTALS FOR STRUCTURE	0.459009E+08	0.593339E+11	0.593796E+11	-0.123154E+10	702508.	0.254177E+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	
9	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	
11	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	
4	0.170086	197.791	197.961	0.294927E-04	0.000000E+00	0.000000E+00	
12	0.110383E+08	0.122493E+11	0.122603E+11	-0.298023E-05	0.000000E+00	0.000000E+00	
2	799488.	0.244046E+10	0.244119E+10	0.143051E-05	-0.116415E-09	-18471.0	
3	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	
TOTALS FOR STRUCTURE	0.119136E+08	0.146899E+11	0.147015E+11	0.281334E-04	0.256114E-07	-48716.5	

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



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)
4	197.961	197.791	0.170086	( 0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00, -0.00, 0.00)
12	0.122603E+11	0.122493E+11	0.110383E+08	( 0.00, 0.00, 1.00)	(-0.00, 1.00, 0.00)	( 1.00, 0.00, 0.00)
2	0.244119E+10	0.244046E+10	799488.	(-0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00, -0.00, 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)
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)
TOTALS FOR STRUCTURE	0.147015E+11	0.146899E+11	0.119136E+08	(-0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00, -0.00, 0.00)

FORCE OUTPUT GROUP	Fx N	Fy N	Fz N	Mx N .M	My N .M	Mz N .M
LOAD CASE 2						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.118108E+08	-0.664356E+08	0.240834E+10	0.000000E+00
LOAD CASE 8						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-0.341350E+08	-0.192010E+09	0.703295E+10	0.000000E+00

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2243

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.500000E-02 SEC.  
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 112110

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 3790072  
LOCATIONS AVAILABLE = 150000000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 10248  
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 10248  
TOTAL NO. OF EQUATIONS = 11508  
TOTAL NO. OF ACTIVE NODES = 1708

NUMBER OF ELEMENT GROUPS = 2  
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1902

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 496129  
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 1040546  
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0  
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 461314  
TOTAL SIZE OF ELEMENT DATA RECORDS = 527214  
TOTAL SIZE OF ELEMENT RESULT RECORDS = 1062211  
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0  
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 68528  
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 202687

TIME FOR PRE-SOLUTION PROCESS = 0.250000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:27:02 ON 22/06/23 (DAY/MTH/YR)

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

=====

Solving symmetric indefinite matrix  
Minimum degree equation re-ordering algorithm used  
Number of nonzeros in L and U = 198069  
Number of iterative refinement steps = 4  
Number of positive eigenvalues = 10188  
Number of negative eigenvalues = 1260  
Peak memory used during analysis and symbolic factorisation (MB) = 7.47  
Total peak memory used during solve (MB) = 10.21  
In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.18037E-25  
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.19090E-25

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

LOCATIONS USED DURING POST-SOLUTION PROCESS = 3880289  
LOCATIONS AVAILABLE = 150000000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 2017  
ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.26500 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.67200 SEC.

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

TIME AT CENTRAL PROCESSOR = 10:27:02 ON 22/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit Name	Disk Page Size (Bytes)	Calls to I/O Routines	Buffered Transfers	Disk Accesses	Page Table Swaps	Peak File Size (Mbytes)
PROBLEM	16384	2656	4301	411	0	5.687500
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	6	601	222	0	3.484375
PLOT	16384	4057	4485	194	0	6.828125
RESTART	0	0	0	0	0	0.0000000E+00

\*\*\*LUSAS RUN SUCCESSFULLY COMPLETED\*\*\*



TIME AT CENTRAL PROCESSOR = 10:27:04 ON 22/06/23 (DAY/MTH/YR)

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

VBNAM            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

VBNAM            VALUE  
IDTIME           1  
NIDX            100000  
NLPZ            150000000

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  
LLLLLLLLL    UU    UU    SS    SS    AA    AA    SS    SS  
LLLLLLLLL    UUUUUU    SSSSSS    AA    AA    SSSSSS

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

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

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

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

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

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

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

D:\SynologyDrive\01\_lavoro\48\_037\_09\_23\_632\_418\_Due\_Viadotti\_Trevalli\_Esec\_Sintagma\_LF\03\_calcoli\VI02\_molino\_vecchio\LUSASFiles  
32\Molino\_Vecchio\_rev18\_g\Molino\_Vecchio\_rev18\_g~02\_Fase2a.dat

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

Memory request for 1478Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:27:05 ON 22/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

- O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
- O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
- O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
- O P T I O N(S) 123 CLOCKWISE NODE NUMBERING
- O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
- O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
- O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
- O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
- O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
- O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
- O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT  
 O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY  
 O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES  
 O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS  
 O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)  
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3  
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER  
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
JSH4	ELEMENTS			
1	1	2	604	605
2	4	3	2678	2679
3	6	5	612	613
4	8	7	620	621
5	10	9	2903	2904
6	12	11	944	945
7	13	14	952	953
8	16	15	2911	2912
9	18	17	960	961
10	19	20	1284	1285
11	21	22	2919	2920
12	24	23	1292	1293
13	25	26	1300	1301
14	27	28	3743	3744
15	29	30	1624	1625
16	31	32	1632	1633
17	34	33	3745	3746
18	36	35	1640	1641
19	37	38	1964	1965
20	39	40	3747	3748
21	42	41	1972	1973
22	43	44	1980	1981
23	46	45	3749	3750
24	47	48	2304	2305
25	50	49	2312	2313
26	51	52	3751	3752
27	54	53	2320	2321
28	56	55	2662	2663
29	57	58	3753	3754
30	59	60	2670	2671
1933	2992	68	3162	3163
1934	2994	90	3164	3165
1935	2996	115	3166	3167
1936	2998	137	3168	3169
1937	3000	162	3170	3171
1938	3002	194	3172	3173
1939	3004	238	3174	3175
1940	3006	277	3176	3177
1941	3008	311	3178	3179
1942	3010	348	3180	3181
1943	3012	380	3182	3183
1944	3014	417	3184	3185
1945	3016	451	3186	3187
1946	3018	484	3188	3189
1947	3020	521	3190	3191
1948	3022	554	3192	3193
1949	3024	591	3194	3195
1950	3026	629	3196	3197
1951	3028	661	3198	3199
1952	3030	698	3200	3201
1953	3032	731	3202	3203
1954	3034	768	3204	3205
1955	3036	801	3206	3207
1956	3038	833	3208	3209
1957	3040	870	3210	3211
1958	3042	902	3212	3213
1959	3044	939	3214	3215
1960	3046	978	3216	3217
1961	3048	1011	3218	3219
1962	3050	1048	3220	3221
1963	3052	1080	3222	3223
1964	3054	1119	3224	3225
1965	3056	1151	3226	3227
1966	3058	1182	3228	3229
1967	3060	1220	3230	3231
1968	3062	1252	3232	3233
1969	3064	1291	3234	3235
1970	3066	1327	3236	3237
1971	3068	1361	3238	3239
1972	3070	1396	3240	3241
1973	3072	1430	3242	3243
1974	3074	1465	3244	3245
1975	3076	1497	3246	3247
1976	3078	1531	3248	3249
1977	3080	1566	3250	3251
1978	3082	1600	3252	3253
1979	3084	1639	3254	3255
1980	3086	1675	3256	3257
1981	3088	1707	3258	3259

1982	3090	1745	3260	3261
1983	3092	1776	3262	3263
1984	3094	1815	3264	3265
1985	3096	1847	3266	3267
1986	3098	1879	3268	3269
1987	3100	1916	3270	3271
1988	3102	1949	3272	3273
1989	3104	1992	3274	3275
1990	3106	2025	3276	3277
1991	3108	2057	3278	3279
1992	3110	2094	3280	3281
1993	3112	2126	3282	3283
1994	3114	2163	3284	3285
1995	3116	2196	3286	3287
1996	3118	2229	3288	3289
1997	3120	2266	3290	3291
1998	3122	2298	3292	3293
1999	3124	2343	3294	3295
2000	3126	2373	3296	3297
2001	3128	2406	3298	3299
2002	3130	2447	3300	3301
2003	3132	2480	3302	3303
2004	3134	2518	3304	3305
2005	3136	2550	3306	3307
2006	3138	2584	3308	3309
2007	3140	2619	3310	3311
2008	3142	2651	3312	3313
2009	3144	2704	3314	3315
2010	3146	2738	3316	3317
2011	3148	2770	3318	3319
2012	3150	2807	3320	3321
2013	3152	2839	3322	3323
2014	3154	2876	3324	3325
2015	3156	2910	3326	3327
2016	3158	2949	3328	3329
2017	3160	2971	3330	3331

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

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

BMI21	ELEMENTS		
31	10169	10171	61
32	10171	10173	62
33	10173	10461	63
34	10461	10179	64
35	10179	10181	65
36	10181	10183	66
37	10173	10194	67
38	10461	68	69
39	10179	10210	70
40	10187	10189	71
41	10189	10194	72
42	10193	73	74
43	10194	68	75
44	73	10209	76
45	68	10210	77
46	10210	10212	78
47	10212	10214	79
48	10194	10218	80
49	68	10464	81
50	10210	10220	82
51	9974	8152	83
52	8152	10218	84
53	10218	10464	85
54	10464	10220	86
55	10220	8697	87
56	8697	9976	88
57	10218	10229	89
58	10464	90	91
59	10220	10241	92
60	10224	10226	93
61	10226	10229	94
62	10228	95	96
63	10229	90	97
64	95	10240	98
65	90	10241	99
66	10241	10243	100
67	10243	10245	101
68	10229	10249	102
69	90	10467	103
70	10241	10251	104
71	10249	10255	105
72	10467	10468	106
73	10251	10257	107
74	9977	8154	108
75	8154	10255	109
76	10255	10468	110
77	10468	10257	111
78	10257	8750	112
79	8750	9980	113
80	10255	10266	114
81	10468	115	116
82	10257	10278	117
83	10261	10263	118
84	10263	10266	119
85	10265	120	121
86	10266	115	122
87	120	10277	123
88	115	10278	124
89	10278	10280	125

90	10280	10282	126
91	10266	10286	127
92	115	10471	128
93	10278	10288	129
94	9981	8155	130
95	8155	10286	131
96	10286	10471	132
97	10471	10288	133
98	10288	8776	134
99	8776	9983	135
100	10286	10297	136
101	10471	137	138
102	10288	10309	139
103	10292	10294	140
104	10294	10297	141
105	10296	142	143
106	10297	137	144
107	142	10308	145
108	137	10309	146
109	10309	10311	147
110	10311	10313	148
111	10297	10317	149
112	137	10474	150
113	10309	10319	151
114	9984	8156	152
115	8156	10317	153
116	10317	10474	154
117	10474	10319	155
118	10319	8779	156
119	8779	9986	157
120	10317	10323	158
121	10474	10475	159
122	10319	10325	160
123	10323	10334	161
124	10475	162	163
125	10325	10346	164
126	10329	10331	165
127	10331	10334	166
128	10333	167	168
129	10334	162	169
130	167	10345	170
131	162	10346	172
132	10346	10348	173
133	10348	10350	176
134	10334	10354	177
135	162	10478	179
136	10346	10356	180
137	9987	8157	182
138	8157	10354	183
139	10354	10478	186
140	10478	10356	187
141	10356	8794	189
142	8794	9989	190
143	10354	10365	193
144	10478	194	196
145	10356	10377	197
146	10360	10362	199
147	10362	10365	200
148	10364	203	204
149	10365	194	206
150	203	10376	207
151	194	10377	210
152	10377	10379	211
153	10379	10381	213
154	10365	10385	214
155	194	10481	216
156	10377	10387	217
157	9991	8158	220
158	8158	10385	221
159	10385	10481	223
160	10481	10387	224
161	10387	8804	227
162	8804	9992	228
163	10385	10391	230
164	10481	10482	231
165	10387	10393	233
166	10391	10402	234
167	10482	238	239
168	10393	10414	241
169	10397	10399	242
170	10399	10402	245
171	10401	246	248
172	10402	238	249
173	246	10413	251
174	238	10414	252
175	10414	10416	255
176	10416	10418	256
177	10402	10422	258
178	238	10485	259
179	10414	10424	264
180	9993	8159	265
181	8159	10422	267
182	10422	10485	268
183	10485	10424	270
184	10424	8827	271
185	8827	9994	274
186	10422	10435	275
187	10485	277	278
188	10424	10451	281
189	10428	10430	282
190	10430	10435	284
191	10434	287	288
192	10435	277	290
193	287	10450	291
194	277	10451	294

195	10451	10453	295
196	10453	10455	296
197	10435	10459	298
198	277	10488	300
199	10451	293	303
200	9995	8161	304
201	8161	10459	305
202	10459	10488	306
203	10488	293	307
204	293	8830	308
205	8830	9996	309
206	10459	302	310
207	10488	311	312
208	293	314	315
209	297	299	317
210	299	302	319
211	301	320	321
212	302	311	323
213	320	313	325
214	311	314	326
215	314	316	327
216	316	318	329
217	302	322	331
218	311	10491	332
219	314	324	333
220	322	328	335
221	10491	10492	337
222	324	330	340
223	9997	8162	341
224	8162	328	342
225	328	10492	343
226	10492	330	344
227	330	8833	345
228	8833	9998	346
229	328	339	347
230	10492	348	349
231	330	351	352
232	334	336	354
233	336	339	356
234	338	357	358
235	339	348	360
236	357	350	362
237	348	351	363
238	351	353	364
239	353	355	366
240	339	359	368
241	348	10495	371
242	351	361	372
243	9999	8163	373
244	8163	359	374
245	359	10495	375
246	10495	361	376
247	361	8985	377
248	8985	10000	378
249	359	370	379
250	10495	380	383
251	361	382	385
252	365	367	387
253	367	370	388
254	369	389	391
255	370	380	393
256	389	381	394
257	380	382	395
258	382	384	397
259	384	386	399
260	370	390	400
261	380	10498	401
262	382	392	403
263	10001	8164	405
264	8164	390	408
265	390	10498	409
266	10498	392	410
267	392	8987	411
268	8987	10002	412
269	390	396	413
270	10498	10499	414
271	392	398	415
272	396	407	416
273	10499	417	420
274	398	419	422
275	402	404	424
276	404	407	425
277	406	426	428
278	407	417	430
279	426	418	431
280	417	419	432
281	419	421	434
282	421	423	436
283	407	427	439
284	417	10502	440
285	419	429	441
286	10003	8166	442
287	8166	427	443
288	427	10502	444
289	10502	429	445
290	429	8996	446
291	8996	10004	447
292	427	438	448
293	10502	451	453
294	429	450	455
295	433	435	456
296	435	438	457
297	437	459	461
298	438	451	462
299	459	449	463

300	451	450	465
301	450	452	467
302	452	454	470
303	438	458	471
304	451	10505	472
305	450	460	473
306	10006	8167	474
307	8167	458	475
308	458	10505	476
309	10505	460	477
310	460	8998	478
311	8998	10007	479
312	458	469	482
313	10505	484	486
314	460	481	487
315	464	466	488
316	466	469	490
317	468	492	493
318	469	484	494
319	492	480	496
320	484	481	498
321	481	483	499
322	483	485	500
323	469	489	502
324	484	10508	504
325	481	491	507
326	489	495	508
327	10508	10509	509
328	491	497	510
329	10008	8168	511
330	8168	495	512
331	495	10509	513
332	10509	497	514
333	497	9000	515
334	9000	10009	516
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1699	2689	2700	2769
1700	269	2770	2771
1701	2691	2712	2772
1702	2695	2697	2773
1703	2697	2700	2774
1704	2699	2775	2776
1705	2700	2770	2777
1706	2775	2711	2778
1707	2770	2712	2781
1708	2712	2714	2783
1709	2714	2716	2785
1710	2700	2720	2786
1711	2770	272	2787
1712	2712	2722	2789
1713	2720	2726	2791
1714	272	273	2792
1715	2722	2728	2793
1716	10156	8549	2795
1717	8549	2726	2797
1718	2726	273	2798
1719	273	2728	2799
1720	2728	9028	2801
1721	9028	10157	2803
1722	2726	2737	2806
1723	273	2807	2808
1724	2728	2749	2809
1725	2732	2734	2810
1726	2734	2737	2811
1727	2736	2812	2813
1728	2737	2807	2814
1729	2812	2748	2815
1730	2807	2749	2818
1731	2749	2751	2820
1732	2751	2753	2822
1733	2737	2757	2823
1734	2807	276	2824
1735	2749	2759	2826
1736	10158	8550	2828
1737	8550	2757	2829
1738	2757	276	2830
1739	276	2759	2832
1740	2759	9030	2834
1741	9030	10159	2837
1742	2757	2768	2838
1743	276	2839	2840
1744	2759	2780	2841
1745	2763	2765	2842
1746	2765	2768	2843
1747	2767	2844	2845
1748	2768	2839	2846
1749	2844	2779	2849
1750	2839	2780	2851
1751	2780	2782	2853
1752	2782	2784	2854
1753	2768	2788	2855
1754	2839	279	2857
1755	2780	2790	2859
1756	2788	2794	2860
1757	279	280	2861
1758	2790	2796	2863
1759	10160	8553	2865
1760	8553	2794	2866
1761	2794	280	2867
1762	280	2796	2869
1763	2796	9037	2871
1764	9037	10161	2874
1765	2794	2805	2875
1766	280	2876	2877
1767	2796	2817	2878
1768	2800	2802	2879
1769	2802	2805	2880

1770	2804	2881	2882
1771	2805	2876	2883
1772	2881	2816	2886
1773	2876	2817	2888
1774	2817	2819	2890
1775	2819	2821	2891
1776	2805	2825	2892
1777	2876	283	2894
1778	2817	2827	2896
1779	10162	8554	2897
1780	8554	2825	2898
1781	2825	283	2900
1782	283	2827	2902
1783	2827	9043	2907
1784	9043	10163	2908
1785	2825	2836	2909
1786	283	2910	2913
1787	2827	2848	2914
1788	2831	2833	2915
1789	2833	2836	2916
1790	2835	2917	2918
1791	2836	2910	2923
1792	2917	2847	2925
1793	2910	2848	2927
1794	2848	2850	2928
1795	2850	2852	2929
1796	2836	2856	2931
1797	2910	285	2933
1798	2848	2858	2935
1799	2856	2862	2936
1800	285	286	2937
1801	2858	2864	2938
1802	10164	8557	2939
1803	8557	2862	2941
1804	2862	286	2943
1805	286	2864	2945
1806	2864	9048	2946
1807	9048	10165	2947
1808	2862	2873	2948
1809	286	2949	2950
1810	2864	2885	2951
1811	2868	2870	2952
1812	2870	2873	2953
1813	2872	2954	2955
1814	2873	2949	2956
1815	2954	2884	2957
1816	2949	2885	2958
1817	2885	2887	2959
1818	2887	2889	2960
1819	2873	2893	2961
1820	2949	289	2962
1821	2885	2895	2963
1822	10166	8558	2964
1823	8558	2893	2965
1824	2893	289	2966
1825	289	2895	2967
1826	2895	9226	2968
1827	9226	10168	2969
1828	2893	2906	2970
1829	289	2971	2972
1830	2895	2922	2973
1831	2899	2901	2974
1832	2901	2906	2975
1833	2905	2976	2977
1834	2906	2971	2978
1835	2976	2921	2979
1836	2971	2922	2980
1837	2922	2924	2981
1838	2924	2926	2982
1839	2906	2934	2983
1840	2971	292	2984
1841	2922	2940	2985
1842	2930	2932	2986
1843	2932	2934	2987
1844	2934	292	2988
1845	292	2940	2989
1846	2940	2942	2990
1847	2942	2944	2991
1848	73	2992	2993
1849	95	2994	2995
1850	120	2996	2997
1851	142	2998	2999
1852	167	3000	3001
1853	203	3002	3003
1854	246	3004	3005
1855	287	3006	3007
1856	320	3008	3009
1857	357	3010	3011
1858	389	3012	3013
1859	426	3014	3015
1860	459	3016	3017
1861	492	3018	3019
1862	529	3020	3021
1863	561	3022	3023
1864	598	3024	3025
1865	636	3026	3027
1866	669	3028	3029
1867	706	3030	3031
1868	739	3032	3033
1869	776	3034	3035
1870	810	3036	3037
1871	840	3038	3039
1872	879	3040	3041
1873	910	3042	3043
1874	950	3044	3045

1875	986	3046	3047
1876	1020	3048	3049
1877	1055	3050	3051
1878	1089	3052	3053
1879	1124	3054	3055
1880	1156	3056	3057
1881	1190	3058	3059
1882	1225	3060	3061
1883	1259	3062	3063
1884	1298	3064	3065
1885	1332	3066	3067
1886	1366	3068	3069
1887	1403	3070	3071
1888	1435	3072	3073
1889	1473	3074	3075
1890	1506	3076	3077
1891	1536	3078	3079
1892	1575	3080	3081
1893	1607	3082	3083
1894	1650	3084	3085
1895	1683	3086	3087
1896	1716	3088	3089
1897	1753	3090	3091
1898	1785	3092	3093
1899	1822	3094	3095
1900	1854	3096	3097
1901	1887	3098	3099
1902	1924	3100	3101
1903	1957	3102	3103
1904	2000	3104	3105
1905	2032	3106	3107
1906	2064	3108	3109
1907	2101	3110	3111
1908	2134	3112	3113
1909	2172	3114	3115
1910	2204	3116	3117
1911	2238	3118	3119
1912	2275	3120	3121
1913	2309	3122	3123
1914	2348	3124	3125
1915	2381	3126	3127
1916	2414	3128	3129
1917	2456	3130	3131
1918	2488	3132	3133
1919	2523	3134	3135
1920	2557	3136	3137
1921	2589	3138	3139
1922	2626	3140	3141
1923	2659	3142	3143
1924	2709	3144	3145
1925	2743	3146	3147
1926	2775	3148	3149
1927	2812	3150	3151
1928	2844	3152	3153
1929	2881	3154	3155
1930	2917	3156	3157
1931	2954	3158	3159
1932	2976	3160	3161

TOTAL NUMBER OF ELEMENTS = 2017  
LARGEST ELEMENT NUMBER = 2017  
LARGEST NODE NUMBER = 10628

DEFAULT SOLVER CHOSEN

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

NODE NO.	COORDINATE IN X-DIRECTION	COORDINATE IN Y-DIRECTION	COORDINATE IN Z-DIRECTION
	M	M	M
1	0.500000	2.12500	-2.50000
2	0.500000	2.12500	-2.50000
3	0.500000	5.62500	-2.50000
4	0.500000	5.62500	-2.50000
5	0.500000	9.12500	-2.50000
6	0.500000	9.12500	-2.50000
7	33.5470	2.12500	-2.50000
8	33.5470	2.12500	-2.50000
9	33.5470	5.62500	-2.50000
10	33.5470	5.62500	-2.50000
11	33.5470	9.12500	-2.50000
12	33.5470	9.12500	-2.50000
13	82.0570	2.12500	-2.50000
14	82.0570	2.12500	-2.50000
15	82.0570	5.62500	-2.50000
16	82.0570	5.62500	-2.50000
17	82.0570	9.12500	-2.50000
18	82.0570	9.12500	-2.50000
19	130.587	2.12500	-2.50000
20	130.587	2.12500	-2.50000
21	130.587	5.62500	-2.50000
22	130.587	5.62500	-2.50000
23	130.587	9.12500	-2.50000
24	130.587	9.12500	-2.50000
25	179.137	2.12500	-2.50000
26	179.137	2.12500	-2.50000
27	179.137	5.62500	-2.50000
28	179.137	5.62500	-2.50000

29	179.137	9.12500	-2.50000
30	179.137	9.12500	-2.50000
31	227.707	2.12500	-2.50000
32	227.707	2.12500	-2.50000
33	227.707	5.62500	-2.50000
34	227.707	5.62500	-2.50000
35	227.707	9.12500	-2.50000
36	227.707	9.12500	-2.50000
37	276.287	2.12500	-2.50000
38	276.287	2.12500	-2.50000
39	276.287	5.62500	-2.50000
40	276.287	5.62500	-2.50000
41	276.287	9.12500	-2.50000
42	276.287	9.12500	-2.50000
43	324.877	2.12500	-2.50000
44	324.877	2.12500	-2.50000
45	324.877	5.62500	-2.50000
46	324.877	5.62500	-2.50000
47	324.877	9.12500	-2.50000
48	324.877	9.12500	-2.50000
49	373.578	2.12500	-2.50000
50	373.578	2.12500	-2.50000
51	373.578	5.62500	-2.50000
52	373.578	5.62500	-2.50000
53	373.578	9.12500	-2.50000
54	373.578	9.12500	-2.50000
55	407.610	2.12500	-2.50000
56	407.610	2.12500	-2.50000
57	407.610	5.62500	-2.50000
58	407.610	5.62500	-2.50000
59	407.610	9.12500	-2.50000
60	407.610	9.12500	-2.50000
61	-1.00000	0.000000E+00	0.000000E+00
62	-1.00000	0.750000	0.000000E+00
63	-1.16667	2.12500	0.000000E+00
64	-1.16667	5.62500	0.000000E+00
65	-1.00000	9.12500	0.000000E+00
66	-1.00000	10.5000	0.000000E+00
67	0.000000E+00	3.12500	0.000000E+00
68	0.500000	5.62500	0.000000E+00
69	0.000000E+00	6.62500	0.000000E+00
70	0.000000E+00	10.1250	0.000000E+00
71	-0.500000	0.000000E+00	0.000000E+00
72	-0.500000	0.750000	0.000000E+00
73	0.500000	5.62500	-1.00000
74	-0.666667	2.12500	-1.00000
75	-0.666667	2.12500	0.000000E+00
76	-0.666667	5.62500	-1.00000
77	-0.666667	5.62500	0.000000E+00
78	-0.500000	9.12500	0.000000E+00
79	-0.500000	10.5000	0.000000E+00
80	0.500000	3.12500	0.000000E+00
81	0.500000	6.62500	0.000000E+00
82	0.500000	10.1250	0.000000E+00
83	1.86050	0.000000E+00	0.000000E+00
84	1.86050	0.750000	0.000000E+00
85	1.69383	2.12500	0.000000E+00
86	1.69383	5.62500	0.000000E+00
87	1.86050	9.12500	0.000000E+00
88	1.86050	10.5000	0.000000E+00
89	2.86050	3.12500	0.000000E+00
90	5.22100	5.62500	0.000000E+00
91	2.86050	6.62500	0.000000E+00
92	2.86050	10.1250	0.000000E+00
93	4.22100	0.000000E+00	0.000000E+00
94	4.22100	0.750000	0.000000E+00
95	5.22100	5.62500	-1.00000
96	4.05433	2.12500	-1.00000
97	4.05433	2.12500	0.000000E+00
98	4.05433	5.62500	-1.00000
99	4.05433	5.62500	0.000000E+00
100	4.22100	9.12500	0.000000E+00
101	4.22100	10.5000	0.000000E+00
102	5.22100	3.12500	0.000000E+00
103	5.22100	6.62500	0.000000E+00
104	5.22100	10.1250	0.000000E+00
105	7.54900	3.12500	0.000000E+00
106	7.54900	6.62500	0.000000E+00
107	7.54900	10.1250	0.000000E+00
108	6.58150	0.000000E+00	0.000000E+00
109	6.58150	0.750000	0.000000E+00
110	6.41483	2.12500	0.000000E+00
111	6.41483	5.62500	0.000000E+00
112	6.58150	9.12500	0.000000E+00
113	6.58150	10.5000	0.000000E+00
114	7.58150	3.12500	0.000000E+00
115	9.94200	5.62500	0.000000E+00
116	7.58150	6.62500	0.000000E+00
117	7.58150	10.1250	0.000000E+00
118	8.94200	0.000000E+00	0.000000E+00
119	8.94200	0.750000	0.000000E+00
120	9.94200	5.62500	-1.00000
121	8.77533	2.12500	-1.00000
122	8.77533	2.12500	0.000000E+00
123	8.77533	5.62500	-1.00000
124	8.77533	5.62500	0.000000E+00
125	8.94200	9.12500	0.000000E+00
126	8.94200	10.5000	0.000000E+00
127	9.94200	3.12500	0.000000E+00
128	9.94200	6.62500	0.000000E+00
129	9.94200	10.1250	0.000000E+00
130	11.3025	0.000000E+00	0.000000E+00
131	11.3025	0.750000	0.000000E+00
132	11.1358	2.12500	0.000000E+00
133	11.1358	5.62500	0.000000E+00



134	11.3025	9.12500	0.000000E+00
135	11.3025	10.5000	0.000000E+00
136	12.3025	3.12500	0.000000E+00
137	14.6630	5.62500	0.000000E+00
138	12.3025	6.62500	0.000000E+00
139	12.3025	10.1250	0.000000E+00
140	13.6630	0.000000E+00	0.000000E+00
141	13.6630	0.750000	0.000000E+00
142	14.6630	5.62500	-1.00000
143	13.4963	2.12500	-1.00000
144	13.4963	2.12500	0.000000E+00
145	13.4963	5.62500	-1.00000
146	13.4963	5.62500	0.000000E+00
147	13.6630	9.12500	0.000000E+00
148	13.6630	10.5000	0.000000E+00
149	14.6630	3.12500	0.000000E+00
150	14.6630	6.62500	0.000000E+00
151	14.6630	10.1250	0.000000E+00
152	16.0235	0.000000E+00	0.000000E+00
153	16.0235	0.750000	0.000000E+00
154	15.8568	2.12500	0.000000E+00
155	15.8568	5.62500	0.000000E+00
156	16.0235	9.12500	0.000000E+00
157	16.0235	10.5000	0.000000E+00
158	17.0235	3.12500	0.000000E+00
159	17.0235	6.62500	0.000000E+00
160	17.0235	10.1250	0.000000E+00
161	17.5480	3.12500	0.000000E+00
162	19.3840	5.62500	0.000000E+00
163	17.5480	6.62500	0.000000E+00
164	17.5480	10.1250	0.000000E+00
165	18.3840	0.000000E+00	0.000000E+00
166	18.3840	0.750000	0.000000E+00
167	19.3840	5.62500	-1.00000
168	18.2173	2.12500	-1.00000
169	18.2173	2.12500	0.000000E+00
170	18.2173	5.62500	-1.00000
171	239.852	5.62500	0.000000E+00
172	18.2173	5.62500	0.000000E+00
173	18.3840	9.12500	0.000000E+00
174	244.710	5.62500	0.000000E+00
175	245.987	5.62500	0.000000E+00
176	18.3840	10.5000	0.000000E+00
177	19.3840	3.12500	0.000000E+00
178	249.568	5.62500	0.000000E+00
179	19.3840	6.62500	0.000000E+00
180	19.3840	10.1250	0.000000E+00
181	254.426	5.62500	0.000000E+00
182	20.7445	0.000000E+00	0.000000E+00
183	20.7445	0.750000	0.000000E+00
184	258.007	5.62500	0.000000E+00
185	259.284	5.62500	0.000000E+00
186	20.5778	2.12500	0.000000E+00
187	20.5778	5.62500	0.000000E+00
188	264.142	5.62500	0.000000E+00
189	20.7445	9.12500	0.000000E+00
190	20.7445	10.5000	0.000000E+00
191	269.000	5.62500	0.000000E+00
192	270.278	5.62500	0.000000E+00
193	21.7445	3.12500	0.000000E+00
194	24.1050	5.62500	0.000000E+00
195	273.858	5.62500	0.000000E+00
196	21.7445	6.62500	0.000000E+00
197	21.7445	10.1250	0.000000E+00
198	278.717	5.62500	0.000000E+00
199	23.1050	0.000000E+00	0.000000E+00
200	23.1050	0.750000	0.000000E+00
201	282.298	5.62500	0.000000E+00
202	283.575	5.62500	0.000000E+00
203	24.1050	5.62500	-1.00000
204	22.9383	2.12500	-1.00000
205	288.434	5.62500	0.000000E+00
206	22.9383	2.12500	0.000000E+00
207	22.9383	5.62500	-1.00000
208	293.293	5.62500	0.000000E+00
209	294.571	5.62500	0.000000E+00
210	22.9383	5.62500	0.000000E+00
211	23.1050	9.12500	0.000000E+00
212	298.152	5.62500	0.000000E+00
213	23.1050	10.5000	0.000000E+00
214	24.1050	3.12500	0.000000E+00
215	303.012	5.62500	0.000000E+00
216	24.1050	6.62500	0.000000E+00
217	24.1050	10.1250	0.000000E+00
218	306.593	5.62500	0.000000E+00
219	307.870	5.62500	0.000000E+00
220	25.4655	0.000000E+00	0.000000E+00
221	25.4655	0.750000	0.000000E+00
222	312.730	5.62500	0.000000E+00
223	25.2988	2.12500	0.000000E+00
224	25.2988	5.62500	0.000000E+00
225	317.588	5.62500	0.000000E+00
226	318.866	5.62500	0.000000E+00
227	25.4655	9.12500	0.000000E+00
228	25.4655	10.5000	0.000000E+00
229	322.447	5.62500	0.000000E+00
230	26.4655	3.12500	0.000000E+00
231	26.4655	6.62500	0.000000E+00
232	327.306	5.62500	0.000000E+00
233	26.4655	10.1250	0.000000E+00
234	27.5470	3.12500	0.000000E+00
235	330.890	5.62500	0.000000E+00
236	332.165	5.62500	0.000000E+00
237	332.182	5.62500	0.000000E+00
238	28.8260	5.62500	0.000000E+00

239	27.5470	6.62500	0.000000E+00
240	337.024	5.62500	0.000000E+00
241	27.5470	10.1250	0.000000E+00
242	27.8260	0.000000E+00	0.000000E+00
243	341.883	5.62500	0.000000E+00
244	343.163	5.62500	0.000000E+00
245	27.8260	0.750000	0.000000E+00
246	28.8260	5.62500	-1.00000
247	346.743	5.62500	0.000000E+00
248	27.6593	2.12500	-1.00000
249	27.6593	2.12500	0.000000E+00
250	351.601	5.62500	0.000000E+00
251	27.6593	5.62500	-1.00000
252	27.6593	5.62500	0.000000E+00
253	355.186	5.62500	0.000000E+00
254	356.460	5.62500	0.000000E+00
255	27.8260	9.12500	0.000000E+00
256	27.8260	10.5000	0.000000E+00
257	361.320	5.62500	0.000000E+00
258	28.8260	3.12500	0.000000E+00
259	28.8260	6.62500	0.000000E+00
260	365.704	5.62500	0.000000E+00
261	366.236	5.62500	0.000000E+00
262	366.273	5.62500	0.000000E+00
263	367.574	5.62500	0.000000E+00
264	28.8260	10.1250	0.000000E+00
265	30.1865	0.000000E+00	0.000000E+00
266	371.150	5.62500	0.000000E+00
267	30.1865	0.750000	0.000000E+00
268	30.0198	2.12500	0.000000E+00
269	376.009	5.62500	0.000000E+00
270	30.0198	5.62500	0.000000E+00
271	30.1865	9.12500	0.000000E+00
272	379.584	5.62500	0.000000E+00
273	380.871	5.62500	0.000000E+00
274	30.1865	10.5000	0.000000E+00
275	31.1865	3.12500	0.000000E+00
276	385.732	5.62500	0.000000E+00
277	33.5470	5.62500	0.000000E+00
278	31.1865	6.62500	0.000000E+00
279	389.593	5.62500	0.000000E+00
280	390.594	5.62500	0.000000E+00
281	31.1865	10.1250	0.000000E+00
282	32.5470	0.000000E+00	0.000000E+00
283	395.456	5.62500	0.000000E+00
284	32.5470	0.750000	0.000000E+00
285	399.602	5.62500	0.000000E+00
286	400.317	5.62500	0.000000E+00
287	33.5470	5.62500	-1.00000
288	32.3803	2.12500	-1.00000
289	405.179	5.62500	0.000000E+00
290	32.3803	2.12500	0.000000E+00
291	32.3803	5.62500	-1.00000
292	408.110	5.62500	0.000000E+00
293	35.9725	9.12500	0.000000E+00
294	32.3803	5.62500	0.000000E+00
295	32.5470	9.12500	0.000000E+00
296	32.5470	10.5000	0.000000E+00
297	38.3980	0.000000E+00	0.000000E+00
298	33.5470	3.12500	0.000000E+00
299	38.3980	0.750000	0.000000E+00
300	33.5470	6.62500	0.000000E+00
301	38.3980	2.12500	-1.00000
302	38.3980	2.12500	0.000000E+00
303	33.5470	10.1250	0.000000E+00
304	34.9725	0.000000E+00	0.000000E+00
305	34.9725	0.750000	0.000000E+00
306	34.8058	2.12500	0.000000E+00
307	34.8058	5.62500	0.000000E+00
308	34.9725	9.12500	0.000000E+00
309	34.9725	10.5000	0.000000E+00
310	35.9725	3.12500	0.000000E+00
311	38.3980	5.62500	0.000000E+00
312	35.9725	6.62500	0.000000E+00
313	38.3980	9.12500	-1.00000
314	38.3980	9.12500	0.000000E+00
315	35.9725	10.1250	0.000000E+00
316	38.3980	10.5000	0.000000E+00
317	37.3980	0.000000E+00	0.000000E+00
318	38.3980	11.2500	0.000000E+00
319	37.3980	0.750000	0.000000E+00
320	38.3980	5.62500	-1.00000
321	37.2313	2.12500	-1.00000
322	39.5490	2.12500	0.000000E+00
323	37.2313	2.12500	0.000000E+00
324	39.5490	9.12500	0.000000E+00
325	37.2313	5.62500	-1.00000
326	37.2313	5.62500	0.000000E+00
327	37.3980	9.12500	0.000000E+00
328	40.8235	2.12500	0.000000E+00
329	37.3980	10.5000	0.000000E+00
330	40.8235	9.12500	0.000000E+00
331	38.3980	3.12500	0.000000E+00
332	38.3980	6.62500	0.000000E+00
333	38.3980	10.1250	0.000000E+00
334	43.2490	0.000000E+00	0.000000E+00
335	39.5490	3.12500	0.000000E+00
336	43.2490	0.750000	0.000000E+00
337	39.5490	6.62500	0.000000E+00
338	43.2490	2.12500	-1.00000
339	43.2490	2.12500	0.000000E+00
340	39.5490	10.1250	0.000000E+00
341	39.8235	0.000000E+00	0.000000E+00
342	39.8235	0.750000	0.000000E+00
343	39.6568	2.12500	0.000000E+00

344	39.6568	5.62500	0.000000E+00
345	39.8235	9.12500	0.000000E+00
346	39.8235	10.5000	0.000000E+00
347	40.8235	3.12500	0.000000E+00
348	43.2490	5.62500	0.000000E+00
349	40.8235	6.62500	0.000000E+00
350	43.2490	9.12500	-1.00000
351	43.2490	9.12500	0.000000E+00
352	40.8235	10.1250	0.000000E+00
353	43.2490	10.5000	0.000000E+00
354	42.2490	0.000000E+00	0.000000E+00
355	43.2490	11.2500	0.000000E+00
356	42.2490	0.750000	0.000000E+00
357	43.2490	5.62500	-1.00000
358	42.0823	2.12500	-1.00000
359	45.6745	2.12500	0.000000E+00
360	42.0823	2.12500	0.000000E+00
361	45.6745	9.12500	0.000000E+00
362	42.0823	5.62500	-1.00000
363	42.0823	5.62500	0.000000E+00
364	42.2490	9.12500	0.000000E+00
365	48.1000	0.000000E+00	0.000000E+00
366	42.2490	10.5000	0.000000E+00
367	48.1000	0.750000	0.000000E+00
368	43.2490	3.12500	0.000000E+00
369	48.1000	2.12500	-1.00000
370	48.1000	2.12500	0.000000E+00
371	43.2490	6.62500	0.000000E+00
372	43.2490	10.1250	0.000000E+00
373	44.6745	0.000000E+00	0.000000E+00
374	44.6745	0.750000	0.000000E+00
375	44.5078	2.12500	0.000000E+00
376	44.5078	5.62500	0.000000E+00
377	44.6745	9.12500	0.000000E+00
378	44.6745	10.5000	0.000000E+00
379	45.6745	3.12500	0.000000E+00
380	48.1000	5.62500	0.000000E+00
381	48.1000	9.12500	-1.00000
382	48.1000	9.12500	0.000000E+00
383	45.6745	6.62500	0.000000E+00
384	48.1000	10.5000	0.000000E+00
385	45.6745	10.1250	0.000000E+00
386	48.1000	11.2500	0.000000E+00
387	47.1000	0.000000E+00	0.000000E+00
388	47.1000	0.750000	0.000000E+00
389	48.1000	5.62500	-1.00000
390	50.5255	2.12500	0.000000E+00
391	46.9333	2.12500	-1.00000
392	50.5255	9.12500	0.000000E+00
393	46.9333	2.12500	0.000000E+00
394	46.9333	5.62500	-1.00000
395	46.9333	5.62500	0.000000E+00
396	51.8010	2.12500	0.000000E+00
397	47.1000	9.12500	0.000000E+00
398	51.8010	9.12500	0.000000E+00
399	47.1000	10.5000	0.000000E+00
400	48.1000	3.12500	0.000000E+00
401	48.1000	6.62500	0.000000E+00
402	52.9510	0.000000E+00	0.000000E+00
403	48.1000	10.1250	0.000000E+00
404	52.9510	0.750000	0.000000E+00
405	49.5255	0.000000E+00	0.000000E+00
406	52.9510	2.12500	-1.00000
407	52.9510	2.12500	0.000000E+00
408	49.5255	0.750000	0.000000E+00
409	49.3588	2.12500	0.000000E+00
410	49.3588	5.62500	0.000000E+00
411	49.5255	9.12500	0.000000E+00
412	49.5255	10.5000	0.000000E+00
413	50.5255	3.12500	0.000000E+00
414	50.5255	6.62500	0.000000E+00
415	50.5255	10.1250	0.000000E+00
416	51.8010	3.12500	0.000000E+00
417	52.9510	5.62500	0.000000E+00
418	52.9510	9.12500	-1.00000
419	52.9510	9.12500	0.000000E+00
420	51.8010	6.62500	0.000000E+00
421	52.9510	10.5000	0.000000E+00
422	51.8010	10.1250	0.000000E+00
423	52.9510	11.2500	0.000000E+00
424	51.9510	0.000000E+00	0.000000E+00
425	51.9510	0.750000	0.000000E+00
426	52.9510	5.62500	-1.00000
427	55.3765	2.12500	0.000000E+00
428	51.7843	2.12500	-1.00000
429	55.3765	9.12500	0.000000E+00
430	51.7843	2.12500	0.000000E+00
431	51.7843	5.62500	-1.00000
432	51.7843	5.62500	0.000000E+00
433	57.8020	0.000000E+00	0.000000E+00
434	51.9510	9.12500	0.000000E+00
435	57.8020	0.750000	0.000000E+00
436	51.9510	10.5000	0.000000E+00
437	57.8020	2.12500	-1.00000
438	57.8020	2.12500	0.000000E+00
439	52.9510	3.12500	0.000000E+00
440	52.9510	6.62500	0.000000E+00
441	52.9510	10.1250	0.000000E+00
442	54.3765	0.000000E+00	0.000000E+00
443	54.3765	0.750000	0.000000E+00
444	54.2098	2.12500	0.000000E+00
445	54.2098	5.62500	0.000000E+00
446	54.3765	9.12500	0.000000E+00
447	54.3765	10.5000	0.000000E+00
448	55.3765	3.12500	0.000000E+00

449	57.8020	9.12500	-1.00000
450	57.8020	9.12500	0.000000E+00
451	57.8020	5.62500	0.000000E+00
452	57.8020	10.5000	0.000000E+00
453	55.3765	6.62500	0.000000E+00
454	57.8020	11.2500	0.000000E+00
455	55.3765	10.1250	0.000000E+00
456	56.8020	0.000000E+00	0.000000E+00
457	56.8020	0.750000	0.000000E+00
458	60.2275	2.12500	0.000000E+00
459	57.8020	5.62500	-1.00000
460	60.2275	9.12500	0.000000E+00
461	56.6353	2.12500	-1.00000
462	56.6353	2.12500	0.000000E+00
463	56.6353	5.62500	-1.00000
464	62.6530	0.000000E+00	0.000000E+00
465	56.6353	5.62500	0.000000E+00
466	62.6530	0.750000	0.000000E+00
467	56.8020	9.12500	0.000000E+00
468	62.6530	2.12500	-1.00000
469	62.6530	2.12500	0.000000E+00
470	56.8020	10.5000	0.000000E+00
471	57.8020	3.12500	0.000000E+00
472	57.8020	6.62500	0.000000E+00
473	57.8020	10.1250	0.000000E+00
474	59.2275	0.000000E+00	0.000000E+00
475	59.2275	0.750000	0.000000E+00
476	59.0608	2.12500	0.000000E+00
477	59.0608	5.62500	0.000000E+00
478	59.2275	9.12500	0.000000E+00
479	59.2275	10.5000	0.000000E+00
480	62.6530	9.12500	-1.00000
481	62.6530	9.12500	0.000000E+00
482	60.2275	3.12500	0.000000E+00
483	62.6530	10.5000	0.000000E+00
484	62.6530	5.62500	0.000000E+00
485	62.6530	11.2500	0.000000E+00
486	60.2275	6.62500	0.000000E+00
487	60.2275	10.1250	0.000000E+00
488	61.6530	0.000000E+00	0.000000E+00
489	63.8030	2.12500	0.000000E+00
490	61.6530	0.750000	0.000000E+00
491	63.8030	9.12500	0.000000E+00
492	62.6530	5.62500	-1.00000
493	61.4863	2.12500	-1.00000
494	61.4863	2.12500	0.000000E+00
495	65.0785	2.12500	0.000000E+00
496	61.4863	5.62500	-1.00000
497	65.0785	9.12500	0.000000E+00
498	61.4863	5.62500	0.000000E+00
499	61.6530	9.12500	0.000000E+00
500	61.6530	10.5000	0.000000E+00
501	67.5040	0.000000E+00	0.000000E+00
502	62.6530	3.12500	0.000000E+00
503	67.5040	0.750000	0.000000E+00
504	62.6530	6.62500	0.000000E+00
505	67.5040	2.12500	-1.00000
506	67.5040	2.12500	0.000000E+00
507	62.6530	10.1250	0.000000E+00
508	63.8030	3.12500	0.000000E+00
509	63.8030	6.62500	0.000000E+00
510	63.8030	10.1250	0.000000E+00
511	64.0785	0.000000E+00	0.000000E+00
512	64.0785	0.750000	0.000000E+00
513	63.9118	2.12500	0.000000E+00
514	63.9118	5.62500	0.000000E+00
515	64.0785	9.12500	0.000000E+00
516	64.0785	10.5000	0.000000E+00
517	67.5040	9.12500	-1.00000
518	67.5040	9.12500	0.000000E+00
519	65.0785	3.12500	0.000000E+00
520	67.5040	10.5000	0.000000E+00
521	67.5040	5.62500	0.000000E+00
522	67.5040	11.2500	0.000000E+00
523	65.0785	6.62500	0.000000E+00
524	65.0785	10.1250	0.000000E+00
525	66.5040	0.000000E+00	0.000000E+00
526	69.9295	2.12500	0.000000E+00
527	66.5040	0.750000	0.000000E+00
528	69.9295	9.12500	0.000000E+00
529	67.5040	5.62500	-1.00000
530	66.3373	2.12500	-1.00000
531	66.3373	2.12500	0.000000E+00
532	72.3550	0.000000E+00	0.000000E+00
533	66.3373	5.62500	-1.00000
534	72.3550	0.750000	0.000000E+00
535	66.3373	5.62500	0.000000E+00
536	72.3550	2.12500	-1.00000
537	72.3550	2.12500	0.000000E+00
538	66.5040	9.12500	0.000000E+00
539	66.5040	10.5000	0.000000E+00
540	67.5040	3.12500	0.000000E+00
541	67.5040	6.62500	0.000000E+00
542	67.5040	10.1250	0.000000E+00
543	68.9295	0.000000E+00	0.000000E+00
544	68.9295	0.750000	0.000000E+00
545	68.7628	2.12500	0.000000E+00
546	68.7628	5.62500	0.000000E+00
547	68.9295	9.12500	0.000000E+00
548	72.3550	9.12500	-1.00000
549	72.3550	9.12500	0.000000E+00
550	68.9295	10.5000	0.000000E+00
551	72.3550	10.5000	0.000000E+00
552	69.9295	3.12500	0.000000E+00
553	72.3550	11.2500	0.000000E+00

554	72.3550	5.62500	0.000000E+00
555	69.9295	6.62500	0.000000E+00
556	69.9295	10.1250	0.000000E+00
557	74.7805	2.12500	0.000000E+00
558	71.3550	0.000000E+00	0.000000E+00
559	74.7805	9.12500	0.000000E+00
560	71.3550	0.750000	0.000000E+00
561	72.3550	5.62500	-1.00000
562	71.1883	2.12500	-1.00000
563	76.0550	2.12500	0.000000E+00
564	71.1883	2.12500	0.000000E+00
565	76.0550	9.12500	0.000000E+00
566	71.1883	5.62500	-1.00000
567	71.1883	5.62500	0.000000E+00
568	71.3550	9.12500	0.000000E+00
569	77.2060	0.000000E+00	0.000000E+00
570	71.3550	10.5000	0.000000E+00
571	77.2060	0.750000	0.000000E+00
572	72.3550	3.12500	0.000000E+00
573	77.2060	2.12500	-1.00000
574	77.2060	2.12500	0.000000E+00
575	72.3550	6.62500	0.000000E+00
576	72.3550	10.1250	0.000000E+00
577	73.7805	0.000000E+00	0.000000E+00
578	73.7805	0.750000	0.000000E+00
579	73.6138	2.12500	0.000000E+00
580	73.6138	5.62500	0.000000E+00
581	73.7805	9.12500	0.000000E+00
582	73.7805	10.5000	0.000000E+00
583	74.7805	3.12500	0.000000E+00
584	74.7805	6.62500	0.000000E+00
585	77.2060	9.12500	-1.00000
586	77.2060	9.12500	0.000000E+00
587	74.7805	10.1250	0.000000E+00
588	77.2060	10.5000	0.000000E+00
589	76.0550	3.12500	0.000000E+00
590	77.2060	11.2500	0.000000E+00
591	77.2060	5.62500	0.000000E+00
592	76.0550	6.62500	0.000000E+00
593	76.0550	10.1250	0.000000E+00
594	79.6315	2.12500	0.000000E+00
595	76.2060	0.000000E+00	0.000000E+00
596	79.6315	9.12500	0.000000E+00
597	76.2060	0.750000	0.000000E+00
598	77.2060	5.62500	-1.00000
599	76.0393	2.12500	-1.00000
600	82.0570	0.000000E+00	0.000000E+00
601	76.0393	2.12500	0.000000E+00
602	82.0570	0.750000	0.000000E+00
603	76.0393	5.62500	-1.00000
604	1.50000	2.12500	-2.50000
605	0.500000	3.12500	-2.50000
606	82.0570	2.12500	-1.00000
607	82.0570	2.12500	0.000000E+00
608	76.0393	5.62500	0.000000E+00
609	76.2060	9.12500	0.000000E+00
610	76.2060	10.5000	0.000000E+00
611	77.2060	3.12500	0.000000E+00
612	1.50000	9.12500	-2.50000
613	0.500000	10.1250	-2.50000
614	77.2060	6.62500	0.000000E+00
615	77.2060	10.1250	0.000000E+00
616	78.6315	0.000000E+00	0.000000E+00
617	78.6315	0.750000	0.000000E+00
618	78.4648	2.12500	0.000000E+00
619	78.4648	5.62500	0.000000E+00
620	34.5470	2.12500	-2.50000
621	33.5470	3.12500	-2.50000
622	82.0570	9.12500	-1.00000
623	82.0570	9.12500	0.000000E+00
624	78.6315	9.12500	0.000000E+00
625	82.0570	10.5000	0.000000E+00
626	78.6315	10.5000	0.000000E+00
627	82.0570	11.2500	0.000000E+00
628	79.6315	3.12500	0.000000E+00
629	82.0570	5.62500	0.000000E+00
630	79.6315	6.62500	0.000000E+00
631	84.4835	2.12500	0.000000E+00
632	79.6315	10.1250	0.000000E+00
633	84.4835	9.12500	0.000000E+00
634	81.0570	0.000000E+00	0.000000E+00
635	81.0570	0.750000	0.000000E+00
636	82.0570	5.62500	-1.00000
637	86.9100	0.000000E+00	0.000000E+00
638	80.8903	2.12500	-1.00000
639	86.9100	0.750000	0.000000E+00
640	80.8903	2.12500	0.000000E+00
641	86.9100	2.12500	-1.00000
642	86.9100	2.12500	0.000000E+00
643	80.8903	5.62500	-1.00000
644	80.8903	5.62500	0.000000E+00
645	81.0570	9.12500	0.000000E+00
646	81.0570	10.5000	0.000000E+00
647	82.0570	3.12500	0.000000E+00
648	82.0570	6.62500	0.000000E+00
649	82.0570	10.1250	0.000000E+00
650	83.4835	0.000000E+00	0.000000E+00
651	83.4835	0.750000	0.000000E+00
652	83.3168	2.12500	0.000000E+00
653	86.9100	9.12500	-1.00000
654	86.9100	9.12500	0.000000E+00
655	83.3168	5.62500	0.000000E+00
656	86.9100	10.5000	0.000000E+00
657	83.4835	9.12500	0.000000E+00
658	86.9100	11.2500	0.000000E+00

659	83.4835	10.5000	0.000000E+00
660	84.4835	3.12500	0.000000E+00
661	86.9100	5.62500	0.000000E+00
662	88.0610	2.12500	0.000000E+00
663	84.4835	6.62500	0.000000E+00
664	88.0610	9.12500	0.000000E+00
665	84.4835	10.1250	0.000000E+00
666	85.9100	0.000000E+00	0.000000E+00
667	85.9100	0.750000	0.000000E+00
668	89.3365	2.12500	0.000000E+00
669	86.9100	5.62500	-1.00000
670	89.3365	9.12500	0.000000E+00
671	85.7433	2.12500	-1.00000
672	85.7433	2.12500	0.000000E+00
673	85.7433	5.62500	-1.00000
674	91.7630	0.000000E+00	0.000000E+00
675	85.7433	5.62500	0.000000E+00
676	91.7630	0.750000	0.000000E+00
677	85.9100	9.12500	0.000000E+00
678	91.7630	2.12500	-1.00000
679	91.7630	2.12500	0.000000E+00
680	85.9100	10.5000	0.000000E+00
681	86.9100	3.12500	0.000000E+00
682	86.9100	6.62500	0.000000E+00
683	86.9100	10.1250	0.000000E+00
684	88.0610	3.12500	0.000000E+00
685	88.0610	6.62500	0.000000E+00
686	88.0610	10.1250	0.000000E+00
687	88.3365	0.000000E+00	0.000000E+00
688	88.3365	0.750000	0.000000E+00
689	88.1698	2.12500	0.000000E+00
690	91.7630	9.12500	-1.00000
691	91.7630	9.12500	0.000000E+00
692	88.1698	5.62500	0.000000E+00
693	91.7630	10.5000	0.000000E+00
694	88.3365	9.12500	0.000000E+00
695	91.7630	11.2500	0.000000E+00
696	88.3365	10.5000	0.000000E+00
697	89.3365	3.12500	0.000000E+00
698	91.7630	5.62500	0.000000E+00
699	94.1895	2.12500	0.000000E+00
700	89.3365	6.62500	0.000000E+00
701	94.1895	9.12500	0.000000E+00
702	89.3365	10.1250	0.000000E+00
703	90.7630	0.000000E+00	0.000000E+00
704	90.7630	0.750000	0.000000E+00
705	96.6160	0.000000E+00	0.000000E+00
706	91.7630	5.62500	-1.00000
707	96.6160	0.750000	0.000000E+00
708	90.5963	2.12500	-1.00000
709	96.6160	2.12500	-1.00000
710	96.6160	2.12500	0.000000E+00
711	90.5963	2.12500	0.000000E+00
712	90.5963	5.62500	-1.00000
713	90.5963	5.62500	0.000000E+00
714	90.7630	9.12500	0.000000E+00
715	90.7630	10.5000	0.000000E+00
716	91.7630	3.12500	0.000000E+00
717	91.7630	6.62500	0.000000E+00
718	91.7630	10.1250	0.000000E+00
719	93.1895	0.000000E+00	0.000000E+00
720	93.1895	0.750000	0.000000E+00
721	96.6160	9.12500	-1.00000
722	96.6160	9.12500	0.000000E+00
723	93.0228	2.12500	0.000000E+00
724	96.6160	10.5000	0.000000E+00
725	93.0228	5.62500	0.000000E+00
726	96.6160	11.2500	0.000000E+00
727	93.1895	9.12500	0.000000E+00
728	93.1895	10.5000	0.000000E+00
729	94.1895	3.12500	0.000000E+00
730	99.0425	2.12500	0.000000E+00
731	96.6160	5.62500	0.000000E+00
732	99.0425	9.12500	0.000000E+00
733	94.1895	6.62500	0.000000E+00
734	94.1895	10.1250	0.000000E+00
735	95.6160	0.000000E+00	0.000000E+00
736	100.318	2.12500	0.000000E+00
737	95.6160	0.750000	0.000000E+00
738	100.318	9.12500	0.000000E+00
739	96.6160	5.62500	-1.00000
740	95.4493	2.12500	-1.00000
741	95.4493	2.12500	0.000000E+00
742	101.469	0.000000E+00	0.000000E+00
743	95.4493	5.62500	-1.00000
744	101.469	0.750000	0.000000E+00
745	95.4493	5.62500	0.000000E+00
746	101.469	2.12500	-1.00000
747	101.469	2.12500	0.000000E+00
748	95.6160	9.12500	0.000000E+00
749	95.6160	10.5000	0.000000E+00
750	96.6160	3.12500	0.000000E+00
751	96.6160	6.62500	0.000000E+00
752	96.6160	10.1250	0.000000E+00
753	98.0425	0.000000E+00	0.000000E+00
754	98.0425	0.750000	0.000000E+00
755	97.8758	2.12500	0.000000E+00
756	97.8758	5.62500	0.000000E+00
757	98.0425	9.12500	0.000000E+00
758	101.469	9.12500	-1.00000
759	101.469	9.12500	0.000000E+00
760	98.0425	10.5000	0.000000E+00
761	101.469	10.5000	0.000000E+00
762	99.0425	3.12500	0.000000E+00
763	101.469	11.2500	0.000000E+00

764	99.0425	6.62500	0.000000E+00
765	99.0425	10.1250	0.000000E+00
766	100.318	3.12500	0.000000E+00
767	103.896	2.12500	0.000000E+00
768	101.469	5.62500	0.000000E+00
769	103.896	9.12500	0.000000E+00
770	100.318	6.62500	0.000000E+00
771	100.318	10.1250	0.000000E+00
772	100.469	0.000000E+00	0.000000E+00
773	106.322	0.000000E+00	0.000000E+00
774	100.469	0.750000	0.000000E+00
775	106.322	0.750000	0.000000E+00
776	101.469	5.62500	-1.00000
777	106.322	2.12500	-1.00000
778	106.322	2.12500	0.000000E+00
779	100.302	2.12500	-1.00000
780	100.302	2.12500	0.000000E+00
781	100.302	5.62500	-1.00000
782	100.302	5.62500	0.000000E+00
783	100.469	9.12500	0.000000E+00
784	100.469	10.5000	0.000000E+00
785	101.469	3.12500	0.000000E+00
786	101.469	6.62500	0.000000E+00
787	101.469	10.1250	0.000000E+00
788	102.896	0.000000E+00	0.000000E+00
789	106.322	9.12500	-1.00000
790	106.322	9.12500	0.000000E+00
791	102.896	0.750000	0.000000E+00
792	106.322	10.5000	0.000000E+00
793	102.729	2.12500	0.000000E+00
794	106.322	11.2500	0.000000E+00
795	102.729	5.62500	0.000000E+00
796	102.896	9.12500	0.000000E+00
797	102.896	10.5000	0.000000E+00
798	108.749	2.12500	0.000000E+00
799	103.896	3.12500	0.000000E+00
800	108.749	9.12500	0.000000E+00
801	106.322	5.62500	0.000000E+00
802	103.896	6.62500	0.000000E+00
803	103.896	10.1250	0.000000E+00
804	111.175	0.000000E+00	0.000000E+00
805	105.322	0.000000E+00	0.000000E+00
806	111.175	0.750000	0.000000E+00
807	105.322	0.750000	0.000000E+00
808	111.175	2.12500	-1.00000
809	111.175	2.12500	0.000000E+00
810	106.322	5.62500	-1.00000
811	105.155	2.12500	-1.00000
812	105.155	2.12500	0.000000E+00
813	105.155	5.62500	-1.00000
814	105.155	5.62500	0.000000E+00
815	105.322	9.12500	0.000000E+00
816	105.322	10.5000	0.000000E+00
817	106.322	3.12500	0.000000E+00
818	106.322	6.62500	0.000000E+00
819	106.322	10.1250	0.000000E+00
820	111.175	9.12500	-1.00000
821	111.175	9.12500	0.000000E+00
822	107.749	0.000000E+00	0.000000E+00
823	111.175	10.5000	0.000000E+00
824	107.749	0.750000	0.000000E+00
825	111.175	11.2500	0.000000E+00
826	107.582	2.12500	0.000000E+00
827	107.582	5.62500	0.000000E+00
828	107.749	9.12500	0.000000E+00
829	112.325	2.12500	0.000000E+00
830	107.749	10.5000	0.000000E+00
831	112.325	9.12500	0.000000E+00
832	108.749	3.12500	0.000000E+00
833	111.175	5.62500	0.000000E+00
834	108.749	6.62500	0.000000E+00
835	113.602	2.12500	0.000000E+00
836	108.749	10.1250	0.000000E+00
837	113.602	9.12500	0.000000E+00
838	110.175	0.000000E+00	0.000000E+00
839	110.175	0.750000	0.000000E+00
840	111.175	5.62500	-1.00000
841	116.028	0.000000E+00	0.000000E+00
842	110.008	2.12500	-1.00000
843	116.028	0.750000	0.000000E+00
844	110.008	2.12500	0.000000E+00
845	116.028	2.12500	-1.00000
846	116.028	2.12500	0.000000E+00
847	110.008	5.62500	-1.00000
848	110.008	5.62500	0.000000E+00
849	110.175	9.12500	0.000000E+00
850	110.175	10.5000	0.000000E+00
851	111.175	3.12500	0.000000E+00
852	111.175	6.62500	0.000000E+00
853	111.175	10.1250	0.000000E+00
854	112.325	3.12500	0.000000E+00
855	112.325	6.62500	0.000000E+00
856	112.325	10.1250	0.000000E+00
857	116.028	9.12500	-1.00000
858	116.028	9.12500	0.000000E+00
859	112.602	0.000000E+00	0.000000E+00
860	116.028	10.5000	0.000000E+00
861	112.602	0.750000	0.000000E+00
862	116.028	11.2500	0.000000E+00
863	112.435	2.12500	0.000000E+00
864	112.435	5.62500	0.000000E+00
865	112.602	9.12500	0.000000E+00
866	118.455	2.12500	0.000000E+00
867	112.602	10.5000	0.000000E+00
868	118.455	9.12500	0.000000E+00

869	113.602	3.12500	0.000000E+00
870	116.028	5.62500	0.000000E+00
871	113.602	6.62500	0.000000E+00
872	120.881	0.000000E+00	0.000000E+00
873	113.602	10.1250	0.000000E+00
874	120.881	0.750000	0.000000E+00
875	115.028	0.000000E+00	0.000000E+00
876	120.881	2.12500	-1.00000
877	120.881	2.12500	0.000000E+00
878	115.028	0.750000	0.000000E+00
879	116.028	5.62500	-1.00000
880	114.861	2.12500	-1.00000
881	114.861	2.12500	0.000000E+00
882	114.861	5.62500	-1.00000
883	114.861	5.62500	0.000000E+00
884	115.028	9.12500	0.000000E+00
885	115.028	10.5000	0.000000E+00
886	116.028	3.12500	0.000000E+00
887	116.028	6.62500	0.000000E+00
888	120.881	9.12500	-1.00000
889	120.881	9.12500	0.000000E+00
890	116.028	10.1250	0.000000E+00
891	120.881	10.5000	0.000000E+00
892	117.455	0.000000E+00	0.000000E+00
893	120.881	11.2500	0.000000E+00
894	117.455	0.750000	0.000000E+00
895	117.288	2.12500	0.000000E+00
896	117.288	5.62500	0.000000E+00
897	123.307	2.12500	0.000000E+00
898	117.455	9.12500	0.000000E+00
899	123.307	9.12500	0.000000E+00
900	117.455	10.5000	0.000000E+00
901	118.455	3.12500	0.000000E+00
902	120.881	5.62500	0.000000E+00
903	124.582	2.12500	0.000000E+00
904	118.455	6.62500	0.000000E+00
905	124.582	9.12500	0.000000E+00
906	118.455	10.1250	0.000000E+00
907	119.881	0.000000E+00	0.000000E+00
908	119.881	0.750000	0.000000E+00
909	125.734	0.000000E+00	0.000000E+00
910	120.881	5.62500	-1.00000
911	125.734	0.750000	0.000000E+00
912	119.714	2.12500	-1.00000
913	125.734	2.12500	-1.00000
914	125.734	2.12500	0.000000E+00
915	119.714	2.12500	0.000000E+00
916	119.714	5.62500	-1.00000
917	119.714	5.62500	0.000000E+00
918	119.881	9.12500	0.000000E+00
919	119.881	10.5000	0.000000E+00
920	120.881	3.12500	0.000000E+00
921	120.881	6.62500	0.000000E+00
922	120.881	10.1250	0.000000E+00
923	122.307	0.000000E+00	0.000000E+00
924	122.307	0.750000	0.000000E+00
925	125.734	9.12500	-1.00000
926	125.734	9.12500	0.000000E+00
927	122.141	2.12500	0.000000E+00
928	125.734	10.5000	0.000000E+00
929	122.141	5.62500	0.000000E+00
930	125.734	11.2500	0.000000E+00
931	122.307	9.12500	0.000000E+00
932	122.307	10.5000	0.000000E+00
933	123.307	3.12500	0.000000E+00
934	128.160	2.12500	0.000000E+00
935	123.307	6.62500	0.000000E+00
936	128.160	9.12500	0.000000E+00
937	123.307	10.1250	0.000000E+00
938	124.582	3.12500	0.000000E+00
939	125.734	5.62500	0.000000E+00
940	130.587	0.000000E+00	0.000000E+00
941	124.582	6.62500	0.000000E+00
942	130.587	0.750000	0.000000E+00
943	124.582	10.1250	0.000000E+00
944	34.5470	9.12500	-2.50000
945	33.5470	10.1250	-2.50000
946	130.587	2.12500	-1.00000
947	130.587	2.12500	0.000000E+00
948	124.734	0.000000E+00	0.000000E+00
949	124.734	0.750000	0.000000E+00
950	125.734	5.62500	-1.00000
951	124.567	2.12500	-1.00000
952	83.0570	2.12500	-2.50000
953	82.0570	3.12500	-2.50000
954	124.567	2.12500	0.000000E+00
955	124.567	5.62500	-1.00000
956	124.567	5.62500	0.000000E+00
957	124.734	9.12500	0.000000E+00
958	124.734	10.5000	0.000000E+00
959	125.734	3.12500	0.000000E+00
960	83.0570	9.12500	-2.50000
961	82.0570	10.1250	-2.50000
962	130.587	9.12500	-1.00000
963	130.587	9.12500	0.000000E+00
964	125.734	6.62500	0.000000E+00
965	130.587	10.5000	0.000000E+00
966	125.734	10.1250	0.000000E+00
967	130.587	11.2500	0.000000E+00
968	127.160	0.000000E+00	0.000000E+00
969	127.160	0.750000	0.000000E+00
970	126.994	2.12500	0.000000E+00
971	133.015	2.12500	0.000000E+00
972	126.994	5.62500	0.000000E+00
973	133.015	9.12500	0.000000E+00



974	127.160	9.12500	0.000000E+00
975	127.160	10.5000	0.000000E+00
976	128.160	3.12500	0.000000E+00
977	135.442	0.000000E+00	0.000000E+00
978	130.587	5.62500	0.000000E+00
979	135.442	0.750000	0.000000E+00
980	128.160	6.62500	0.000000E+00
981	135.442	2.12500	-1.00000
982	135.442	2.12500	0.000000E+00
983	128.160	10.1250	0.000000E+00
984	129.587	0.000000E+00	0.000000E+00
985	129.587	0.750000	0.000000E+00
986	130.587	5.62500	-1.00000
987	129.420	2.12500	-1.00000
988	129.420	2.12500	0.000000E+00
989	129.420	5.62500	-1.00000
990	129.420	5.62500	0.000000E+00
991	129.587	9.12500	0.000000E+00
992	129.587	10.5000	0.000000E+00
993	135.442	9.12500	-1.00000
994	135.442	9.12500	0.000000E+00
995	130.587	3.12500	0.000000E+00
996	135.442	10.5000	0.000000E+00
997	130.587	6.62500	0.000000E+00
998	135.442	11.2500	0.000000E+00
999	130.587	10.1250	0.000000E+00
1000	132.014	0.000000E+00	0.000000E+00
1001	132.014	0.750000	0.000000E+00
1002	136.594	2.12500	0.000000E+00
1003	131.848	2.12500	0.000000E+00
1004	136.594	9.12500	0.000000E+00
1005	131.848	5.62500	0.000000E+00
1006	132.014	9.12500	0.000000E+00
1007	132.014	10.5000	0.000000E+00
1008	137.869	2.12500	0.000000E+00
1009	133.015	3.12500	0.000000E+00
1010	137.869	9.12500	0.000000E+00
1011	135.442	5.62500	0.000000E+00
1012	133.015	6.62500	0.000000E+00
1013	133.015	10.1250	0.000000E+00
1014	140.297	0.000000E+00	0.000000E+00
1015	134.442	0.000000E+00	0.000000E+00
1016	140.297	0.750000	0.000000E+00
1017	134.442	0.750000	0.000000E+00
1018	140.297	2.12500	-1.00000
1019	140.297	2.12500	0.000000E+00
1020	135.442	5.62500	-1.00000
1021	134.275	2.12500	-1.00000
1022	134.275	2.12500	0.000000E+00
1023	134.275	5.62500	-1.00000
1024	134.275	5.62500	0.000000E+00
1025	134.442	9.12500	0.000000E+00
1026	134.442	10.5000	0.000000E+00
1027	135.442	3.12500	0.000000E+00
1028	135.442	6.62500	0.000000E+00
1029	135.442	10.1250	0.000000E+00
1030	140.297	9.12500	-1.00000
1031	140.297	9.12500	0.000000E+00
1032	136.594	3.12500	0.000000E+00
1033	140.297	10.5000	0.000000E+00
1034	136.594	6.62500	0.000000E+00
1035	140.297	11.2500	0.000000E+00
1036	136.594	10.1250	0.000000E+00
1037	136.869	0.000000E+00	0.000000E+00
1038	136.869	0.750000	0.000000E+00
1039	142.724	2.12500	0.000000E+00
1040	136.703	2.12500	0.000000E+00
1041	142.724	9.12500	0.000000E+00
1042	136.703	5.62500	0.000000E+00
1043	136.869	9.12500	0.000000E+00
1044	136.869	10.5000	0.000000E+00
1045	145.152	0.000000E+00	0.000000E+00
1046	137.869	3.12500	0.000000E+00
1047	145.152	0.750000	0.000000E+00
1048	140.297	5.62500	0.000000E+00
1049	145.152	2.12500	-1.00000
1050	145.152	2.12500	0.000000E+00
1051	137.869	6.62500	0.000000E+00
1052	137.869	10.1250	0.000000E+00
1053	139.297	0.000000E+00	0.000000E+00
1054	139.297	0.750000	0.000000E+00
1055	140.297	5.62500	-1.00000
1056	139.130	2.12500	-1.00000
1057	139.130	2.12500	0.000000E+00
1058	139.130	5.62500	-1.00000
1059	139.130	5.62500	0.000000E+00
1060	139.297	9.12500	0.000000E+00
1061	145.152	9.12500	-1.00000
1062	145.152	9.12500	0.000000E+00
1063	139.297	10.5000	0.000000E+00
1064	145.152	10.5000	0.000000E+00
1065	140.297	3.12500	0.000000E+00
1066	145.152	11.2500	0.000000E+00
1067	140.297	6.62500	0.000000E+00
1068	140.297	10.1250	0.000000E+00
1069	141.724	0.000000E+00	0.000000E+00
1070	147.579	2.12500	0.000000E+00
1071	141.724	0.750000	0.000000E+00
1072	147.579	9.12500	0.000000E+00
1073	141.558	2.12500	0.000000E+00
1074	141.558	5.62500	0.000000E+00
1075	141.724	9.12500	0.000000E+00
1076	148.856	2.12500	0.000000E+00
1077	141.724	10.5000	0.000000E+00
1078	148.856	9.12500	0.000000E+00

1079	142.724	3.12500	0.000000E+00
1080	145.152	5.62500	0.000000E+00
1081	142.724	6.62500	0.000000E+00
1082	150.007	0.000000E+00	0.000000E+00
1083	142.724	10.12500	0.000000E+00
1084	150.007	0.750000	0.000000E+00
1085	144.152	0.000000E+00	0.000000E+00
1086	150.007	2.12500	-1.000000
1087	150.007	2.12500	0.000000E+00
1088	144.152	0.750000	0.000000E+00
1089	145.152	5.62500	-1.000000
1090	143.985	2.12500	-1.000000
1091	143.985	2.12500	0.000000E+00
1092	143.985	5.62500	-1.000000
1093	143.985	5.62500	0.000000E+00
1094	144.152	9.12500	0.000000E+00
1095	144.152	10.50000	0.000000E+00
1096	145.152	3.12500	0.000000E+00
1097	145.152	6.62500	0.000000E+00
1098	150.007	9.12500	-1.000000
1099	150.007	9.12500	0.000000E+00
1100	145.152	10.12500	0.000000E+00
1101	150.007	10.50000	0.000000E+00
1102	146.579	0.000000E+00	0.000000E+00
1103	150.007	11.25000	0.000000E+00
1104	146.579	0.750000	0.000000E+00
1105	146.413	2.12500	0.000000E+00
1106	146.413	5.62500	0.000000E+00
1107	152.435	2.12500	0.000000E+00
1108	146.579	9.12500	0.000000E+00
1109	152.435	9.12500	0.000000E+00
1110	146.579	10.50000	0.000000E+00
1111	147.579	3.12500	0.000000E+00
1112	147.579	6.62500	0.000000E+00
1113	154.862	0.000000E+00	0.000000E+00
1114	147.579	10.12500	0.000000E+00
1115	154.862	0.750000	0.000000E+00
1116	148.856	3.12500	0.000000E+00
1117	154.862	2.12500	-1.000000
1118	154.862	2.12500	0.000000E+00
1119	150.007	5.62500	0.000000E+00
1120	148.856	6.62500	0.000000E+00
1121	148.856	10.12500	0.000000E+00
1122	149.007	0.000000E+00	0.000000E+00
1123	149.007	0.750000	0.000000E+00
1124	150.007	5.62500	-1.000000
1125	148.840	2.12500	-1.000000
1126	148.840	2.12500	0.000000E+00
1127	148.840	5.62500	-1.000000
1128	148.840	5.62500	0.000000E+00
1129	154.862	9.12500	-1.000000
1130	154.862	9.12500	0.000000E+00
1131	149.007	9.12500	0.000000E+00
1132	154.862	10.50000	0.000000E+00
1133	149.007	10.50000	0.000000E+00
1134	154.862	11.25000	0.000000E+00
1135	150.007	3.12500	0.000000E+00
1136	150.007	6.62500	0.000000E+00
1137	150.007	10.12500	0.000000E+00
1138	157.290	2.12500	0.000000E+00
1139	151.435	0.000000E+00	0.000000E+00
1140	157.290	9.12500	0.000000E+00
1141	151.435	0.750000	0.000000E+00
1142	151.268	2.12500	0.000000E+00
1143	151.268	5.62500	0.000000E+00
1144	159.717	0.000000E+00	0.000000E+00
1145	151.435	9.12500	0.000000E+00
1146	159.717	0.750000	0.000000E+00
1147	151.435	10.50000	0.000000E+00
1148	159.717	2.12500	-1.000000
1149	159.717	2.12500	0.000000E+00
1150	152.435	3.12500	0.000000E+00
1151	154.862	5.62500	0.000000E+00
1152	152.435	6.62500	0.000000E+00
1153	152.435	10.12500	0.000000E+00
1154	153.862	0.000000E+00	0.000000E+00
1155	153.862	0.750000	0.000000E+00
1156	154.862	5.62500	-1.000000
1157	153.695	2.12500	-1.000000
1158	153.695	2.12500	0.000000E+00
1159	153.695	5.62500	-1.000000
1160	159.717	9.12500	-1.000000
1161	159.717	9.12500	0.000000E+00
1162	153.695	5.62500	0.000000E+00
1163	159.717	10.50000	0.000000E+00
1164	153.862	9.12500	0.000000E+00
1165	159.717	11.25000	0.000000E+00
1166	153.862	10.50000	0.000000E+00
1167	154.862	3.12500	0.000000E+00
1168	154.862	6.62500	0.000000E+00
1169	160.868	2.12500	0.000000E+00
1170	154.862	10.12500	0.000000E+00
1171	160.868	9.12500	0.000000E+00
1172	156.290	0.000000E+00	0.000000E+00
1173	156.290	0.750000	0.000000E+00
1174	156.123	2.12500	0.000000E+00
1175	162.144	2.12500	0.000000E+00
1176	156.123	5.62500	0.000000E+00
1177	162.144	9.12500	0.000000E+00
1178	156.290	9.12500	0.000000E+00
1179	156.290	10.50000	0.000000E+00
1180	157.290	3.12500	0.000000E+00
1181	164.572	0.000000E+00	0.000000E+00
1182	159.717	5.62500	0.000000E+00
1183	164.572	0.750000	0.000000E+00

1184	157.290	6.62500	0.000000E+00
1185	164.572	2.12500	-1.00000
1186	164.572	2.12500	0.000000E+00
1187	157.290	10.1250	0.000000E+00
1188	158.717	0.000000E+00	0.000000E+00
1189	158.717	0.750000	0.000000E+00
1190	159.717	5.62500	-1.00000
1191	158.550	2.12500	-1.00000
1192	158.550	2.12500	0.000000E+00
1193	158.550	5.62500	-1.00000
1194	158.550	5.62500	0.000000E+00
1195	158.717	9.12500	0.000000E+00
1196	158.717	10.5000	0.000000E+00
1197	164.572	9.12500	-1.00000
1198	164.572	9.12500	0.000000E+00
1199	159.717	3.12500	0.000000E+00
1200	164.572	10.5000	0.000000E+00
1201	159.717	6.62500	0.000000E+00
1202	164.572	11.2500	0.000000E+00
1203	159.717	10.1250	0.000000E+00
1204	160.868	3.12500	0.000000E+00
1205	160.868	6.62500	0.000000E+00
1206	166.999	2.12500	0.000000E+00
1207	160.868	10.1250	0.000000E+00
1208	166.999	9.12500	0.000000E+00
1209	161.144	0.000000E+00	0.000000E+00
1210	161.144	0.750000	0.000000E+00
1211	160.978	2.12500	0.000000E+00
1212	169.427	0.000000E+00	0.000000E+00
1213	160.978	5.62500	0.000000E+00
1214	169.427	0.750000	0.000000E+00
1215	161.144	9.12500	0.000000E+00
1216	169.427	2.12500	-1.00000
1217	169.427	2.12500	0.000000E+00
1218	161.144	10.5000	0.000000E+00
1219	162.144	3.12500	0.000000E+00
1220	164.572	5.62500	0.000000E+00
1221	162.144	6.62500	0.000000E+00
1222	162.144	10.1250	0.000000E+00
1223	163.572	0.000000E+00	0.000000E+00
1224	163.572	0.750000	0.000000E+00
1225	164.572	5.62500	-1.00000
1226	163.405	2.12500	-1.00000
1227	163.405	2.12500	0.000000E+00
1228	169.427	9.12500	-1.00000
1229	169.427	9.12500	0.000000E+00
1230	163.405	5.62500	-1.00000
1231	169.427	10.5000	0.000000E+00
1232	163.405	5.62500	0.000000E+00
1233	169.427	11.2500	0.000000E+00
1234	163.572	9.12500	0.000000E+00
1235	163.572	10.5000	0.000000E+00
1236	164.572	3.12500	0.000000E+00
1237	171.855	2.12500	0.000000E+00
1238	164.572	6.62500	0.000000E+00
1239	171.855	9.12500	0.000000E+00
1240	164.572	10.1250	0.000000E+00
1241	165.999	0.000000E+00	0.000000E+00
1242	165.999	0.750000	0.000000E+00
1243	173.130	2.12500	0.000000E+00
1244	165.833	2.12500	0.000000E+00
1245	173.130	9.12500	0.000000E+00
1246	165.833	5.62500	0.000000E+00
1247	165.999	9.12500	0.000000E+00
1248	165.999	10.5000	0.000000E+00
1249	174.282	0.000000E+00	0.000000E+00
1250	166.999	3.12500	0.000000E+00
1251	174.282	0.750000	0.000000E+00
1252	169.427	5.62500	0.000000E+00
1253	174.282	2.12500	-1.00000
1254	174.282	2.12500	0.000000E+00
1255	166.999	6.62500	0.000000E+00
1256	166.999	10.1250	0.000000E+00
1257	168.427	0.000000E+00	0.000000E+00
1258	168.427	0.750000	0.000000E+00
1259	169.427	5.62500	-1.00000
1260	168.260	2.12500	-1.00000
1261	168.260	2.12500	0.000000E+00
1262	168.260	5.62500	-1.00000
1263	168.260	5.62500	0.000000E+00
1264	168.427	9.12500	0.000000E+00
1265	174.282	9.12500	-1.00000
1266	174.282	9.12500	0.000000E+00
1267	168.427	10.5000	0.000000E+00
1268	174.282	10.5000	0.000000E+00
1269	169.427	3.12500	0.000000E+00
1270	174.282	11.2500	0.000000E+00
1271	169.427	6.62500	0.000000E+00
1272	169.427	10.1250	0.000000E+00
1273	170.855	0.000000E+00	0.000000E+00
1274	176.710	2.12500	0.000000E+00
1275	170.855	0.750000	0.000000E+00
1276	176.710	9.12500	0.000000E+00
1277	170.688	2.12500	0.000000E+00
1278	170.688	5.62500	0.000000E+00
1279	170.855	9.12500	0.000000E+00
1280	179.137	0.000000E+00	0.000000E+00
1281	170.855	10.5000	0.000000E+00
1282	179.137	0.750000	0.000000E+00
1283	171.855	3.12500	0.000000E+00
1284	131.587	2.12500	-2.50000
1285	130.587	3.12500	-2.50000
1286	179.137	2.12500	-1.00000
1287	179.137	2.12500	0.000000E+00
1288	171.855	6.62500	0.000000E+00

1289	171.855	10.1250	0.000000E+00
1290	173.130	3.12500	0.000000E+00
1291	174.282	5.62500	0.000000E+00
1292	131.587	9.12500	-2.50000
1293	130.587	10.1250	-2.50000
1294	173.130	6.62500	0.000000E+00
1295	173.130	10.1250	0.000000E+00
1296	173.282	0.000000E+00	0.000000E+00
1297	173.282	0.750000	0.000000E+00
1298	174.282	5.62500	-1.00000
1299	173.115	2.12500	-1.00000
1300	180.137	2.12500	-2.50000
1301	179.137	3.12500	-2.50000
1302	179.137	9.12500	-1.00000
1303	179.137	9.12500	0.000000E+00
1304	173.115	2.12500	0.000000E+00
1305	179.137	10.5000	0.000000E+00
1306	173.115	5.62500	-1.00000
1307	179.137	11.2500	0.000000E+00
1308	173.115	5.62500	0.000000E+00
1309	173.282	9.12500	0.000000E+00
1310	173.282	10.5000	0.000000E+00
1311	181.566	2.12500	0.000000E+00
1312	174.282	3.12500	0.000000E+00
1313	181.566	9.12500	0.000000E+00
1314	174.282	6.62500	0.000000E+00
1315	174.282	10.1250	0.000000E+00
1316	175.710	0.000000E+00	0.000000E+00
1317	183.994	0.000000E+00	0.000000E+00
1318	175.710	0.750000	0.000000E+00
1319	183.994	0.750000	0.000000E+00
1320	175.543	2.12500	0.000000E+00
1321	183.994	2.12500	-1.00000
1322	183.994	2.12500	0.000000E+00
1323	175.543	5.62500	0.000000E+00
1324	175.710	9.12500	0.000000E+00
1325	175.710	10.5000	0.000000E+00
1326	176.710	3.12500	0.000000E+00
1327	179.137	5.62500	0.000000E+00
1328	176.710	6.62500	0.000000E+00
1329	176.710	10.1250	0.000000E+00
1330	178.137	0.000000E+00	0.000000E+00
1331	178.137	0.750000	0.000000E+00
1332	179.137	5.62500	-1.00000
1333	183.994	9.12500	-1.00000
1334	183.994	9.12500	0.000000E+00
1335	177.970	2.12500	-1.00000
1336	183.994	10.5000	0.000000E+00
1337	177.970	2.12500	0.000000E+00
1338	183.994	11.2500	0.000000E+00
1339	177.970	5.62500	-1.00000
1340	177.970	5.62500	0.000000E+00
1341	178.137	9.12500	0.000000E+00
1342	185.147	2.12500	0.000000E+00
1343	178.137	10.5000	0.000000E+00
1344	185.147	9.12500	0.000000E+00
1345	179.137	3.12500	0.000000E+00
1346	179.137	6.62500	0.000000E+00
1347	179.137	10.1250	0.000000E+00
1348	186.423	2.12500	0.000000E+00
1349	180.566	0.000000E+00	0.000000E+00
1350	186.423	9.12500	0.000000E+00
1351	180.566	0.750000	0.000000E+00
1352	180.399	2.12500	0.000000E+00
1353	180.399	5.62500	0.000000E+00
1354	188.851	0.000000E+00	0.000000E+00
1355	180.566	9.12500	0.000000E+00
1356	188.851	0.750000	0.000000E+00
1357	180.566	10.5000	0.000000E+00
1358	188.851	2.12500	-1.00000
1359	188.851	2.12500	0.000000E+00
1360	181.566	3.12500	0.000000E+00
1361	183.994	5.62500	0.000000E+00
1362	181.566	6.62500	0.000000E+00
1363	181.566	10.1250	0.000000E+00
1364	182.994	0.000000E+00	0.000000E+00
1365	182.994	0.750000	0.000000E+00
1366	183.994	5.62500	-1.00000
1367	182.827	2.12500	-1.00000
1368	182.827	2.12500	0.000000E+00
1369	182.827	5.62500	-1.00000
1370	188.851	9.12500	-1.00000
1371	188.851	9.12500	0.000000E+00
1372	182.827	5.62500	0.000000E+00
1373	188.851	10.5000	0.000000E+00
1374	182.994	9.12500	0.000000E+00
1375	188.851	11.2500	0.000000E+00
1376	182.994	10.5000	0.000000E+00
1377	183.994	3.12500	0.000000E+00
1378	183.994	6.62500	0.000000E+00
1379	191.279	2.12500	0.000000E+00
1380	183.994	10.1250	0.000000E+00
1381	191.279	9.12500	0.000000E+00
1382	185.147	3.12500	0.000000E+00
1383	185.147	6.62500	0.000000E+00
1384	185.147	10.1250	0.000000E+00
1385	193.708	0.000000E+00	0.000000E+00
1386	185.423	0.000000E+00	0.000000E+00
1387	193.708	0.750000	0.000000E+00
1388	185.423	0.750000	0.000000E+00
1389	193.708	2.12500	-1.00000
1390	193.708	2.12500	0.000000E+00
1391	185.256	2.12500	0.000000E+00
1392	185.256	5.62500	0.000000E+00
1393	185.423	9.12500	0.000000E+00

1394	185.423	10.5000	0.000000E+00
1395	186.423	3.12500	0.000000E+00
1396	188.851	5.62500	0.000000E+00
1397	186.423	6.62500	0.000000E+00
1398	186.423	10.1250	0.000000E+00
1399	187.851	0.000000E+00	0.000000E+00
1400	187.851	0.750000	0.000000E+00
1401	193.708	9.12500	-1.00000
1402	193.708	9.12500	0.000000E+00
1403	188.851	5.62500	-1.00000
1404	193.708	10.5000	0.000000E+00
1405	187.684	2.12500	-1.00000
1406	193.708	11.2500	0.000000E+00
1407	187.684	2.12500	0.000000E+00
1408	187.684	5.62500	-1.00000
1409	187.684	5.62500	0.000000E+00
1410	196.136	2.12500	0.000000E+00
1411	187.851	9.12500	0.000000E+00
1412	196.136	9.12500	0.000000E+00
1413	187.851	10.5000	0.000000E+00
1414	188.851	3.12500	0.000000E+00
1415	188.851	6.62500	0.000000E+00
1416	197.414	2.12500	0.000000E+00
1417	188.851	10.1250	0.000000E+00
1418	197.414	9.12500	0.000000E+00
1419	190.279	0.000000E+00	0.000000E+00
1420	190.279	0.750000	0.000000E+00
1421	190.113	2.12500	0.000000E+00
1422	198.565	0.000000E+00	0.000000E+00
1423	190.113	5.62500	0.000000E+00
1424	198.565	0.750000	0.000000E+00
1425	190.279	9.12500	0.000000E+00
1426	198.565	2.12500	-1.00000
1427	198.565	2.12500	0.000000E+00
1428	190.279	10.5000	0.000000E+00
1429	191.279	3.12500	0.000000E+00
1430	193.708	5.62500	0.000000E+00
1431	191.279	6.62500	0.000000E+00
1432	191.279	10.1250	0.000000E+00
1433	192.708	0.000000E+00	0.000000E+00
1434	192.708	0.750000	0.000000E+00
1435	193.708	5.62500	-1.00000
1436	192.541	2.12500	-1.00000
1437	192.541	2.12500	0.000000E+00
1438	198.565	9.12500	-1.00000
1439	198.565	9.12500	0.000000E+00
1440	192.541	5.62500	-1.00000
1441	198.565	10.5000	0.000000E+00
1442	192.541	5.62500	0.000000E+00
1443	198.565	11.2500	0.000000E+00
1444	192.708	9.12500	0.000000E+00
1445	192.708	10.5000	0.000000E+00
1446	193.708	3.12500	0.000000E+00
1447	200.994	2.12500	0.000000E+00
1448	193.708	6.62500	0.000000E+00
1449	200.994	9.12500	0.000000E+00
1450	193.708	10.1250	0.000000E+00
1451	195.136	0.000000E+00	0.000000E+00
1452	195.136	0.750000	0.000000E+00
1453	203.422	0.000000E+00	0.000000E+00
1454	194.970	2.12500	0.000000E+00
1455	203.422	0.750000	0.000000E+00
1456	194.970	5.62500	0.000000E+00
1457	203.422	2.12500	-1.00000
1458	203.422	2.12500	0.000000E+00
1459	195.136	9.12500	0.000000E+00
1460	195.136	10.5000	0.000000E+00
1461	196.136	3.12500	0.000000E+00
1462	196.136	6.62500	0.000000E+00
1463	196.136	10.1250	0.000000E+00
1464	197.414	3.12500	0.000000E+00
1465	198.565	5.62500	0.000000E+00
1466	197.414	6.62500	0.000000E+00
1467	197.414	10.1250	0.000000E+00
1468	197.565	0.000000E+00	0.000000E+00
1469	203.422	9.12500	-1.00000
1470	203.422	9.12500	0.000000E+00
1471	197.565	0.750000	0.000000E+00
1472	203.422	10.5000	0.000000E+00
1473	198.565	5.62500	-1.00000
1474	203.422	11.2500	0.000000E+00
1475	197.398	2.12500	-1.00000
1476	197.398	2.12500	0.000000E+00
1477	197.398	5.62500	-1.00000
1478	205.850	2.12500	0.000000E+00
1479	197.398	5.62500	0.000000E+00
1480	205.850	9.12500	0.000000E+00
1481	197.565	9.12500	0.000000E+00
1482	197.565	10.5000	0.000000E+00
1483	198.565	3.12500	0.000000E+00
1484	208.279	0.000000E+00	0.000000E+00
1485	198.565	6.62500	0.000000E+00
1486	208.279	0.750000	0.000000E+00
1487	198.565	10.1250	0.000000E+00
1488	208.279	2.12500	-1.00000
1489	208.279	2.12500	0.000000E+00
1490	199.993	0.000000E+00	0.000000E+00
1491	199.993	0.750000	0.000000E+00
1492	199.827	2.12500	0.000000E+00
1493	199.827	5.62500	0.000000E+00
1494	199.993	9.12500	0.000000E+00
1495	199.993	10.5000	0.000000E+00
1496	200.994	3.12500	0.000000E+00
1497	203.422	5.62500	0.000000E+00
1498	200.994	6.62500	0.000000E+00

1499	200.994	10.1250	0.000000E+00
1500	208.279	9.12500	-1.00000
1501	208.279	9.12500	0.000000E+00
1502	202.422	0.000000E+00	0.000000E+00
1503	208.279	10.5000	0.000000E+00
1504	202.422	0.750000	0.000000E+00
1505	208.279	11.2500	0.000000E+00
1506	203.422	5.62500	-1.00000
1507	202.255	2.12500	-1.00000
1508	202.255	2.12500	0.000000E+00
1509	209.430	2.12500	0.000000E+00
1510	202.255	5.62500	-1.00000
1511	209.430	9.12500	0.000000E+00
1512	202.255	5.62500	0.000000E+00
1513	202.422	9.12500	0.000000E+00
1514	202.422	10.5000	0.000000E+00
1515	210.708	2.12500	0.000000E+00
1516	203.422	3.12500	0.000000E+00
1517	210.708	9.12500	0.000000E+00
1518	203.422	6.62500	0.000000E+00
1519	203.422	10.1250	0.000000E+00
1520	204.851	0.000000E+00	0.000000E+00
1521	213.136	0.000000E+00	0.000000E+00
1522	204.851	0.750000	0.000000E+00
1523	213.136	0.750000	0.000000E+00
1524	204.684	2.12500	0.000000E+00
1525	213.136	2.12500	-1.00000
1526	213.136	2.12500	0.000000E+00
1527	204.684	5.62500	0.000000E+00
1528	204.851	9.12500	0.000000E+00
1529	204.851	10.5000	0.000000E+00
1530	205.850	3.12500	0.000000E+00
1531	208.279	5.62500	0.000000E+00
1532	205.850	6.62500	0.000000E+00
1533	205.850	10.1250	0.000000E+00
1534	207.279	0.000000E+00	0.000000E+00
1535	207.279	0.750000	0.000000E+00
1536	208.279	5.62500	-1.00000
1537	213.136	9.12500	-1.00000
1538	213.136	9.12500	0.000000E+00
1539	207.112	2.12500	-1.00000
1540	213.136	10.5000	0.000000E+00
1541	207.112	2.12500	0.000000E+00
1542	213.136	11.2500	0.000000E+00
1543	207.112	5.62500	-1.00000
1544	207.112	5.62500	0.000000E+00
1545	207.279	9.12500	0.000000E+00
1546	215.564	2.12500	0.000000E+00
1547	207.279	10.5000	0.000000E+00
1548	215.564	9.12500	0.000000E+00
1549	208.279	3.12500	0.000000E+00
1550	208.279	6.62500	0.000000E+00
1551	208.279	10.1250	0.000000E+00
1552	217.993	0.000000E+00	0.000000E+00
1553	209.430	3.12500	0.000000E+00
1554	217.993	0.750000	0.000000E+00
1555	209.430	6.62500	0.000000E+00
1556	217.993	2.12500	-1.00000
1557	217.993	2.12500	0.000000E+00
1558	209.430	10.1250	0.000000E+00
1559	209.707	0.000000E+00	0.000000E+00
1560	209.707	0.750000	0.000000E+00
1561	209.541	2.12500	0.000000E+00
1562	209.541	5.62500	0.000000E+00
1563	209.707	9.12500	0.000000E+00
1564	209.707	10.5000	0.000000E+00
1565	210.708	3.12500	0.000000E+00
1566	213.136	5.62500	0.000000E+00
1567	210.708	6.62500	0.000000E+00
1568	217.993	9.12500	-1.00000
1569	217.993	9.12500	0.000000E+00
1570	210.708	10.1250	0.000000E+00
1571	217.993	10.5000	0.000000E+00
1572	212.136	0.000000E+00	0.000000E+00
1573	217.993	11.2500	0.000000E+00
1574	212.136	0.750000	0.000000E+00
1575	213.136	5.62500	-1.00000
1576	211.969	2.12500	-1.00000
1577	220.422	2.12500	0.000000E+00
1578	211.969	2.12500	0.000000E+00
1579	220.422	9.12500	0.000000E+00
1580	211.969	5.62500	-1.00000
1581	211.969	5.62500	0.000000E+00
1582	212.136	9.12500	0.000000E+00
1583	221.697	2.12500	0.000000E+00
1584	212.136	10.5000	0.000000E+00
1585	221.697	9.12500	0.000000E+00
1586	213.136	3.12500	0.000000E+00
1587	213.136	6.62500	0.000000E+00
1588	213.136	10.1250	0.000000E+00
1589	222.850	0.000000E+00	0.000000E+00
1590	214.564	0.000000E+00	0.000000E+00
1591	222.850	0.750000	0.000000E+00
1592	214.564	0.750000	0.000000E+00
1593	222.850	2.12500	-1.00000
1594	222.850	2.12500	0.000000E+00
1595	214.398	2.12500	0.000000E+00
1596	214.398	5.62500	0.000000E+00
1597	214.564	9.12500	0.000000E+00
1598	214.564	10.5000	0.000000E+00
1599	215.564	3.12500	0.000000E+00
1600	217.993	5.62500	0.000000E+00
1601	215.564	6.62500	0.000000E+00
1602	215.564	10.1250	0.000000E+00
1603	216.993	0.000000E+00	0.000000E+00

1604	216.993	0.750000	0.000000E+00
1605	222.850	9.12500	-1.00000
1606	222.850	9.12500	0.000000E+00
1607	217.993	5.62500	-1.00000
1608	222.850	10.5000	0.000000E+00
1609	216.826	2.12500	-1.00000
1610	222.850	11.2500	0.000000E+00
1611	216.826	2.12500	0.000000E+00
1612	216.826	5.62500	-1.00000
1613	216.826	5.62500	0.000000E+00
1614	225.278	2.12500	0.000000E+00
1615	216.993	9.12500	0.000000E+00
1616	225.278	9.12500	0.000000E+00
1617	216.993	10.5000	0.000000E+00
1618	217.993	3.12500	0.000000E+00
1619	217.993	6.62500	0.000000E+00
1620	227.707	0.000000E+00	0.000000E+00
1621	217.993	10.1250	0.000000E+00
1622	227.707	0.750000	0.000000E+00
1623	219.421	0.000000E+00	0.000000E+00
1624	180.137	9.12500	-2.50000
1625	179.137	10.1250	-2.50000
1626	227.707	2.12500	-1.00000
1627	227.707	2.12500	0.000000E+00
1628	219.421	0.750000	0.000000E+00
1629	219.255	2.12500	0.000000E+00
1630	219.255	5.62500	0.000000E+00
1631	219.421	9.12500	0.000000E+00
1632	228.707	2.12500	-2.50000
1633	227.707	3.12500	-2.50000
1634	219.421	10.5000	0.000000E+00
1635	220.422	3.12500	0.000000E+00
1636	220.422	6.62500	0.000000E+00
1637	220.422	10.1250	0.000000E+00
1638	221.697	3.12500	0.000000E+00
1639	222.850	5.62500	0.000000E+00
1640	228.707	9.12500	-2.50000
1641	227.707	10.1250	-2.50000
1642	227.707	9.12500	-1.00000
1643	227.707	9.12500	0.000000E+00
1644	221.697	6.62500	0.000000E+00
1645	227.707	10.5000	0.000000E+00
1646	221.697	10.1250	0.000000E+00
1647	227.707	11.2500	0.000000E+00
1648	221.850	0.000000E+00	0.000000E+00
1649	221.850	0.750000	0.000000E+00
1650	222.850	5.62500	-1.00000
1651	230.136	2.12500	0.000000E+00
1652	221.683	2.12500	-1.00000
1653	230.136	9.12500	0.000000E+00
1654	221.683	2.12500	0.000000E+00
1655	221.683	5.62500	-1.00000
1656	221.683	5.62500	0.000000E+00
1657	232.565	0.000000E+00	0.000000E+00
1658	221.850	9.12500	0.000000E+00
1659	232.565	0.750000	0.000000E+00
1660	221.850	10.5000	0.000000E+00
1661	232.565	2.12500	-1.00000
1662	232.565	2.12500	0.000000E+00
1663	222.850	3.12500	0.000000E+00
1664	222.850	6.62500	0.000000E+00
1665	222.850	10.1250	0.000000E+00
1666	224.279	0.000000E+00	0.000000E+00
1667	224.279	0.750000	0.000000E+00
1668	224.112	2.12500	0.000000E+00
1669	224.112	5.62500	0.000000E+00
1670	224.279	9.12500	0.000000E+00
1671	224.279	10.5000	0.000000E+00
1672	225.278	3.12500	0.000000E+00
1673	232.565	9.12500	-1.00000
1674	232.565	9.12500	0.000000E+00
1675	227.707	5.62500	0.000000E+00
1676	232.565	10.5000	0.000000E+00
1677	225.278	6.62500	0.000000E+00
1678	232.565	11.2500	0.000000E+00
1679	225.278	10.1250	0.000000E+00
1680	226.707	0.000000E+00	0.000000E+00
1681	226.707	0.750000	0.000000E+00
1682	233.716	2.12500	0.000000E+00
1683	227.707	5.62500	-1.00000
1684	233.716	9.12500	0.000000E+00
1685	226.540	2.12500	-1.00000
1686	226.540	2.12500	0.000000E+00
1687	226.540	5.62500	-1.00000
1688	234.994	2.12500	0.000000E+00
1689	226.540	5.62500	0.000000E+00
1690	234.994	9.12500	0.000000E+00
1691	226.707	9.12500	0.000000E+00
1692	226.707	10.5000	0.000000E+00
1693	227.707	3.12500	0.000000E+00
1694	237.423	0.000000E+00	0.000000E+00
1695	227.707	6.62500	0.000000E+00
1696	237.423	0.750000	0.000000E+00
1697	227.707	10.1250	0.000000E+00
1698	237.423	2.12500	-1.00000
1699	237.423	2.12500	0.000000E+00
1700	229.136	0.000000E+00	0.000000E+00
1701	229.136	0.750000	0.000000E+00
1702	228.969	2.12500	0.000000E+00
1703	228.969	5.62500	0.000000E+00
1704	229.136	9.12500	0.000000E+00
1705	229.136	10.5000	0.000000E+00
1706	230.136	3.12500	0.000000E+00
1707	232.565	5.62500	0.000000E+00
1708	230.136	6.62500	0.000000E+00

1709	230.136	10.1250	0.000000E+00
1710	237.423	9.12500	-1.00000
1711	237.423	9.12500	0.000000E+00
1712	231.565	0.000000E+00	0.000000E+00
1713	237.423	10.5000	0.000000E+00
1714	231.565	0.750000	0.000000E+00
1715	237.423	11.2500	0.000000E+00
1716	232.565	5.62500	-1.00000
1717	231.398	2.12500	-1.00000
1718	231.398	2.12500	0.000000E+00
1719	239.852	2.12500	0.000000E+00
1720	231.398	5.62500	-1.00000
1721	239.852	9.12500	0.000000E+00
1722	231.398	5.62500	0.000000E+00
1723	231.565	9.12500	0.000000E+00
1724	231.565	10.5000	0.000000E+00
1725	242.281	0.000000E+00	0.000000E+00
1726	232.565	3.12500	0.000000E+00
1727	242.281	0.750000	0.000000E+00
1728	232.565	6.62500	0.000000E+00
1729	242.281	2.12500	-1.00000
1730	242.281	2.12500	0.000000E+00
1731	232.565	10.1250	0.000000E+00
1732	233.716	3.12500	0.000000E+00
1733	233.716	6.62500	0.000000E+00
1734	233.716	10.1250	0.000000E+00
1735	233.994	0.000000E+00	0.000000E+00
1736	233.994	0.750000	0.000000E+00
1737	233.827	2.12500	0.000000E+00
1738	233.827	5.62500	0.000000E+00
1739	233.994	9.12500	0.000000E+00
1740	233.994	10.5000	0.000000E+00
1741	242.281	9.12500	-1.00000
1742	242.281	9.12500	0.000000E+00
1743	234.994	3.12500	0.000000E+00
1744	242.281	10.5000	0.000000E+00
1745	237.423	5.62500	0.000000E+00
1746	242.281	11.2500	0.000000E+00
1747	234.994	6.62500	0.000000E+00
1748	234.994	10.1250	0.000000E+00
1749	236.423	0.000000E+00	0.000000E+00
1750	244.710	2.12500	0.000000E+00
1751	236.423	0.750000	0.000000E+00
1752	244.710	9.12500	0.000000E+00
1753	237.423	5.62500	-1.00000
1754	236.256	2.12500	-1.00000
1755	236.256	2.12500	0.000000E+00
1756	245.987	2.12500	0.000000E+00
1757	236.256	5.62500	-1.00000
1758	245.987	9.12500	0.000000E+00
1759	236.256	5.62500	0.000000E+00
1760	236.423	9.12500	0.000000E+00
1761	236.423	10.5000	0.000000E+00
1762	247.139	0.000000E+00	0.000000E+00
1763	237.423	3.12500	0.000000E+00
1764	247.139	0.750000	0.000000E+00
1765	237.423	6.62500	0.000000E+00
1766	247.139	2.12500	-1.00000
1767	247.139	2.12500	0.000000E+00
1768	237.423	10.1250	0.000000E+00
1769	238.852	0.000000E+00	0.000000E+00
1770	238.852	0.750000	0.000000E+00
1771	238.685	2.12500	0.000000E+00
1772	238.685	5.62500	0.000000E+00
1773	238.852	9.12500	0.000000E+00
1774	238.852	10.5000	0.000000E+00
1775	239.852	3.12500	0.000000E+00
1776	242.281	5.62500	0.000000E+00
1777	239.852	6.62500	0.000000E+00
1778	247.139	9.12500	-1.00000
1779	247.139	9.12500	0.000000E+00
1780	239.852	10.1250	0.000000E+00
1781	247.139	10.5000	0.000000E+00
1782	241.281	0.000000E+00	0.000000E+00
1783	247.139	11.2500	0.000000E+00
1784	241.281	0.750000	0.000000E+00
1785	242.281	5.62500	-1.00000
1786	241.114	2.12500	-1.00000
1787	249.568	2.12500	0.000000E+00
1788	241.114	2.12500	0.000000E+00
1789	249.568	9.12500	0.000000E+00
1790	241.114	5.62500	-1.00000
1791	241.114	5.62500	0.000000E+00
1792	241.281	9.12500	0.000000E+00
1793	251.997	0.000000E+00	0.000000E+00
1794	241.281	10.5000	0.000000E+00
1795	251.997	0.750000	0.000000E+00
1796	242.281	3.12500	0.000000E+00
1797	251.997	2.12500	-1.00000
1798	251.997	2.12500	0.000000E+00
1799	242.281	6.62500	0.000000E+00
1800	242.281	10.1250	0.000000E+00
1801	243.710	0.000000E+00	0.000000E+00
1802	243.710	0.750000	0.000000E+00
1803	243.543	2.12500	0.000000E+00
1804	243.543	5.62500	0.000000E+00
1805	243.710	9.12500	0.000000E+00
1806	243.710	10.5000	0.000000E+00
1807	244.710	3.12500	0.000000E+00
1808	244.710	6.62500	0.000000E+00
1809	251.997	9.12500	-1.00000
1810	251.997	9.12500	0.000000E+00
1811	244.710	10.1250	0.000000E+00
1812	251.997	10.5000	0.000000E+00
1813	245.987	3.12500	0.000000E+00



1814	251.997	11.2500	0.000000E+00
1815	247.139	5.62500	0.000000E+00
1816	245.987	6.62500	0.000000E+00
1817	245.987	10.1250	0.000000E+00
1818	254.426	2.12500	0.000000E+00
1819	246.139	0.000000E+00	0.000000E+00
1820	254.426	9.12500	0.000000E+00
1821	246.139	0.750000	0.000000E+00
1822	247.139	5.62500	-1.00000
1823	245.972	2.12500	-1.00000
1824	256.855	0.000000E+00	0.000000E+00
1825	245.972	2.12500	0.000000E+00
1826	256.855	0.750000	0.000000E+00
1827	245.972	5.62500	-1.00000
1828	256.855	2.12500	-1.00000
1829	256.855	2.12500	0.000000E+00
1830	245.972	5.62500	0.000000E+00
1831	246.139	9.12500	0.000000E+00
1832	246.139	10.5000	0.000000E+00
1833	247.139	3.12500	0.000000E+00
1834	247.139	6.62500	0.000000E+00
1835	247.139	10.1250	0.000000E+00
1836	248.568	0.000000E+00	0.000000E+00
1837	248.568	0.750000	0.000000E+00
1838	248.401	2.12500	0.000000E+00
1839	248.401	5.62500	0.000000E+00
1840	256.855	9.12500	-1.00000
1841	256.855	9.12500	0.000000E+00
1842	248.568	9.12500	0.000000E+00
1843	256.855	10.5000	0.000000E+00
1844	248.568	10.5000	0.000000E+00
1845	256.855	11.2500	0.000000E+00
1846	249.568	3.12500	0.000000E+00
1847	251.997	5.62500	0.000000E+00
1848	249.568	6.62500	0.000000E+00
1849	258.007	2.12500	0.000000E+00
1850	249.568	10.1250	0.000000E+00
1851	258.007	9.12500	0.000000E+00
1852	250.997	0.000000E+00	0.000000E+00
1853	250.997	0.750000	0.000000E+00
1854	251.997	5.62500	-1.00000
1855	259.284	2.12500	0.000000E+00
1856	250.830	2.12500	-1.00000
1857	259.284	9.12500	0.000000E+00
1858	250.830	2.12500	0.000000E+00
1859	250.830	5.62500	-1.00000
1860	250.830	5.62500	0.000000E+00
1861	261.713	0.000000E+00	0.000000E+00
1862	250.997	9.12500	0.000000E+00
1863	261.713	0.750000	0.000000E+00
1864	250.997	10.5000	0.000000E+00
1865	261.713	2.12500	-1.00000
1866	261.713	2.12500	0.000000E+00
1867	251.997	3.12500	0.000000E+00
1868	251.997	6.62500	0.000000E+00
1869	251.997	10.1250	0.000000E+00
1870	253.426	0.000000E+00	0.000000E+00
1871	253.426	0.750000	0.000000E+00
1872	253.259	2.12500	0.000000E+00
1873	253.259	5.62500	0.000000E+00
1874	253.426	9.12500	0.000000E+00
1875	253.426	10.5000	0.000000E+00
1876	254.426	3.12500	0.000000E+00
1877	261.713	9.12500	-1.00000
1878	261.713	9.12500	0.000000E+00
1879	256.855	5.62500	0.000000E+00
1880	261.713	10.5000	0.000000E+00
1881	254.426	6.62500	0.000000E+00
1882	261.713	11.2500	0.000000E+00
1883	254.426	10.1250	0.000000E+00
1884	255.855	0.000000E+00	0.000000E+00
1885	255.855	0.750000	0.000000E+00
1886	264.142	2.12500	0.000000E+00
1887	256.855	5.62500	-1.00000
1888	264.142	9.12500	0.000000E+00
1889	255.688	2.12500	-1.00000
1890	255.688	2.12500	0.000000E+00
1891	255.688	5.62500	-1.00000
1892	266.571	0.000000E+00	0.000000E+00
1893	255.688	5.62500	0.000000E+00
1894	266.571	0.750000	0.000000E+00
1895	255.855	9.12500	0.000000E+00
1896	266.571	2.12500	-1.00000
1897	266.571	2.12500	0.000000E+00
1898	255.855	10.5000	0.000000E+00
1899	256.855	3.12500	0.000000E+00
1900	256.855	6.62500	0.000000E+00
1901	256.855	10.1250	0.000000E+00
1902	258.007	3.12500	0.000000E+00
1903	258.007	6.62500	0.000000E+00
1904	258.007	10.1250	0.000000E+00
1905	258.284	0.000000E+00	0.000000E+00
1906	258.284	0.750000	0.000000E+00
1907	258.117	2.12500	0.000000E+00
1908	266.571	9.12500	-1.00000
1909	266.571	9.12500	0.000000E+00
1910	258.117	5.62500	0.000000E+00
1911	266.571	10.5000	0.000000E+00
1912	258.284	9.12500	0.000000E+00
1913	266.571	11.2500	0.000000E+00
1914	258.284	10.5000	0.000000E+00
1915	259.284	3.12500	0.000000E+00
1916	261.713	5.62500	0.000000E+00
1917	269.000	2.12500	0.000000E+00
1918	259.284	6.62500	0.000000E+00

1919	269.000	9.12500	0.000000E+00
1920	259.284	10.1250	0.000000E+00
1921	260.713	0.000000E+00	0.000000E+00
1922	260.713	0.750000	0.000000E+00
1923	270.278	2.12500	0.000000E+00
1924	261.713	5.62500	-1.00000
1925	270.278	9.12500	0.000000E+00
1926	260.546	2.12500	-1.00000
1927	260.546	2.12500	0.000000E+00
1928	260.546	5.62500	-1.00000
1929	271.429	0.000000E+00	0.000000E+00
1930	260.546	5.62500	0.000000E+00
1931	271.429	0.750000	0.000000E+00
1932	260.713	9.12500	0.000000E+00
1933	271.429	2.12500	-1.00000
1934	271.429	2.12500	0.000000E+00
1935	260.713	10.5000	0.000000E+00
1936	261.713	3.12500	0.000000E+00
1937	261.713	6.62500	0.000000E+00
1938	261.713	10.1250	0.000000E+00
1939	263.142	0.000000E+00	0.000000E+00
1940	263.142	0.750000	0.000000E+00
1941	262.975	2.12500	0.000000E+00
1942	262.975	5.62500	0.000000E+00
1943	263.142	9.12500	0.000000E+00
1944	263.142	10.5000	0.000000E+00
1945	271.429	9.12500	-1.00000
1946	271.429	9.12500	0.000000E+00
1947	264.142	3.12500	0.000000E+00
1948	271.429	10.5000	0.000000E+00
1949	266.571	5.62500	0.000000E+00
1950	271.429	11.2500	0.000000E+00
1951	264.142	6.62500	0.000000E+00
1952	264.142	10.1250	0.000000E+00
1953	265.571	0.000000E+00	0.000000E+00
1954	273.858	2.12500	0.000000E+00
1955	265.571	0.750000	0.000000E+00
1956	273.858	9.12500	0.000000E+00
1957	266.571	5.62500	-1.00000
1958	265.404	2.12500	-1.00000
1959	265.404	2.12500	0.000000E+00
1960	276.287	0.000000E+00	0.000000E+00
1961	265.404	5.62500	-1.00000
1962	276.287	0.750000	0.000000E+00
1963	265.404	5.62500	0.000000E+00
1964	277.287	2.12500	-2.50000
1965	276.287	3.12500	-2.50000
1966	276.287	2.12500	-1.00000
1967	276.287	2.12500	0.000000E+00
1968	265.571	9.12500	0.000000E+00
1969	265.571	10.5000	0.000000E+00
1970	266.571	3.12500	0.000000E+00
1971	266.571	6.62500	0.000000E+00
1972	277.287	9.12500	-2.50000
1973	276.287	10.1250	-2.50000
1974	266.571	10.1250	0.000000E+00
1975	268.000	0.000000E+00	0.000000E+00
1976	268.000	0.750000	0.000000E+00
1977	267.833	2.12500	0.000000E+00
1978	267.833	5.62500	0.000000E+00
1979	268.000	9.12500	0.000000E+00
1980	325.877	2.12500	-2.50000
1981	324.877	3.12500	-2.50000
1982	276.287	9.12500	-1.00000
1983	276.287	9.12500	0.000000E+00
1984	268.000	10.5000	0.000000E+00
1985	276.287	10.5000	0.000000E+00
1986	269.000	3.12500	0.000000E+00
1987	276.287	11.2500	0.000000E+00
1988	269.000	6.62500	0.000000E+00
1989	269.000	10.1250	0.000000E+00
1990	270.278	3.12500	0.000000E+00
1991	278.717	2.12500	0.000000E+00
1992	271.429	5.62500	0.000000E+00
1993	278.717	9.12500	0.000000E+00
1994	270.278	6.62500	0.000000E+00
1995	270.278	10.1250	0.000000E+00
1996	270.429	0.000000E+00	0.000000E+00
1997	281.146	0.000000E+00	0.000000E+00
1998	270.429	0.750000	0.000000E+00
1999	281.146	0.750000	0.000000E+00
2000	271.429	5.62500	-1.00000
2001	281.146	2.12500	-1.00000
2002	281.146	2.12500	0.000000E+00
2003	270.262	2.12500	-1.00000
2004	270.262	2.12500	0.000000E+00
2005	270.262	5.62500	-1.00000
2006	270.262	5.62500	0.000000E+00
2007	270.429	9.12500	0.000000E+00
2008	270.429	10.5000	0.000000E+00
2009	271.429	3.12500	0.000000E+00
2010	271.429	6.62500	0.000000E+00
2011	271.429	10.1250	0.000000E+00
2012	272.858	0.000000E+00	0.000000E+00
2013	281.146	9.12500	-1.00000
2014	281.146	9.12500	0.000000E+00
2015	272.858	0.750000	0.000000E+00
2016	281.146	10.5000	0.000000E+00
2017	272.691	2.12500	0.000000E+00
2018	281.146	11.2500	0.000000E+00
2019	272.691	5.62500	0.000000E+00
2020	272.858	9.12500	0.000000E+00
2021	272.858	10.5000	0.000000E+00
2022	282.298	2.12500	0.000000E+00
2023	273.858	3.12500	0.000000E+00

2024	282.298	9.12500	0.000000E+00
2025	276.287	5.62500	0.000000E+00
2026	273.858	6.62500	0.000000E+00
2027	273.858	10.1250	0.000000E+00
2028	283.575	2.12500	0.000000E+00
2029	275.287	0.000000E+00	0.000000E+00
2030	283.575	9.12500	0.000000E+00
2031	275.287	0.750000	0.000000E+00
2032	276.287	5.62500	-1.00000
2033	275.120	2.12500	-1.00000
2034	286.005	0.000000E+00	0.000000E+00
2035	275.120	2.12500	0.000000E+00
2036	286.005	0.750000	0.000000E+00
2037	275.120	5.62500	-1.00000
2038	286.005	2.12500	-1.00000
2039	286.005	2.12500	0.000000E+00
2040	275.120	5.62500	0.000000E+00
2041	275.287	9.12500	0.000000E+00
2042	275.287	10.5000	0.000000E+00
2043	276.287	3.12500	0.000000E+00
2044	276.287	6.62500	0.000000E+00
2045	276.287	10.1250	0.000000E+00
2046	277.716	0.000000E+00	0.000000E+00
2047	277.716	0.750000	0.000000E+00
2048	277.550	2.12500	0.000000E+00
2049	277.550	5.62500	0.000000E+00
2050	286.005	9.12500	-1.00000
2051	286.005	9.12500	0.000000E+00
2052	277.716	9.12500	0.000000E+00
2053	286.005	10.5000	0.000000E+00
2054	277.716	10.5000	0.000000E+00
2055	286.005	11.2500	0.000000E+00
2056	278.717	3.12500	0.000000E+00
2057	281.146	5.62500	0.000000E+00
2058	278.717	6.62500	0.000000E+00
2059	288.434	2.12500	0.000000E+00
2060	278.717	10.1250	0.000000E+00
2061	288.434	9.12500	0.000000E+00
2062	280.146	0.000000E+00	0.000000E+00
2063	280.146	0.750000	0.000000E+00
2064	281.146	5.62500	-1.00000
2065	290.864	0.000000E+00	0.000000E+00
2066	279.979	2.12500	-1.00000
2067	290.864	0.750000	0.000000E+00
2068	279.979	2.12500	0.000000E+00
2069	290.864	2.12500	-1.00000
2070	290.864	2.12500	0.000000E+00
2071	279.979	5.62500	-1.00000
2072	279.979	5.62500	0.000000E+00
2073	280.146	9.12500	0.000000E+00
2074	280.146	10.5000	0.000000E+00
2075	281.146	3.12500	0.000000E+00
2076	281.146	6.62500	0.000000E+00
2077	281.146	10.1250	0.000000E+00
2078	282.298	3.12500	0.000000E+00
2079	282.298	6.62500	0.000000E+00
2080	282.298	10.1250	0.000000E+00
2081	290.864	9.12500	-1.00000
2082	290.864	9.12500	0.000000E+00
2083	282.575	0.000000E+00	0.000000E+00
2084	290.864	10.5000	0.000000E+00
2085	282.575	0.750000	0.000000E+00
2086	290.864	11.2500	0.000000E+00
2087	282.409	2.12500	0.000000E+00
2088	282.409	5.62500	0.000000E+00
2089	282.575	9.12500	0.000000E+00
2090	293.293	2.12500	0.000000E+00
2091	282.575	10.5000	0.000000E+00
2092	293.293	9.12500	0.000000E+00
2093	283.575	3.12500	0.000000E+00
2094	286.005	5.62500	0.000000E+00
2095	283.575	6.62500	0.000000E+00
2096	294.571	2.12500	0.000000E+00
2097	283.575	10.1250	0.000000E+00
2098	294.571	9.12500	0.000000E+00
2099	285.005	0.000000E+00	0.000000E+00
2100	285.005	0.750000	0.000000E+00
2101	286.005	5.62500	-1.00000
2102	295.723	0.000000E+00	0.000000E+00
2103	284.838	2.12500	-1.00000
2104	295.723	0.750000	0.000000E+00
2105	284.838	2.12500	0.000000E+00
2106	295.723	2.12500	-1.00000
2107	295.723	2.12500	0.000000E+00
2108	284.838	5.62500	-1.00000
2109	284.838	5.62500	0.000000E+00
2110	285.005	9.12500	0.000000E+00
2111	285.005	10.5000	0.000000E+00
2112	286.005	3.12500	0.000000E+00
2113	286.005	6.62500	0.000000E+00
2114	286.005	10.1250	0.000000E+00
2115	287.434	0.000000E+00	0.000000E+00
2116	287.434	0.750000	0.000000E+00
2117	287.268	2.12500	0.000000E+00
2118	295.723	9.12500	-1.00000
2119	295.723	9.12500	0.000000E+00
2120	287.268	5.62500	0.000000E+00
2121	295.723	10.5000	0.000000E+00
2122	287.434	9.12500	0.000000E+00
2123	295.723	11.2500	0.000000E+00
2124	287.434	10.5000	0.000000E+00
2125	288.434	3.12500	0.000000E+00
2126	290.864	5.62500	0.000000E+00
2127	298.152	2.12500	0.000000E+00
2128	288.434	6.62500	0.000000E+00

2129	298.152	9.12500	0.000000E+00
2130	288.434	10.1250	0.000000E+00
2131	289.864	0.000000E+00	0.000000E+00
2132	289.864	0.750000	0.000000E+00
2133	300.582	0.000000E+00	0.000000E+00
2134	290.864	5.62500	-1.00000
2135	300.582	0.750000	0.000000E+00
2136	289.697	2.12500	-1.00000
2137	300.582	2.12500	-1.00000
2138	300.582	2.12500	0.000000E+00
2139	289.697	2.12500	0.000000E+00
2140	289.697	5.62500	-1.00000
2141	289.697	5.62500	0.000000E+00
2142	289.864	9.12500	0.000000E+00
2143	289.864	10.5000	0.000000E+00
2144	290.864	3.12500	0.000000E+00
2145	290.864	6.62500	0.000000E+00
2146	290.864	10.1250	0.000000E+00
2147	292.293	0.000000E+00	0.000000E+00
2148	292.293	0.750000	0.000000E+00
2149	300.582	9.12500	-1.00000
2150	300.582	9.12500	0.000000E+00
2151	292.127	2.12500	0.000000E+00
2152	300.582	10.5000	0.000000E+00
2153	292.127	5.62500	0.000000E+00
2154	300.582	11.2500	0.000000E+00
2155	292.293	9.12500	0.000000E+00
2156	292.293	10.5000	0.000000E+00
2157	293.293	3.12500	0.000000E+00
2158	303.012	2.12500	0.000000E+00
2159	293.293	6.62500	0.000000E+00
2160	303.012	9.12500	0.000000E+00
2161	293.293	10.1250	0.000000E+00
2162	294.571	3.12500	0.000000E+00
2163	295.723	5.62500	0.000000E+00
2164	305.441	0.000000E+00	0.000000E+00
2165	294.571	6.62500	0.000000E+00
2166	305.441	0.750000	0.000000E+00
2167	294.571	10.1250	0.000000E+00
2168	305.441	2.12500	-1.00000
2169	305.441	2.12500	0.000000E+00
2170	294.723	0.000000E+00	0.000000E+00
2171	294.723	0.750000	0.000000E+00
2172	295.723	5.62500	-1.00000
2173	294.556	2.12500	-1.00000
2174	294.556	2.12500	0.000000E+00
2175	294.556	5.62500	-1.00000
2176	294.556	5.62500	0.000000E+00
2177	294.723	9.12500	0.000000E+00
2178	294.723	10.5000	0.000000E+00
2179	295.723	3.12500	0.000000E+00
2180	305.441	9.12500	-1.00000
2181	305.441	9.12500	0.000000E+00
2182	295.723	6.62500	0.000000E+00
2183	305.441	10.5000	0.000000E+00
2184	295.723	10.1250	0.000000E+00
2185	305.441	11.2500	0.000000E+00
2186	297.152	0.000000E+00	0.000000E+00
2187	297.152	0.750000	0.000000E+00
2188	296.986	2.12500	0.000000E+00
2189	306.593	2.12500	0.000000E+00
2190	296.986	5.62500	0.000000E+00
2191	306.593	9.12500	0.000000E+00
2192	297.152	9.12500	0.000000E+00
2193	297.152	10.5000	0.000000E+00
2194	298.152	3.12500	0.000000E+00
2195	307.870	2.12500	0.000000E+00
2196	300.582	5.62500	0.000000E+00
2197	307.870	9.12500	0.000000E+00
2198	298.152	6.62500	0.000000E+00
2199	298.152	10.1250	0.000000E+00
2200	299.582	0.000000E+00	0.000000E+00
2201	310.300	0.000000E+00	0.000000E+00
2202	299.582	0.750000	0.000000E+00
2203	310.300	0.750000	0.000000E+00
2204	300.582	5.62500	-1.00000
2205	310.300	2.12500	-1.00000
2206	310.300	2.12500	0.000000E+00
2207	299.415	2.12500	-1.00000
2208	299.415	2.12500	0.000000E+00
2209	299.415	5.62500	-1.00000
2210	299.415	5.62500	0.000000E+00
2211	299.582	9.12500	0.000000E+00
2212	299.582	10.5000	0.000000E+00
2213	300.582	3.12500	0.000000E+00
2214	300.582	6.62500	0.000000E+00
2215	300.582	10.1250	0.000000E+00
2216	302.012	0.000000E+00	0.000000E+00
2217	310.300	9.12500	-1.00000
2218	310.300	9.12500	0.000000E+00
2219	302.012	0.750000	0.000000E+00
2220	310.300	10.5000	0.000000E+00
2221	301.845	2.12500	0.000000E+00
2222	310.300	11.2500	0.000000E+00
2223	301.845	5.62500	0.000000E+00
2224	302.012	9.12500	0.000000E+00
2225	302.012	10.5000	0.000000E+00
2226	312.730	2.12500	0.000000E+00
2227	303.012	3.12500	0.000000E+00
2228	312.730	9.12500	0.000000E+00
2229	305.441	5.62500	0.000000E+00
2230	303.012	6.62500	0.000000E+00
2231	303.012	10.1250	0.000000E+00
2232	315.159	0.000000E+00	0.000000E+00
2233	304.441	0.000000E+00	0.000000E+00

2234	315.159	0.750000	0.000000E+00
2235	304.441	0.750000	0.000000E+00
2236	315.159	2.125000	-1.000000
2237	315.159	2.125000	0.000000E+00
2238	305.441	5.625000	-1.000000
2239	304.274	2.125000	-1.000000
2240	304.274	2.125000	0.000000E+00
2241	304.274	5.625000	-1.000000
2242	304.274	5.625000	0.000000E+00
2243	304.441	9.125000	0.000000E+00
2244	304.441	10.500000	0.000000E+00
2245	305.441	3.125000	0.000000E+00
2246	305.441	6.625000	0.000000E+00
2247	305.441	10.125000	0.000000E+00
2248	315.159	9.125000	-1.000000
2249	315.159	9.125000	0.000000E+00
2250	306.593	3.125000	0.000000E+00
2251	315.159	10.500000	0.000000E+00
2252	306.593	6.625000	0.000000E+00
2253	315.159	11.250000	0.000000E+00
2254	306.593	10.125000	0.000000E+00
2255	306.870	0.000000E+00	0.000000E+00
2256	306.870	0.750000	0.000000E+00
2257	317.588	2.125000	0.000000E+00
2258	306.704	2.125000	0.000000E+00
2259	317.588	9.125000	0.000000E+00
2260	306.704	5.625000	0.000000E+00
2261	306.870	9.125000	0.000000E+00
2262	306.870	10.500000	0.000000E+00
2263	318.866	2.125000	0.000000E+00
2264	307.870	3.125000	0.000000E+00
2265	318.866	9.125000	0.000000E+00
2266	310.300	5.625000	0.000000E+00
2267	307.870	6.625000	0.000000E+00
2268	307.870	10.125000	0.000000E+00
2269	320.018	0.000000E+00	0.000000E+00
2270	309.300	0.000000E+00	0.000000E+00
2271	320.018	0.750000	0.000000E+00
2272	309.300	0.750000	0.000000E+00
2273	320.018	2.125000	-1.000000
2274	320.018	2.125000	0.000000E+00
2275	310.300	5.625000	-1.000000
2276	309.133	2.125000	-1.000000
2277	309.133	2.125000	0.000000E+00
2278	309.133	5.625000	-1.000000
2279	309.133	5.625000	0.000000E+00
2280	309.300	9.125000	0.000000E+00
2281	309.300	10.500000	0.000000E+00
2282	310.300	3.125000	0.000000E+00
2283	310.300	6.625000	0.000000E+00
2284	310.300	10.125000	0.000000E+00
2285	320.018	9.125000	-1.000000
2286	320.018	9.125000	0.000000E+00
2287	311.729	0.000000E+00	0.000000E+00
2288	320.018	10.500000	0.000000E+00
2289	311.729	0.750000	0.000000E+00
2290	320.018	11.250000	0.000000E+00
2291	311.563	2.125000	0.000000E+00
2292	311.563	5.625000	0.000000E+00
2293	311.729	9.125000	0.000000E+00
2294	322.447	2.125000	0.000000E+00
2295	311.729	10.500000	0.000000E+00
2296	322.447	9.125000	0.000000E+00
2297	312.730	3.125000	0.000000E+00
2298	315.159	5.625000	0.000000E+00
2299	312.730	6.625000	0.000000E+00
2300	324.877	0.000000E+00	0.000000E+00
2301	312.730	10.125000	0.000000E+00
2302	324.877	0.750000	0.000000E+00
2303	314.159	0.000000E+00	0.000000E+00
2304	325.877	9.125000	-2.500000
2305	324.877	10.125000	-2.500000
2306	324.877	2.125000	-1.000000
2307	324.877	2.125000	0.000000E+00
2308	314.159	0.750000	0.000000E+00
2309	315.159	5.625000	-1.000000
2310	313.992	2.125000	-1.000000
2311	313.992	2.125000	0.000000E+00
2312	374.578	2.125000	-2.500000
2313	373.578	3.125000	-2.500000
2314	313.992	5.625000	-1.000000
2315	313.992	5.625000	0.000000E+00
2316	314.159	9.125000	0.000000E+00
2317	314.159	10.500000	0.000000E+00
2318	315.159	3.125000	0.000000E+00
2319	315.159	6.625000	0.000000E+00
2320	374.578	9.125000	-2.500000
2321	373.578	10.125000	-2.500000
2322	324.877	9.125000	-1.000000
2323	324.877	9.125000	0.000000E+00
2324	315.159	10.125000	0.000000E+00
2325	324.877	10.500000	0.000000E+00
2326	316.589	0.000000E+00	0.000000E+00
2327	324.877	11.250000	0.000000E+00
2328	316.589	0.750000	0.000000E+00
2329	316.422	2.125000	0.000000E+00
2330	316.422	5.625000	0.000000E+00
2331	327.306	2.125000	0.000000E+00
2332	316.589	9.125000	0.000000E+00
2333	327.306	9.125000	0.000000E+00
2334	316.589	10.500000	0.000000E+00
2335	317.588	3.125000	0.000000E+00
2336	317.588	6.625000	0.000000E+00
2337	329.736	0.000000E+00	0.000000E+00
2338	317.588	10.125000	0.000000E+00

2339	329.736	0.750000	0.000000E+00
2340	318.866	3.12500	0.000000E+00
2341	329.736	2.12500	-1.00000
2342	329.736	2.12500	0.000000E+00
2343	320.018	5.62500	0.000000E+00
2344	318.866	6.62500	0.000000E+00
2345	318.866	10.1250	0.000000E+00
2346	319.018	0.000000E+00	0.000000E+00
2347	319.018	0.750000	0.000000E+00
2348	320.018	5.62500	-1.00000
2349	318.851	2.12500	-1.00000
2350	318.851	2.12500	0.000000E+00
2351	318.851	5.62500	-1.00000
2352	318.851	5.62500	0.000000E+00
2353	329.736	9.12500	-1.00000
2354	329.736	9.12500	0.000000E+00
2355	319.018	9.12500	0.000000E+00
2356	329.736	10.5000	0.000000E+00
2357	319.018	10.5000	0.000000E+00
2358	329.736	11.2500	0.000000E+00
2359	320.018	3.12500	0.000000E+00
2360	320.018	6.62500	0.000000E+00
2361	320.018	10.1250	0.000000E+00
2362	330.890	2.12500	0.000000E+00
2363	321.447	0.000000E+00	0.000000E+00
2364	330.890	9.12500	0.000000E+00
2365	321.447	0.750000	0.000000E+00
2366	321.281	2.12500	0.000000E+00
2367	321.281	5.62500	0.000000E+00
2368	332.165	2.12500	0.000000E+00
2369	321.447	9.12500	0.000000E+00
2370	332.165	9.12500	0.000000E+00
2371	321.447	10.5000	0.000000E+00
2372	322.447	3.12500	0.000000E+00
2373	324.877	5.62500	0.000000E+00
2374	332.182	2.12500	0.000000E+00
2375	322.447	6.62500	0.000000E+00
2376	332.182	9.12500	0.000000E+00
2377	322.447	10.1250	0.000000E+00
2378	323.877	0.000000E+00	0.000000E+00
2379	323.877	0.750000	0.000000E+00
2380	334.595	0.000000E+00	0.000000E+00
2381	324.877	5.62500	-1.00000
2382	334.595	0.750000	0.000000E+00
2383	323.710	2.12500	-1.00000
2384	334.595	2.12500	-1.00000
2385	334.595	2.12500	0.000000E+00
2386	323.710	2.12500	0.000000E+00
2387	323.710	5.62500	-1.00000
2388	323.710	5.62500	0.000000E+00
2389	323.877	9.12500	0.000000E+00
2390	323.877	10.5000	0.000000E+00
2391	324.877	3.12500	0.000000E+00
2392	324.877	6.62500	0.000000E+00
2393	324.877	10.1250	0.000000E+00
2394	326.307	0.000000E+00	0.000000E+00
2395	326.307	0.750000	0.000000E+00
2396	334.595	9.12500	-1.00000
2397	334.595	9.12500	0.000000E+00
2398	326.140	2.12500	0.000000E+00
2399	334.595	10.5000	0.000000E+00
2400	326.140	5.62500	0.000000E+00
2401	334.595	11.2500	0.000000E+00
2402	326.307	9.12500	0.000000E+00
2403	326.307	10.5000	0.000000E+00
2404	327.306	3.12500	0.000000E+00
2405	337.024	2.12500	0.000000E+00
2406	329.736	5.62500	0.000000E+00
2407	337.024	9.12500	0.000000E+00
2408	327.306	6.62500	0.000000E+00
2409	327.306	10.1250	0.000000E+00
2410	328.736	0.000000E+00	0.000000E+00
2411	339.454	0.000000E+00	0.000000E+00
2412	328.736	0.750000	0.000000E+00
2413	339.454	0.750000	0.000000E+00
2414	329.736	5.62500	-1.00000
2415	339.454	2.12500	-1.00000
2416	339.454	2.12500	0.000000E+00
2417	328.569	2.12500	-1.00000
2418	328.569	2.12500	0.000000E+00
2419	328.569	5.62500	-1.00000
2420	328.569	5.62500	0.000000E+00
2421	328.736	9.12500	0.000000E+00
2422	328.736	10.5000	0.000000E+00
2423	329.736	3.12500	0.000000E+00
2424	329.736	6.62500	0.000000E+00
2425	329.736	10.1250	0.000000E+00
2426	330.890	3.12500	0.000000E+00
2427	339.454	9.12500	-1.00000
2428	339.454	9.12500	0.000000E+00
2429	330.890	6.62500	0.000000E+00
2430	339.454	10.5000	0.000000E+00
2431	330.890	10.1250	0.000000E+00
2432	339.454	11.2500	0.000000E+00
2433	331.165	0.000000E+00	0.000000E+00
2434	331.165	0.750000	0.000000E+00
2435	330.999	2.12500	0.000000E+00
2436	341.883	2.12500	0.000000E+00
2437	330.999	5.62500	0.000000E+00
2438	341.883	9.12500	0.000000E+00
2439	331.165	9.12500	0.000000E+00
2440	331.165	10.5000	0.000000E+00
2441	332.165	3.12500	0.000000E+00
2442	343.163	2.12500	0.000000E+00
2443	332.165	6.62500	0.000000E+00

2444	343.163	9.12500	0.000000E+00
2445	332.165	10.1250	0.000000E+00
2446	332.182	3.12500	0.000000E+00
2447	334.595	5.62500	0.000000E+00
2448	344.313	0.000000E+00	0.000000E+00
2449	332.182	6.62500	0.000000E+00
2450	344.313	0.750000	0.000000E+00
2451	332.182	10.1250	0.000000E+00
2452	344.313	2.12500	-1.00000
2453	344.313	2.12500	0.000000E+00
2454	333.595	0.000000E+00	0.000000E+00
2455	333.595	0.750000	0.000000E+00
2456	334.595	5.62500	-1.00000
2457	333.428	2.12500	-1.00000
2458	333.428	2.12500	0.000000E+00
2459	333.428	5.62500	-1.00000
2460	333.428	5.62500	0.000000E+00
2461	333.595	9.12500	0.000000E+00
2462	333.595	10.5000	0.000000E+00
2463	334.595	3.12500	0.000000E+00
2464	344.313	9.12500	-1.00000
2465	344.313	9.12500	0.000000E+00
2466	334.595	6.62500	0.000000E+00
2467	344.313	10.5000	0.000000E+00
2468	334.595	10.1250	0.000000E+00
2469	344.313	11.2500	0.000000E+00
2470	336.024	0.000000E+00	0.000000E+00
2471	336.024	0.750000	0.000000E+00
2472	335.858	2.12500	0.000000E+00
2473	346.743	2.12500	0.000000E+00
2474	335.858	5.62500	0.000000E+00
2475	346.743	9.12500	0.000000E+00
2476	336.024	9.12500	0.000000E+00
2477	336.024	10.5000	0.000000E+00
2478	337.024	3.12500	0.000000E+00
2479	349.172	0.000000E+00	0.000000E+00
2480	339.454	5.62500	0.000000E+00
2481	349.172	0.750000	0.000000E+00
2482	337.024	6.62500	0.000000E+00
2483	349.172	2.12500	-1.00000
2484	349.172	2.12500	0.000000E+00
2485	337.024	10.1250	0.000000E+00
2486	338.454	0.000000E+00	0.000000E+00
2487	338.454	0.750000	0.000000E+00
2488	339.454	5.62500	-1.00000
2489	338.287	2.12500	-1.00000
2490	338.287	2.12500	0.000000E+00
2491	338.287	5.62500	-1.00000
2492	338.287	5.62500	0.000000E+00
2493	338.454	9.12500	0.000000E+00
2494	338.454	10.5000	0.000000E+00
2495	349.172	9.12500	-1.00000
2496	349.172	9.12500	0.000000E+00
2497	339.454	3.12500	0.000000E+00
2498	349.172	10.5000	0.000000E+00
2499	339.454	6.62500	0.000000E+00
2500	349.172	11.2500	0.000000E+00
2501	339.454	10.1250	0.000000E+00
2502	340.883	0.000000E+00	0.000000E+00
2503	340.883	0.750000	0.000000E+00
2504	351.601	2.12500	0.000000E+00
2505	340.717	2.12500	0.000000E+00
2506	351.601	9.12500	0.000000E+00
2507	340.717	5.62500	0.000000E+00
2508	340.883	9.12500	0.000000E+00
2509	340.883	10.5000	0.000000E+00
2510	354.031	0.000000E+00	0.000000E+00
2511	341.883	3.12500	0.000000E+00
2512	354.031	0.750000	0.000000E+00
2513	341.883	6.62500	0.000000E+00
2514	354.031	2.12500	-1.00000
2515	354.031	2.12500	0.000000E+00
2516	341.883	10.1250	0.000000E+00
2517	343.163	3.12500	0.000000E+00
2518	344.313	5.62500	0.000000E+00
2519	343.163	6.62500	0.000000E+00
2520	343.163	10.1250	0.000000E+00
2521	343.313	0.000000E+00	0.000000E+00
2522	343.313	0.750000	0.000000E+00
2523	344.313	5.62500	-1.00000
2524	343.146	2.12500	-1.00000
2525	343.146	2.12500	0.000000E+00
2526	354.031	9.12500	-1.00000
2527	354.031	9.12500	0.000000E+00
2528	343.146	5.62500	-1.00000
2529	354.031	10.5000	0.000000E+00
2530	343.146	5.62500	0.000000E+00
2531	354.031	11.2500	0.000000E+00
2532	343.313	9.12500	0.000000E+00
2533	343.313	10.5000	0.000000E+00
2534	344.313	3.12500	0.000000E+00
2535	355.186	2.12500	0.000000E+00
2536	344.313	6.62500	0.000000E+00
2537	355.186	9.12500	0.000000E+00
2538	344.313	10.1250	0.000000E+00
2539	345.742	0.000000E+00	0.000000E+00
2540	345.742	0.750000	0.000000E+00
2541	356.460	2.12500	0.000000E+00
2542	345.576	2.12500	0.000000E+00
2543	356.460	9.12500	0.000000E+00
2544	345.576	5.62500	0.000000E+00
2545	345.742	9.12500	0.000000E+00
2546	345.742	10.5000	0.000000E+00
2547	358.890	0.000000E+00	0.000000E+00
2548	346.743	3.12500	0.000000E+00

2549	358.890	0.750000	0.000000E+00
2550	349.172	5.62500	0.000000E+00
2551	358.890	2.12500	-1.00000
2552	358.890	2.12500	0.000000E+00
2553	346.743	6.62500	0.000000E+00
2554	346.743	10.1250	0.000000E+00
2555	348.172	0.000000E+00	0.000000E+00
2556	348.172	0.750000	0.000000E+00
2557	349.172	5.62500	-1.00000
2558	348.005	2.12500	-1.00000
2559	348.005	2.12500	0.000000E+00
2560	348.005	5.62500	-1.00000
2561	348.005	5.62500	0.000000E+00
2562	348.172	9.12500	0.000000E+00
2563	358.890	9.12500	-1.00000
2564	358.890	9.12500	0.000000E+00
2565	348.172	10.5000	0.000000E+00
2566	358.890	10.5000	0.000000E+00
2567	349.172	3.12500	0.000000E+00
2568	358.890	11.2500	0.000000E+00
2569	349.172	6.62500	0.000000E+00
2570	349.172	10.1250	0.000000E+00
2571	350.601	0.000000E+00	0.000000E+00
2572	361.320	2.12500	0.000000E+00
2573	350.601	0.750000	0.000000E+00
2574	361.320	9.12500	0.000000E+00
2575	350.435	2.12500	0.000000E+00
2576	350.435	5.62500	0.000000E+00
2577	350.601	9.12500	0.000000E+00
2578	363.749	0.000000E+00	0.000000E+00
2579	350.601	10.5000	0.000000E+00
2580	363.749	0.750000	0.000000E+00
2581	351.601	3.12500	0.000000E+00
2582	363.749	2.12500	-1.00000
2583	363.749	2.12500	0.000000E+00
2584	354.031	5.62500	0.000000E+00
2585	351.601	6.62500	0.000000E+00
2586	351.601	10.1250	0.000000E+00
2587	353.031	0.000000E+00	0.000000E+00
2588	353.031	0.750000	0.000000E+00
2589	354.031	5.62500	-1.00000
2590	352.864	2.12500	-1.00000
2591	352.864	2.12500	0.000000E+00
2592	352.864	5.62500	-1.00000
2593	352.864	5.62500	0.000000E+00
2594	363.749	9.12500	-1.00000
2595	363.749	9.12500	0.000000E+00
2596	353.031	9.12500	0.000000E+00
2597	363.749	10.5000	0.000000E+00
2598	353.031	10.5000	0.000000E+00
2599	363.749	11.2500	0.000000E+00
2600	354.031	3.12500	0.000000E+00
2601	354.031	6.62500	0.000000E+00
2602	354.031	10.1250	0.000000E+00
2603	365.704	2.12500	0.000000E+00
2604	355.186	3.12500	0.000000E+00
2605	365.704	9.12500	0.000000E+00
2606	355.186	6.62500	0.000000E+00
2607	355.186	10.1250	0.000000E+00
2608	355.460	0.000000E+00	0.000000E+00
2609	366.236	2.12500	0.000000E+00
2610	355.460	0.750000	0.000000E+00
2611	366.236	9.12500	0.000000E+00
2612	355.294	2.12500	0.000000E+00
2613	355.294	5.62500	0.000000E+00
2614	355.460	9.12500	0.000000E+00
2615	366.273	2.12500	0.000000E+00
2616	355.460	10.5000	0.000000E+00
2617	366.273	9.12500	0.000000E+00
2618	356.460	3.12500	0.000000E+00
2619	358.890	5.62500	0.000000E+00
2620	356.460	6.62500	0.000000E+00
2621	367.574	2.12500	0.000000E+00
2622	356.460	10.1250	0.000000E+00
2623	367.574	9.12500	0.000000E+00
2624	357.890	0.000000E+00	0.000000E+00
2625	357.890	0.750000	0.000000E+00
2626	358.890	5.62500	-1.00000
2627	368.723	-0.820000E-01	0.000000E+00
2628	357.723	2.12500	-1.00000
2629	368.723	0.668000	0.000000E+00
2630	357.723	2.12500	0.000000E+00
2631	368.723	2.12500	-1.00000
2632	368.723	2.12500	0.000000E+00
2633	357.723	5.62500	-1.00000
2634	357.723	5.62500	0.000000E+00
2635	357.890	9.12500	0.000000E+00
2636	357.890	10.5000	0.000000E+00
2637	358.890	3.12500	0.000000E+00
2638	358.890	6.62500	0.000000E+00
2639	358.890	10.1250	0.000000E+00
2640	360.320	0.000000E+00	0.000000E+00
2641	360.320	0.750000	0.000000E+00
2642	360.153	2.12500	0.000000E+00
2643	368.723	9.12500	-1.00000
2644	368.723	9.12500	0.000000E+00
2645	360.153	5.62500	0.000000E+00
2646	368.723	10.5820	0.000000E+00
2647	360.320	9.12500	0.000000E+00
2648	368.723	11.3320	0.000000E+00
2649	360.320	10.5000	0.000000E+00
2650	361.320	3.12500	0.000000E+00
2651	363.749	5.62500	0.000000E+00
2652	371.150	2.12500	0.000000E+00
2653	361.320	6.62500	0.000000E+00



2654	371.150	9.12500	0.000000E+00
2655	361.320	10.1250	0.000000E+00
2656	362.749	0.000000E+00	0.000000E+00
2657	362.749	0.750000	0.000000E+00
2658	373.578	-0.215000	0.000000E+00
2659	363.749	5.62500	-1.00000
2660	373.578	0.535000	0.000000E+00
2661	362.582	2.12500	-1.00000
2662	408.610	2.12500	-2.50000
2663	407.610	3.12500	-2.50000
2664	373.578	2.12500	-1.00000
2665	373.578	2.12500	0.000000E+00
2666	362.582	2.12500	0.000000E+00
2667	362.582	5.62500	-1.00000
2668	362.582	5.62500	0.000000E+00
2669	362.749	9.12500	0.000000E+00
2670	408.610	9.12500	-2.50000
2671	407.610	10.1250	-2.50000
2672	362.749	10.5000	0.000000E+00
2673	363.749	3.12500	0.000000E+00
2674	363.749	6.62500	0.000000E+00
2675	363.749	10.1250	0.000000E+00
2676	365.704	3.12500	0.000000E+00
2677	365.704	6.62500	0.000000E+00
2678	1.50000	5.62500	-2.50000
2679	0.500000	6.62500	-2.50000
2680	373.578	9.12500	-1.00000
2681	373.578	9.12500	0.000000E+00
2682	365.704	10.1250	0.000000E+00
2683	373.578	10.7150	0.000000E+00
2684	365.236	-0.410000E-01	0.000000E+00
2685	373.578	11.4650	0.000000E+00
2686	365.236	0.709000	0.000000E+00
2687	365.069	2.12500	0.000000E+00
2688	365.069	5.62500	0.000000E+00
2689	376.009	2.12500	0.000000E+00
2690	365.236	9.12500	0.000000E+00
2691	376.009	9.12500	0.000000E+00
2692	365.236	10.5410	0.000000E+00
2693	366.236	3.12500	0.000000E+00
2694	366.236	6.62500	0.000000E+00
2695	378.440	-0.347000	0.000000E+00
2696	366.236	10.1250	0.000000E+00
2697	378.440	0.403000	0.000000E+00
2698	366.273	3.12500	0.000000E+00
2699	378.440	2.12500	-1.00000
2700	378.440	2.12500	0.000000E+00
2701	366.273	6.62500	0.000000E+00
2702	366.273	10.1250	0.000000E+00
2703	367.574	3.12500	0.000000E+00
2704	368.723	5.62500	0.000000E+00
2705	367.574	6.62500	0.000000E+00
2706	367.574	10.1250	0.000000E+00
2707	367.723	-0.820000E-01	0.000000E+00
2708	367.723	0.668000	0.000000E+00
2709	368.723	5.62500	-1.00000
2710	367.556	2.12500	-1.00000
2711	378.440	9.12500	-1.00000
2712	378.440	9.12500	0.000000E+00
2713	367.556	2.12500	0.000000E+00
2714	378.440	10.8470	0.000000E+00
2715	367.556	5.62500	-1.00000
2716	378.440	11.5970	0.000000E+00
2717	367.556	5.62500	0.000000E+00
2718	367.723	9.12500	0.000000E+00
2719	367.723	10.5820	0.000000E+00
2720	379.584	2.12500	0.000000E+00
2721	368.723	3.12500	0.000000E+00
2722	379.584	9.12500	0.000000E+00
2723	368.723	6.62500	0.000000E+00
2724	368.723	10.1250	0.000000E+00
2725	370.151	-0.148500	0.000000E+00
2726	380.871	2.12500	0.000000E+00
2727	370.151	0.601500	0.000000E+00
2728	380.871	9.12500	0.000000E+00
2729	369.984	2.12500	0.000000E+00
2730	369.984	5.62500	0.000000E+00
2731	370.151	9.12500	0.000000E+00
2732	383.301	-0.490300	0.000000E+00
2733	370.151	10.6485	0.000000E+00
2734	383.301	0.259700	0.000000E+00
2735	371.150	3.12500	0.000000E+00
2736	383.301	2.12500	-1.00000
2737	383.301	2.12500	0.000000E+00
2738	373.578	5.62500	0.000000E+00
2739	371.150	6.62500	0.000000E+00
2740	371.150	10.1250	0.000000E+00
2741	372.578	-0.215000	0.000000E+00
2742	372.578	0.535000	0.000000E+00
2743	373.578	5.62500	-1.00000
2744	372.411	2.12500	-1.00000
2745	372.411	2.12500	0.000000E+00
2746	372.411	5.62500	-1.00000
2747	372.411	5.62500	0.000000E+00
2748	383.301	9.12500	-1.00000
2749	383.301	9.12500	0.000000E+00
2750	372.578	9.12500	0.000000E+00
2751	383.301	10.9903	0.000000E+00
2752	372.578	10.7150	0.000000E+00
2753	383.301	11.7403	0.000000E+00
2754	373.578	3.12500	0.000000E+00
2755	373.578	6.62500	0.000000E+00
2756	373.578	10.1250	0.000000E+00
2757	385.732	2.12500	0.000000E+00
2758	375.009	-0.281000	0.000000E+00

2759	385.732	9.12500	0.000000E+00
2760	375.009	0.469000	0.000000E+00
2761	374.842	2.12500	0.000000E+00
2762	374.842	5.62500	0.000000E+00
2763	388.163	-0.623400	0.000000E+00
2764	375.009	9.12500	0.000000E+00
2765	388.163	0.126600	0.000000E+00
2766	375.009	10.7810	0.000000E+00
2767	388.163	2.12500	-1.00000
2768	388.163	2.12500	0.000000E+00
2769	376.009	3.12500	0.000000E+00
2770	378.440	5.62500	0.000000E+00
2771	376.009	6.62500	0.000000E+00
2772	376.009	10.1250	0.000000E+00
2773	377.440	-0.347000	0.000000E+00
2774	377.440	0.403000	0.000000E+00
2775	378.440	5.62500	-1.00000
2776	377.273	2.12500	-1.00000
2777	377.273	2.12500	0.000000E+00
2778	377.273	5.62500	-1.00000
2779	388.163	9.12500	-1.00000
2780	388.163	9.12500	0.000000E+00
2781	377.273	5.62500	0.000000E+00
2782	388.163	11.1234	0.000000E+00
2783	377.440	9.12500	0.000000E+00
2784	388.163	11.8734	0.000000E+00
2785	377.440	10.8470	0.000000E+00
2786	378.440	3.12500	0.000000E+00
2787	378.440	6.62500	0.000000E+00
2788	389.593	2.12500	0.000000E+00
2789	378.440	10.1250	0.000000E+00
2790	389.593	9.12500	0.000000E+00
2791	379.584	3.12500	0.000000E+00
2792	379.584	6.62500	0.000000E+00
2793	379.584	10.1250	0.000000E+00
2794	390.594	2.12500	0.000000E+00
2795	379.871	-0.418650	0.000000E+00
2796	390.594	9.12500	0.000000E+00
2797	379.871	0.331350	0.000000E+00
2798	379.704	2.12500	0.000000E+00
2799	379.704	5.62500	0.000000E+00
2800	393.025	-0.758000	0.000000E+00
2801	379.871	9.12500	0.000000E+00
2802	393.025	-0.800000E-02	0.000000E+00
2803	379.871	10.9186	0.000000E+00
2804	393.025	2.12500	-1.00000
2805	393.025	2.12500	0.000000E+00
2806	380.871	3.12500	0.000000E+00
2807	383.301	5.62500	0.000000E+00
2808	380.871	6.62500	0.000000E+00
2809	380.871	10.1250	0.000000E+00
2810	382.301	-0.490300	0.000000E+00
2811	382.301	0.259700	0.000000E+00
2812	383.301	5.62500	-1.00000
2813	382.135	2.12500	-1.00000
2814	382.135	2.12500	0.000000E+00
2815	382.135	5.62500	-1.00000
2816	393.025	9.12500	-1.00000
2817	393.025	9.12500	0.000000E+00
2818	382.135	5.62500	0.000000E+00
2819	393.025	11.2530	0.000000E+00
2820	382.301	9.12500	0.000000E+00
2821	393.025	12.0030	0.000000E+00
2822	382.301	10.9903	0.000000E+00
2823	383.301	3.12500	0.000000E+00
2824	383.301	6.62500	0.000000E+00
2825	395.456	2.12500	0.000000E+00
2826	383.301	10.1250	0.000000E+00
2827	395.456	9.12500	0.000000E+00
2828	384.732	-0.556850	0.000000E+00
2829	384.732	0.193150	0.000000E+00
2830	384.566	2.12500	0.000000E+00
2831	397.887	-0.893100	0.000000E+00
2832	384.566	5.62500	0.000000E+00
2833	397.887	-0.143100	0.000000E+00
2834	384.732	9.12500	0.000000E+00
2835	397.887	2.12500	-1.00000
2836	397.887	2.12500	0.000000E+00
2837	384.732	11.0569	0.000000E+00
2838	385.732	3.12500	0.000000E+00
2839	388.163	5.62500	0.000000E+00
2840	385.732	6.62500	0.000000E+00
2841	385.732	10.1250	0.000000E+00
2842	387.163	-0.623400	0.000000E+00
2843	387.163	0.126600	0.000000E+00
2844	388.163	5.62500	-1.00000
2845	386.996	2.12500	-1.00000
2846	386.996	2.12500	0.000000E+00
2847	397.887	9.12500	-1.00000
2848	397.887	9.12500	0.000000E+00
2849	386.996	5.62500	-1.00000
2850	397.887	11.3931	0.000000E+00
2851	386.996	5.62500	0.000000E+00
2852	397.887	12.1431	0.000000E+00
2853	387.163	9.12500	0.000000E+00
2854	387.163	11.1234	0.000000E+00
2855	388.163	3.12500	0.000000E+00
2856	399.602	2.12500	0.000000E+00
2857	388.163	6.62500	0.000000E+00
2858	399.602	9.12500	0.000000E+00
2859	388.163	10.1250	0.000000E+00
2860	389.593	3.12500	0.000000E+00
2861	389.593	6.62500	0.000000E+00
2862	400.317	2.12500	0.000000E+00
2863	389.593	10.1250	0.000000E+00

2864	400.317	9.12500	0.000000E+00
2865	389.594	-0.690700	0.000000E+00
2866	389.594	0.593000E-01	0.000000E+00
2867	389.427	2.12500	0.000000E+00
2868	402.748	-1.02650	0.000000E+00
2869	389.427	5.62500	0.000000E+00
2870	402.748	-0.276500	0.000000E+00
2871	389.594	9.12500	0.000000E+00
2872	402.748	2.12500	-1.00000
2873	402.748	2.12500	0.000000E+00
2874	389.594	11.1882	0.000000E+00
2875	390.594	3.12500	0.000000E+00
2876	393.025	5.62500	0.000000E+00
2877	390.594	6.62500	0.000000E+00
2878	390.594	10.1250	0.000000E+00
2879	392.025	-0.758000	0.000000E+00
2880	392.025	-0.800000E-02	0.000000E+00
2881	393.025	5.62500	-1.00000
2882	391.858	2.12500	-1.00000
2883	391.858	2.12500	0.000000E+00
2884	402.748	9.12500	-1.00000
2885	402.748	9.12500	0.000000E+00
2886	391.858	5.62500	-1.00000
2887	402.748	11.5265	0.000000E+00
2888	391.858	5.62500	0.000000E+00
2889	402.748	12.2765	0.000000E+00
2890	392.025	9.12500	0.000000E+00
2891	392.025	11.2530	0.000000E+00
2892	393.025	3.12500	0.000000E+00
2893	405.179	2.12500	0.000000E+00
2894	393.025	6.62500	0.000000E+00
2895	405.179	9.12500	0.000000E+00
2896	393.025	10.1250	0.000000E+00
2897	394.456	-0.825550	0.000000E+00
2898	394.456	-0.755500E-01	0.000000E+00
2899	407.610	-1.15800	0.000000E+00
2900	394.289	2.12500	0.000000E+00
2901	407.610	-0.398000	0.000000E+00
2902	394.289	5.62500	0.000000E+00
2903	34.5470	5.62500	-2.50000
2904	33.5470	6.62500	-2.50000
2905	407.610	2.12500	-1.00000
2906	407.610	2.12500	0.000000E+00
2907	394.456	9.12500	0.000000E+00
2908	394.456	11.3231	0.000000E+00
2909	395.456	3.12500	0.000000E+00
2910	397.887	5.62500	0.000000E+00
2911	83.0570	5.62500	-2.50000
2912	82.0570	6.62500	-2.50000
2913	395.456	6.62500	0.000000E+00
2914	395.456	10.1250	0.000000E+00
2915	396.887	-0.893100	0.000000E+00
2916	396.887	-0.143100	0.000000E+00
2917	397.887	5.62500	-1.00000
2918	396.720	2.12500	-1.00000
2919	131.587	5.62500	-2.50000
2920	130.587	6.62500	-2.50000
2921	407.610	9.12500	-1.00000
2922	407.610	9.12500	0.000000E+00
2923	396.720	2.12500	0.000000E+00
2924	407.610	11.6630	0.000000E+00
2925	396.720	5.62500	-1.00000
2926	407.610	12.4130	0.000000E+00
2927	396.720	5.62500	0.000000E+00
2928	396.887	9.12500	0.000000E+00
2929	396.887	11.3931	0.000000E+00
2930	408.110	-1.17200	0.000000E+00
2931	397.887	3.12500	0.000000E+00
2932	408.110	-0.412000	0.000000E+00
2933	397.887	6.62500	0.000000E+00
2934	408.110	2.12500	0.000000E+00
2935	397.887	10.1250	0.000000E+00
2936	399.602	3.12500	0.000000E+00
2937	399.602	6.62500	0.000000E+00
2938	399.602	10.1250	0.000000E+00
2939	399.317	-0.959800	0.000000E+00
2940	408.110	9.12500	0.000000E+00
2941	399.317	-0.209800	0.000000E+00
2942	408.110	11.6670	0.000000E+00
2943	399.151	2.12500	0.000000E+00
2944	408.110	12.4170	0.000000E+00
2945	399.151	5.62500	0.000000E+00
2946	399.317	9.12500	0.000000E+00
2947	399.317	11.4598	0.000000E+00
2948	400.317	3.12500	0.000000E+00
2949	402.748	5.62500	0.000000E+00
2950	400.317	6.62500	0.000000E+00
2951	400.317	10.1250	0.000000E+00
2952	401.748	-1.02650	0.000000E+00
2953	401.748	-0.276500	0.000000E+00
2954	402.748	5.62500	-1.00000
2955	401.582	2.12500	-1.00000
2956	401.582	2.12500	0.000000E+00
2957	401.582	5.62500	-1.00000
2958	401.582	5.62500	0.000000E+00
2959	401.748	9.12500	0.000000E+00
2960	401.748	11.5265	0.000000E+00
2961	402.748	3.12500	0.000000E+00
2962	402.748	6.62500	0.000000E+00
2963	402.748	10.1250	0.000000E+00
2964	404.179	-1.09225	0.000000E+00
2965	404.179	-0.337250	0.000000E+00
2966	404.012	2.12500	0.000000E+00
2967	404.012	5.62500	0.000000E+00
2968	404.179	9.12500	0.000000E+00

2969	404.179	11.5948	0.000000E+00
2970	405.179	3.12500	0.000000E+00
2971	407.610	5.62500	0.000000E+00
2972	405.179	6.62500	0.000000E+00
2973	405.179	10.1250	0.000000E+00
2974	406.610	-1.15800	0.000000E+00
2975	406.610	-0.398000	0.000000E+00
2976	407.610	5.62500	-1.00000
2977	406.443	2.12500	-1.00000
2978	406.443	2.12500	0.000000E+00
2979	406.443	5.62500	-1.00000
2980	406.443	5.62500	0.000000E+00
2981	406.610	9.12500	0.000000E+00
2982	406.610	11.6630	0.000000E+00
2983	407.610	3.12500	0.000000E+00
2984	407.610	6.62500	0.000000E+00
2985	407.610	10.1250	0.000000E+00
2986	407.110	-1.17200	0.000000E+00
2987	407.110	-0.412000	0.000000E+00
2988	406.943	2.12500	0.000000E+00
2989	406.943	5.62500	0.000000E+00
2990	407.110	9.12500	0.000000E+00
2991	407.110	11.6670	0.000000E+00
2992	0.500000	5.62500	0.277556E-16
2993	0.500000	4.62500	-1.00000
2994	5.22100	5.62500	0.277556E-16
2995	5.22100	4.62500	-1.00000
2996	9.94200	5.62500	0.277556E-16
2997	9.94200	4.62500	-1.00000
2998	14.6630	5.62500	0.277556E-16
2999	14.6630	4.62500	-1.00000
3000	19.3840	5.62500	0.277556E-16
3001	19.3840	4.62500	-1.00000
3002	24.1050	5.62500	0.277556E-16
3003	24.1050	4.62500	-1.00000
3004	28.8260	5.62500	0.277556E-16
3005	28.8260	4.62500	-1.00000
3006	33.5470	5.62500	0.277556E-16
3007	33.5470	4.62500	-1.00000
3008	38.3980	5.62500	0.277556E-16
3009	38.3980	4.62500	-1.00000
3010	43.2490	5.62500	0.277556E-16
3011	43.2490	4.62500	-1.00000
3012	48.1000	5.62500	0.277556E-16
3013	48.1000	4.62500	-1.00000
3014	52.9510	5.62500	0.277556E-16
3015	52.9510	4.62500	-1.00000
3016	57.8020	5.62500	0.277556E-16
3017	57.8020	4.62500	-1.00000
3018	62.6530	5.62500	0.277556E-16
3019	62.6530	4.62500	-1.00000
3020	67.5040	5.62500	0.277556E-16
3021	67.5040	4.62500	-1.00000
3022	72.3550	5.62500	0.277556E-16
3023	72.3550	4.62500	-1.00000
3024	77.2060	5.62500	0.277556E-16
3025	77.2060	4.62500	-1.00000
3026	82.0570	5.62500	0.277556E-16
3027	82.0570	4.62500	-1.00000
3028	86.9100	5.62500	0.277556E-16
3029	86.9100	4.62500	-1.00000
3030	91.7630	5.62500	0.277556E-16
3031	91.7630	4.62500	-1.00000
3032	96.6160	5.62500	0.277556E-16
3033	96.6160	4.62500	-1.00000
3034	101.469	5.62500	0.277556E-16
3035	101.469	4.62500	-1.00000
3036	106.322	5.62500	0.277556E-16
3037	106.322	4.62500	-1.00000
3038	111.175	5.62500	0.277556E-16
3039	111.175	4.62500	-1.00000
3040	116.028	5.62500	0.277556E-16
3041	116.028	4.62500	-1.00000
3042	120.881	5.62500	0.277556E-16
3043	120.881	4.62500	-1.00000
3044	125.734	5.62500	0.277556E-16
3045	125.734	4.62500	-1.00000
3046	130.587	5.62500	0.277556E-16
3047	130.587	4.62500	-1.00000
3048	135.442	5.62500	0.277556E-16
3049	135.442	4.62500	-1.00000
3050	140.297	5.62500	0.277556E-16
3051	140.297	4.62500	-1.00000
3052	145.152	5.62500	0.277556E-16
3053	145.152	4.62500	-1.00000
3054	150.007	5.62500	0.277556E-16
3055	150.007	4.62500	-1.00000
3056	154.862	5.62500	0.277556E-16
3057	154.862	4.62500	-1.00000
3058	159.717	5.62500	0.277556E-16
3059	159.717	4.62500	-1.00000
3060	164.572	5.62500	0.277556E-16
3061	164.572	4.62500	-1.00000
3062	169.427	5.62500	0.277556E-16
3063	169.427	4.62500	-1.00000
3064	174.282	5.62500	0.277556E-16
3065	174.282	4.62500	-1.00000
3066	179.137	5.62500	0.277556E-16
3067	179.137	4.62500	-1.00000
3068	183.994	5.62500	0.277556E-16
3069	183.994	4.62500	-1.00000
3070	188.851	5.62500	0.277556E-16
3071	188.851	4.62500	-1.00000
3072	193.708	5.62500	0.277556E-16
3073	193.708	4.62500	-1.00000

3074	198.565	5.62500	0.277556E-16
3075	198.565	4.62500	-1.00000
3076	203.422	5.62500	0.277556E-16
3077	203.422	4.62500	-1.00000
3078	208.279	5.62500	0.277556E-16
3079	208.279	4.62500	-1.00000
3080	213.136	5.62500	0.277556E-16
3081	213.136	4.62500	-1.00000
3082	217.993	5.62500	0.277556E-16
3083	217.993	4.62500	-1.00000
3084	222.850	5.62500	0.277556E-16
3085	222.850	4.62500	-1.00000
3086	227.707	5.62500	0.277556E-16
3087	227.707	4.62500	-1.00000
3088	232.565	5.62500	0.277556E-16
3089	232.565	4.62500	-1.00000
3090	237.423	5.62500	0.277556E-16
3091	237.423	4.62500	-1.00000
3092	242.281	5.62500	0.277556E-16
3093	242.281	4.62500	-1.00000
3094	247.139	5.62500	0.277556E-16
3095	247.139	4.62500	-1.00000
3096	251.997	5.62500	0.277556E-16
3097	251.997	4.62500	-1.00000
3098	256.855	5.62500	0.277556E-16
3099	256.855	4.62500	-1.00000
3100	261.713	5.62500	0.277556E-16
3101	261.713	4.62500	-1.00000
3102	266.571	5.62500	0.277556E-16
3103	266.571	4.62500	-1.00000
3104	271.429	5.62500	0.277556E-16
3105	271.429	4.62500	-1.00000
3106	276.287	5.62500	0.277556E-16
3107	276.287	4.62500	-1.00000
3108	281.146	5.62500	0.277556E-16
3109	281.146	4.62500	-1.00000
3110	286.005	5.62500	0.277556E-16
3111	286.005	4.62500	-1.00000
3112	290.864	5.62500	0.277556E-16
3113	290.864	4.62500	-1.00000
3114	295.723	5.62500	0.277556E-16
3115	295.723	4.62500	-1.00000
3116	300.582	5.62500	0.277556E-16
3117	300.582	4.62500	-1.00000
3118	305.441	5.62500	0.277556E-16
3119	305.441	4.62500	-1.00000
3120	310.300	5.62500	0.277556E-16
3121	310.300	4.62500	-1.00000
3122	315.159	5.62500	0.277556E-16
3123	315.159	4.62500	-1.00000
3124	320.018	5.62500	0.277556E-16
3125	320.018	4.62500	-1.00000
3126	324.877	5.62500	0.277556E-16
3127	324.877	4.62500	-1.00000
3128	329.736	5.62500	0.277556E-16
3129	329.736	4.62500	-1.00000
3130	334.595	5.62500	0.277556E-16
3131	334.595	4.62500	-1.00000
3132	339.454	5.62500	0.277556E-16
3133	339.454	4.62500	-1.00000
3134	344.313	5.62500	0.277556E-16
3135	344.313	4.62500	-1.00000
3136	349.172	5.62500	0.277556E-16
3137	349.172	4.62500	-1.00000
3138	354.031	5.62500	0.277556E-16
3139	354.031	4.62500	-1.00000
3140	358.890	5.62500	0.277556E-16
3141	358.890	4.62500	-1.00000
3142	363.749	5.62500	0.277556E-16
3143	363.749	4.62500	-1.00000
3144	368.723	5.62500	0.277556E-16
3145	368.723	4.62500	-1.00000
3146	373.578	5.62500	0.277556E-16
3147	373.578	4.62500	-1.00000
3148	378.440	5.62500	0.277556E-16
3149	378.440	4.62500	-1.00000
3150	383.301	5.62500	0.277556E-16
3151	383.301	4.62500	-1.00000
3152	388.163	5.62500	0.277556E-16
3153	388.163	4.62500	-1.00000
3154	393.025	5.62500	0.277556E-16
3155	393.025	4.62500	-1.00000
3156	397.887	5.62500	0.277556E-16
3157	397.887	4.62500	-1.00000
3158	402.748	5.62500	0.277556E-16
3159	402.748	4.62500	-1.00000
3160	407.610	5.62500	0.277556E-16
3161	407.610	4.62500	-1.00000
3162	1.50000	5.62500	0.000000E+00
3163	0.500000	6.62500	0.000000E+00
3164	6.22100	5.62500	0.000000E+00
3165	5.22100	6.62500	0.000000E+00
3166	10.9420	5.62500	0.000000E+00
3167	9.94200	6.62500	0.000000E+00
3168	15.6630	5.62500	0.000000E+00
3169	14.6630	6.62500	0.000000E+00
3170	20.3840	5.62500	0.000000E+00
3171	19.3840	6.62500	0.000000E+00
3172	25.1050	5.62500	0.000000E+00
3173	24.1050	6.62500	0.000000E+00
3174	29.8260	5.62500	0.000000E+00
3175	28.8260	6.62500	0.000000E+00
3176	34.5470	5.62500	0.000000E+00
3177	33.5470	6.62500	0.000000E+00
3178	39.3980	5.62500	0.000000E+00

3179	38.3980	6.62500	0.000000E+00
3180	44.2490	5.62500	0.000000E+00
3181	43.2490	6.62500	0.000000E+00
3182	49.1000	5.62500	0.000000E+00
3183	48.1000	6.62500	0.000000E+00
3184	53.9510	5.62500	0.000000E+00
3185	52.9510	6.62500	0.000000E+00
3186	58.8020	5.62500	0.000000E+00
3187	57.8020	6.62500	0.000000E+00
3188	63.6530	5.62500	0.000000E+00
3189	62.6530	6.62500	0.000000E+00
3190	68.5040	5.62500	0.000000E+00
3191	67.5040	6.62500	0.000000E+00
3192	73.3550	5.62500	0.000000E+00
3193	72.3550	6.62500	0.000000E+00
3194	78.2060	5.62500	0.000000E+00
3195	77.2060	6.62500	0.000000E+00
3196	83.0570	5.62500	0.000000E+00
3197	82.0570	6.62500	0.000000E+00
3198	87.9100	5.62500	0.000000E+00
3199	86.9100	6.62500	0.000000E+00
3200	92.7630	5.62500	0.000000E+00
3201	91.7630	6.62500	0.000000E+00
3202	97.6160	5.62500	0.000000E+00
3203	96.6160	6.62500	0.000000E+00
3204	102.469	5.62500	0.000000E+00
3205	101.469	6.62500	0.000000E+00
3206	107.322	5.62500	0.000000E+00
3207	106.322	6.62500	0.000000E+00
3208	112.175	5.62500	0.000000E+00
3209	111.175	6.62500	0.000000E+00
3210	117.028	5.62500	0.000000E+00
3211	116.028	6.62500	0.000000E+00
3212	121.881	5.62500	0.000000E+00
3213	120.881	6.62500	0.000000E+00
3214	126.734	5.62500	0.000000E+00
3215	125.734	6.62500	0.000000E+00
3216	131.587	5.62500	0.000000E+00
3217	130.587	6.62500	0.000000E+00
3218	136.442	5.62500	0.000000E+00
3219	135.442	6.62500	0.000000E+00
3220	141.297	5.62500	0.000000E+00
3221	140.297	6.62500	0.000000E+00
3222	146.152	5.62500	0.000000E+00
3223	145.152	6.62500	0.000000E+00
3224	151.007	5.62500	0.000000E+00
3225	150.007	6.62500	0.000000E+00
3226	155.862	5.62500	0.000000E+00
3227	154.862	6.62500	0.000000E+00
3228	160.717	5.62500	0.000000E+00
3229	159.717	6.62500	0.000000E+00
3230	165.572	5.62500	0.000000E+00
3231	164.572	6.62500	0.000000E+00
3232	170.427	5.62500	0.000000E+00
3233	169.427	6.62500	0.000000E+00
3234	175.282	5.62500	0.000000E+00
3235	174.282	6.62500	0.000000E+00
3236	180.137	5.62500	0.000000E+00
3237	179.137	6.62500	0.000000E+00
3238	184.994	5.62500	0.000000E+00
3239	183.994	6.62500	0.000000E+00
3240	189.851	5.62500	0.000000E+00
3241	188.851	6.62500	0.000000E+00
3242	194.708	5.62500	0.000000E+00
3243	193.708	6.62500	0.000000E+00
3244	199.565	5.62500	0.000000E+00
3245	198.565	6.62500	0.000000E+00
3246	204.422	5.62500	0.000000E+00
3247	203.422	6.62500	0.000000E+00
3248	209.279	5.62500	0.000000E+00
3249	208.279	6.62500	0.000000E+00
3250	214.136	5.62500	0.000000E+00
3251	213.136	6.62500	0.000000E+00
3252	218.993	5.62500	0.000000E+00
3253	217.993	6.62500	0.000000E+00
3254	223.850	5.62500	0.000000E+00
3255	222.850	6.62500	0.000000E+00
3256	228.707	5.62500	0.000000E+00
3257	227.707	6.62500	0.000000E+00
3258	233.565	5.62500	0.000000E+00
3259	232.565	6.62500	0.000000E+00
3260	238.423	5.62500	0.000000E+00
3261	237.423	6.62500	0.000000E+00
3262	243.281	5.62500	0.000000E+00
3263	242.281	6.62500	0.000000E+00
3264	248.139	5.62500	0.000000E+00
3265	247.139	6.62500	0.000000E+00
3266	252.997	5.62500	0.000000E+00
3267	251.997	6.62500	0.000000E+00
3268	257.855	5.62500	0.000000E+00
3269	256.855	6.62500	0.000000E+00
3270	262.713	5.62500	0.000000E+00
3271	261.713	6.62500	0.000000E+00
3272	267.571	5.62500	0.000000E+00
3273	266.571	6.62500	0.000000E+00
3274	272.429	5.62500	0.000000E+00
3275	271.429	6.62500	0.000000E+00
3276	277.287	5.62500	0.000000E+00
3277	276.287	6.62500	0.000000E+00
3278	282.146	5.62500	0.000000E+00
3279	281.146	6.62500	0.000000E+00
3280	287.005	5.62500	0.000000E+00
3281	286.005	6.62500	0.000000E+00
3282	291.864	5.62500	0.000000E+00
3283	290.864	6.62500	0.000000E+00

3284	296.723	5.62500	0.000000E+00
3285	295.723	6.62500	0.000000E+00
3286	301.582	5.62500	0.000000E+00
3287	300.582	6.62500	0.000000E+00
3288	306.441	5.62500	0.000000E+00
3289	305.441	6.62500	0.000000E+00
3290	311.300	5.62500	0.000000E+00
3291	310.300	6.62500	0.000000E+00
3292	316.159	5.62500	0.000000E+00
3293	315.159	6.62500	0.000000E+00
3294	321.018	5.62500	0.000000E+00
3295	320.018	6.62500	0.000000E+00
3296	325.877	5.62500	0.000000E+00
3297	324.877	6.62500	0.000000E+00
3298	330.736	5.62500	0.000000E+00
3299	329.736	6.62500	0.000000E+00
3300	335.595	5.62500	0.000000E+00
3301	334.595	6.62500	0.000000E+00
3302	340.454	5.62500	0.000000E+00
3303	339.454	6.62500	0.000000E+00
3304	345.313	5.62500	0.000000E+00
3305	344.313	6.62500	0.000000E+00
3306	350.172	5.62500	0.000000E+00
3307	349.172	6.62500	0.000000E+00
3308	355.031	5.62500	0.000000E+00
3309	354.031	6.62500	0.000000E+00
3310	359.890	5.62500	0.000000E+00
3311	358.890	6.62500	0.000000E+00
3312	364.749	5.62500	0.000000E+00
3313	363.749	6.62500	0.000000E+00
3314	369.723	5.62500	0.000000E+00
3315	368.723	6.62500	0.000000E+00
3316	374.578	5.62500	0.000000E+00
3317	373.578	6.62500	0.000000E+00
3318	379.440	5.62500	0.000000E+00
3319	378.440	6.62500	0.000000E+00
3320	384.301	5.62500	0.000000E+00
3321	383.301	6.62500	0.000000E+00
3322	389.163	5.62500	0.000000E+00
3323	388.163	6.62500	0.000000E+00
3324	394.025	5.62500	0.000000E+00
3325	393.025	6.62500	0.000000E+00
3326	398.887	5.62500	0.000000E+00
3327	397.887	6.62500	0.000000E+00
3328	403.748	5.62500	0.000000E+00
3329	402.748	6.62500	0.000000E+00
3330	408.610	5.62500	0.000000E+00
3331	407.610	6.62500	0.000000E+00
3743	180.137	5.62500	-2.50000
3744	179.137	6.62500	-2.50000
3745	228.707	5.62500	-2.50000
3746	227.707	6.62500	-2.50000
3747	277.287	5.62500	-2.50000
3748	276.287	6.62500	-2.50000
3749	325.877	5.62500	-2.50000
3750	324.877	6.62500	-2.50000
3751	374.578	5.62500	-2.50000
3752	373.578	6.62500	-2.50000
3753	406.610	5.62500	-2.50000
3754	407.610	4.62500	-2.50000
8152	2.86050	0.750000	0.000000E+00
8154	7.58150	0.750000	0.000000E+00
8155	12.3025	0.750000	0.000000E+00
8156	17.0235	0.750000	0.000000E+00
8157	21.7445	0.750000	0.000000E+00
8158	26.4655	0.750000	0.000000E+00
8159	31.1865	0.750000	0.000000E+00
8161	35.9725	0.750000	0.000000E+00
8162	40.8235	0.750000	0.000000E+00
8163	45.6745	0.750000	0.000000E+00
8164	50.5255	0.750000	0.000000E+00
8166	55.3765	0.750000	0.000000E+00
8167	60.2275	0.750000	0.000000E+00
8168	65.0785	0.750000	0.000000E+00
8169	69.9295	0.750000	0.000000E+00
8170	74.7805	0.750000	0.000000E+00
8171	79.6315	0.750000	0.000000E+00
8172	84.4835	0.750000	0.000000E+00
8180	89.3365	0.750000	0.000000E+00
8182	94.1895	0.750000	0.000000E+00
8183	99.0425	0.750000	0.000000E+00
8184	103.896	0.750000	0.000000E+00
8185	108.749	0.750000	0.000000E+00
8186	113.602	0.750000	0.000000E+00
8187	118.455	0.750000	0.000000E+00
8189	123.307	0.750000	0.000000E+00
8190	128.160	0.750000	0.000000E+00
8191	133.015	0.750000	0.000000E+00
8192	137.869	0.750000	0.000000E+00
8194	142.724	0.750000	0.000000E+00
8195	147.579	0.750000	0.000000E+00
8198	152.435	0.750000	0.000000E+00
8201	157.290	0.750000	0.000000E+00
8205	162.144	0.750000	0.000000E+00
8206	166.999	0.750000	0.000000E+00
8211	171.855	0.750000	0.000000E+00
8214	176.710	0.750000	0.000000E+00
8215	181.566	0.750000	0.000000E+00
8218	186.423	0.750000	0.000000E+00
8219	191.279	0.750000	0.000000E+00
8223	196.136	0.750000	0.000000E+00
8225	200.994	0.750000	0.000000E+00
8226	205.850	0.750000	0.000000E+00
8228	210.708	0.750000	0.000000E+00
8229	215.564	0.750000	0.000000E+00

8231	220.422	0.750000	0.000000E+00
8232	225.278	0.750000	0.000000E+00
8234	230.136	0.750000	0.000000E+00
8238	234.994	0.750000	0.000000E+00
8249	239.852	0.750000	0.000000E+00
8264	244.710	0.750000	0.000000E+00
8296	249.568	0.750000	0.000000E+00
8302	254.426	0.750000	0.000000E+00
8318	259.284	0.750000	0.000000E+00
8321	264.142	0.750000	0.000000E+00
8470	269.000	0.750000	0.000000E+00
8471	273.858	0.750000	0.000000E+00
8477	278.717	0.750000	0.000000E+00
8478	283.575	0.750000	0.000000E+00
8481	288.434	0.750000	0.000000E+00
8482	293.293	0.750000	0.000000E+00
8485	298.152	0.750000	0.000000E+00
8486	303.012	0.750000	0.000000E+00
8489	307.870	0.750000	0.000000E+00
8490	312.730	0.750000	0.000000E+00
8509	317.588	0.750000	0.000000E+00
8510	322.447	0.750000	0.000000E+00
8513	327.306	0.750000	0.000000E+00
8514	332.165	0.750000	0.000000E+00
8517	337.024	0.750000	0.000000E+00
8518	341.883	0.750000	0.000000E+00
8521	346.743	0.750000	0.000000E+00
8524	351.601	0.750000	0.000000E+00
8525	356.460	0.750000	0.000000E+00
8528	361.320	0.750000	0.000000E+00
8529	366.236	0.709000	0.000000E+00
8532	371.150	0.601500	0.000000E+00
8533	376.009	0.469000	0.000000E+00
8549	380.871	0.331350	0.000000E+00
8550	385.732	0.193150	0.000000E+00
8553	390.594	0.593000E-01	0.000000E+00
8554	395.456	-0.755500E-01	0.000000E+00
8557	400.317	-0.209800	0.000000E+00
8558	405.179	-0.337250	0.000000E+00
8697	2.86050	10.5000	0.000000E+00
8750	7.58150	10.5000	0.000000E+00
8776	12.3025	10.5000	0.000000E+00
8779	17.0235	10.5000	0.000000E+00
8794	21.7445	10.5000	0.000000E+00
8804	26.4655	10.5000	0.000000E+00
8827	31.1865	10.5000	0.000000E+00
8830	35.9725	10.5000	0.000000E+00
8833	40.8235	10.5000	0.000000E+00
8967	74.7805	10.5000	0.000000E+00
8970	79.6315	10.5000	0.000000E+00
8973	84.4835	10.5000	0.000000E+00
8976	89.3365	10.5000	0.000000E+00
8978	94.1895	10.5000	0.000000E+00
8985	45.6745	10.5000	0.000000E+00
8987	50.5255	10.5000	0.000000E+00
8992	366.236	10.5410	0.000000E+00
8996	55.3765	10.5000	0.000000E+00
8998	60.2275	10.5000	0.000000E+00
9000	65.0785	10.5000	0.000000E+00
9002	69.9295	10.5000	0.000000E+00
9009	99.0425	10.5000	0.000000E+00
9012	103.896	10.5000	0.000000E+00
9015	108.749	10.5000	0.000000E+00
9018	113.602	10.5000	0.000000E+00
9024	371.150	10.6485	0.000000E+00
9026	376.009	10.7810	0.000000E+00
9028	380.871	10.9186	0.000000E+00
9030	385.732	11.0569	0.000000E+00
9033	118.455	10.5000	0.000000E+00
9037	390.594	11.1882	0.000000E+00
9041	123.307	10.5000	0.000000E+00
9043	395.456	11.3231	0.000000E+00
9048	400.317	11.4598	0.000000E+00
9062	128.160	10.5000	0.000000E+00
9065	133.015	10.5000	0.000000E+00
9068	137.869	10.5000	0.000000E+00
9071	142.724	10.5000	0.000000E+00
9074	147.579	10.5000	0.000000E+00
9081	152.435	10.5000	0.000000E+00
9083	157.290	10.5000	0.000000E+00
9085	162.144	10.5000	0.000000E+00
9087	166.999	10.5000	0.000000E+00
9089	171.855	10.5000	0.000000E+00
9096	176.710	10.5000	0.000000E+00
9098	181.566	10.5000	0.000000E+00
9100	186.423	10.5000	0.000000E+00
9102	191.279	10.5000	0.000000E+00
9104	196.136	10.5000	0.000000E+00
9106	200.994	10.5000	0.000000E+00
9226	405.179	11.5948	0.000000E+00
9228	205.850	10.5000	0.000000E+00
9230	210.708	10.5000	0.000000E+00
9232	215.564	10.5000	0.000000E+00
9234	220.422	10.5000	0.000000E+00
9236	225.278	10.5000	0.000000E+00
9241	230.136	10.5000	0.000000E+00
9243	234.994	10.5000	0.000000E+00
9245	239.852	10.5000	0.000000E+00
9248	244.710	10.5000	0.000000E+00
9251	249.568	10.5000	0.000000E+00
9254	254.426	10.5000	0.000000E+00
9256	259.284	10.5000	0.000000E+00
9260	264.142	10.5000	0.000000E+00
9269	269.000	10.5000	0.000000E+00
9272	273.858	10.5000	0.000000E+00



9275	278.717	10.5000	0.000000E+00
9278	283.575	10.5000	0.000000E+00
9283	288.434	10.5000	0.000000E+00
9285	293.293	10.5000	0.000000E+00
9287	298.152	10.5000	0.000000E+00
9289	303.012	10.5000	0.000000E+00
9291	307.870	10.5000	0.000000E+00
9295	312.730	10.5000	0.000000E+00
9299	317.588	10.5000	0.000000E+00
9302	322.447	10.5000	0.000000E+00
9305	327.306	10.5000	0.000000E+00
9308	332.165	10.5000	0.000000E+00
9315	337.024	10.5000	0.000000E+00
9318	341.883	10.5000	0.000000E+00
9321	346.743	10.5000	0.000000E+00
9324	351.601	10.5000	0.000000E+00
9327	356.460	10.5000	0.000000E+00
9333	361.320	10.5000	0.000000E+00
9974	2.86050	0.000000E+00	0.000000E+00
9976	2.86050	11.2500	0.000000E+00
9977	7.58150	0.000000E+00	0.000000E+00
9980	7.58150	11.2500	0.000000E+00
9981	12.3025	0.000000E+00	0.000000E+00
9983	12.3025	11.2500	0.000000E+00
9984	17.0235	0.000000E+00	0.000000E+00
9986	17.0235	11.2500	0.000000E+00
9987	21.7445	0.000000E+00	0.000000E+00
9989	21.7445	11.2500	0.000000E+00
9991	26.4655	0.000000E+00	0.000000E+00
9992	26.4655	11.2500	0.000000E+00
9993	31.1865	0.000000E+00	0.000000E+00
9994	31.1865	11.2500	0.000000E+00
9995	35.9725	0.000000E+00	0.000000E+00
9996	35.9725	11.2500	0.000000E+00
9997	40.8235	0.000000E+00	0.000000E+00
9998	40.8235	11.2500	0.000000E+00
9999	45.6745	0.000000E+00	0.000000E+00
10000	45.6745	11.2500	0.000000E+00
10001	50.5255	0.000000E+00	0.000000E+00
10002	50.5255	11.2500	0.000000E+00
10003	55.3765	0.000000E+00	0.000000E+00
10004	55.3765	11.2500	0.000000E+00
10006	60.2275	0.000000E+00	0.000000E+00
10007	60.2275	11.2500	0.000000E+00
10008	65.0785	0.000000E+00	0.000000E+00
10009	65.0785	11.2500	0.000000E+00
10010	69.9295	0.000000E+00	0.000000E+00
10011	69.9295	11.2500	0.000000E+00
10012	74.7805	0.000000E+00	0.000000E+00
10013	74.7805	11.2500	0.000000E+00
10014	79.6315	0.000000E+00	0.000000E+00
10015	79.6315	11.2500	0.000000E+00
10016	84.4835	0.000000E+00	0.000000E+00
10017	84.4835	11.2500	0.000000E+00
10018	89.3365	0.000000E+00	0.000000E+00
10019	89.3365	11.2500	0.000000E+00
10021	94.1895	0.000000E+00	0.000000E+00
10022	94.1895	11.2500	0.000000E+00
10023	99.0425	0.000000E+00	0.000000E+00
10024	99.0425	11.2500	0.000000E+00
10025	103.896	0.000000E+00	0.000000E+00
10026	103.896	11.2500	0.000000E+00
10027	108.749	0.000000E+00	0.000000E+00
10028	108.749	11.2500	0.000000E+00
10029	113.602	0.000000E+00	0.000000E+00
10030	113.602	11.2500	0.000000E+00
10031	118.455	0.000000E+00	0.000000E+00
10032	118.455	11.2500	0.000000E+00
10033	123.307	0.000000E+00	0.000000E+00
10034	123.307	11.2500	0.000000E+00
10035	128.160	0.000000E+00	0.000000E+00
10038	128.160	11.2500	0.000000E+00
10040	133.015	0.000000E+00	0.000000E+00
10041	133.015	11.2500	0.000000E+00
10042	137.869	0.000000E+00	0.000000E+00
10043	137.869	11.2500	0.000000E+00
10044	142.724	0.000000E+00	0.000000E+00
10045	142.724	11.2500	0.000000E+00
10046	147.579	0.000000E+00	0.000000E+00
10047	147.579	11.2500	0.000000E+00
10048	152.435	0.000000E+00	0.000000E+00
10049	152.435	11.2500	0.000000E+00
10050	157.290	0.000000E+00	0.000000E+00
10051	157.290	11.2500	0.000000E+00
10052	162.144	0.000000E+00	0.000000E+00
10053	162.144	11.2500	0.000000E+00
10055	166.999	0.000000E+00	0.000000E+00
10056	166.999	11.2500	0.000000E+00
10057	171.855	0.000000E+00	0.000000E+00
10058	171.855	11.2500	0.000000E+00
10059	176.710	0.000000E+00	0.000000E+00
10060	176.710	11.2500	0.000000E+00
10061	181.566	0.000000E+00	0.000000E+00
10062	181.566	11.2500	0.000000E+00
10063	186.423	0.000000E+00	0.000000E+00
10064	186.423	11.2500	0.000000E+00
10065	191.279	0.000000E+00	0.000000E+00
10066	191.279	11.2500	0.000000E+00
10067	196.136	0.000000E+00	0.000000E+00
10068	196.136	11.2500	0.000000E+00
10070	200.994	0.000000E+00	0.000000E+00
10071	200.994	11.2500	0.000000E+00
10072	205.850	0.000000E+00	0.000000E+00
10073	205.850	11.2500	0.000000E+00
10074	210.708	0.000000E+00	0.000000E+00

10075	210.708	11.2500	0.000000E+00
10076	215.564	0.000000E+00	0.000000E+00
10077	215.564	11.2500	0.000000E+00
10078	220.422	0.000000E+00	0.000000E+00
10079	220.422	11.2500	0.000000E+00
10080	225.278	0.000000E+00	0.000000E+00
10081	225.278	11.2500	0.000000E+00
10082	230.136	0.000000E+00	0.000000E+00
10083	230.136	11.2500	0.000000E+00
10084	234.994	0.000000E+00	0.000000E+00
10087	234.994	11.2500	0.000000E+00
10088	239.852	0.000000E+00	0.000000E+00
10090	239.852	11.2500	0.000000E+00
10091	244.710	0.000000E+00	0.000000E+00
10093	244.710	11.2500	0.000000E+00
10094	249.568	0.000000E+00	0.000000E+00
10096	249.568	11.2500	0.000000E+00
10097	254.426	0.000000E+00	0.000000E+00
10100	254.426	11.2500	0.000000E+00
10101	259.284	0.000000E+00	0.000000E+00
10102	259.284	11.2500	0.000000E+00
10103	264.142	0.000000E+00	0.000000E+00
10104	264.142	11.2500	0.000000E+00
10105	269.000	0.000000E+00	0.000000E+00
10106	269.000	11.2500	0.000000E+00
10107	273.858	0.000000E+00	0.000000E+00
10108	273.858	11.2500	0.000000E+00
10109	278.717	0.000000E+00	0.000000E+00
10110	278.717	11.2500	0.000000E+00
10112	283.575	0.000000E+00	0.000000E+00
10113	283.575	11.2500	0.000000E+00
10114	288.434	0.000000E+00	0.000000E+00
10115	288.434	11.2500	0.000000E+00
10116	293.293	0.000000E+00	0.000000E+00
10117	293.293	11.2500	0.000000E+00
10118	298.152	0.000000E+00	0.000000E+00
10119	298.152	11.2500	0.000000E+00
10120	303.012	0.000000E+00	0.000000E+00
10121	303.012	11.2500	0.000000E+00
10122	307.870	0.000000E+00	0.000000E+00
10124	307.870	11.2500	0.000000E+00
10125	312.730	0.000000E+00	0.000000E+00
10126	312.730	11.2500	0.000000E+00
10127	317.588	0.000000E+00	0.000000E+00
10128	317.588	11.2500	0.000000E+00
10129	322.447	0.000000E+00	0.000000E+00
10130	322.447	11.2500	0.000000E+00
10131	327.306	0.000000E+00	0.000000E+00
10132	327.306	11.2500	0.000000E+00
10133	332.165	0.000000E+00	0.000000E+00
10134	332.165	11.2500	0.000000E+00
10136	337.024	0.000000E+00	0.000000E+00
10138	337.024	11.2500	0.000000E+00
10139	341.883	0.000000E+00	0.000000E+00
10140	341.883	11.2500	0.000000E+00
10141	346.743	0.000000E+00	0.000000E+00
10142	346.743	11.2500	0.000000E+00
10143	351.601	0.000000E+00	0.000000E+00
10144	351.601	11.2500	0.000000E+00
10145	356.460	0.000000E+00	0.000000E+00
10146	356.460	11.2500	0.000000E+00
10147	361.320	0.000000E+00	0.000000E+00
10148	361.320	11.2500	0.000000E+00
10149	366.236	-0.410000E-01	0.000000E+00
10150	366.236	11.2910	0.000000E+00
10151	371.150	-0.148500	0.000000E+00
10153	371.150	11.3985	0.000000E+00
10154	376.009	-0.281000	0.000000E+00
10155	376.009	11.5310	0.000000E+00
10156	380.871	-0.418650	0.000000E+00
10157	380.871	11.6686	0.000000E+00
10158	385.732	-0.556850	0.000000E+00
10159	385.732	11.8069	0.000000E+00
10160	390.594	-0.690700	0.000000E+00
10161	390.594	11.9382	0.000000E+00
10162	395.456	-0.825550	0.000000E+00
10163	395.456	12.0730	0.000000E+00
10164	400.317	-0.959800	0.000000E+00
10165	400.317	12.2098	0.000000E+00
10166	405.179	-1.09225	0.000000E+00
10168	405.179	12.3447	0.000000E+00
10169	0.000000E+00	0.000000E+00	0.000000E+00
10171	0.000000E+00	0.750000	0.000000E+00
10173	0.000000E+00	2.12500	0.000000E+00
10179	0.000000E+00	9.12500	0.000000E+00
10181	0.000000E+00	10.5000	0.000000E+00
10183	0.000000E+00	11.2500	0.000000E+00
10187	0.500000	0.000000E+00	0.000000E+00
10189	0.500000	0.750000	0.000000E+00
10193	0.500000	2.12500	-1.00000
10194	0.500000	2.12500	0.000000E+00
10209	0.500000	9.12500	-1.00000
10210	0.500000	9.12500	0.000000E+00
10212	0.500000	10.5000	0.000000E+00
10214	0.500000	11.2500	0.000000E+00
10218	2.86050	2.12500	0.000000E+00
10220	2.86050	9.12500	0.000000E+00
10224	5.22100	0.000000E+00	0.000000E+00
10226	5.22100	0.750000	0.000000E+00
10228	5.22100	2.12500	-1.00000
10229	5.22100	2.12500	0.000000E+00
10240	5.22100	9.12500	-1.00000
10241	5.22100	9.12500	0.000000E+00
10243	5.22100	10.5000	0.000000E+00
10245	5.22100	11.2500	0.000000E+00

10249	7.54900	2.12500	0.000000E+00
10251	7.54900	9.12500	0.000000E+00
10255	7.58150	2.12500	0.000000E+00
10257	7.58150	9.12500	0.000000E+00
10261	9.94200	0.000000E+00	0.000000E+00
10263	9.94200	0.750000	0.000000E+00
10265	9.94200	2.12500	-1.00000
10266	9.94200	2.12500	0.000000E+00
10277	9.94200	9.12500	-1.00000
10278	9.94200	9.12500	0.000000E+00
10280	9.94200	10.5000	0.000000E+00
10282	9.94200	11.2500	0.000000E+00
10286	12.3025	2.12500	0.000000E+00
10288	12.3025	9.12500	0.000000E+00
10292	14.6630	0.000000E+00	0.000000E+00
10294	14.6630	0.750000	0.000000E+00
10296	14.6630	2.12500	-1.00000
10297	14.6630	2.12500	0.000000E+00
10308	14.6630	9.12500	-1.00000
10309	14.6630	9.12500	0.000000E+00
10311	14.6630	10.5000	0.000000E+00
10313	14.6630	11.2500	0.000000E+00
10317	17.0235	2.12500	0.000000E+00
10319	17.0235	9.12500	0.000000E+00
10323	17.5480	2.12500	0.000000E+00
10325	17.5480	9.12500	0.000000E+00
10329	19.3840	0.000000E+00	0.000000E+00
10331	19.3840	0.750000	0.000000E+00
10333	19.3840	2.12500	-1.00000
10334	19.3840	2.12500	0.000000E+00
10345	19.3840	9.12500	-1.00000
10346	19.3840	9.12500	0.000000E+00
10348	19.3840	10.5000	0.000000E+00
10350	19.3840	11.2500	0.000000E+00
10354	21.7445	2.12500	0.000000E+00
10356	21.7445	9.12500	0.000000E+00
10360	24.1050	0.000000E+00	0.000000E+00
10362	24.1050	0.750000	0.000000E+00
10364	24.1050	2.12500	-1.00000
10365	24.1050	2.12500	0.000000E+00
10376	24.1050	9.12500	-1.00000
10377	24.1050	9.12500	0.000000E+00
10379	24.1050	10.5000	0.000000E+00
10381	24.1050	11.2500	0.000000E+00
10385	26.4655	2.12500	0.000000E+00
10387	26.4655	9.12500	0.000000E+00
10391	27.5470	2.12500	0.000000E+00
10393	27.5470	9.12500	0.000000E+00
10397	28.8260	0.000000E+00	0.000000E+00
10399	28.8260	0.750000	0.000000E+00
10401	28.8260	2.12500	-1.00000
10402	28.8260	2.12500	0.000000E+00
10413	28.8260	9.12500	-1.00000
10414	28.8260	9.12500	0.000000E+00
10416	28.8260	10.5000	0.000000E+00
10418	28.8260	11.2500	0.000000E+00
10422	31.1865	2.12500	0.000000E+00
10424	31.1865	9.12500	0.000000E+00
10428	33.5470	0.000000E+00	0.000000E+00
10430	33.5470	0.750000	0.000000E+00
10434	33.5470	2.12500	-1.00000
10435	33.5470	2.12500	0.000000E+00
10450	33.5470	9.12500	-1.00000
10451	33.5470	9.12500	0.000000E+00
10453	33.5470	10.5000	0.000000E+00
10455	33.5470	11.2500	0.000000E+00
10459	35.9725	2.12500	0.000000E+00
10461	0.000000E+00	5.62500	0.000000E+00
10464	2.86050	5.62500	0.000000E+00
10467	7.54900	5.62500	0.000000E+00
10468	7.58150	5.62500	0.000000E+00
10471	12.3025	5.62500	0.000000E+00
10474	17.0235	5.62500	0.000000E+00
10475	17.5480	5.62500	0.000000E+00
10478	21.7445	5.62500	0.000000E+00
10481	26.4655	5.62500	0.000000E+00
10482	27.5470	5.62500	0.000000E+00
10485	31.1865	5.62500	0.000000E+00
10488	35.9725	5.62500	0.000000E+00
10491	39.5490	5.62500	0.000000E+00
10492	40.8235	5.62500	0.000000E+00
10495	45.6745	5.62500	0.000000E+00
10498	50.5255	5.62500	0.000000E+00
10499	51.8010	5.62500	0.000000E+00
10502	55.3765	5.62500	0.000000E+00
10505	60.2275	5.62500	0.000000E+00
10508	63.8030	5.62500	0.000000E+00
10509	65.0785	5.62500	0.000000E+00
10512	69.9295	5.62500	0.000000E+00
10515	74.7805	5.62500	0.000000E+00
10516	76.0550	5.62500	0.000000E+00
10519	79.6315	5.62500	0.000000E+00
10522	84.4835	5.62500	0.000000E+00
10525	88.0610	5.62500	0.000000E+00
10526	89.3365	5.62500	0.000000E+00
10529	94.1895	5.62500	0.000000E+00
10532	99.0425	5.62500	0.000000E+00
10533	100.318	5.62500	0.000000E+00
10536	103.896	5.62500	0.000000E+00
10539	108.749	5.62500	0.000000E+00
10542	112.325	5.62500	0.000000E+00
10543	113.602	5.62500	0.000000E+00
10546	118.455	5.62500	0.000000E+00
10549	123.307	5.62500	0.000000E+00
10550	124.582	5.62500	0.000000E+00

10553	128.160	5.62500	0.000000E+00
10556	133.015	5.62500	0.000000E+00
10559	136.594	5.62500	0.000000E+00
10560	137.869	5.62500	0.000000E+00
10563	142.724	5.62500	0.000000E+00
10566	147.579	5.62500	0.000000E+00
10567	148.856	5.62500	0.000000E+00
10570	152.435	5.62500	0.000000E+00
10573	157.290	5.62500	0.000000E+00
10576	160.868	5.62500	0.000000E+00
10577	162.144	5.62500	0.000000E+00
10580	166.999	5.62500	0.000000E+00
10583	171.855	5.62500	0.000000E+00
10584	173.130	5.62500	0.000000E+00
10587	176.710	5.62500	0.000000E+00
10590	181.566	5.62500	0.000000E+00
10593	185.147	5.62500	0.000000E+00
10594	186.423	5.62500	0.000000E+00
10597	191.279	5.62500	0.000000E+00
10600	196.136	5.62500	0.000000E+00
10601	197.414	5.62500	0.000000E+00
10604	200.994	5.62500	0.000000E+00
10607	205.850	5.62500	0.000000E+00
10610	209.430	5.62500	0.000000E+00
10611	210.708	5.62500	0.000000E+00
10614	215.564	5.62500	0.000000E+00
10617	220.422	5.62500	0.000000E+00
10618	221.697	5.62500	0.000000E+00
10621	225.278	5.62500	0.000000E+00
10624	230.136	5.62500	0.000000E+00
10627	233.716	5.62500	0.000000E+00
10628	234.994	5.62500	0.000000E+00

TOTAL NUMBER OF NODES = 3840  
LARGEST NODE NUMBER = 10628  
DATA STORAGE LOCATIONS USED = 26880

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
1	1ST NODE	=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	AREA	IYY	IZZ	KT	ASZ
2	1ST NODE	=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

Trave\_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
3	1ST NODE	=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

soletta\_estremo (soletta\_estremo (RSS D=0.3 B=0.1))  
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
4	1ST NODE	=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

soletta\_coda (soletta\_coda (RSS D=0.3 B=1.71285))  
PROPERTY

BMI21 ELEMENTS									
5	1ST NODE	AREA =0.5139	IYY =0.3854E-02	IZZ =0.1256	KT =0.1372E-01	ASZ =0.4285			
		ASY =0.4282	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.5139	IYY =0.3854E-02	IZZ =0.1256	KT =0.1372E-01	ASZ =0.4285			
		ASY =0.4282	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

soletta\_riva (soletta\_riva (RSS D=0.3 B=2.4255))  
PROPERTY

BMI21 ELEMENTS									
6	1ST NODE	AREA =0.7277	IYY =0.5457E-02	IZZ =0.3567	KT =0.2013E-01	ASZ =0.6069			
		ASY =0.6064	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7277	IYY =0.5457E-02	IZZ =0.3567	KT =0.2013E-01	ASZ =0.6069			
		ASY =0.6064	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

soletta\_transiz (soletta\_transiz (RSS D=0.3 B=2.427))  
PROPERTY

BMI21 ELEMENTS									
7	1ST NODE	AREA =0.7281	IYY =0.5461E-02	IZZ =0.3574	KT =0.2014E-01	ASZ =0.6072			
		ASY =0.6068	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7281	IYY =0.5461E-02	IZZ =0.3574	KT =0.2014E-01	ASZ =0.6072			
		ASY =0.6068	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

soletta\_tipo (soletta\_tipo (RSS D=0.3 B=2.4285))  
PROPERTY

BMI21 ELEMENTS									
8	1ST NODE	AREA =0.7286	IYY =0.5464E-02	IZZ =0.3581	KT =0.2016E-01	ASZ =0.6076			
		ASY =0.6071	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7286	IYY =0.5464E-02	IZZ =0.3581	KT =0.2016E-01	ASZ =0.6076			
		ASY =0.6071	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

C1 (Bridge deck - girder with top slab) with BDM\_Phase3  
PROPERTY

BMI21 ELEMENTS									
9	1ST NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
GEOMETRIC STIFFNESS MODIFICATION FACTORS									
	SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
	SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS									
	MF1 =0.3480E+08	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									
23	1ST NODE	AREA =4.062	IYY =4.436	IZZ =5.682	KT =0.2578E-01	ASZ =2.098			
		ASY =2.314	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =4.062	IYY =4.436	IZZ =5.682	KT =0.2578E-01	ASZ =2.098			
		ASY =2.314	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
GEOMETRIC STIFFNESS MODIFICATION FACTORS									
	SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
	SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 = 0.5023 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  
 10 1ST NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.3928E+08 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  
 24 1ST NODE AREA =4.428 IYY =5.414 IZZ =5.853 KT =0.2633E-01 ASZ =2.101  
 ASY =2.599 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =4.428 IYY =5.414 IZZ =5.853 KT =0.2633E-01 ASZ =2.101  
 ASY =2.599 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 = 0.4757 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  
 11 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.4025E+08 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  
 25 1ST NODE AREA =4.512 IYY =5.481 IZZ =5.844 KT =0.2636E-01 ASZ =2.176  
 ASY =2.600 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =4.512 IYY =5.481 IZZ =5.844 KT =0.2636E-01 ASZ =2.176  
 ASY =2.600 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 = 0.4703 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										
12	1ST NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.9409E+08	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										
26	1ST NODE	AREA =3.645	IYY =4.763	IZZ =2.629	KT =0.2702E-01	ASZ =2.253				
		ASY =2.812	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =3.645	IYY =4.763	IZZ =2.629	KT =0.2702E-01	ASZ =2.253				
		ASY =2.812	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 = 0.5998	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										
13	1ST NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.3828E+08	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										
27	1ST NODE	AREA =4.343	IYY =5.378	IZZ =5.962	KT =0.2625E-01	ASZ =2.099				
		ASY =2.533	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =4.343	IYY =5.378	IZZ =5.962	KT =0.2625E-01	ASZ =2.099				
		ASY =2.533	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 = 0.4815	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										
14	1ST NODE	AREA =2.697	IYY =2.449	IZZ =4.951	KT =0.2569E-01	ASZ =1.686				
		ASY =1.840	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.697	IYY =2.449	IZZ =4.951	KT =0.2569E-01	ASZ =1.686				

ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

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

GEOMETRIC MASS MODIFICATION FACTORS

MF1 =0.4025E+08 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\_Phase2a  
PROPERTY

BMI21 ELEMENTS

28 1ST NODE AREA =4.512 IYY =5.481 IZZ =5.844 KT =0.2636E-01 ASZ =2.176  
ASY =2.600 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
2ND NODE AREA =4.512 IYY =5.481 IZZ =5.844 KT =0.2636E-01 ASZ =2.176  
ASY =2.600 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

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

GEOMETRIC MASS MODIFICATION FACTORS

MF1 = 0.4703 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

georigida  
PROPERTY

BMI21 ELEMENTS

15 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

GEOMETRIC PROPERTIES

joints  
PROPERTY

JSH4 ELEMENTS

16 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 1724

GEOMETRIC ASSIGNMENTS

FIRST ELEMENT	LAST ELEMENT	DIFF-ERENCE	GEOMETRIC SET	LUSASM ID NO.
1	30	1	16	4
31	36	1	4	6
37	0	0	23	11
38	0	0	3	3
39	0	0	23	11
40	41	1	5	7
42	0	0	1	1
43	0	0	5	7
44	0	0	1	1
45	47	1	5	7
48	0	0	23	11
49	0	0	3	3
50	0	0	23	11
51	56	1	6	8
57	0	0	23	11
58	0	0	3	3
59	0	0	23	11
60	61	1	6	8
62	0	0	2	2
63	0	0	6	8
64	0	0	2	2
65	67	1	6	8
68	0	0	23	11
69	0	0	3	3
70	0	0	23	11
71	0	0	27	19
72	0	0	3	3
73	0	0	27	19
74	79	1	6	8



80	0	0	27	19
81	0	0	3	3
82	0	0	27	19
83	84	1	6	8
85	0	0	2	2
86	0	0	6	8
87	0	0	2	2
88	90	1	6	8
91	0	0	27	19
92	0	0	3	3
93	0	0	27	19
94	99	1	6	8
100	0	0	27	19
101	0	0	3	3
102	0	0	27	19
103	104	1	6	8
105	0	0	2	2
106	0	0	6	8
107	0	0	2	2
108	110	1	6	8
111	0	0	27	19
112	0	0	3	3
113	0	0	27	19
114	119	1	6	8
120	0	0	27	19
121	0	0	3	3
122	0	0	27	19
123	0	0	28	21
124	0	0	3	3
125	0	0	28	21
126	127	1	6	8
128	0	0	2	2
129	0	0	6	8
130	0	0	2	2
131	133	1	6	8
134	0	0	28	21
135	0	0	3	3
136	0	0	28	21
137	142	1	6	8
143	0	0	28	21
144	0	0	3	3
145	0	0	28	21
146	147	1	6	8
148	0	0	2	2
149	0	0	6	8
150	0	0	2	2
151	153	1	6	8
154	0	0	28	21
155	0	0	3	3
156	0	0	28	21
157	162	1	6	8
163	0	0	28	21
164	0	0	3	3
165	0	0	28	21
166	0	0	26	18
167	0	0	3	3
168	0	0	26	18
169	170	1	6	8
171	0	0	2	2
172	0	0	6	8
173	0	0	2	2
174	176	1	6	8
177	0	0	26	18
178	0	0	3	3
179	0	0	26	18
180	185	1	6	8
186	0	0	26	18
187	0	0	3	3
188	0	0	26	18
189	190	1	7	9
191	0	0	1	1
192	0	0	7	9
193	0	0	1	1
194	196	1	7	9
197	0	0	26	18
198	0	0	3	3
199	0	0	26	18
200	205	1	8	10
206	0	0	26	18
207	0	0	3	3
208	0	0	26	18
209	210	1	8	10
211	0	0	2	2
212	0	0	8	10
213	0	0	2	2
214	216	1	8	10
217	0	0	26	18
218	0	0	3	3
219	0	0	26	18
220	0	0	25	15
221	0	0	3	3
222	0	0	25	15
223	228	1	8	10
229	0	0	25	15
230	0	0	3	3
231	0	0	25	15
232	233	1	8	10
234	0	0	2	2
235	0	0	8	10
236	0	0	2	2
237	239	1	8	10
240	0	0	25	15
241	0	0	3	3
242	0	0	25	15
243	248	1	8	10

249	0	0	25	15
250	0	0	3	3
251	0	0	25	15
252	253	1	8	10
254	0	0	2	2
255	0	0	8	10
256	0	0	2	2
257	259	1	8	10
260	0	0	25	15
261	0	0	3	3
262	0	0	25	15
263	268	1	8	10
269	0	0	25	15
270	0	0	3	3
271	0	0	25	15
272	0	0	24	13
273	0	0	3	3
274	0	0	24	13
275	276	1	8	10
277	0	0	2	2
278	0	0	8	10
279	0	0	2	2
280	282	1	8	10
283	0	0	24	13
284	0	0	3	3
285	0	0	24	13
286	291	1	8	10
292	0	0	24	13
293	0	0	3	3
294	0	0	24	13
295	296	1	8	10
297	0	0	2	2
298	0	0	8	10
299	0	0	2	2
300	302	1	8	10
303	0	0	24	13
304	0	0	3	3
305	0	0	24	13
306	311	1	8	10
312	0	0	24	13
313	0	0	3	3
314	0	0	24	13
315	316	1	8	10
317	0	0	2	2
318	0	0	8	10
319	0	0	2	2
320	322	1	8	10
323	0	0	24	13
324	0	0	3	3
325	0	0	24	13
326	0	0	25	15
327	0	0	3	3
328	0	0	25	15
329	334	1	8	10
335	0	0	25	15
336	0	0	3	3
337	0	0	25	15
338	339	1	8	10
340	0	0	2	2
341	0	0	8	10
342	0	0	2	2
343	345	1	8	10
346	0	0	25	15
347	0	0	3	3
348	0	0	25	15
349	354	1	8	10
355	0	0	25	15
356	0	0	3	3
357	0	0	25	15
358	359	1	8	10
360	0	0	2	2
361	0	0	8	10
362	0	0	2	2
363	365	1	8	10
366	0	0	25	15
367	0	0	3	3
368	0	0	25	15
369	374	1	8	10
375	0	0	25	15
376	0	0	3	3
377	0	0	25	15
378	0	0	26	18
379	0	0	3	3
380	0	0	26	18
381	382	1	8	10
383	0	0	2	2
384	0	0	8	10
385	0	0	2	2
386	388	1	8	10
389	0	0	26	18
390	0	0	3	3
391	0	0	26	18
392	397	1	8	10
398	0	0	26	18
399	0	0	3	3
400	0	0	26	18
401	402	1	8	10
403	0	0	1	1
404	0	0	8	10
405	0	0	1	1
406	408	1	8	10
409	0	0	26	18
410	0	0	3	3
411	0	0	26	18
412	417	1	8	10

418	0	0	26	18
419	0	0	3	3
420	0	0	26	18
421	422	1	8	10
423	0	0	2	2
424	0	0	8	10
425	0	0	2	2
426	428	1	8	10
429	0	0	26	18
430	0	0	3	3
431	0	0	26	18
432	0	0	25	15
433	0	0	3	3
434	0	0	25	15
435	440	1	8	10
441	0	0	25	15
442	0	0	3	3
443	0	0	25	15
444	445	1	8	10
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1561	1566	1	8	10
1567	0	0	24	13
1568	0	0	3	3
1569	0	0	24	13
1570	1571	1	8	10
1572	0	0	2	2
1573	0	0	8	10
1574	0	0	2	2
1575	1577	1	8	10
1578	0	0	24	13
1579	0	0	3	3
1580	0	0	24	13
1581	1586	1	8	10
1587	0	0	24	13
1588	0	0	3	3
1589	0	0	24	13
1590	1591	1	8	10
1592	0	0	2	2
1593	0	0	8	10
1594	0	0	2	2

1595	1597	1	8	10
1598	0	0	24	13
1599	0	0	3	3
1600	0	0	24	13
1601	0	0	25	15
1602	0	0	3	3
1603	0	0	25	15
1604	1609	1	8	10
1610	0	0	25	15
1611	0	0	3	3
1612	0	0	25	15
1613	1614	1	8	10
1615	0	0	2	2
1616	0	0	8	10
1617	0	0	2	2
1618	1620	1	8	10
1621	0	0	25	15
1622	0	0	3	3
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1624	1629	1	8	10
1630	0	0	25	15
1631	0	0	3	3
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1645	0	0	3	3
1646	0	0	25	15
1647	1652	1	8	10
1653	0	0	25	15
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1657	0	0	3	3
1658	0	0	25	15
1659	0	0	26	18
1660	0	0	3	3
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1679	0	0	26	18
1680	0	0	3	3
1681	0	0	26	18
1682	1683	1	7	9
1684	0	0	1	1
1685	0	0	7	9
1686	0	0	1	1
1687	1689	1	7	9
1690	0	0	26	18
1691	0	0	3	3
1692	0	0	26	18
1693	1698	1	6	8
1699	0	0	26	18
1700	0	0	3	3
1701	0	0	26	18
1702	1703	1	6	8
1704	0	0	2	2
1705	0	0	6	8
1706	0	0	2	2
1707	1709	1	6	8
1710	0	0	26	18
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1713	0	0	28	21
1714	0	0	3	3
1715	0	0	28	21
1716	1721	1	6	8
1722	0	0	28	21
1723	0	0	3	3
1724	0	0	28	21
1725	1726	1	6	8
1727	0	0	2	2
1728	0	0	6	8
1729	0	0	2	2
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1733	0	0	28	21
1734	0	0	3	3
1735	0	0	28	21
1736	1741	1	6	8
1742	0	0	28	21
1743	0	0	3	3
1744	0	0	28	21
1745	1746	1	6	8
1747	0	0	2	2
1748	0	0	6	8
1749	0	0	2	2
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1754	0	0	3	3
1755	0	0	28	21
1756	0	0	27	19
1757	0	0	3	3
1758	0	0	27	19
1759	1764	1	6	8

1765	0	0	27	19
1766	0	0	3	3
1767	0	0	27	19
1768	1769	1	6	8
1770	0	0	2	2
1771	0	0	6	8
1772	0	0	2	2
1773	1775	1	6	8
1776	0	0	27	19
1777	0	0	3	3
1778	0	0	27	19
1779	1784	1	6	8
1785	0	0	27	19
1786	0	0	3	3
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1790	0	0	2	2
1791	0	0	6	8
1792	0	0	2	2
1793	1795	1	6	8
1796	0	0	27	19
1797	0	0	3	3
1798	0	0	27	19
1799	0	0	23	11
1800	0	0	3	3
1801	0	0	23	11
1802	1807	1	6	8
1808	0	0	23	11
1809	0	0	3	3
1810	0	0	23	11
1811	1812	1	6	8
1813	0	0	2	2
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1815	0	0	2	2
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1833	0	0	1	1
1834	0	0	5	7
1835	0	0	1	1
1836	1838	1	5	7
1839	0	0	23	11
1840	0	0	3	3
1841	0	0	23	11
1842	1847	1	4	6
1848	1932	1	15	23
1933	2017	1	16	4

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 1132  
TOTAL NUMBER OF ELEMENTS = 2017  
LARGEST ELEMENT NUMBER = 2017  
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 28  
DATA STORAGE LOCATIONS USED = 6051

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

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

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

MATERIAL

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



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0	0	4	0	0	0	7	0	0	0	0	10	0	0
0	0	5	0	0	0	5	0	0	0	0	7	0	0
0	0	6	0	7	1	7	0	0	0	0	10	0	0
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0	0	1834	0	0	0	13	0	0	0	0	20	0	0
0	0	1835	0	0	0	2	0	0	0	0	1	0	0
0	0	1836	0	1838	1	13	0	0	0	0	20	0	0
0	0	1839	0	0	0	14	0	0	0	0	2	0	0
0	0	1840	0	0	0	2	0	0	0	0	1	0	0
0	0	1841	0	0	0	14	0	0	0	0	2	0	0
0	0	1842	0	1847	1	13	0	0	0	0	20	0	0
0	0	1848	0	1932	1	3	0	0	0	0	6	0	0
0	0	1933	0	2017	1	8	0	0	0	0	23	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 1120

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
2	0	0	W	1.00000
10193	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2	0	0	THX	1.00000
10193	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
2	0	0	THY	1.00000
10193	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
2	0	0	THZ	1.00000
10193	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
10193	0	0	W	-1.00000
10194	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10193	0	0	THX	-1.00000
10194	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
10193	0	0	THY	-1.00000
10194	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
10193	0	0	THZ	-1.00000
10194	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
2	0	0	U	0.666667
10193	0	0	U	-0.666667
10193	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2	0	0	V	0.666667
10193	0	0	V	-0.666667
10193	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10193	0	0	U	-1.00000
10193	0	0	THY	-1.00000
10194	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10193	0	0	V	-1.00000
10193	0	0	THX	1.00000
10194	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
5	0	0	W	1.00000
10209	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
5	0	0	THX	1.00000
10209	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
---------------	--------------	--------------	-----------------	-------------

5	0	0	THY	1.00000
10209	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
5	0	0	THZ	1.00000
10209	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
10209	0	0	W	-1.00000
10210	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10209	0	0	THX	-1.00000
10210	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
10209	0	0	THY	-1.00000
10210	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
10209	0	0	THZ	-1.00000
10210	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
5	0	0	U	0.666667
10209	0	0	U	-0.666667
10209	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
5	0	0	V	0.666667
10209	0	0	V	-0.666667
10209	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10209	0	0	U	-1.00000
10209	0	0	THY	-1.00000
10210	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10209	0	0	V	-1.00000
10209	0	0	THX	1.00000
10210	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	W	-1.00000
10229	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	THX	-1.00000
10229	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
10228	0	0	THY	-1.00000
10229	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
10228	0	0	THZ	-1.00000
10229	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
10228	0	0	U	-1.00000
10228	0	0	THY	-1.00000
10229	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	V	-1.00000
10228	0	0	THX	1.00000
10229	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
10240	0	0	W	-1.00000
10241	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10240	0	0	THX	-1.00000
10241	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
10240	0	0	THY	-1.00000
10241	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
10240	0	0	THZ	-1.00000
10241	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
10240	0	0	U	-1.00000
10240	0	0	THY	-1.00000
10241	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10240	0	0	V	-1.00000
10240	0	0	THX	1.00000
10241	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
10265	0	0	W	-1.00000
10266	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10265	0	0	THX	-1.00000
10266	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
10265	0	0	THY	-1.00000
10266	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
10265	0	0	THZ	-1.00000
10266	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
10265	0	0	U	-1.00000
10265	0	0	THY	-1.00000
10266	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10265	0	0	V	-1.00000
10265	0	0	THX	1.00000
10266	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	W	-1.00000
10278	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THX	-1.00000
10278	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THY	-1.00000
10278	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THZ	-1.00000
10278	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	U	-1.00000
10277	0	0	THY	-1.00000
10278	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	V	-1.00000
10277	0	0	THX	1.00000
10278	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	W	-1.00000
10297	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	THX	-1.00000
10297	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	THY	-1.00000
10297	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	THZ	-1.00000
10297	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	U	-1.00000
10296	0	0	THY	-1.00000
10297	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	V	-1.00000
10296	0	0	THX	1.00000
10297	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	W	-1.00000
10309	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THX	-1.00000
10309	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THY	-1.00000
10309	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THZ	-1.00000
10309	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	U	-1.00000
10308	0	0	THY	-1.00000
10309	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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10308	0	0	V	-1.00000
10308	0	0	THX	1.00000
10309	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	W	-1.00000
10334	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	THX	-1.00000
10334	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	THY	-1.00000
10334	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	THZ	-1.00000
10334	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	U	-1.00000
10333	0	0	THY	-1.00000
10334	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	V	-1.00000
10333	0	0	THX	1.00000
10334	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	W	-1.00000
10346	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	THX	-1.00000
10346	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	THY	-1.00000
10346	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	THZ	-1.00000
10346	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	U	-1.00000
10345	0	0	THY	-1.00000
10346	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	V	-1.00000
10345	0	0	THX	1.00000
10346	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	W	-1.00000
10365	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THX	-1.00000
10365	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THY	-1.00000
10365	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THZ	-1.00000
10365	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	U	-1.00000
10364	0	0	THY	-1.00000
10365	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	V	-1.00000
10364	0	0	THX	1.00000
10365	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	W	-1.00000
10377	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THX	-1.00000
10377	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THY	-1.00000
10377	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THZ	-1.00000
10377	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	U	-1.00000
10376	0	0	THY	-1.00000
10377	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	V	-1.00000
10376	0	0	THX	1.00000
10377	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	W	-1.00000
10402	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THX	-1.00000
10402	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THY	-1.00000
10402	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THZ	-1.00000
10402	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	U	-1.00000
10401	0	0	THY	-1.00000
10402	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	V	-1.00000
10401	0	0	THX	1.00000
10402	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	W	-1.00000
10414	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THX	-1.00000
10414	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THY	-1.00000
10414	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THZ	-1.00000
10414	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	U	-1.00000
10413	0	0	THY	-1.00000
10414	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	V	-1.00000
10413	0	0	THX	1.00000
10414	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	W	1.00000
10434	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THX	1.00000
10434	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THY	1.00000
10434	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THZ	1.00000
10434	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	W	-1.00000
10435	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THX	-1.00000
10435	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THY	-1.00000
10435	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THZ	-1.00000
10435	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	U	0.666667
10434	0	0	U	-0.666667

10434 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
7 0 0 V 0.666667  
10434 0 0 V -0.666667  
10434 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10434 0 0 U -1.00000  
10434 0 0 THY -1.00000  
10435 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10434 0 0 V -1.00000  
10434 0 0 THX 1.00000  
10435 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
11 0 0 W 1.00000  
10450 0 0 W -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
11 0 0 THX 1.00000  
10450 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
11 0 0 THY 1.00000  
10450 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
11 0 0 THZ 1.00000  
10450 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10450 0 0 W -1.00000  
10451 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10450 0 0 THX -1.00000  
10451 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10450 0 0 THY -1.00000  
10451 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10450 0 0 THZ -1.00000  
10451 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	U	0.666667
10450	0	0	U	-0.666667
10450	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	V	0.666667
10450	0	0	V	-0.666667
10450	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	U	-1.00000
10450	0	0	THY	-1.00000
10451	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	V	-1.00000
10450	0	0	THX	1.00000
10451	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	W	-1.00000
302	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THX	-1.00000
302	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THY	-1.00000
302	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THZ	-1.00000
302	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	U	-1.00000
301	0	0	THY	-1.00000
302	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	V	-1.00000
301	0	0	THX	1.00000
302	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	W	-1.00000
314	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THX	-1.00000
314	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THY	-1.00000
314	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THZ	-1.00000
314	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	U	-1.00000
313	0	0	THY	-1.00000
314	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	V	-1.00000
313	0	0	THX	1.00000
314	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	W	-1.00000
339	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THX	-1.00000
339	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THY	-1.00000
339	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THZ	-1.00000
339	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	U	-1.00000
338	0	0	THY	-1.00000
339	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	V	-1.00000
338	0	0	THX	1.00000
339	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	W	-1.00000
351	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THX	-1.00000
351	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THY	-1.00000
351	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THZ	-1.00000
351	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	U	-1.00000
350	0	0	THY	-1.00000
351	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	V	-1.00000
350	0	0	THX	1.00000
351	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	W	-1.00000
370	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THX	-1.00000
370	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THY	-1.00000
370	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THZ	-1.00000
370	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	U	-1.00000
369	0	0	THY	-1.00000
370	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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369	0	0	V	-1.00000
369	0	0	THX	1.00000
370	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	W	-1.00000
382	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THX	-1.00000
382	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THY	-1.00000
382	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THZ	-1.00000
382	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	U	-1.00000
381	0	0	THY	-1.00000
382	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	V	-1.00000
381	0	0	THX	1.00000
382	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	W	-1.00000
407	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THX	-1.00000
407	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THY	-1.00000
407	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THZ	-1.00000
407	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	U	-1.00000
406	0	0	THY	-1.00000
407	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	V	-1.00000
406	0	0	THX	1.00000
407	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	W	-1.00000
419	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THX	-1.00000
419	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THY	-1.00000
419	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THZ	-1.00000
419	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	U	-1.00000
418	0	0	THY	-1.00000
419	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	V	-1.00000
418	0	0	THX	1.00000
419	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	W	-1.00000
438	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THX	-1.00000
438	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THY	-1.00000
438	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THZ	-1.00000
438	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	U	-1.00000
437	0	0	THY	-1.00000
438	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	V	-1.00000
437	0	0	THX	1.00000
438	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	W	-1.00000
450	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THX	-1.00000
450	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THY	-1.00000
450	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THZ	-1.00000
450	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	U	-1.00000
449	0	0	THY	-1.00000
450	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	V	-1.00000
449	0	0	THX	1.00000
450	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	W	-1.00000
469	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THX	-1.00000
469	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THY	-1.00000
469	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THZ	-1.00000
469	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	U	-1.00000
468	0	0	THY	-1.00000
469	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	V	-1.00000
468	0	0	THX	1.00000
469	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	W	-1.00000
481	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THX	-1.00000
481	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THY	-1.00000
481	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THZ	-1.00000
481	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	U	-1.00000
480	0	0	THY	-1.00000
481	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	V	-1.00000
480	0	0	THX	1.00000
481	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	W	-1.00000
506	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	THX	-1.00000
506	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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505 0 0 THY -1.00000  
506 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
505 0 0 THZ -1.00000  
506 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
505 0 0 U -1.00000  
505 0 0 THY -1.00000  
506 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 43 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
505 0 0 V -1.00000  
505 0 0 THX 1.00000  
506 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 W -1.00000  
518 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 THX -1.00000  
518 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 THY -1.00000  
518 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 THZ -1.00000  
518 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 U -1.00000  
517 0 0 THY -1.00000  
518 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 V -1.00000  
517 0 0 THX 1.00000  
518 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 46 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
536 0 0 W -1.00000  
537 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
536 0 0 THX -1.00000  
537 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THY	-1.00000
537	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THZ	-1.00000
537	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	U	-1.00000
536	0	0	THY	-1.00000
537	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	V	-1.00000
536	0	0	THX	1.00000
537	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	W	-1.00000
549	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THX	-1.00000
549	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THY	-1.00000
549	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THZ	-1.00000
549	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	U	-1.00000
548	0	0	THY	-1.00000
549	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	V	-1.00000
548	0	0	THX	1.00000
549	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	W	-1.00000
574	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THX	-1.00000
574	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THY	-1.00000
574	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THZ	-1.00000
574	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	U	-1.00000
573	0	0	THY	-1.00000
574	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	V	-1.00000
573	0	0	THX	1.00000
574	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	W	-1.00000
586	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THX	-1.00000
586	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THY	-1.00000
586	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THZ	-1.00000
586	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	U	-1.00000
585	0	0	THY	-1.00000
586	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	V	-1.00000
585	0	0	THX	1.00000
586	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	W	1.00000
606	0	0	W	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	THX	1.00000
606	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	THY	1.00000
606	0	0	THY	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	THZ	1.00000
606	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	W	-1.00000
607	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THX	-1.00000
607	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THY	-1.00000
607	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THZ	-1.00000
607	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	U	0.666667
606	0	0	U	-0.666667
606	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	V	0.666667
606	0	0	V	-0.666667
606	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	U	-1.00000
606	0	0	THY	-1.00000
607	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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606	0	0	V	-1.00000
606	0	0	THX	1.00000
607	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	W	1.00000
622	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THX	1.00000
622	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THY	1.00000
622	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THZ	1.00000
622	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	W	-1.00000
623	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THX	-1.00000
623	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THY	-1.00000
623	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THZ	-1.00000
623	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	U	0.666667
622	0	0	U	-0.666667
622	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	V	0.666667
622	0	0	V	-0.666667
622	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	U	-1.00000
622	0	0	THY	-1.00000
623	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	V	-1.00000
622	0	0	THX	1.00000
623	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	W	-1.00000
642	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THX	-1.00000
642	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THY	-1.00000
642	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THZ	-1.00000
642	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	U	-1.00000
641	0	0	THY	-1.00000
642	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	V	-1.00000
641	0	0	THX	1.00000
642	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	W	-1.00000
654	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THX	-1.00000
654	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THY	-1.00000
654	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THZ	-1.00000
654	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	U	-1.00000
653	0	0	THY	-1.00000
654	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	V	-1.00000
653	0	0	THX	1.00000
654	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	W	-1.00000
679	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THX	-1.00000
679	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THY	-1.00000
679	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THZ	-1.00000
679	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	U	-1.00000
678	0	0	THY	-1.00000
679	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	V	-1.00000
678	0	0	THX	1.00000
679	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	W	-1.00000
691	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THX	-1.00000
691	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THY	-1.00000
691	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THZ	-1.00000
691	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	U	-1.00000
690	0	0	THY	-1.00000
691	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	V	-1.00000
690	0	0	THX	1.00000
691	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	W	-1.00000
710	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THX	-1.00000
710	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THY	-1.00000
710	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THZ	-1.00000
710	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	U	-1.00000
709	0	0	THY	-1.00000
710	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	V	-1.00000
709	0	0	THX	1.00000
710	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	W	-1.00000
722	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THX	-1.00000
722	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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721 0 0 THY -1.00000  
722 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THZ	-1.00000
722	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	U	-1.00000
721	0	0	THY	-1.00000
722	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	V	-1.00000
721	0	0	THX	1.00000
722	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	W	-1.00000
747	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	THX	-1.00000
747	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	THY	-1.00000
747	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	THZ	-1.00000
747	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	U	-1.00000
746	0	0	THY	-1.00000
747	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	V	-1.00000
746	0	0	THX	1.00000
747	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	W	-1.00000
759	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THX	-1.00000
759	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THY	-1.00000
759	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THZ	-1.00000
759	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	U	-1.00000
758	0	0	THY	-1.00000
759	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	V	-1.00000
758	0	0	THX	1.00000
759	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	W	-1.00000
778	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THX	-1.00000
778	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THY	-1.00000
778	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THZ	-1.00000
778	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	U	-1.00000
777	0	0	THY	-1.00000
778	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	V	-1.00000
777	0	0	THX	1.00000
778	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	W	-1.00000
790	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THX	-1.00000
790	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THY	-1.00000
790	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THZ	-1.00000
790	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	U	-1.00000
789	0	0	THY	-1.00000
790	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	V	-1.00000
789	0	0	THX	1.00000
790	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	W	-1.00000
809	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THX	-1.00000
809	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THY	-1.00000
809	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THZ	-1.00000
809	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	U	-1.00000
808	0	0	THY	-1.00000
809	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	V	-1.00000
808	0	0	THX	1.00000
809	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	W	-1.00000
821	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THX	-1.00000
821	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THY	-1.00000
821	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THZ	-1.00000
821	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	U	-1.00000
820	0	0	THY	-1.00000
821	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	V	-1.00000
820	0	0	THX	1.00000
821	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	W	-1.00000
846	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THX	-1.00000
846	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THY	-1.00000
846	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THZ	-1.00000
846	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	U	-1.00000
845	0	0	THY	-1.00000
846	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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845 0 0 V -1.00000  
845 0 0 THX 1.00000  
846 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	W	-1.00000
858	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THX	-1.00000
858	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THY	-1.00000
858	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THZ	-1.00000
858	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	U	-1.00000
857	0	0	THY	-1.00000
858	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	V	-1.00000
857	0	0	THX	1.00000
858	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	W	-1.00000
877	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THX	-1.00000
877	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THY	-1.00000
877	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THZ	-1.00000
877	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	U	-1.00000
876	0	0	THY	-1.00000
877	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	V	-1.00000
876	0	0	THX	1.00000
877	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	W	-1.00000
889	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THX	-1.00000
889	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THY	-1.00000
889	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THZ	-1.00000
889	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	U	-1.00000
888	0	0	THY	-1.00000
889	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	V	-1.00000
888	0	0	THX	1.00000
889	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	W	-1.00000
914	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THX	-1.00000
914	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THY	-1.00000
914	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THZ	-1.00000
914	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	U	-1.00000
913	0	0	THY	-1.00000
914	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	V	-1.00000
913	0	0	THX	1.00000
914	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	W	-1.00000
926	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THX	-1.00000
926	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THY	-1.00000
926	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THZ	-1.00000
926	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	U	-1.00000
925	0	0	THY	-1.00000
926	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	V	-1.00000
925	0	0	THX	1.00000
926	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	W	1.00000
946	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THX	1.00000
946	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THY	1.00000
946	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THZ	1.00000
946	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	W	-1.00000
947	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THX	-1.00000
947	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THY	-1.00000
947	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THZ	-1.00000
947	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	U	0.666667
946	0	0	U	-0.666667
946	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	V	0.666667
946	0	0	V	-0.666667
946	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	U	-1.00000
946	0	0	THY	-1.00000
947	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	V	-1.00000
946	0	0	THX	1.00000
947	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	W	1.00000
962	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	THX	1.00000
962	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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23	0	0	THY	1.00000
962	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	THZ	1.00000
962	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	W	-1.00000
963	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	THX	-1.00000
963	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	THY	-1.00000
963	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	THZ	-1.00000
963	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	U	0.666667
962	0	0	U	-0.666667
962	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	V	0.666667
962	0	0	V	-0.666667
962	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	U	-1.00000
962	0	0	THY	-1.00000
963	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	V	-1.00000
962	0	0	THX	1.00000
963	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	W	-1.00000
982	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	THX	-1.00000
982	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	THY	-1.00000
982	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	THZ	-1.00000
982	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	U	-1.00000
981	0	0	THY	-1.00000
982	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	V	-1.00000
981	0	0	THX	1.00000
982	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	W	-1.00000
994	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THX	-1.00000
994	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THY	-1.00000
994	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THZ	-1.00000
994	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	U	-1.00000
993	0	0	THY	-1.00000
994	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	V	-1.00000
993	0	0	THX	1.00000
994	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	W	-1.00000
1019	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THX	-1.00000
1019	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THY	-1.00000
1019	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THZ	-1.00000
1019	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	U	-1.00000
1018	0	0	THY	-1.00000
1019	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	V	-1.00000
1018	0	0	THX	1.00000
1019	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	W	-1.00000
1031	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THX	-1.00000
1031	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THY	-1.00000
1031	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THZ	-1.00000
1031	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	U	-1.00000
1030	0	0	THY	-1.00000
1031	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	V	-1.00000
1030	0	0	THX	1.00000
1031	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	W	-1.00000
1050	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THX	-1.00000
1050	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THY	-1.00000
1050	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THZ	-1.00000
1050	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	U	-1.00000
1049	0	0	THY	-1.00000
1050	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	V	-1.00000
1049	0	0	THX	1.00000
1050	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	W	-1.00000
1062	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THX	-1.00000
1062	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THY	-1.00000
1062	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THZ	-1.00000
1062	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	U	-1.00000
1061	0	0	THY	-1.00000
1062	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1061	0	0	V	-1.00000
1061	0	0	THX	1.00000
1062	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	W	-1.00000
1087	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THX	-1.00000
1087	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THY	-1.00000
1087	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THZ	-1.00000
1087	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	U	-1.00000
1086	0	0	THY	-1.00000
1087	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	V	-1.00000
1086	0	0	THX	1.00000
1087	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	W	-1.00000
1099	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THX	-1.00000
1099	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THY	-1.00000
1099	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THZ	-1.00000
1099	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	U	-1.00000
1098	0	0	THY	-1.00000
1099	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	V	-1.00000
1098	0	0	THX	1.00000
1099	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	W	-1.00000
1118	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THX	-1.00000
1118	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THY	-1.00000
1118	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THZ	-1.00000
1118	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	U	-1.00000
1117	0	0	THY	-1.00000
1118	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	V	-1.00000
1117	0	0	THX	1.00000
1118	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	W	-1.00000
1130	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THX	-1.00000
1130	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THY	-1.00000
1130	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THZ	-1.00000
1130	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	U	-1.00000
1129	0	0	THY	-1.00000
1130	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	V	-1.00000
1129	0	0	THX	1.00000
1130	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	W	-1.00000
1149	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THX	-1.00000
1149	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THY	-1.00000
1149	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THZ	-1.00000
1149	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	U	-1.00000
1148	0	0	THY	-1.00000
1149	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	V	-1.00000
1148	0	0	THX	1.00000
1149	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	W	-1.00000
1161	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THX	-1.00000
1161	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THY	-1.00000
1161	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THZ	-1.00000
1161	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	U	-1.00000
1160	0	0	THY	-1.00000
1161	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	V	-1.00000
1160	0	0	THX	1.00000
1161	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	W	-1.00000
1186	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THX	-1.00000
1186	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THY	-1.00000
1186	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THZ	-1.00000
1186	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	U	-1.00000
1185	0	0	THY	-1.00000
1186	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	V	-1.00000
1185	0	0	THX	1.00000
1186	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	W	-1.00000
1198	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	THX	-1.00000
1198	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1197 0 0 THY -1.00000  
 1198 0 0 THY 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 1197 0 0 THZ -1.00000  
 1198 0 0 THZ 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 1197 0 0 U -1.00000  
 1197 0 0 THY -1.00000  
 1198 0 0 U 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 105 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 1197 0 0 V -1.00000  
 1197 0 0 THX 1.00000  
 1198 0 0 V 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 106 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 1216 0 0 W -1.00000  
 1217 0 0 W 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 1216 0 0 THX -1.00000  
 1217 0 0 THX 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 1216 0 0 THY -1.00000  
 1217 0 0 THY 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 1216 0 0 THZ -1.00000  
 1217 0 0 THZ 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 1216 0 0 U -1.00000  
 1216 0 0 THY -1.00000  
 1217 0 0 U 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 106 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 1216 0 0 V -1.00000  
 1216 0 0 THX 1.00000  
 1217 0 0 V 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 108 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 1228 0 0 W -1.00000  
 1229 0 0 W 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00  
 FIRST LAST DIFF FREEDOM COEFFICIENT  
 NODE NODE RNCE TYPE  
 1228 0 0 THX -1.00000  
 1229 0 0 THX 1.00000  
 TOTAL NUMBER OF COEFFICIENTS = 2

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THY	-1.00000
1229	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THZ	-1.00000
1229	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	U	-1.00000
1228	0	0	THY	-1.00000
1229	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	V	-1.00000
1228	0	0	THX	1.00000
1229	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	W	-1.00000
1254	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THX	-1.00000
1254	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THY	-1.00000
1254	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THZ	-1.00000
1254	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	U	-1.00000
1253	0	0	THY	-1.00000
1254	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	V	-1.00000
1253	0	0	THX	1.00000
1254	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	W	-1.00000
1266	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THX	-1.00000
1266	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THY	-1.00000
1266	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THZ	-1.00000
1266	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	U	-1.00000
1265	0	0	THY	-1.00000
1266	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	V	-1.00000
1265	0	0	THX	1.00000
1266	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	W	1.00000
1286	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THX	1.00000
1286	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THY	1.00000
1286	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THZ	1.00000
1286	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	W	-1.00000
1287	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	THX	-1.00000
1287	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
1286	0	0	THY	-1.00000
1287	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1286	0	0	THZ	-1.00000
1287	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
26	0	0	U	0.666667
1286	0	0	U	-0.666667
1286	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
26	0	0	V	0.666667
1286	0	0	V	-0.666667
1286	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1286	0	0	U	-1.00000
1286	0	0	THY	-1.00000
1287	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1286	0	0	V	-1.00000
1286	0	0	THX	1.00000
1287	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
30	0	0	W	1.00000
1302	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
30	0	0	THX	1.00000
1302	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
30	0	0	THY	1.00000
1302	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
30	0	0	THZ	1.00000
1302	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1302	0	0	W	-1.00000
1303	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1302	0	0	THX	-1.00000

1303 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 THY -1.00000  
1303 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 THZ -1.00000  
1303 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
30 0 0 U 0.666667  
1302 0 0 U -0.666667  
1302 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
30 0 0 V 0.666667  
1302 0 0 V -0.666667  
1302 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 U -1.00000  
1302 0 0 THY -1.00000  
1303 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 V -1.00000  
1302 0 0 THX 1.00000  
1303 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 W -1.00000  
1322 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 THX -1.00000  
1322 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 THY -1.00000  
1322 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 THZ -1.00000  
1322 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 U -1.00000  
1321 0 0 THY -1.00000  
1322 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	V	-1.00000
1321	0	0	THX	1.00000
1322	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	W	-1.00000
1334	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THX	-1.00000
1334	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THY	-1.00000
1334	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THZ	-1.00000
1334	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	U	-1.00000
1333	0	0	THY	-1.00000
1334	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	V	-1.00000
1333	0	0	THX	1.00000
1334	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	W	-1.00000
1359	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THX	-1.00000
1359	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THY	-1.00000
1359	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THZ	-1.00000
1359	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	U	-1.00000
1358	0	0	THY	-1.00000
1359	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	V	-1.00000
1358	0	0	THX	1.00000
1359	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	W	-1.00000
1371	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THX	-1.00000
1371	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THY	-1.00000
1371	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THZ	-1.00000
1371	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	U	-1.00000
1370	0	0	THY	-1.00000
1371	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	V	-1.00000
1370	0	0	THX	1.00000
1371	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	W	-1.00000
1390	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THX	-1.00000
1390	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THY	-1.00000
1390	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THZ	-1.00000
1390	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	U	-1.00000
1389	0	0	THY	-1.00000
1390	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	V	-1.00000
1389	0	0	THX	1.00000
1390	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	W	-1.00000
1402	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THX	-1.00000
1402	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THY	-1.00000
1402	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THZ	-1.00000
1402	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	U	-1.00000
1401	0	0	THY	-1.00000
1402	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	V	-1.00000
1401	0	0	THX	1.00000
1402	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	W	-1.00000
1427	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THX	-1.00000
1427	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1426 0 0 THY -1.00000  
1427 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1426 0 0 THZ -1.00000  
1427 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1426 0 0 U -1.00000  
1426 0 0 THY -1.00000  
1427 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 124 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1426 0 0 V -1.00000  
1426 0 0 THX 1.00000  
1427 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 126 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1438 0 0 W -1.00000  
1439 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1438 0 0 THX -1.00000  
1439 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1438 0 0 THY -1.00000  
1439 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1438 0 0 THZ -1.00000  
1439 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1438 0 0 U -1.00000  
1438 0 0 THY -1.00000  
1439 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 126 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1438 0 0 V -1.00000  
1438 0 0 THX 1.00000  
1439 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 127 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1457 0 0 W -1.00000  
1458 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1457 0 0 THX -1.00000  
1458 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THY	-1.00000
1458	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THZ	-1.00000
1458	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	U	-1.00000
1457	0	0	THY	-1.00000
1458	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	V	-1.00000
1457	0	0	THX	1.00000
1458	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	W	-1.00000
1470	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THX	-1.00000
1470	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THY	-1.00000
1470	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THZ	-1.00000
1470	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	U	-1.00000
1469	0	0	THY	-1.00000
1470	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	V	-1.00000
1469	0	0	THX	1.00000
1470	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	W	-1.00000
1489	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THX	-1.00000
1489	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THY	-1.00000
1489	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THZ	-1.00000
1489	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	U	-1.00000
1488	0	0	THY	-1.00000
1489	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	V	-1.00000
1488	0	0	THX	1.00000
1489	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	W	-1.00000
1501	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THX	-1.00000
1501	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THY	-1.00000
1501	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THZ	-1.00000
1501	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	U	-1.00000
1500	0	0	THY	-1.00000
1501	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	V	-1.00000
1500	0	0	THX	1.00000
1501	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	W	-1.00000
1526	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THX	-1.00000
1526	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THY	-1.00000
1526	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THZ	-1.00000
1526	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	U	-1.00000
1525	0	0	THY	-1.00000
1526	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	V	-1.00000
1525	0	0	THX	1.00000
1526	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	W	-1.00000
1538	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THX	-1.00000
1538	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THY	-1.00000
1538	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THZ	-1.00000
1538	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	U	-1.00000
1537	0	0	THY	-1.00000
1538	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1537 0 0 V -1.00000  
1537 0 0 THX 1.00000  
1538 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 136 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1556 0 0 W -1.00000  
1557 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1556 0 0 THX -1.00000  
1557 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1556 0 0 THY -1.00000  
1557 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1556 0 0 THZ -1.00000  
1557 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1556 0 0 U -1.00000  
1556 0 0 THY -1.00000  
1557 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 136 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1556 0 0 V -1.00000  
1556 0 0 THX 1.00000  
1557 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 W -1.00000  
1569 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 THX -1.00000  
1569 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 THY -1.00000  
1569 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 THZ -1.00000  
1569 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 U -1.00000  
1568 0 0 THY -1.00000  
1569 0 0 U 1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	V	-1.00000
1568	0	0	THX	1.00000
1569	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	W	-1.00000
1594	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THX	-1.00000
1594	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THY	-1.00000
1594	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THZ	-1.00000
1594	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	U	-1.00000
1593	0	0	THY	-1.00000
1594	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	V	-1.00000
1593	0	0	THX	1.00000
1594	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	W	-1.00000
1606	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THX	-1.00000
1606	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THY	-1.00000
1606	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THZ	-1.00000
1606	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	U	-1.00000
1605	0	0	THY	-1.00000
1606	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	V	-1.00000
1605	0	0	THX	1.00000
1606	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	W	1.00000
1626	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THX	1.00000
1626	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THY	1.00000
1626	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THZ	1.00000
1626	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	W	-1.00000
1627	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THX	-1.00000
1627	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THY	-1.00000
1627	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THZ	-1.00000
1627	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	U	0.666667
1626	0	0	U	-0.666667
1626	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
32	0	0	V	0.666667
1626	0	0	V	-0.666667
1626	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1626	0	0	U	-1.00000
1626	0	0	THY	-1.00000
1627	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1626	0	0	V	-1.00000
1626	0	0	THX	1.00000
1627	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
35	0	0	W	1.00000
1642	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
35	0	0	THX	1.00000
1642	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
35	0	0	THY	1.00000
1642	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
35	0	0	THZ	1.00000
1642	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1642	0	0	W	-1.00000
1643	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1642	0	0	THX	-1.00000
1643	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1642	0	0	THY	-1.00000
1643	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1642	0	0	THZ	-1.00000
1643	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
35	0	0	U	0.666667
1642	0	0	U	-0.666667

1642 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
35 0 0 V 0.666667  
1642 0 0 V -0.666667  
1642 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1642 0 0 U -1.00000  
1642 0 0 THY -1.00000  
1643 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1642 0 0 V -1.00000  
1642 0 0 THX 1.00000  
1643 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 W -1.00000  
1662 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 THX -1.00000  
1662 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 THY -1.00000  
1662 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 THZ -1.00000  
1662 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 U -1.00000  
1661 0 0 THY -1.00000  
1662 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 V -1.00000  
1661 0 0 THX 1.00000  
1662 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 147 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1673 0 0 W -1.00000  
1674 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1673 0 0 THX -1.00000  
1674 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THY	-1.00000
1674	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THZ	-1.00000
1674	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	U	-1.00000
1673	0	0	THY	-1.00000
1674	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	V	-1.00000
1673	0	0	THX	1.00000
1674	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	W	-1.00000
1699	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THX	-1.00000
1699	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THY	-1.00000
1699	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THZ	-1.00000
1699	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	U	-1.00000
1698	0	0	THY	-1.00000
1699	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	V	-1.00000
1698	0	0	THX	1.00000
1699	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	W	-1.00000
1711	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THX	-1.00000
1711	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THY	-1.00000
1711	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THZ	-1.00000
1711	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	U	-1.00000
1710	0	0	THY	-1.00000
1711	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	V	-1.00000
1710	0	0	THX	1.00000
1711	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	W	-1.00000
1730	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THX	-1.00000
1730	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THY	-1.00000
1730	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THZ	-1.00000
1730	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	U	-1.00000
1729	0	0	THY	-1.00000
1730	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	V	-1.00000
1729	0	0	THX	1.00000
1730	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	W	-1.00000
1742	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THX	-1.00000
1742	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THY	-1.00000
1742	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THZ	-1.00000
1742	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	U	-1.00000
1741	0	0	THY	-1.00000
1742	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	V	-1.00000
1741	0	0	THX	1.00000
1742	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	W	-1.00000
1767	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THX	-1.00000
1767	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THY	-1.00000
1767	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THZ	-1.00000
1767	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	U	-1.00000
1766	0	0	THY	-1.00000
1767	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1766 0 0 V -1.00000  
1766 0 0 THX 1.00000  
1767 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 W -1.00000  
1779 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 THX -1.00000  
1779 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 THY -1.00000  
1779 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 THZ -1.00000  
1779 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 U -1.00000  
1778 0 0 THY -1.00000  
1779 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 V -1.00000  
1778 0 0 THX 1.00000  
1779 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 W -1.00000  
1798 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 THX -1.00000  
1798 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 THY -1.00000  
1798 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 THZ -1.00000  
1798 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 U -1.00000  
1797 0 0 THY -1.00000  
1798 0 0 U 1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	V	-1.00000
1797	0	0	THX	1.00000
1798	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	W	-1.00000
1810	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THX	-1.00000
1810	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THY	-1.00000
1810	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THZ	-1.00000
1810	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	U	-1.00000
1809	0	0	THY	-1.00000
1810	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	V	-1.00000
1809	0	0	THX	1.00000
1810	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	W	-1.00000
1829	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THX	-1.00000
1829	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THY	-1.00000
1829	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THZ	-1.00000
1829	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	U	-1.00000
1828	0	0	THY	-1.00000
1829	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	V	-1.00000
1828	0	0	THX	1.00000
1829	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	W	-1.00000
1841	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THX	-1.00000
1841	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THY	-1.00000
1841	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THZ	-1.00000
1841	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	U	-1.00000
1840	0	0	THY	-1.00000
1841	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	V	-1.00000
1840	0	0	THX	1.00000
1841	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	W	-1.00000
1866	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THX	-1.00000
1866	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THY	-1.00000
1866	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THZ	-1.00000
1866	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	U	-1.00000
1865	0	0	THY	-1.00000
1866	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	V	-1.00000
1865	0	0	THX	1.00000
1866	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	W	-1.00000
1878	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THX	-1.00000
1878	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THY	-1.00000
1878	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THZ	-1.00000
1878	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	U	-1.00000
1877	0	0	THY	-1.00000
1878	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	V	-1.00000
1877	0	0	THX	1.00000
1878	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	W	-1.00000
1897	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THX	-1.00000
1897	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1896 0 0 THY -1.00000  
1897 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THZ	-1.00000
1897	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	U	-1.00000
1896	0	0	THY	-1.00000
1897	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	V	-1.00000
1896	0	0	THX	1.00000
1897	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	W	-1.00000
1909	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THX	-1.00000
1909	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THY	-1.00000
1909	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THZ	-1.00000
1909	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	U	-1.00000
1908	0	0	THY	-1.00000
1909	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	V	-1.00000
1908	0	0	THX	1.00000
1909	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	W	-1.00000
1934	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THX	-1.00000
1934	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THY	-1.00000
1934	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THZ	-1.00000
1934	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	U	-1.00000
1933	0	0	THY	-1.00000
1934	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	V	-1.00000
1933	0	0	THX	1.00000
1934	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	W	-1.00000
1946	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THX	-1.00000
1946	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THY	-1.00000
1946	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THZ	-1.00000
1946	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	U	-1.00000
1945	0	0	THY	-1.00000
1946	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	V	-1.00000
1945	0	0	THX	1.00000
1946	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	W	1.00000
1966	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THX	1.00000
1966	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THY	1.00000
1966	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THZ	1.00000
1966	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	W	-1.00000
1967	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THX	-1.00000
1967	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THY	-1.00000
1967	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THZ	-1.00000
1967	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	U	0.666667
1966	0	0	U	-0.666667
1966	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	V	0.666667
1966	0	0	V	-0.666667
1966	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	U	-1.00000
1966	0	0	THY	-1.00000
1967	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	V	-1.00000
1966	0	0	THX	1.00000
1967	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	W	1.00000
1982	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THX	1.00000
1982	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THY	1.00000
1982	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THZ	1.00000
1982	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	W	-1.00000
1983	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THX	-1.00000
1983	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THY	-1.00000
1983	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THZ	-1.00000
1983	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	U	0.666667
1982	0	0	U	-0.666667
1982	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	V	0.666667
1982	0	0	V	-0.666667
1982	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	U	-1.00000
1982	0	0	THY	-1.00000
1983	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1982	0	0	V	-1.00000
1982	0	0	THX	1.00000
1983	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	W	-1.00000
2002	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THX	-1.00000
2002	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THY	-1.00000
2002	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THZ	-1.00000
2002	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	U	-1.00000
2001	0	0	THY	-1.00000
2002	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	V	-1.00000
2001	0	0	THX	1.00000
2002	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	W	-1.00000
2014	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THX	-1.00000
2014	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THY	-1.00000
2014	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THZ	-1.00000
2014	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	U	-1.00000
2013	0	0	THY	-1.00000
2014	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	V	-1.00000
2013	0	0	THX	1.00000
2014	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	W	-1.00000
2039	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THX	-1.00000
2039	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THY	-1.00000
2039	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THZ	-1.00000
2039	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	U	-1.00000
2038	0	0	THY	-1.00000
2039	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	V	-1.00000
2038	0	0	THX	1.00000
2039	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	W	-1.00000
2051	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THX	-1.00000
2051	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THY	-1.00000
2051	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THZ	-1.00000
2051	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	U	-1.00000
2050	0	0	THY	-1.00000
2051	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	V	-1.00000
2050	0	0	THX	1.00000
2051	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	W	-1.00000
2070	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THX	-1.00000
2070	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THY	-1.00000
2070	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THZ	-1.00000
2070	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	U	-1.00000
2069	0	0	THY	-1.00000
2070	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	V	-1.00000
2069	0	0	THX	1.00000
2070	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	W	-1.00000
2082	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THX	-1.00000
2082	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THY	-1.00000
2082	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THZ	-1.00000
2082	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	U	-1.00000
2081	0	0	THY	-1.00000
2082	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	V	-1.00000
2081	0	0	THX	1.00000
2082	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	W	-1.00000
2107	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THX	-1.00000
2107	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THY	-1.00000
2107	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THZ	-1.00000
2107	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	U	-1.00000
2106	0	0	THY	-1.00000
2107	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	V	-1.00000
2106	0	0	THX	1.00000
2107	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	W	-1.00000
2119	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THX	-1.00000
2119	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2118 0 0 THY -1.00000  
2119 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THZ	-1.00000
2119	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	U	-1.00000
2118	0	0	THY	-1.00000
2119	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	V	-1.00000
2118	0	0	THX	1.00000
2119	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	W	-1.00000
2138	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THX	-1.00000
2138	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THY	-1.00000
2138	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THZ	-1.00000
2138	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	U	-1.00000
2137	0	0	THY	-1.00000
2138	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	V	-1.00000
2137	0	0	THX	1.00000
2138	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	W	-1.00000
2150	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THX	-1.00000
2150	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THY	-1.00000
2150	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THZ	-1.00000
2150	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	U	-1.00000
2149	0	0	THY	-1.00000
2150	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	V	-1.00000
2149	0	0	THX	1.00000
2150	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	W	-1.00000
2169	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THX	-1.00000
2169	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THY	-1.00000
2169	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THZ	-1.00000
2169	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	U	-1.00000
2168	0	0	THY	-1.00000
2169	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	V	-1.00000
2168	0	0	THX	1.00000
2169	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	W	-1.00000
2181	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THX	-1.00000
2181	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THY	-1.00000
2181	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THZ	-1.00000
2181	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	U	-1.00000
2180	0	0	THY	-1.00000
2181	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	V	-1.00000
2180	0	0	THX	1.00000
2181	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	W	-1.00000
2206	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THX	-1.00000
2206	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THY	-1.00000
2206	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THZ	-1.00000
2206	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	U	-1.00000
2205	0	0	THY	-1.00000
2206	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	V	-1.00000
2205	0	0	THX	1.00000
2206	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 195 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 W -1.00000  
2218 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 THX -1.00000  
2218 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 THY -1.00000  
2218 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 THZ -1.00000  
2218 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 U -1.00000  
2217 0 0 THY -1.00000  
2218 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 195 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 V -1.00000  
2217 0 0 THX 1.00000  
2218 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 196 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 W -1.00000  
2237 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 THX -1.00000  
2237 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 THY -1.00000  
2237 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 THZ -1.00000  
2237 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 U -1.00000  
2236 0 0 THY -1.00000  
2237 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 196 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE

2236 0 0 V -1.00000  
2236 0 0 THX 1.00000  
2237 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 W -1.00000  
2249 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 THX -1.00000  
2249 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 THY -1.00000  
2249 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 THZ -1.00000  
2249 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 U -1.00000  
2248 0 0 THY -1.00000  
2249 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 V -1.00000  
2248 0 0 THX 1.00000  
2249 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 W -1.00000  
2274 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 THX -1.00000  
2274 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 THY -1.00000  
2274 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 THZ -1.00000  
2274 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 U -1.00000  
2273 0 0 THY -1.00000  
2274 0 0 U 1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	V	-1.00000
2273	0	0	THX	1.00000
2274	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	W	-1.00000
2286	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THX	-1.00000
2286	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THY	-1.00000
2286	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THZ	-1.00000
2286	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	U	-1.00000
2285	0	0	THY	-1.00000
2286	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	V	-1.00000
2285	0	0	THX	1.00000
2286	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	W	1.00000
2306	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THX	1.00000
2306	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THY	1.00000
2306	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THZ	1.00000
2306	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	W	-1.00000
2307	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THX	-1.00000
2307	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THY	-1.00000
2307	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THZ	-1.00000
2307	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	U	0.666667
2306	0	0	U	-0.666667
2306	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	V	0.666667
2306	0	0	V	-0.666667
2306	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	U	-1.00000
2306	0	0	THY	-1.00000
2307	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	V	-1.00000
2306	0	0	THX	1.00000
2307	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	W	1.00000
2322	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THX	1.00000
2322	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THY	1.00000
2322	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THZ	1.00000
2322	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	W	-1.00000
2323	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THX	-1.00000
2323	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THY	-1.00000
2323	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THZ	-1.00000
2323	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	U	0.666667
2322	0	0	U	-0.666667
2322	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	V	0.666667
2322	0	0	V	-0.666667
2322	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	U	-1.00000
2322	0	0	THY	-1.00000
2323	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	V	-1.00000
2322	0	0	THX	1.00000
2323	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	W	-1.00000
2342	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	THX	-1.00000
2342	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2341 0 0 THY -1.00000  
2342 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2341 0 0 THZ -1.00000  
2342 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2341 0 0 U -1.00000  
2341 0 0 THY -1.00000  
2342 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 205 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2341 0 0 V -1.00000  
2341 0 0 THX 1.00000  
2342 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 W -1.00000  
2354 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 THX -1.00000  
2354 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 THY -1.00000  
2354 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 THZ -1.00000  
2354 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 U -1.00000  
2353 0 0 THY -1.00000  
2354 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 V -1.00000  
2353 0 0 THX 1.00000  
2354 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 208 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2384 0 0 W -1.00000  
2385 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2384 0 0 THX -1.00000  
2385 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THY	-1.00000
2385	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THZ	-1.00000
2385	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	U	-1.00000
2384	0	0	THY	-1.00000
2385	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	V	-1.00000
2384	0	0	THX	1.00000
2385	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	W	-1.00000
2397	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THX	-1.00000
2397	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THY	-1.00000
2397	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THZ	-1.00000
2397	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	U	-1.00000
2396	0	0	THY	-1.00000
2397	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	V	-1.00000
2396	0	0	THX	1.00000
2397	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	W	-1.00000
2416	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THX	-1.00000
2416	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THY	-1.00000
2416	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THZ	-1.00000
2416	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	U	-1.00000
2415	0	0	THY	-1.00000
2416	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	V	-1.00000
2415	0	0	THX	1.00000
2416	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	W	-1.00000
2428	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THX	-1.00000
2428	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THY	-1.00000
2428	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THZ	-1.00000
2428	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	U	-1.00000
2427	0	0	THY	-1.00000
2428	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	V	-1.00000
2427	0	0	THX	1.00000
2428	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	W	-1.00000
2453	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	THX	-1.00000
2453	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	THY	-1.00000
2453	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	THZ	-1.00000
2453	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	U	-1.00000
2452	0	0	THY	-1.00000
2453	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	V	-1.00000
2452	0	0	THX	1.00000
2453	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	W	-1.00000
2465	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THX	-1.00000
2465	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THY	-1.00000
2465	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THZ	-1.00000
2465	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	U	-1.00000
2464	0	0	THY	-1.00000
2465	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2464 0 0 V -1.00000  
2464 0 0 THX 1.00000  
2465 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 217 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2483 0 0 W -1.00000  
2484 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2483 0 0 THX -1.00000  
2484 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2483 0 0 THY -1.00000  
2484 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2483 0 0 THZ -1.00000  
2484 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2483 0 0 U -1.00000  
2483 0 0 THY -1.00000  
2484 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 217 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2483 0 0 V -1.00000  
2483 0 0 THX 1.00000  
2484 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 219 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2495 0 0 W -1.00000  
2496 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2495 0 0 THX -1.00000  
2496 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2495 0 0 THY -1.00000  
2496 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2495 0 0 THZ -1.00000  
2496 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2495 0 0 U -1.00000  
2495 0 0 THY -1.00000  
2496 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	V	-1.00000
2495	0	0	THX	1.00000
2496	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	W	-1.00000
2515	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THX	-1.00000
2515	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THY	-1.00000
2515	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THZ	-1.00000
2515	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	U	-1.00000
2514	0	0	THY	-1.00000
2515	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	V	-1.00000
2514	0	0	THX	1.00000
2515	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	W	-1.00000
2527	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THX	-1.00000
2527	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THY	-1.00000
2527	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THZ	-1.00000
2527	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	U	-1.00000
2526	0	0	THY	-1.00000
2527	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	V	-1.00000
2526	0	0	THX	1.00000
2527	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	W	-1.00000
2552	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THX	-1.00000
2552	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THY	-1.00000
2552	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THZ	-1.00000
2552	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	U	-1.00000
2551	0	0	THY	-1.00000
2552	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	V	-1.00000
2551	0	0	THX	1.00000
2552	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	W	-1.00000
2564	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THX	-1.00000
2564	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THY	-1.00000
2564	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THZ	-1.00000
2564	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	U	-1.00000
2563	0	0	THY	-1.00000
2564	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	V	-1.00000
2563	0	0	THX	1.00000
2564	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	W	-1.00000
2583	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THX	-1.00000
2583	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THY	-1.00000
2583	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THZ	-1.00000
2583	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	U	-1.00000
2582	0	0	THY	-1.00000
2583	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	V	-1.00000
2582	0	0	THX	1.00000
2583	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	W	-1.00000
2595	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THX	-1.00000
2595	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2594 0 0 THY -1.00000  
2595 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2594 0 0 THZ -1.00000  
2595 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2594 0 0 U -1.00000  
2594 0 0 THY -1.00000  
2595 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 228 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2594 0 0 V -1.00000  
2594 0 0 THX 1.00000  
2595 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 229 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2631 0 0 W -1.00000  
2632 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2631 0 0 THX -1.00000  
2632 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2631 0 0 THY -1.00000  
2632 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2631 0 0 THZ -1.00000  
2632 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2631 0 0 U -1.00000  
2631 0 0 THY -1.00000  
2632 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 229 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2631 0 0 V -1.00000  
2631 0 0 THX 1.00000  
2632 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 231 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2643 0 0 W -1.00000  
2644 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2643 0 0 THX -1.00000  
2644 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THY	-1.00000
2644	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THZ	-1.00000
2644	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	U	-1.00000
2643	0	0	THY	-1.00000
2644	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	V	-1.00000
2643	0	0	THX	1.00000
2644	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	W	1.00000
2664	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THX	1.00000
2664	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THY	1.00000
2664	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THZ	1.00000
2664	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	W	-1.00000
2665	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THX	-1.00000
2665	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THY	-1.00000
2665	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THZ	-1.00000
2665	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	U	0.666667
2664	0	0	U	-0.666667
2664	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	V	0.666667
2664	0	0	V	-0.666667
2664	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	U	-1.00000
2664	0	0	THY	-1.00000
2665	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	V	-1.00000
2664	0	0	THX	1.00000
2665	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	W	1.00000
2680	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THX	1.00000
2680	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THY	1.00000
2680	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THZ	1.00000
2680	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	W	-1.00000
2681	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	THX	-1.00000
2681	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2680	0	0	THY	-1.00000
2681	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2680	0	0	THZ	-1.00000
2681	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
53	0	0	U	0.666667
2680	0	0	U	-0.666667
2680	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
53	0	0	V	0.666667
2680	0	0	V	-0.666667
2680	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2680	0	0	U	-1.00000
2680	0	0	THY	-1.00000
2681	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2680	0	0	V	-1.00000
2680	0	0	THX	1.00000
2681	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2699	0	0	W	-1.00000
2700	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2699	0	0	THX	-1.00000
2700	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2699	0	0	THY	-1.00000
2700	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2699	0	0	THZ	-1.00000
2700	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2699	0	0	U	-1.00000
2699	0	0	THY	-1.00000
2700	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	

2699	0	0	V	-1.00000
2699	0	0	THX	1.00000
2700	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	W	-1.00000
2712	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THX	-1.00000
2712	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THY	-1.00000
2712	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THZ	-1.00000
2712	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	U	-1.00000
2711	0	0	THY	-1.00000
2712	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	V	-1.00000
2711	0	0	THX	1.00000
2712	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	W	-1.00000
2737	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THX	-1.00000
2737	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THY	-1.00000
2737	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THZ	-1.00000
2737	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	U	-1.00000
2736	0	0	THY	-1.00000
2737	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	V	-1.00000
2736	0	0	THX	1.00000
2737	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	W	-1.00000
2749	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THX	-1.00000
2749	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THY	-1.00000
2749	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THZ	-1.00000
2749	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	U	-1.00000
2748	0	0	THY	-1.00000
2749	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	V	-1.00000
2748	0	0	THX	1.00000
2749	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	W	-1.00000
2768	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THX	-1.00000
2768	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THY	-1.00000
2768	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THZ	-1.00000
2768	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	U	-1.00000
2767	0	0	THY	-1.00000
2768	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	V	-1.00000
2767	0	0	THX	1.00000
2768	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	W	-1.00000
2780	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THX	-1.00000
2780	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THY	-1.00000
2780	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THZ	-1.00000
2780	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	U	-1.00000
2779	0	0	THY	-1.00000
2780	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	V	-1.00000
2779	0	0	THX	1.00000
2780	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	W	-1.00000
2805	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THX	-1.00000
2805	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THY	-1.00000
2805	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THZ	-1.00000
2805	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	U	-1.00000
2804	0	0	THY	-1.00000
2805	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	V	-1.00000
2804	0	0	THX	1.00000
2805	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	W	-1.00000
2817	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THX	-1.00000
2817	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THY	-1.00000
2817	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THZ	-1.00000
2817	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	U	-1.00000
2816	0	0	THY	-1.00000
2817	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	V	-1.00000
2816	0	0	THX	1.00000
2817	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	W	-1.00000
2836	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THX	-1.00000
2836	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2835 0 0 THY -1.00000  
2836 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2835 0 0 THZ -1.00000  
2836 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2835 0 0 U -1.00000  
2835 0 0 THY -1.00000  
2836 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 247 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2835 0 0 V -1.00000  
2835 0 0 THX 1.00000  
2836 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 249 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2847 0 0 W -1.00000  
2848 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2847 0 0 THX -1.00000  
2848 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2847 0 0 THY -1.00000  
2848 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2847 0 0 THZ -1.00000  
2848 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2847 0 0 U -1.00000  
2847 0 0 THY -1.00000  
2848 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 249 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2847 0 0 V -1.00000  
2847 0 0 THX 1.00000  
2848 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 250 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2872 0 0 W -1.00000  
2873 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2872 0 0 THX -1.00000  
2873 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THY	-1.00000
2873	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THZ	-1.00000
2873	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	U	-1.00000
2872	0	0	THY	-1.00000
2873	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	V	-1.00000
2872	0	0	THX	1.00000
2873	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	W	-1.00000
2885	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THX	-1.00000
2885	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THY	-1.00000
2885	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THZ	-1.00000
2885	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	U	-1.00000
2884	0	0	THY	-1.00000
2885	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	V	-1.00000
2884	0	0	THX	1.00000
2885	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	W	1.00000
2905	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	W	-1.00000
2906	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THX	-1.00000
2906	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THY	-1.00000
2906	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THZ	-1.00000
2906	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	U	0.666667
2905	0	0	U	-0.666667
2905	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	V	0.666667
2905	0	0	V	-0.666667
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	U	-1.00000
2905	0	0	THY	-1.00000
2906	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	V	-1.00000
2905	0	0	THX	1.00000
2906	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	W	1.00000
2921	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THX	1.00000
2921	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THY	1.00000
2921	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THZ	1.00000
2921	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	W	-1.00000
2922	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THX	-1.00000
2922	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THY	-1.00000
2922	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THZ	-1.00000
2922	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	U	0.666667
2921	0	0	U	-0.666667
2921	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	V	0.666667
2921	0	0	V	-0.666667
2921	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	U	-1.00000
2921	0	0	THY	-1.00000
2922	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2921	0	0	V	-1.00000
2921	0	0	THX	1.00000
2922	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	V	1.00000
3	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THX	1.00000
3	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THY	1.00000
3	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THZ	1.00000
3	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	V	-1.00000
6	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THX	-1.00000
6	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THY	-1.00000
6	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THZ	-1.00000
6	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	U	0.285714
3	0	0	U	-0.285714
3	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	W	0.285714
3	0	0	W	-0.285714
3	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	U	-0.285714
3	0	0	THZ	1.00000
6	0	0	U	0.285714



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	W	-0.285714
3	0	0	THX	-1.000000
6	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	V	1.000000
9	0	0	V	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THX	1.000000
9	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THY	1.000000
9	0	0	THY	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THZ	1.000000
9	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	V	-1.000000
12	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THX	-1.000000
12	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THY	-1.000000
12	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THZ	-1.000000
12	0	0	THZ	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	U	0.285714
9	0	0	U	-0.285714
9	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	W	0.285714
9	0	0	W	-0.285714
9	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	U	-0.285714
9	0	0	THZ	1.00000
12	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	W	-0.285714
9	0	0	THX	-1.00000
12	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	V	1.00000
15	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THX	1.00000
15	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THY	1.00000
15	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THZ	1.00000
15	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	V	-1.00000
18	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THX	-1.00000
18	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THY	-1.00000
18	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THZ	-1.00000
18	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	U	0.285714
15	0	0	U	-0.285714
15	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
-------	------	------	---------	-------------

NODE	NODE	RNCE	TYPE	
13	0	0	W	0.285714
15	0	0	W	-0.285714
15	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	U	-0.285714
15	0	0	THZ	1.00000
18	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	W	-0.285714
15	0	0	THX	-1.00000
18	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	V	1.00000
22	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THX	1.00000
22	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THY	1.00000
22	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THZ	1.00000
22	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	V	-1.00000
24	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THX	-1.00000
24	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THY	-1.00000
24	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THZ	-1.00000
24	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	U	0.285714
22	0	0	U	-0.285714

22 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
19 0 0 W 0.285714  
22 0 0 W -0.285714  
22 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
22 0 0 U -0.285714  
22 0 0 THZ 1.00000  
24 0 0 U 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
22 0 0 W -0.285714  
22 0 0 THX -1.00000  
24 0 0 W 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
25 0 0 V 1.00000  
28 0 0 V -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
25 0 0 THX 1.00000  
28 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
25 0 0 THY 1.00000  
28 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
25 0 0 THZ 1.00000  
28 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
28 0 0 V -1.00000  
29 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
28 0 0 THX -1.00000  
29 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
28 0 0 THY -1.00000  
29 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
28 0 0 THZ -1.00000  
29 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	U	0.285714
28	0	0	U	-0.285714
28	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	W	0.285714
28	0	0	W	-0.285714
28	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	U	-0.285714
28	0	0	THZ	1.00000
29	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	W	-0.285714
28	0	0	THX	-1.00000
29	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	V	1.00000
33	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THX	1.00000
33	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THY	1.00000
33	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THZ	1.00000
33	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	V	-1.00000
36	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THX	-1.00000
36	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THY	-1.00000
36	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THZ	-1.00000
36	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	U	0.285714
33	0	0	U	-0.285714
33	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	W	0.285714
33	0	0	W	-0.285714
33	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	U	-0.285714
33	0	0	THZ	1.00000
36	0	0	U	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	W	-0.285714
33	0	0	THX	-1.00000
36	0	0	W	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	V	1.00000
40	0	0	V	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THX	1.00000
40	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THY	1.00000
40	0	0	THY	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THZ	1.00000
40	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	V	-1.00000
42	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THX	-1.00000
42	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
40	0	0	THY	-1.00000
42	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THZ	-1.00000
42	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	U	0.285714
40	0	0	U	-0.285714
40	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	W	0.285714
40	0	0	W	-0.285714
40	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	U	-0.285714
40	0	0	THZ	1.00000
42	0	0	U	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	W	-0.285714
40	0	0	THX	-1.00000
42	0	0	W	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	V	1.00000
45	0	0	V	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THX	1.00000
45	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THY	1.00000
45	0	0	THY	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THZ	1.00000
45	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	V	-1.00000
47	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	THX	-1.00000

47 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
45 0 0 THY -1.00000  
47 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
45 0 0 THZ -1.00000  
47 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
43 0 0 U 0.285714  
45 0 0 U -0.285714  
45 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
43 0 0 W 0.285714  
45 0 0 W -0.285714  
45 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
45 0 0 U -0.285714  
45 0 0 THZ 1.00000  
47 0 0 U 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
45 0 0 W -0.285714  
45 0 0 THX -1.00000  
47 0 0 W 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
56 0 0 V 1.00000  
58 0 0 V -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
56 0 0 THX 1.00000  
58 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
56 0 0 THY 1.00000  
58 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
56 0 0 THZ 1.00000  
58 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
58 0 0 V -1.00000  
59 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	THX	-1.00000
59	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	THY	-1.00000
59	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	THZ	-1.00000
59	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	U	0.285714
58	0	0	U	-0.285714
58	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	W	0.285714
58	0	0	W	-0.285714
58	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	U	-0.285714
58	0	0	THZ	1.00000
59	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	W	-0.285714
58	0	0	THX	-1.00000
59	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	V	1.00000
52	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THX	1.00000
52	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THY	1.00000
52	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THZ	1.00000
52	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	V	-1.00000
54	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	THX	-1.00000
54	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	THY	-1.00000
54	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	THZ	-1.00000
54	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	U	0.285714
52	0	0	U	-0.285714
52	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	W	0.285714
52	0	0	W	-0.285714
52	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	U	-0.285714
52	0	0	THZ	1.00000
54	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	W	-0.285714
52	0	0	THX	-1.00000
54	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 1260  
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 3  
 LARGEST NODE NUMBER ENCOUNTERED = 10451  
 DATA STORAGE LOCATIONS USED = 10923

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	CONSTANT	SUPPORT CONDITION	CONSTANT	SUPPORT CONDITION	CONSTANT	SUPPORT CONDITION	CONSTANT	SUPPORT CONDITION	CONSTANT
					OR		OR		OR		OR	
						VISCOUS SUPPT		VISCOUS SUPPT		VISCOUS SUPPT		VISCOUS SUPPT

























10529	0	0	0.00000E+00	0.00000E+00	-25143.	0.00000E+00	0.00000E+00	0.00000E+00
10532	0	0	0.00000E+00	0.00000E+00	-20611.	0.00000E+00	0.00000E+00	0.00000E+00
10533	0	0	0.00000E+00	0.00000E+00	-11588.	0.00000E+00	0.00000E+00	0.00000E+00
10536	0	0	0.00000E+00	0.00000E+00	-24364.	0.00000E+00	0.00000E+00	0.00000E+00
10539	0	0	0.00000E+00	0.00000E+00	-24810.	0.00000E+00	0.00000E+00	0.00000E+00
10542	0	0	0.00000E+00	0.00000E+00	-11579.	0.00000E+00	0.00000E+00	0.00000E+00
10543	0	0	0.00000E+00	0.00000E+00	-19645.	0.00000E+00	0.00000E+00	0.00000E+00
10546	0	0	0.00000E+00	0.00000E+00	-26035.	0.00000E+00	0.00000E+00	0.00000E+00
10549	0	0	0.00000E+00	0.00000E+00	-19330.	0.00000E+00	0.00000E+00	0.00000E+00
10550	0	0	0.00000E+00	0.00000E+00	-11584.	0.00000E+00	0.00000E+00	0.00000E+00
10553	0	0	0.00000E+00	0.00000E+00	-25119.	0.00000E+00	0.00000E+00	0.00000E+00
10556	0	0	0.00000E+00	0.00000E+00	-24522.	0.00000E+00	0.00000E+00	0.00000E+00
10559	0	0	0.00000E+00	0.00000E+00	-8588.8	0.00000E+00	0.00000E+00	0.00000E+00
10560	0	0	0.00000E+00	0.00000E+00	-19084.	0.00000E+00	0.00000E+00	0.00000E+00
10563	0	0	0.00000E+00	0.00000E+00	-24823.	0.00000E+00	0.00000E+00	0.00000E+00
10566	0	0	0.00000E+00	0.00000E+00	-22147.	0.00000E+00	0.00000E+00	0.00000E+00
10567	0	0	0.00000E+00	0.00000E+00	-8736.6	0.00000E+00	0.00000E+00	0.00000E+00
10570	0	0	0.00000E+00	0.00000E+00	-26031.	0.00000E+00	0.00000E+00	0.00000E+00
10573	0	0	0.00000E+00	0.00000E+00	-25766.	0.00000E+00	0.00000E+00	0.00000E+00
10576	0	0	0.00000E+00	0.00000E+00	-8748.0	0.00000E+00	0.00000E+00	0.00000E+00
10577	0	0	0.00000E+00	0.00000E+00	-21540.	0.00000E+00	0.00000E+00	0.00000E+00
10580	0	0	0.00000E+00	0.00000E+00	-24558.	0.00000E+00	0.00000E+00	0.00000E+00
10583	0	0	0.00000E+00	0.00000E+00	-19451.	0.00000E+00	0.00000E+00	0.00000E+00
10584	0	0	0.00000E+00	0.00000E+00	-8660.2	0.00000E+00	0.00000E+00	0.00000E+00
10587	0	0	0.00000E+00	0.00000E+00	-24787.	0.00000E+00	0.00000E+00	0.00000E+00
10590	0	0	0.00000E+00	0.00000E+00	-25398.	0.00000E+00	0.00000E+00	0.00000E+00
10593	0	0	0.00000E+00	0.00000E+00	-11582.	0.00000E+00	0.00000E+00	0.00000E+00
10594	0	0	0.00000E+00	0.00000E+00	-19086.	0.00000E+00	0.00000E+00	0.00000E+00
10597	0	0	0.00000E+00	0.00000E+00	-25834.	0.00000E+00	0.00000E+00	0.00000E+00
10600	0	0	0.00000E+00	0.00000E+00	-19856.	0.00000E+00	0.00000E+00	0.00000E+00
10601	0	0	0.00000E+00	0.00000E+00	-11570.	0.00000E+00	0.00000E+00	0.00000E+00
10604	0	0	0.00000E+00	0.00000E+00	-24643.	0.00000E+00	0.00000E+00	0.00000E+00
10607	0	0	0.00000E+00	0.00000E+00	-24378.	0.00000E+00	0.00000E+00	0.00000E+00
10610	0	0	0.00000E+00	0.00000E+00	-11575.	0.00000E+00	0.00000E+00	0.00000E+00
10611	0	0	0.00000E+00	0.00000E+00	-20430.	0.00000E+00	0.00000E+00	0.00000E+00
10614	0	0	0.00000E+00	0.00000E+00	-25302.	0.00000E+00	0.00000E+00	0.00000E+00
10617	0	0	0.00000E+00	0.00000E+00	-23194.	0.00000E+00	0.00000E+00	0.00000E+00
10618	0	0	0.00000E+00	0.00000E+00	-8685.3	0.00000E+00	0.00000E+00	0.00000E+00
10621	0	0	0.00000E+00	0.00000E+00	-25929.	0.00000E+00	0.00000E+00	0.00000E+00
10624	0	0	0.00000E+00	0.00000E+00	-25342.	0.00000E+00	0.00000E+00	0.00000E+00
10627	0	0	0.00000E+00	0.00000E+00	-8739.0	0.00000E+00	0.00000E+00	0.00000E+00
10628	0	0	0.00000E+00	0.00000E+00	-20567.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 1303  
LARGEST NODE OR ELEMENT NUMBER = 10628

DATA STORAGE LOCATIONS USED = 10445

#### 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	2017	1	0	0	0	0	0
TOTAL NUMBER OF ELEMENT OUTPUT SETS =				1			
TOTAL NUMBER OF ELEMENTS OUTPUT =				2017			
LARGEST ELEMENT NUMBER INPUT =				2017			
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	3331	1	0	0
3743	3754	1	0	0
8152	8154	2	0	0
8155	8159	1	0	0
8161	8164	1	0	0
8166	8172	1	0	0
8180	8182	2	0	0
8183	8187	1	0	0
8189	8192	1	0	0
8194	8195	1	0	0
8198	8201	3	0	0
8205	8206	1	0	0
8211	8214	3	0	0
8215	8218	3	0	0
8219	8223	4	0	0
8225	8226	1	0	0
8228	8229	1	0	0
8231	8232	1	0	0
8234	8238	4	0	0
8249	8264	15	0	0

8296	8302	6	0	0
8318	8321	3	0	0
8470	8471	1	0	0
8477	8478	1	0	0
8481	8482	1	0	0
8485	8486	1	0	0
8489	8490	1	0	0
8509	8510	1	0	0
8513	8514	1	0	0
8517	8518	1	0	0
8521	8524	3	0	0
8525	8528	3	0	0
8529	8532	3	0	0
8533	8549	16	0	0
8550	8553	3	0	0
8554	8557	3	0	0
8558	8697	139	0	0
8750	8776	26	0	0
8779	8794	15	0	0
8804	8827	23	0	0
8830	8833	3	0	0
8967	8976	3	0	0
8978	8985	7	0	0
8987	8992	5	0	0
8996	9002	2	0	0
9009	9018	3	0	0
9024	9030	2	0	0
9033	9041	4	0	0
9043	9048	5	0	0
9062	9074	3	0	0
9081	9089	2	0	0
9096	9106	2	0	0
9226	9236	2	0	0
9241	9245	2	0	0
9248	9254	3	0	0
9256	9260	4	0	0
9269	9278	3	0	0
9283	9291	2	0	0
9295	9299	4	0	0
9302	9308	3	0	0
9315	9327	3	0	0
9333	9974	641	0	0
9976	9977	1	0	0
9980	9981	1	0	0
9983	9984	1	0	0
9986	9987	1	0	0
9989	9991	2	0	0
9992	10004	1	0	0
10006	10019	1	0	0
10021	10035	1	0	0
10038	10040	2	0	0
10041	10053	1	0	0
10055	10068	1	0	0
10070	10084	1	0	0
10087	10088	1	0	0
10090	10091	1	0	0
10093	10094	1	0	0
10096	10097	1	0	0
10100	10110	1	0	0
10112	10122	1	0	0
10124	10134	1	0	0
10136	10138	2	0	0
10139	10151	1	0	0
10153	10166	1	0	0
10168	10169	1	0	0
10171	10173	2	0	0
10179	10183	2	0	0
10187	10189	2	0	0
10193	10194	1	0	0
10209	10210	1	0	0
10212	10214	2	0	0
10218	10220	2	0	0
10224	10228	2	0	0
10229	10240	11	0	0
10241	10245	2	0	0
10249	10251	2	0	0
10255	10257	2	0	0
10261	10265	2	0	0
10266	10277	11	0	0
10278	10282	2	0	0
10286	10288	2	0	0
10292	10296	2	0	0
10297	10308	11	0	0
10309	10313	2	0	0
10317	10319	2	0	0
10323	10325	2	0	0
10329	10333	2	0	0
10334	10345	11	0	0
10346	10350	2	0	0
10354	10356	2	0	0
10360	10364	2	0	0
10365	10376	11	0	0
10377	10381	2	0	0
10385	10387	2	0	0
10391	10393	2	0	0
10397	10401	2	0	0
10402	10413	11	0	0
10414	10418	2	0	0
10422	10424	2	0	0
10428	10430	2	0	0
10434	10435	1	0	0
10450	10451	1	0	0
10453	10455	2	0	0
10459	10461	2	0	0
10464	10467	3	0	0





8 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00  
 TOTALS FOR STRUCTURE 0.541066E+08 0.624857E+11 0.625396E+11 -0.667572E-05 0.465661E-08 -62499.8

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  
 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)  
 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)  
 14 0.600984E+11 0.600452E+11 0.532203E+08 ( 0.00, 0.00, 1.00) ( 0.00, 1.00, 0.00) ( 1.00, 0.00, 0.00)  
 2 0.244119E+10 0.244046E+10 799488. (-0.00, 0.00, 1.00) ( 0.00, 1.00, 0.00) ( 1.00, -0.00, 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)  
 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)  
 TOTALS FOR STRUCTURE 0.625396E+11 0.624857E+11 0.541066E+08 (-0.00, 0.00, 1.00) ( 0.00, 1.00, 0.00) ( 1.00, 0.00, 0.00)

FORCE OUTPUT GROUP ----- RESULTANT APPLIED LOAD AT ORIGIN IN GLOBAL DIRECTIONS -----  
 Fx Fy Fz Mx My Mz  
 N N N N .M N .M N .M  
 LOAD CASE 3  
 TOTALS FOR STRUCTURE 0.000000E+00 0.000000E+00 -0.194392E+08 -0.109358E+09 0.399622E+10 0.000000E+00

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2243

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.60000E-02 SEC.  
 TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 112110

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 1731988  
 LOCATIONS AVAILABLE = 15000000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 10248  
 TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 10248  
 TOTAL NO. OF EQUATIONS = 11508  
 TOTAL NO. OF ACTIVE NODES = 1708

NUMBER OF ELEMENT GROUPS = 2  
 MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1902

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 393373  
 MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 521300  
 MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0  
 MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 301462  
 TOTAL SIZE OF ELEMENT DATA RECORDS = 417474  
 TOTAL SIZE OF ELEMENT RESULT RECORDS = 532270  
 TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0  
 TOTAL SIZE OF GLOBAL SOLUTION RECORD = 68528  
 TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 191179

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

TIME AT CENTRAL PROCESSOR = 10:27:05 ON 22/06/23 (DAY/MTH/YR)

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

=====

= Parallel multifrontal solver statistics =  
 =====  
 Solving symmetric indefinite matrix  
 Minimum degree equation re-ordering algorithm used  
 Number of nonzeros in L and U = 198069  
 Number of iterative refinement steps = 4  
 Number of positive eigenvalues = 10188  
 Number of negative eigenvalues = 1260  
 Peak memory used during analysis and symbolic factorisation (MB) = 7.47  
 Total peak memory used during solve (MB) = 10.03  
 In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION = 0.83561E-26

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

LOCATIONS USED DURING POST-SOLUTION PROCESS = 1810614  
 LOCATIONS AVAILABLE = 15000000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 2017  
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.25900 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.65000 SEC.

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

TIME AT CENTRAL PROCESSOR = 10:27:05 ON 22/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

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

PROBLEM	16384	2652	3925	296	0	4.437500
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	6	133	0	0	0.1562500E-01
PLOT	16384	2037	2457	0	0	6.656250
RESTART	0	0	0	0	0	0.0000000E+00

\*\*\*LUSAS RUN SUCCESSFULLY COMPLETED\*\*\*

TIME AT CENTRAL PROCESSOR = 10:27:08 ON 22/06/23 (DAY/MTH/YR)

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

VBNAM            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

VBNAM            VALUE  
IDTIME           1  
NIDX            100000  
NLPZ            150000000

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  
LLLLLLLLL    UU    UU    SS    SS    AA    AA    SS    SS  
LLLLLLLLL    UUUUUU    SSSSSS    AA    AA    SSSSSS

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

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

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

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

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

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

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

D:\SynologyDrive\01\_lavoro\48\_037\_09\_23\_632\_418\_Due\_Viadotti\_Trevalli\_Esec\_Sintagma\_LF\03\_calcoli\VI02\_molino\_vecchio\LUSASFiles  
32\Molino\_Vecchio\_rev18\_g\Molino\_Vecchio\_rev18\_g~03\_Fase2b.dat

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

Memory request for 1478Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:27:09 ON 22/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

- O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
- O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
- O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
- O P T I O N(S) 123 CLOCKWISE NODE NUMBERING
- O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
- O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
- O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
- O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
- O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
- O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
- O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT  
 O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY  
 O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES  
 O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS  
 O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)  
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3  
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER  
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
JSH4	ELEMENTS			
1	1	2	604	605
2	4	3	2678	2679
3	6	5	612	613
4	8	7	620	621
5	10	9	2903	2904
6	12	11	944	945
7	13	14	952	953
8	16	15	2911	2912
9	18	17	960	961
10	19	20	1284	1285
11	21	22	2919	2920
12	24	23	1292	1293
13	25	26	1300	1301
14	27	28	3743	3744
15	29	30	1624	1625
16	31	32	1632	1633
17	34	33	3745	3746
18	36	35	1640	1641
19	37	38	1964	1965
20	39	40	3747	3748
21	42	41	1972	1973
22	43	44	1980	1981
23	46	45	3749	3750
24	47	48	2304	2305
25	50	49	2312	2313
26	51	52	3751	3752
27	54	53	2320	2321
28	56	55	2662	2663
29	57	58	3753	3754
30	59	60	2670	2671
1933	2992	68	3162	3163
1934	2994	90	3164	3165
1935	2996	115	3166	3167
1936	2998	137	3168	3169
1937	3000	162	3170	3171
1938	3002	194	3172	3173
1939	3004	238	3174	3175
1940	3006	277	3176	3177
1941	3008	311	3178	3179
1942	3010	348	3180	3181
1943	3012	380	3182	3183
1944	3014	417	3184	3185
1945	3016	451	3186	3187
1946	3018	484	3188	3189
1947	3020	521	3190	3191
1948	3022	554	3192	3193
1949	3024	591	3194	3195
1950	3026	629	3196	3197
1951	3028	661	3198	3199
1952	3030	698	3200	3201
1953	3032	731	3202	3203
1954	3034	768	3204	3205
1955	3036	801	3206	3207
1956	3038	833	3208	3209
1957	3040	870	3210	3211
1958	3042	902	3212	3213
1959	3044	939	3214	3215
1960	3046	978	3216	3217
1961	3048	1011	3218	3219
1962	3050	1048	3220	3221
1963	3052	1080	3222	3223
1964	3054	1119	3224	3225
1965	3056	1151	3226	3227
1966	3058	1182	3228	3229
1967	3060	1220	3230	3231
1968	3062	1252	3232	3233
1969	3064	1291	3234	3235
1970	3066	1327	3236	3237
1971	3068	1361	3238	3239
1972	3070	1396	3240	3241
1973	3072	1430	3242	3243
1974	3074	1465	3244	3245
1975	3076	1497	3246	3247
1976	3078	1531	3248	3249
1977	3080	1566	3250	3251
1978	3082	1600	3252	3253
1979	3084	1639	3254	3255
1980	3086	1675	3256	3257
1981	3088	1707	3258	3259

1982	3090	1745	3260	3261
1983	3092	1776	3262	3263
1984	3094	1815	3264	3265
1985	3096	1847	3266	3267
1986	3098	1879	3268	3269
1987	3100	1916	3270	3271
1988	3102	1949	3272	3273
1989	3104	1992	3274	3275
1990	3106	2025	3276	3277
1991	3108	2057	3278	3279
1992	3110	2094	3280	3281
1993	3112	2126	3282	3283
1994	3114	2163	3284	3285
1995	3116	2196	3286	3287
1996	3118	2229	3288	3289
1997	3120	2266	3290	3291
1998	3122	2298	3292	3293
1999	3124	2343	3294	3295
2000	3126	2373	3296	3297
2001	3128	2406	3298	3299
2002	3130	2447	3300	3301
2003	3132	2480	3302	3303
2004	3134	2518	3304	3305
2005	3136	2550	3306	3307
2006	3138	2584	3308	3309
2007	3140	2619	3310	3311
2008	3142	2651	3312	3313
2009	3144	2704	3314	3315
2010	3146	2738	3316	3317
2011	3148	2770	3318	3319
2012	3150	2807	3320	3321
2013	3152	2839	3322	3323
2014	3154	2876	3324	3325
2015	3156	2910	3326	3327
2016	3158	2949	3328	3329
2017	3160	2971	3330	3331

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

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

BMI21	ELEMENTS		
31	10169	10171	61
32	10171	10173	62
33	10173	10461	63
34	10461	10179	64
35	10179	10181	65
36	10181	10183	66
37	10173	10194	67
38	10461	68	69
39	10179	10210	70
40	10187	10189	71
41	10189	10194	72
42	10193	73	74
43	10194	68	75
44	73	10209	76
45	68	10210	77
46	10210	10212	78
47	10212	10214	79
48	10194	10218	80
49	68	10464	81
50	10210	10220	82
51	9974	8152	83
52	8152	10218	84
53	10218	10464	85
54	10464	10220	86
55	10220	8697	87
56	8697	9976	88
57	10218	10229	89
58	10464	90	91
59	10220	10241	92
60	10224	10226	93
61	10226	10229	94
62	10228	95	96
63	10229	90	97
64	95	10240	98
65	90	10241	99
66	10241	10243	100
67	10243	10245	101
68	10229	10249	102
69	90	10467	103
70	10241	10251	104
71	10249	10255	105
72	10467	10468	106
73	10251	10257	107
74	9977	8154	108
75	8154	10255	109
76	10255	10468	110
77	10468	10257	111
78	10257	8750	112
79	8750	9980	113
80	10255	10266	114
81	10468	115	116
82	10257	10278	117
83	10261	10263	118
84	10263	10266	119
85	10265	120	121
86	10266	115	122
87	120	10277	123
88	115	10278	124
89	10278	10280	125

90	10280	10282	126
91	10266	10286	127
92	115	10471	128
93	10278	10288	129
94	9981	8155	130
95	8155	10286	131
96	10286	10471	132
97	10471	10288	133
98	10288	8776	134
99	8776	9983	135
100	10286	10297	136
101	10471	137	138
102	10288	10309	139
103	10292	10294	140
104	10294	10297	141
105	10296	142	143
106	10297	137	144
107	142	10308	145
108	137	10309	146
109	10309	10311	147
110	10311	10313	148
111	10297	10317	149
112	137	10474	150
113	10309	10319	151
114	9984	8156	152
115	8156	10317	153
116	10317	10474	154
117	10474	10319	155
118	10319	8779	156
119	8779	9986	157
120	10317	10323	158
121	10474	10475	159
122	10319	10325	160
123	10323	10334	161
124	10475	162	163
125	10325	10346	164
126	10329	10331	165
127	10331	10334	166
128	10333	167	168
129	10334	162	169
130	167	10345	170
131	162	10346	172
132	10346	10348	173
133	10348	10350	176
134	10334	10354	177
135	162	10478	179
136	10346	10356	180
137	9987	8157	182
138	8157	10354	183
139	10354	10478	186
140	10478	10356	187
141	10356	8794	189
142	8794	9989	190
143	10354	10365	193
144	10478	194	196
145	10356	10377	197
146	10360	10362	199
147	10362	10365	200
148	10364	203	204
149	10365	194	206
150	203	10376	207
151	194	10377	210
152	10377	10379	211
153	10379	10381	213
154	10365	10385	214
155	194	10481	216
156	10377	10387	217
157	9991	8158	220
158	8158	10385	221
159	10385	10481	223
160	10481	10387	224
161	10387	8804	227
162	8804	9992	228
163	10385	10391	230
164	10481	10482	231
165	10387	10393	233
166	10391	10402	234
167	10482	238	239
168	10393	10414	241
169	10397	10399	242
170	10399	10402	245
171	10401	246	248
172	10402	238	249
173	246	10413	251
174	238	10414	252
175	10414	10416	255
176	10416	10418	256
177	10402	10422	258
178	238	10485	259
179	10414	10424	264
180	9993	8159	265
181	8159	10422	267
182	10422	10485	268
183	10485	10424	270
184	10424	8827	271
185	8827	9994	274
186	10422	10435	275
187	10485	277	278
188	10424	10451	281
189	10428	10430	282
190	10430	10435	284
191	10434	287	288
192	10435	277	290
193	287	10450	291
194	277	10451	294

195	10451	10453	295
196	10453	10455	296
197	10435	10459	298
198	277	10488	300
199	10451	293	303
200	9995	8161	304
201	8161	10459	305
202	10459	10488	306
203	10488	293	307
204	293	8830	308
205	8830	9996	309
206	10459	302	310
207	10488	311	312
208	293	314	315
209	297	299	317
210	299	302	319
211	301	320	321
212	302	311	323
213	320	313	325
214	311	314	326
215	314	316	327
216	316	318	329
217	302	322	331
218	311	10491	332
219	314	324	333
220	322	328	335
221	10491	10492	337
222	324	330	340
223	9997	8162	341
224	8162	328	342
225	328	10492	343
226	10492	330	344
227	330	8833	345
228	8833	9998	346
229	328	339	347
230	10492	348	349
231	330	351	352
232	334	336	354
233	336	339	356
234	338	357	358
235	339	348	360
236	357	350	362
237	348	351	363
238	351	353	364
239	353	355	366
240	339	359	368
241	348	10495	371
242	351	361	372
243	9999	8163	373
244	8163	359	374
245	359	10495	375
246	10495	361	376
247	361	8985	377
248	8985	10000	378
249	359	370	379
250	10495	380	383
251	361	382	385
252	365	367	387
253	367	370	388
254	369	389	391
255	370	380	393
256	389	381	394
257	380	382	395
258	382	384	397
259	384	386	399
260	370	390	400
261	380	10498	401
262	382	392	403
263	10001	8164	405
264	8164	390	408
265	390	10498	409
266	10498	392	410
267	392	8987	411
268	8987	10002	412
269	390	396	413
270	10498	10499	414
271	392	398	415
272	396	407	416
273	10499	417	420
274	398	419	422
275	402	404	424
276	404	407	425
277	406	426	428
278	407	417	430
279	426	418	431
280	417	419	432
281	419	421	434
282	421	423	436
283	407	427	439
284	417	10502	440
285	419	429	441
286	10003	8166	442
287	8166	427	443
288	427	10502	444
289	10502	429	445
290	429	8996	446
291	8996	10004	447
292	427	438	448
293	10502	451	453
294	429	450	455
295	433	435	456
296	435	438	457
297	437	459	461
298	438	451	462
299	459	449	463

300	451	450	465
301	450	452	467
302	452	454	470
303	438	458	471
304	451	10505	472
305	450	460	473
306	10006	8167	474
307	8167	458	475
308	458	10505	476
309	10505	460	477
310	460	8998	478
311	8998	10007	479
312	458	469	482
313	10505	484	486
314	460	481	487
315	464	466	488
316	466	469	490
317	468	492	493
318	469	484	494
319	492	480	496
320	484	481	498
321	481	483	499
322	483	485	500
323	469	489	502
324	484	10508	504
325	481	491	507
326	489	495	508
327	10508	10509	509
328	491	497	510
329	10008	8168	511
330	8168	495	512
331	495	10509	513
332	10509	497	514
333	497	9000	515
334	9000	10009	516
335	495	506	519
336	10509	521	523
337	497	518	524
338	501	503	525
339	503	506	527
340	505	529	530
341	506	521	531
342	529	517	533
343	521	518	535
344	518	520	538
345	520	522	539
346	506	526	540
347	521	10512	541
348	518	528	542
349	10010	8169	543
350	8169	526	544
351	526	10512	545
352	10512	528	546
353	528	9002	547
354	9002	10011	550
355	526	537	552
356	10512	554	555
357	528	549	556
358	532	534	558
359	534	537	560
360	536	561	562
361	537	554	564
362	561	548	566
363	554	549	567
364	549	551	568
365	551	553	570
366	537	557	572
367	554	10515	575
368	549	559	576
369	10012	8170	577
370	8170	557	578
371	557	10515	579
372	10515	559	580
373	559	8967	581
374	8967	10013	582
375	557	563	583
376	10515	10516	584
377	559	565	587
378	563	574	589
379	10516	591	592
380	565	586	593
381	569	571	595
382	571	574	597
383	573	598	599
384	574	591	601
385	598	585	603
386	591	586	608
387	586	588	609
388	588	590	610
389	574	594	611
390	591	10519	614
391	586	596	615
392	10014	8171	616
393	8171	594	617
394	594	10519	618
395	10519	596	619
396	596	8970	624
397	8970	10015	626
398	594	607	628
399	10519	629	630
400	596	623	632
401	600	602	634
402	602	607	635
403	606	636	638
404	607	629	640



405	636	622	643
406	629	623	644
407	623	625	645
408	625	627	646
409	607	631	647
410	629	10522	648
411	623	633	649
412	10016	8172	650
413	8172	631	651
414	631	10522	652
415	10522	633	655
416	633	8973	657
417	8973	10017	659
418	631	642	660
419	10522	661	663
420	633	654	665
421	637	639	666
422	639	642	667
423	641	669	671
424	642	661	672
425	669	653	673
426	661	654	675
427	654	656	677
428	656	658	680
429	642	662	681
430	661	10525	682
431	654	664	683
432	662	668	684
433	10525	10526	685
434	664	670	686
435	10018	8180	687
436	8180	668	688
437	668	10526	689
438	10526	670	692
439	670	8976	694
440	8976	10019	696
441	668	679	697
442	10526	698	700
443	670	691	702
444	674	676	703
445	676	679	704
446	678	706	708
447	679	698	711
448	706	690	712
449	698	691	713
450	691	693	714
451	693	695	715
452	679	699	716
453	698	10529	717
454	691	701	718
455	10021	8182	719
456	8182	699	720
457	699	10529	723
458	10529	701	725
459	701	8978	727
460	8978	10022	728
461	699	710	729
462	10529	731	733
463	701	722	734
464	705	707	735
465	707	710	737
466	709	739	740
467	710	731	741
468	739	721	743
469	731	722	745
470	722	724	748
471	724	726	749
472	710	730	750
473	731	10532	751
474	722	732	752
475	10023	8183	753
476	8183	730	754
477	730	10532	755
478	10532	732	756
479	732	9009	757
480	9009	10024	760
481	730	736	762
482	10532	10533	764
483	732	738	765
484	736	747	766
485	10533	768	770
486	738	759	771
487	742	744	772
488	744	747	774
489	746	776	779
490	747	768	780
491	776	758	781
492	768	759	782
493	759	761	783
494	761	763	784
495	747	767	785
496	768	10536	786
497	759	769	787
498	10025	8184	788
499	8184	767	791
500	767	10536	793
501	10536	769	795
502	769	9012	796
503	9012	10026	797
504	767	778	799
505	10536	801	802
506	769	790	803
507	773	775	805
508	775	778	807
509	777	810	811

510	778	801	812
511	810	789	813
512	801	790	814
513	790	792	815
514	792	794	816
515	778	798	817
516	801	10539	818
517	790	800	819
518	10027	8185	822
519	8185	798	824
520	798	10539	826
521	10539	800	827
522	800	9015	828
523	9015	10028	830
524	798	809	832
525	10539	833	834
526	800	821	836
527	804	806	838
528	806	809	839
529	808	840	842
530	809	833	844
531	840	820	847
532	833	821	848
533	821	823	849
534	823	825	850
535	809	829	851
536	833	10542	852
537	821	831	853
538	829	835	854
539	10542	10543	855
540	831	837	856
541	10029	8186	859
542	8186	835	861
543	835	10543	863
544	10543	837	864
545	837	9018	865
546	9018	10030	867
547	835	846	869
548	10543	870	871
549	837	858	873
550	841	843	875
551	843	846	878
552	845	879	880
553	846	870	881
554	879	857	882
555	870	858	883
556	858	860	884
557	860	862	885
558	846	866	886
559	870	10546	887
560	858	868	890
561	10031	8187	892
562	8187	866	894
563	866	10546	895
564	10546	868	896
565	868	9033	898
566	9033	10032	900
567	866	877	901
568	10546	902	904
569	868	889	906
570	872	874	907
571	874	877	908
572	876	910	912
573	877	902	915
574	910	888	916
575	902	889	917
576	889	891	918
577	891	893	919
578	877	897	920
579	902	10549	921
580	889	899	922
581	10033	8189	923
582	8189	897	924
583	897	10549	927
584	10549	899	929
585	899	9041	931
586	9041	10034	932
587	897	903	933
588	10549	10550	935
589	899	905	937
590	903	914	938
591	10550	939	941
592	905	926	943
593	909	911	948
594	911	914	949
595	913	950	951
596	914	939	954
597	950	925	955
598	939	926	956
599	926	928	957
600	928	930	958
601	914	934	959
602	939	10553	964
603	926	936	966
604	10035	8190	968
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1915	2381	3126	3127
1916	2414	3128	3129
1917	2456	3130	3131
1918	2488	3132	3133
1919	2523	3134	3135
1920	2557	3136	3137
1921	2589	3138	3139
1922	2626	3140	3141
1923	2659	3142	3143
1924	2709	3144	3145
1925	2743	3146	3147
1926	2775	3148	3149
1927	2812	3150	3151
1928	2844	3152	3153
1929	2881	3154	3155
1930	2917	3156	3157
1931	2954	3158	3159
1932	2976	3160	3161

TOTAL NUMBER OF ELEMENTS = 2017  
LARGEST ELEMENT NUMBER = 2017  
LARGEST NODE NUMBER = 10628

DEFAULT SOLVER CHOSEN

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

NODE NO.	COORDINATE IN	COORDINATE IN	COORDINATE IN
	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
	M	M	M
1	0.500000	2.12500	-2.50000
2	0.500000	2.12500	-2.50000
3	0.500000	5.62500	-2.50000
4	0.500000	5.62500	-2.50000
5	0.500000	9.12500	-2.50000
6	0.500000	9.12500	-2.50000
7	33.5470	2.12500	-2.50000
8	33.5470	2.12500	-2.50000
9	33.5470	5.62500	-2.50000
10	33.5470	5.62500	-2.50000
11	33.5470	9.12500	-2.50000
12	33.5470	9.12500	-2.50000
13	82.0570	2.12500	-2.50000
14	82.0570	2.12500	-2.50000
15	82.0570	5.62500	-2.50000
16	82.0570	5.62500	-2.50000
17	82.0570	9.12500	-2.50000
18	82.0570	9.12500	-2.50000
19	130.587	2.12500	-2.50000
20	130.587	2.12500	-2.50000
21	130.587	5.62500	-2.50000
22	130.587	5.62500	-2.50000
23	130.587	9.12500	-2.50000
24	130.587	9.12500	-2.50000
25	179.137	2.12500	-2.50000
26	179.137	2.12500	-2.50000
27	179.137	5.62500	-2.50000
28	179.137	5.62500	-2.50000

29	179.137	9.12500	-2.50000
30	179.137	9.12500	-2.50000
31	227.707	2.12500	-2.50000
32	227.707	2.12500	-2.50000
33	227.707	5.62500	-2.50000
34	227.707	5.62500	-2.50000
35	227.707	9.12500	-2.50000
36	227.707	9.12500	-2.50000
37	276.287	2.12500	-2.50000
38	276.287	2.12500	-2.50000
39	276.287	5.62500	-2.50000
40	276.287	5.62500	-2.50000
41	276.287	9.12500	-2.50000
42	276.287	9.12500	-2.50000
43	324.877	2.12500	-2.50000
44	324.877	2.12500	-2.50000
45	324.877	5.62500	-2.50000
46	324.877	5.62500	-2.50000
47	324.877	9.12500	-2.50000
48	324.877	9.12500	-2.50000
49	373.578	2.12500	-2.50000
50	373.578	2.12500	-2.50000
51	373.578	5.62500	-2.50000
52	373.578	5.62500	-2.50000
53	373.578	9.12500	-2.50000
54	373.578	9.12500	-2.50000
55	407.610	2.12500	-2.50000
56	407.610	2.12500	-2.50000
57	407.610	5.62500	-2.50000
58	407.610	5.62500	-2.50000
59	407.610	9.12500	-2.50000
60	407.610	9.12500	-2.50000
61	-1.00000	0.000000E+00	0.000000E+00
62	-1.00000	0.750000	0.000000E+00
63	-1.16667	2.12500	0.000000E+00
64	-1.16667	5.62500	0.000000E+00
65	-1.00000	9.12500	0.000000E+00
66	-1.00000	10.5000	0.000000E+00
67	0.000000E+00	3.12500	0.000000E+00
68	0.500000	5.62500	0.000000E+00
69	0.000000E+00	6.62500	0.000000E+00
70	0.000000E+00	10.1250	0.000000E+00
71	-0.500000	0.000000E+00	0.000000E+00
72	-0.500000	0.750000	0.000000E+00
73	0.500000	5.62500	-1.00000
74	-0.666667	2.12500	-1.00000
75	-0.666667	2.12500	0.000000E+00
76	-0.666667	5.62500	-1.00000
77	-0.666667	5.62500	0.000000E+00
78	-0.500000	9.12500	0.000000E+00
79	-0.500000	10.5000	0.000000E+00
80	0.500000	3.12500	0.000000E+00
81	0.500000	6.62500	0.000000E+00
82	0.500000	10.1250	0.000000E+00
83	1.86050	0.000000E+00	0.000000E+00
84	1.86050	0.750000	0.000000E+00
85	1.69383	2.12500	0.000000E+00
86	1.69383	5.62500	0.000000E+00
87	1.86050	9.12500	0.000000E+00
88	1.86050	10.5000	0.000000E+00
89	2.86050	3.12500	0.000000E+00
90	5.22100	5.62500	0.000000E+00
91	2.86050	6.62500	0.000000E+00
92	2.86050	10.1250	0.000000E+00
93	4.22100	0.000000E+00	0.000000E+00
94	4.22100	0.750000	0.000000E+00
95	5.22100	5.62500	-1.00000
96	4.05433	2.12500	-1.00000
97	4.05433	2.12500	0.000000E+00
98	4.05433	5.62500	-1.00000
99	4.05433	5.62500	0.000000E+00
100	4.22100	9.12500	0.000000E+00
101	4.22100	10.5000	0.000000E+00
102	5.22100	3.12500	0.000000E+00
103	5.22100	6.62500	0.000000E+00
104	5.22100	10.1250	0.000000E+00
105	7.54900	3.12500	0.000000E+00
106	7.54900	6.62500	0.000000E+00
107	7.54900	10.1250	0.000000E+00
108	6.58150	0.000000E+00	0.000000E+00
109	6.58150	0.750000	0.000000E+00
110	6.41483	2.12500	0.000000E+00
111	6.41483	5.62500	0.000000E+00
112	6.58150	9.12500	0.000000E+00
113	6.58150	10.5000	0.000000E+00
114	7.58150	3.12500	0.000000E+00
115	9.94200	5.62500	0.000000E+00
116	7.58150	6.62500	0.000000E+00
117	7.58150	10.1250	0.000000E+00
118	8.94200	0.000000E+00	0.000000E+00
119	8.94200	0.750000	0.000000E+00
120	9.94200	5.62500	-1.00000
121	8.77533	2.12500	-1.00000
122	8.77533	2.12500	0.000000E+00
123	8.77533	5.62500	-1.00000
124	8.77533	5.62500	0.000000E+00
125	8.94200	9.12500	0.000000E+00
126	8.94200	10.5000	0.000000E+00
127	9.94200	3.12500	0.000000E+00
128	9.94200	6.62500	0.000000E+00
129	9.94200	10.1250	0.000000E+00
130	11.3025	0.000000E+00	0.000000E+00
131	11.3025	0.750000	0.000000E+00
132	11.1358	2.12500	0.000000E+00
133	11.1358	5.62500	0.000000E+00



134	11.3025	9.12500	0.000000E+00
135	11.3025	10.5000	0.000000E+00
136	12.3025	3.12500	0.000000E+00
137	14.6630	5.62500	0.000000E+00
138	12.3025	6.62500	0.000000E+00
139	12.3025	10.1250	0.000000E+00
140	13.6630	0.000000E+00	0.000000E+00
141	13.6630	0.750000	0.000000E+00
142	14.6630	5.62500	-1.00000
143	13.4963	2.12500	-1.00000
144	13.4963	2.12500	0.000000E+00
145	13.4963	5.62500	-1.00000
146	13.4963	5.62500	0.000000E+00
147	13.6630	9.12500	0.000000E+00
148	13.6630	10.5000	0.000000E+00
149	14.6630	3.12500	0.000000E+00
150	14.6630	6.62500	0.000000E+00
151	14.6630	10.1250	0.000000E+00
152	16.0235	0.000000E+00	0.000000E+00
153	16.0235	0.750000	0.000000E+00
154	15.8568	2.12500	0.000000E+00
155	15.8568	5.62500	0.000000E+00
156	16.0235	9.12500	0.000000E+00
157	16.0235	10.5000	0.000000E+00
158	17.0235	3.12500	0.000000E+00
159	17.0235	6.62500	0.000000E+00
160	17.0235	10.1250	0.000000E+00
161	17.5480	3.12500	0.000000E+00
162	19.3840	5.62500	0.000000E+00
163	17.5480	6.62500	0.000000E+00
164	17.5480	10.1250	0.000000E+00
165	18.3840	0.000000E+00	0.000000E+00
166	18.3840	0.750000	0.000000E+00
167	19.3840	5.62500	-1.00000
168	18.2173	2.12500	-1.00000
169	18.2173	2.12500	0.000000E+00
170	18.2173	5.62500	-1.00000
171	239.852	5.62500	0.000000E+00
172	18.2173	5.62500	0.000000E+00
173	18.3840	9.12500	0.000000E+00
174	244.710	5.62500	0.000000E+00
175	245.987	5.62500	0.000000E+00
176	18.3840	10.5000	0.000000E+00
177	19.3840	3.12500	0.000000E+00
178	249.568	5.62500	0.000000E+00
179	19.3840	6.62500	0.000000E+00
180	19.3840	10.1250	0.000000E+00
181	254.426	5.62500	0.000000E+00
182	20.7445	0.000000E+00	0.000000E+00
183	20.7445	0.750000	0.000000E+00
184	258.007	5.62500	0.000000E+00
185	259.284	5.62500	0.000000E+00
186	20.5778	2.12500	0.000000E+00
187	20.5778	5.62500	0.000000E+00
188	264.142	5.62500	0.000000E+00
189	20.7445	9.12500	0.000000E+00
190	20.7445	10.5000	0.000000E+00
191	269.000	5.62500	0.000000E+00
192	270.278	5.62500	0.000000E+00
193	21.7445	3.12500	0.000000E+00
194	24.1050	5.62500	0.000000E+00
195	273.858	5.62500	0.000000E+00
196	21.7445	6.62500	0.000000E+00
197	21.7445	10.1250	0.000000E+00
198	278.717	5.62500	0.000000E+00
199	23.1050	0.000000E+00	0.000000E+00
200	23.1050	0.750000	0.000000E+00
201	282.298	5.62500	0.000000E+00
202	283.575	5.62500	0.000000E+00
203	24.1050	5.62500	-1.00000
204	22.9383	2.12500	-1.00000
205	288.434	5.62500	0.000000E+00
206	22.9383	2.12500	0.000000E+00
207	22.9383	5.62500	-1.00000
208	293.293	5.62500	0.000000E+00
209	294.571	5.62500	0.000000E+00
210	22.9383	5.62500	0.000000E+00
211	23.1050	9.12500	0.000000E+00
212	298.152	5.62500	0.000000E+00
213	23.1050	10.5000	0.000000E+00
214	24.1050	3.12500	0.000000E+00
215	303.012	5.62500	0.000000E+00
216	24.1050	6.62500	0.000000E+00
217	24.1050	10.1250	0.000000E+00
218	306.593	5.62500	0.000000E+00
219	307.870	5.62500	0.000000E+00
220	25.4655	0.000000E+00	0.000000E+00
221	25.4655	0.750000	0.000000E+00
222	312.730	5.62500	0.000000E+00
223	25.2988	2.12500	0.000000E+00
224	25.2988	5.62500	0.000000E+00
225	317.588	5.62500	0.000000E+00
226	318.866	5.62500	0.000000E+00
227	25.4655	9.12500	0.000000E+00
228	25.4655	10.5000	0.000000E+00
229	322.447	5.62500	0.000000E+00
230	26.4655	3.12500	0.000000E+00
231	26.4655	6.62500	0.000000E+00
232	327.306	5.62500	0.000000E+00
233	26.4655	10.1250	0.000000E+00
234	27.5470	3.12500	0.000000E+00
235	330.890	5.62500	0.000000E+00
236	332.165	5.62500	0.000000E+00
237	332.182	5.62500	0.000000E+00
238	28.8260	5.62500	0.000000E+00

239	27.5470	6.62500	0.000000E+00
240	337.024	5.62500	0.000000E+00
241	27.5470	10.1250	0.000000E+00
242	27.8260	0.000000E+00	0.000000E+00
243	341.883	5.62500	0.000000E+00
244	343.163	5.62500	0.000000E+00
245	27.8260	0.750000	0.000000E+00
246	28.8260	5.62500	-1.00000
247	346.743	5.62500	0.000000E+00
248	27.6593	2.12500	-1.00000
249	27.6593	2.12500	0.000000E+00
250	351.601	5.62500	0.000000E+00
251	27.6593	5.62500	-1.00000
252	27.6593	5.62500	0.000000E+00
253	355.186	5.62500	0.000000E+00
254	356.460	5.62500	0.000000E+00
255	27.8260	9.12500	0.000000E+00
256	27.8260	10.5000	0.000000E+00
257	361.320	5.62500	0.000000E+00
258	28.8260	3.12500	0.000000E+00
259	28.8260	6.62500	0.000000E+00
260	365.704	5.62500	0.000000E+00
261	366.236	5.62500	0.000000E+00
262	366.273	5.62500	0.000000E+00
263	367.574	5.62500	0.000000E+00
264	28.8260	10.1250	0.000000E+00
265	30.1865	0.000000E+00	0.000000E+00
266	371.150	5.62500	0.000000E+00
267	30.1865	0.750000	0.000000E+00
268	30.0198	2.12500	0.000000E+00
269	376.009	5.62500	0.000000E+00
270	30.0198	5.62500	0.000000E+00
271	30.1865	9.12500	0.000000E+00
272	379.584	5.62500	0.000000E+00
273	380.871	5.62500	0.000000E+00
274	30.1865	10.5000	0.000000E+00
275	31.1865	3.12500	0.000000E+00
276	385.732	5.62500	0.000000E+00
277	33.5470	5.62500	0.000000E+00
278	31.1865	6.62500	0.000000E+00
279	389.593	5.62500	0.000000E+00
280	390.594	5.62500	0.000000E+00
281	31.1865	10.1250	0.000000E+00
282	32.5470	0.000000E+00	0.000000E+00
283	395.456	5.62500	0.000000E+00
284	32.5470	0.750000	0.000000E+00
285	399.602	5.62500	0.000000E+00
286	400.317	5.62500	0.000000E+00
287	33.5470	5.62500	-1.00000
288	32.3803	2.12500	-1.00000
289	405.179	5.62500	0.000000E+00
290	32.3803	2.12500	0.000000E+00
291	32.3803	5.62500	-1.00000
292	408.110	5.62500	0.000000E+00
293	35.9725	9.12500	0.000000E+00
294	32.3803	5.62500	0.000000E+00
295	32.5470	9.12500	0.000000E+00
296	32.5470	10.5000	0.000000E+00
297	38.3980	0.000000E+00	0.000000E+00
298	33.5470	3.12500	0.000000E+00
299	38.3980	0.750000	0.000000E+00
300	33.5470	6.62500	0.000000E+00
301	38.3980	2.12500	-1.00000
302	38.3980	2.12500	0.000000E+00
303	33.5470	10.1250	0.000000E+00
304	34.9725	0.000000E+00	0.000000E+00
305	34.9725	0.750000	0.000000E+00
306	34.8058	2.12500	0.000000E+00
307	34.8058	5.62500	0.000000E+00
308	34.9725	9.12500	0.000000E+00
309	34.9725	10.5000	0.000000E+00
310	35.9725	3.12500	0.000000E+00
311	38.3980	5.62500	0.000000E+00
312	35.9725	6.62500	0.000000E+00
313	38.3980	9.12500	-1.00000
314	38.3980	9.12500	0.000000E+00
315	35.9725	10.1250	0.000000E+00
316	38.3980	10.5000	0.000000E+00
317	37.3980	0.000000E+00	0.000000E+00
318	38.3980	11.2500	0.000000E+00
319	37.3980	0.750000	0.000000E+00
320	38.3980	5.62500	-1.00000
321	37.2313	2.12500	-1.00000
322	39.5490	2.12500	0.000000E+00
323	37.2313	2.12500	0.000000E+00
324	39.5490	9.12500	0.000000E+00
325	37.2313	5.62500	-1.00000
326	37.2313	5.62500	0.000000E+00
327	37.3980	9.12500	0.000000E+00
328	40.8235	2.12500	0.000000E+00
329	37.3980	10.5000	0.000000E+00
330	40.8235	9.12500	0.000000E+00
331	38.3980	3.12500	0.000000E+00
332	38.3980	6.62500	0.000000E+00
333	38.3980	10.1250	0.000000E+00
334	43.2490	0.000000E+00	0.000000E+00
335	39.5490	3.12500	0.000000E+00
336	43.2490	0.750000	0.000000E+00
337	39.5490	6.62500	0.000000E+00
338	43.2490	2.12500	-1.00000
339	43.2490	2.12500	0.000000E+00
340	39.5490	10.1250	0.000000E+00
341	39.8235	0.000000E+00	0.000000E+00
342	39.8235	0.750000	0.000000E+00
343	39.6568	2.12500	0.000000E+00

344	39.6568	5.62500	0.000000E+00
345	39.8235	9.12500	0.000000E+00
346	39.8235	10.5000	0.000000E+00
347	40.8235	3.12500	0.000000E+00
348	43.2490	5.62500	0.000000E+00
349	40.8235	6.62500	0.000000E+00
350	43.2490	9.12500	-1.00000
351	43.2490	9.12500	0.000000E+00
352	40.8235	10.1250	0.000000E+00
353	43.2490	10.5000	0.000000E+00
354	42.2490	0.000000E+00	0.000000E+00
355	43.2490	11.2500	0.000000E+00
356	42.2490	0.750000	0.000000E+00
357	43.2490	5.62500	-1.00000
358	42.0823	2.12500	-1.00000
359	45.6745	2.12500	0.000000E+00
360	42.0823	2.12500	0.000000E+00
361	45.6745	9.12500	0.000000E+00
362	42.0823	5.62500	-1.00000
363	42.0823	5.62500	0.000000E+00
364	42.2490	9.12500	0.000000E+00
365	48.1000	0.000000E+00	0.000000E+00
366	42.2490	10.5000	0.000000E+00
367	48.1000	0.750000	0.000000E+00
368	43.2490	3.12500	0.000000E+00
369	48.1000	2.12500	-1.00000
370	48.1000	2.12500	0.000000E+00
371	43.2490	6.62500	0.000000E+00
372	43.2490	10.1250	0.000000E+00
373	44.6745	0.000000E+00	0.000000E+00
374	44.6745	0.750000	0.000000E+00
375	44.5078	2.12500	0.000000E+00
376	44.5078	5.62500	0.000000E+00
377	44.6745	9.12500	0.000000E+00
378	44.6745	10.5000	0.000000E+00
379	45.6745	3.12500	0.000000E+00
380	48.1000	5.62500	0.000000E+00
381	48.1000	9.12500	-1.00000
382	48.1000	9.12500	0.000000E+00
383	45.6745	6.62500	0.000000E+00
384	48.1000	10.5000	0.000000E+00
385	45.6745	10.1250	0.000000E+00
386	48.1000	11.2500	0.000000E+00
387	47.1000	0.000000E+00	0.000000E+00
388	47.1000	0.750000	0.000000E+00
389	48.1000	5.62500	-1.00000
390	50.5255	2.12500	0.000000E+00
391	46.9333	2.12500	-1.00000
392	50.5255	9.12500	0.000000E+00
393	46.9333	2.12500	0.000000E+00
394	46.9333	5.62500	-1.00000
395	46.9333	5.62500	0.000000E+00
396	51.8010	2.12500	0.000000E+00
397	47.1000	9.12500	0.000000E+00
398	51.8010	9.12500	0.000000E+00
399	47.1000	10.5000	0.000000E+00
400	48.1000	3.12500	0.000000E+00
401	48.1000	6.62500	0.000000E+00
402	52.9510	0.000000E+00	0.000000E+00
403	48.1000	10.1250	0.000000E+00
404	52.9510	0.750000	0.000000E+00
405	49.5255	0.000000E+00	0.000000E+00
406	52.9510	2.12500	-1.00000
407	52.9510	2.12500	0.000000E+00
408	49.5255	0.750000	0.000000E+00
409	49.3588	2.12500	0.000000E+00
410	49.3588	5.62500	0.000000E+00
411	49.5255	9.12500	0.000000E+00
412	49.5255	10.5000	0.000000E+00
413	50.5255	3.12500	0.000000E+00
414	50.5255	6.62500	0.000000E+00
415	50.5255	10.1250	0.000000E+00
416	51.8010	3.12500	0.000000E+00
417	52.9510	5.62500	0.000000E+00
418	52.9510	9.12500	-1.00000
419	52.9510	9.12500	0.000000E+00
420	51.8010	6.62500	0.000000E+00
421	52.9510	10.5000	0.000000E+00
422	51.8010	10.1250	0.000000E+00
423	52.9510	11.2500	0.000000E+00
424	51.9510	0.000000E+00	0.000000E+00
425	51.9510	0.750000	0.000000E+00
426	52.9510	5.62500	-1.00000
427	55.3765	2.12500	0.000000E+00
428	51.7843	2.12500	-1.00000
429	55.3765	9.12500	0.000000E+00
430	51.7843	2.12500	0.000000E+00
431	51.7843	5.62500	-1.00000
432	51.7843	5.62500	0.000000E+00
433	57.8020	0.000000E+00	0.000000E+00
434	51.9510	9.12500	0.000000E+00
435	57.8020	0.750000	0.000000E+00
436	51.9510	10.5000	0.000000E+00
437	57.8020	2.12500	-1.00000
438	57.8020	2.12500	0.000000E+00
439	52.9510	3.12500	0.000000E+00
440	52.9510	6.62500	0.000000E+00
441	52.9510	10.1250	0.000000E+00
442	54.3765	0.000000E+00	0.000000E+00
443	54.3765	0.750000	0.000000E+00
444	54.2098	2.12500	0.000000E+00
445	54.2098	5.62500	0.000000E+00
446	54.3765	9.12500	0.000000E+00
447	54.3765	10.5000	0.000000E+00
448	55.3765	3.12500	0.000000E+00

449	57.8020	9.12500	-1.00000
450	57.8020	9.12500	0.000000E+00
451	57.8020	5.62500	0.000000E+00
452	57.8020	10.5000	0.000000E+00
453	55.3765	6.62500	0.000000E+00
454	57.8020	11.2500	0.000000E+00
455	55.3765	10.1250	0.000000E+00
456	56.8020	0.000000E+00	0.000000E+00
457	56.8020	0.750000	0.000000E+00
458	60.2275	2.12500	0.000000E+00
459	57.8020	5.62500	-1.00000
460	60.2275	9.12500	0.000000E+00
461	56.6353	2.12500	-1.00000
462	56.6353	2.12500	0.000000E+00
463	56.6353	5.62500	-1.00000
464	62.6530	0.000000E+00	0.000000E+00
465	56.6353	5.62500	0.000000E+00
466	62.6530	0.750000	0.000000E+00
467	56.8020	9.12500	0.000000E+00
468	62.6530	2.12500	-1.00000
469	62.6530	2.12500	0.000000E+00
470	56.8020	10.5000	0.000000E+00
471	57.8020	3.12500	0.000000E+00
472	57.8020	6.62500	0.000000E+00
473	57.8020	10.1250	0.000000E+00
474	59.2275	0.000000E+00	0.000000E+00
475	59.2275	0.750000	0.000000E+00
476	59.0608	2.12500	0.000000E+00
477	59.0608	5.62500	0.000000E+00
478	59.2275	9.12500	0.000000E+00
479	59.2275	10.5000	0.000000E+00
480	62.6530	9.12500	-1.00000
481	62.6530	9.12500	0.000000E+00
482	60.2275	3.12500	0.000000E+00
483	62.6530	10.5000	0.000000E+00
484	62.6530	5.62500	0.000000E+00
485	62.6530	11.2500	0.000000E+00
486	60.2275	6.62500	0.000000E+00
487	60.2275	10.1250	0.000000E+00
488	61.6530	0.000000E+00	0.000000E+00
489	63.8030	2.12500	0.000000E+00
490	61.6530	0.750000	0.000000E+00
491	63.8030	9.12500	0.000000E+00
492	62.6530	5.62500	-1.00000
493	61.4863	2.12500	-1.00000
494	61.4863	2.12500	0.000000E+00
495	65.0785	2.12500	0.000000E+00
496	61.4863	5.62500	-1.00000
497	65.0785	9.12500	0.000000E+00
498	61.4863	5.62500	0.000000E+00
499	61.6530	9.12500	0.000000E+00
500	61.6530	10.5000	0.000000E+00
501	67.5040	0.000000E+00	0.000000E+00
502	62.6530	3.12500	0.000000E+00
503	67.5040	0.750000	0.000000E+00
504	62.6530	6.62500	0.000000E+00
505	67.5040	2.12500	-1.00000
506	67.5040	2.12500	0.000000E+00
507	62.6530	10.1250	0.000000E+00
508	63.8030	3.12500	0.000000E+00
509	63.8030	6.62500	0.000000E+00
510	63.8030	10.1250	0.000000E+00
511	64.0785	0.000000E+00	0.000000E+00
512	64.0785	0.750000	0.000000E+00
513	63.9118	2.12500	0.000000E+00
514	63.9118	5.62500	0.000000E+00
515	64.0785	9.12500	0.000000E+00
516	64.0785	10.5000	0.000000E+00
517	67.5040	9.12500	-1.00000
518	67.5040	9.12500	0.000000E+00
519	65.0785	3.12500	0.000000E+00
520	67.5040	10.5000	0.000000E+00
521	67.5040	5.62500	0.000000E+00
522	67.5040	11.2500	0.000000E+00
523	65.0785	6.62500	0.000000E+00
524	65.0785	10.1250	0.000000E+00
525	66.5040	0.000000E+00	0.000000E+00
526	69.9295	2.12500	0.000000E+00
527	66.5040	0.750000	0.000000E+00
528	69.9295	9.12500	0.000000E+00
529	67.5040	5.62500	-1.00000
530	66.3373	2.12500	-1.00000
531	66.3373	2.12500	0.000000E+00
532	72.3550	0.000000E+00	0.000000E+00
533	66.3373	5.62500	-1.00000
534	72.3550	0.750000	0.000000E+00
535	66.3373	5.62500	0.000000E+00
536	72.3550	2.12500	-1.00000
537	72.3550	2.12500	0.000000E+00
538	66.5040	9.12500	0.000000E+00
539	66.5040	10.5000	0.000000E+00
540	67.5040	3.12500	0.000000E+00
541	67.5040	6.62500	0.000000E+00
542	67.5040	10.1250	0.000000E+00
543	68.9295	0.000000E+00	0.000000E+00
544	68.9295	0.750000	0.000000E+00
545	68.7628	2.12500	0.000000E+00
546	68.7628	5.62500	0.000000E+00
547	68.9295	9.12500	0.000000E+00
548	72.3550	9.12500	-1.00000
549	72.3550	9.12500	0.000000E+00
550	68.9295	10.5000	0.000000E+00
551	72.3550	10.5000	0.000000E+00
552	69.9295	3.12500	0.000000E+00
553	72.3550	11.2500	0.000000E+00

554	72.3550	5.62500	0.000000E+00
555	69.9295	6.62500	0.000000E+00
556	69.9295	10.1250	0.000000E+00
557	74.7805	2.12500	0.000000E+00
558	71.3550	0.000000E+00	0.000000E+00
559	74.7805	9.12500	0.000000E+00
560	71.3550	0.750000	0.000000E+00
561	72.3550	5.62500	-1.00000
562	71.1883	2.12500	-1.00000
563	76.0550	2.12500	0.000000E+00
564	71.1883	2.12500	0.000000E+00
565	76.0550	9.12500	0.000000E+00
566	71.1883	5.62500	-1.00000
567	71.1883	5.62500	0.000000E+00
568	71.3550	9.12500	0.000000E+00
569	77.2060	0.000000E+00	0.000000E+00
570	71.3550	10.5000	0.000000E+00
571	77.2060	0.750000	0.000000E+00
572	72.3550	3.12500	0.000000E+00
573	77.2060	2.12500	-1.00000
574	77.2060	2.12500	0.000000E+00
575	72.3550	6.62500	0.000000E+00
576	72.3550	10.1250	0.000000E+00
577	73.7805	0.000000E+00	0.000000E+00
578	73.7805	0.750000	0.000000E+00
579	73.6138	2.12500	0.000000E+00
580	73.6138	5.62500	0.000000E+00
581	73.7805	9.12500	0.000000E+00
582	73.7805	10.5000	0.000000E+00
583	74.7805	3.12500	0.000000E+00
584	74.7805	6.62500	0.000000E+00
585	77.2060	9.12500	-1.00000
586	77.2060	9.12500	0.000000E+00
587	74.7805	10.1250	0.000000E+00
588	77.2060	10.5000	0.000000E+00
589	76.0550	3.12500	0.000000E+00
590	77.2060	11.2500	0.000000E+00
591	77.2060	5.62500	0.000000E+00
592	76.0550	6.62500	0.000000E+00
593	76.0550	10.1250	0.000000E+00
594	79.6315	2.12500	0.000000E+00
595	76.2060	0.000000E+00	0.000000E+00
596	79.6315	9.12500	0.000000E+00
597	76.2060	0.750000	0.000000E+00
598	77.2060	5.62500	-1.00000
599	76.0393	2.12500	-1.00000
600	82.0570	0.000000E+00	0.000000E+00
601	76.0393	2.12500	0.000000E+00
602	82.0570	0.750000	0.000000E+00
603	76.0393	5.62500	-1.00000
604	1.50000	2.12500	-2.50000
605	0.500000	3.12500	-2.50000
606	82.0570	2.12500	-1.00000
607	82.0570	2.12500	0.000000E+00
608	76.0393	5.62500	0.000000E+00
609	76.2060	9.12500	0.000000E+00
610	76.2060	10.5000	0.000000E+00
611	77.2060	3.12500	0.000000E+00
612	1.50000	9.12500	-2.50000
613	0.500000	10.1250	-2.50000
614	77.2060	6.62500	0.000000E+00
615	77.2060	10.1250	0.000000E+00
616	78.6315	0.000000E+00	0.000000E+00
617	78.6315	0.750000	0.000000E+00
618	78.4648	2.12500	0.000000E+00
619	78.4648	5.62500	0.000000E+00
620	34.5470	2.12500	-2.50000
621	33.5470	3.12500	-2.50000
622	82.0570	9.12500	-1.00000
623	82.0570	9.12500	0.000000E+00
624	78.6315	9.12500	0.000000E+00
625	82.0570	10.5000	0.000000E+00
626	78.6315	10.5000	0.000000E+00
627	82.0570	11.2500	0.000000E+00
628	79.6315	3.12500	0.000000E+00
629	82.0570	5.62500	0.000000E+00
630	79.6315	6.62500	0.000000E+00
631	84.4835	2.12500	0.000000E+00
632	79.6315	10.1250	0.000000E+00
633	84.4835	9.12500	0.000000E+00
634	81.0570	0.000000E+00	0.000000E+00
635	81.0570	0.750000	0.000000E+00
636	82.0570	5.62500	-1.00000
637	86.9100	0.000000E+00	0.000000E+00
638	80.8903	2.12500	-1.00000
639	86.9100	0.750000	0.000000E+00
640	80.8903	2.12500	0.000000E+00
641	86.9100	2.12500	-1.00000
642	86.9100	2.12500	0.000000E+00
643	80.8903	5.62500	-1.00000
644	80.8903	5.62500	0.000000E+00
645	81.0570	9.12500	0.000000E+00
646	81.0570	10.5000	0.000000E+00
647	82.0570	3.12500	0.000000E+00
648	82.0570	6.62500	0.000000E+00
649	82.0570	10.1250	0.000000E+00
650	83.4835	0.000000E+00	0.000000E+00
651	83.4835	0.750000	0.000000E+00
652	83.3168	2.12500	0.000000E+00
653	86.9100	9.12500	-1.00000
654	86.9100	9.12500	0.000000E+00
655	83.3168	5.62500	0.000000E+00
656	86.9100	10.5000	0.000000E+00
657	83.4835	9.12500	0.000000E+00
658	86.9100	11.2500	0.000000E+00

659	83.4835	10.5000	0.000000E+00
660	84.4835	3.12500	0.000000E+00
661	86.9100	5.62500	0.000000E+00
662	88.0610	2.12500	0.000000E+00
663	84.4835	6.62500	0.000000E+00
664	88.0610	9.12500	0.000000E+00
665	84.4835	10.1250	0.000000E+00
666	85.9100	0.000000E+00	0.000000E+00
667	85.9100	0.750000	0.000000E+00
668	89.3365	2.12500	0.000000E+00
669	86.9100	5.62500	-1.00000
670	89.3365	9.12500	0.000000E+00
671	85.7433	2.12500	-1.00000
672	85.7433	2.12500	0.000000E+00
673	85.7433	5.62500	-1.00000
674	91.7630	0.000000E+00	0.000000E+00
675	85.7433	5.62500	0.000000E+00
676	91.7630	0.750000	0.000000E+00
677	85.9100	9.12500	0.000000E+00
678	91.7630	2.12500	-1.00000
679	91.7630	2.12500	0.000000E+00
680	85.9100	10.5000	0.000000E+00
681	86.9100	3.12500	0.000000E+00
682	86.9100	6.62500	0.000000E+00
683	86.9100	10.1250	0.000000E+00
684	88.0610	3.12500	0.000000E+00
685	88.0610	6.62500	0.000000E+00
686	88.0610	10.1250	0.000000E+00
687	88.3365	0.000000E+00	0.000000E+00
688	88.3365	0.750000	0.000000E+00
689	88.1698	2.12500	0.000000E+00
690	91.7630	9.12500	-1.00000
691	91.7630	9.12500	0.000000E+00
692	88.1698	5.62500	0.000000E+00
693	91.7630	10.5000	0.000000E+00
694	88.3365	9.12500	0.000000E+00
695	91.7630	11.2500	0.000000E+00
696	88.3365	10.5000	0.000000E+00
697	89.3365	3.12500	0.000000E+00
698	91.7630	5.62500	0.000000E+00
699	94.1895	2.12500	0.000000E+00
700	89.3365	6.62500	0.000000E+00
701	94.1895	9.12500	0.000000E+00
702	89.3365	10.1250	0.000000E+00
703	90.7630	0.000000E+00	0.000000E+00
704	90.7630	0.750000	0.000000E+00
705	96.6160	0.000000E+00	0.000000E+00
706	91.7630	5.62500	-1.00000
707	96.6160	0.750000	0.000000E+00
708	90.5963	2.12500	-1.00000
709	96.6160	2.12500	-1.00000
710	96.6160	2.12500	0.000000E+00
711	90.5963	2.12500	0.000000E+00
712	90.5963	5.62500	-1.00000
713	90.5963	5.62500	0.000000E+00
714	90.7630	9.12500	0.000000E+00
715	90.7630	10.5000	0.000000E+00
716	91.7630	3.12500	0.000000E+00
717	91.7630	6.62500	0.000000E+00
718	91.7630	10.1250	0.000000E+00
719	93.1895	0.000000E+00	0.000000E+00
720	93.1895	0.750000	0.000000E+00
721	96.6160	9.12500	-1.00000
722	96.6160	9.12500	0.000000E+00
723	93.0228	2.12500	0.000000E+00
724	96.6160	10.5000	0.000000E+00
725	93.0228	5.62500	0.000000E+00
726	96.6160	11.2500	0.000000E+00
727	93.1895	9.12500	0.000000E+00
728	93.1895	10.5000	0.000000E+00
729	94.1895	3.12500	0.000000E+00
730	99.0425	2.12500	0.000000E+00
731	96.6160	5.62500	0.000000E+00
732	99.0425	9.12500	0.000000E+00
733	94.1895	6.62500	0.000000E+00
734	94.1895	10.1250	0.000000E+00
735	95.6160	0.000000E+00	0.000000E+00
736	100.318	2.12500	0.000000E+00
737	95.6160	0.750000	0.000000E+00
738	100.318	9.12500	0.000000E+00
739	96.6160	5.62500	-1.00000
740	95.4493	2.12500	-1.00000
741	95.4493	2.12500	0.000000E+00
742	101.469	0.000000E+00	0.000000E+00
743	95.4493	5.62500	-1.00000
744	101.469	0.750000	0.000000E+00
745	95.4493	5.62500	0.000000E+00
746	101.469	2.12500	-1.00000
747	101.469	2.12500	0.000000E+00
748	95.6160	9.12500	0.000000E+00
749	95.6160	10.5000	0.000000E+00
750	96.6160	3.12500	0.000000E+00
751	96.6160	6.62500	0.000000E+00
752	96.6160	10.1250	0.000000E+00
753	98.0425	0.000000E+00	0.000000E+00
754	98.0425	0.750000	0.000000E+00
755	97.8758	2.12500	0.000000E+00
756	97.8758	5.62500	0.000000E+00
757	98.0425	9.12500	0.000000E+00
758	101.469	9.12500	-1.00000
759	101.469	9.12500	0.000000E+00
760	98.0425	10.5000	0.000000E+00
761	101.469	10.5000	0.000000E+00
762	99.0425	3.12500	0.000000E+00
763	101.469	11.2500	0.000000E+00

764	99.0425	6.62500	0.000000E+00
765	99.0425	10.1250	0.000000E+00
766	100.318	3.12500	0.000000E+00
767	103.896	2.12500	0.000000E+00
768	101.469	5.62500	0.000000E+00
769	103.896	9.12500	0.000000E+00
770	100.318	6.62500	0.000000E+00
771	100.318	10.1250	0.000000E+00
772	100.469	0.000000E+00	0.000000E+00
773	106.322	0.000000E+00	0.000000E+00
774	100.469	0.750000	0.000000E+00
775	106.322	0.750000	0.000000E+00
776	101.469	5.62500	-1.00000
777	106.322	2.12500	-1.00000
778	106.322	2.12500	0.000000E+00
779	100.302	2.12500	-1.00000
780	100.302	2.12500	0.000000E+00
781	100.302	5.62500	-1.00000
782	100.302	5.62500	0.000000E+00
783	100.469	9.12500	0.000000E+00
784	100.469	10.5000	0.000000E+00
785	101.469	3.12500	0.000000E+00
786	101.469	6.62500	0.000000E+00
787	101.469	10.1250	0.000000E+00
788	102.896	0.000000E+00	0.000000E+00
789	106.322	9.12500	-1.00000
790	106.322	9.12500	0.000000E+00
791	102.896	0.750000	0.000000E+00
792	106.322	10.5000	0.000000E+00
793	102.729	2.12500	0.000000E+00
794	106.322	11.2500	0.000000E+00
795	102.729	5.62500	0.000000E+00
796	102.896	9.12500	0.000000E+00
797	102.896	10.5000	0.000000E+00
798	108.749	2.12500	0.000000E+00
799	103.896	3.12500	0.000000E+00
800	108.749	9.12500	0.000000E+00
801	106.322	5.62500	0.000000E+00
802	103.896	6.62500	0.000000E+00
803	103.896	10.1250	0.000000E+00
804	111.175	0.000000E+00	0.000000E+00
805	105.322	0.000000E+00	0.000000E+00
806	111.175	0.750000	0.000000E+00
807	105.322	0.750000	0.000000E+00
808	111.175	2.12500	-1.00000
809	111.175	2.12500	0.000000E+00
810	106.322	5.62500	-1.00000
811	105.155	2.12500	-1.00000
812	105.155	2.12500	0.000000E+00
813	105.155	5.62500	-1.00000
814	105.155	5.62500	0.000000E+00
815	105.322	9.12500	0.000000E+00
816	105.322	10.5000	0.000000E+00
817	106.322	3.12500	0.000000E+00
818	106.322	6.62500	0.000000E+00
819	106.322	10.1250	0.000000E+00
820	111.175	9.12500	-1.00000
821	111.175	9.12500	0.000000E+00
822	107.749	0.000000E+00	0.000000E+00
823	111.175	10.5000	0.000000E+00
824	107.749	0.750000	0.000000E+00
825	111.175	11.2500	0.000000E+00
826	107.582	2.12500	0.000000E+00
827	107.582	5.62500	0.000000E+00
828	107.749	9.12500	0.000000E+00
829	112.325	2.12500	0.000000E+00
830	107.749	10.5000	0.000000E+00
831	112.325	9.12500	0.000000E+00
832	108.749	3.12500	0.000000E+00
833	111.175	5.62500	0.000000E+00
834	108.749	6.62500	0.000000E+00
835	113.602	2.12500	0.000000E+00
836	108.749	10.1250	0.000000E+00
837	113.602	9.12500	0.000000E+00
838	110.175	0.000000E+00	0.000000E+00
839	110.175	0.750000	0.000000E+00
840	111.175	5.62500	-1.00000
841	116.028	0.000000E+00	0.000000E+00
842	110.008	2.12500	-1.00000
843	116.028	0.750000	0.000000E+00
844	110.008	2.12500	0.000000E+00
845	116.028	2.12500	-1.00000
846	116.028	2.12500	0.000000E+00
847	110.008	5.62500	-1.00000
848	110.008	5.62500	0.000000E+00
849	110.175	9.12500	0.000000E+00
850	110.175	10.5000	0.000000E+00
851	111.175	3.12500	0.000000E+00
852	111.175	6.62500	0.000000E+00
853	111.175	10.1250	0.000000E+00
854	112.325	3.12500	0.000000E+00
855	112.325	6.62500	0.000000E+00
856	112.325	10.1250	0.000000E+00
857	116.028	9.12500	-1.00000
858	116.028	9.12500	0.000000E+00
859	112.602	0.000000E+00	0.000000E+00
860	116.028	10.5000	0.000000E+00
861	112.602	0.750000	0.000000E+00
862	116.028	11.2500	0.000000E+00
863	112.435	2.12500	0.000000E+00
864	112.435	5.62500	0.000000E+00
865	112.602	9.12500	0.000000E+00
866	118.455	2.12500	0.000000E+00
867	112.602	10.5000	0.000000E+00
868	118.455	9.12500	0.000000E+00

869	113.602	3.12500	0.000000E+00
870	116.028	5.62500	0.000000E+00
871	113.602	6.62500	0.000000E+00
872	120.881	0.000000E+00	0.000000E+00
873	113.602	10.12500	0.000000E+00
874	120.881	0.750000	0.000000E+00
875	115.028	0.000000E+00	0.000000E+00
876	120.881	2.12500	-1.00000
877	120.881	2.12500	0.000000E+00
878	115.028	0.750000	0.000000E+00
879	116.028	5.62500	-1.00000
880	114.861	2.12500	-1.00000
881	114.861	2.12500	0.000000E+00
882	114.861	5.62500	-1.00000
883	114.861	5.62500	0.000000E+00
884	115.028	9.12500	0.000000E+00
885	115.028	10.5000	0.000000E+00
886	116.028	3.12500	0.000000E+00
887	116.028	6.62500	0.000000E+00
888	120.881	9.12500	-1.00000
889	120.881	9.12500	0.000000E+00
890	116.028	10.1250	0.000000E+00
891	120.881	10.5000	0.000000E+00
892	117.455	0.000000E+00	0.000000E+00
893	120.881	11.2500	0.000000E+00
894	117.455	0.750000	0.000000E+00
895	117.288	2.12500	0.000000E+00
896	117.288	5.62500	0.000000E+00
897	123.307	2.12500	0.000000E+00
898	117.455	9.12500	0.000000E+00
899	123.307	9.12500	0.000000E+00
900	117.455	10.5000	0.000000E+00
901	118.455	3.12500	0.000000E+00
902	120.881	5.62500	0.000000E+00
903	124.582	2.12500	0.000000E+00
904	118.455	6.62500	0.000000E+00
905	124.582	9.12500	0.000000E+00
906	118.455	10.1250	0.000000E+00
907	119.881	0.000000E+00	0.000000E+00
908	119.881	0.750000	0.000000E+00
909	125.734	0.000000E+00	0.000000E+00
910	120.881	5.62500	-1.00000
911	125.734	0.750000	0.000000E+00
912	119.714	2.12500	-1.00000
913	125.734	2.12500	-1.00000
914	125.734	2.12500	0.000000E+00
915	119.714	2.12500	0.000000E+00
916	119.714	5.62500	-1.00000
917	119.714	5.62500	0.000000E+00
918	119.881	9.12500	0.000000E+00
919	119.881	10.5000	0.000000E+00
920	120.881	3.12500	0.000000E+00
921	120.881	6.62500	0.000000E+00
922	120.881	10.1250	0.000000E+00
923	122.307	0.000000E+00	0.000000E+00
924	122.307	0.750000	0.000000E+00
925	125.734	9.12500	-1.00000
926	125.734	9.12500	0.000000E+00
927	122.141	2.12500	0.000000E+00
928	125.734	10.5000	0.000000E+00
929	122.141	5.62500	0.000000E+00
930	125.734	11.2500	0.000000E+00
931	122.307	9.12500	0.000000E+00
932	122.307	10.5000	0.000000E+00
933	123.307	3.12500	0.000000E+00
934	128.160	2.12500	0.000000E+00
935	123.307	6.62500	0.000000E+00
936	128.160	9.12500	0.000000E+00
937	123.307	10.1250	0.000000E+00
938	124.582	3.12500	0.000000E+00
939	125.734	5.62500	0.000000E+00
940	130.587	0.000000E+00	0.000000E+00
941	124.582	6.62500	0.000000E+00
942	130.587	0.750000	0.000000E+00
943	124.582	10.1250	0.000000E+00
944	34.5470	9.12500	-2.50000
945	33.5470	10.1250	-2.50000
946	130.587	2.12500	-1.00000
947	130.587	2.12500	0.000000E+00
948	124.734	0.000000E+00	0.000000E+00
949	124.734	0.750000	0.000000E+00
950	125.734	5.62500	-1.00000
951	124.567	2.12500	-1.00000
952	83.0570	2.12500	-2.50000
953	82.0570	3.12500	-2.50000
954	124.567	2.12500	0.000000E+00
955	124.567	5.62500	-1.00000
956	124.567	5.62500	0.000000E+00
957	124.734	9.12500	0.000000E+00
958	124.734	10.5000	0.000000E+00
959	125.734	3.12500	0.000000E+00
960	83.0570	9.12500	-2.50000
961	82.0570	10.1250	-2.50000
962	130.587	9.12500	-1.00000
963	130.587	9.12500	0.000000E+00
964	125.734	6.62500	0.000000E+00
965	130.587	10.5000	0.000000E+00
966	125.734	10.1250	0.000000E+00
967	130.587	11.2500	0.000000E+00
968	127.160	0.000000E+00	0.000000E+00
969	127.160	0.750000	0.000000E+00
970	126.994	2.12500	0.000000E+00
971	133.015	2.12500	0.000000E+00
972	126.994	5.62500	0.000000E+00
973	133.015	9.12500	0.000000E+00



974	127.160	9.12500	0.000000E+00
975	127.160	10.5000	0.000000E+00
976	128.160	3.12500	0.000000E+00
977	135.442	0.000000E+00	0.000000E+00
978	130.587	5.62500	0.000000E+00
979	135.442	0.750000	0.000000E+00
980	128.160	6.62500	0.000000E+00
981	135.442	2.12500	-1.00000
982	135.442	2.12500	0.000000E+00
983	128.160	10.1250	0.000000E+00
984	129.587	0.000000E+00	0.000000E+00
985	129.587	0.750000	0.000000E+00
986	130.587	5.62500	-1.00000
987	129.420	2.12500	-1.00000
988	129.420	2.12500	0.000000E+00
989	129.420	5.62500	-1.00000
990	129.420	5.62500	0.000000E+00
991	129.587	9.12500	0.000000E+00
992	129.587	10.5000	0.000000E+00
993	135.442	9.12500	-1.00000
994	135.442	9.12500	0.000000E+00
995	130.587	3.12500	0.000000E+00
996	135.442	10.5000	0.000000E+00
997	130.587	6.62500	0.000000E+00
998	135.442	11.2500	0.000000E+00
999	130.587	10.1250	0.000000E+00
1000	132.014	0.000000E+00	0.000000E+00
1001	132.014	0.750000	0.000000E+00
1002	136.594	2.12500	0.000000E+00
1003	131.848	2.12500	0.000000E+00
1004	136.594	9.12500	0.000000E+00
1005	131.848	5.62500	0.000000E+00
1006	132.014	9.12500	0.000000E+00
1007	132.014	10.5000	0.000000E+00
1008	137.869	2.12500	0.000000E+00
1009	133.015	3.12500	0.000000E+00
1010	137.869	9.12500	0.000000E+00
1011	135.442	5.62500	0.000000E+00
1012	133.015	6.62500	0.000000E+00
1013	133.015	10.1250	0.000000E+00
1014	140.297	0.000000E+00	0.000000E+00
1015	134.442	0.000000E+00	0.000000E+00
1016	140.297	0.750000	0.000000E+00
1017	134.442	0.750000	0.000000E+00
1018	140.297	2.12500	-1.00000
1019	140.297	2.12500	0.000000E+00
1020	135.442	5.62500	-1.00000
1021	134.275	2.12500	-1.00000
1022	134.275	2.12500	0.000000E+00
1023	134.275	5.62500	-1.00000
1024	134.275	5.62500	0.000000E+00
1025	134.442	9.12500	0.000000E+00
1026	134.442	10.5000	0.000000E+00
1027	135.442	3.12500	0.000000E+00
1028	135.442	6.62500	0.000000E+00
1029	135.442	10.1250	0.000000E+00
1030	140.297	9.12500	-1.00000
1031	140.297	9.12500	0.000000E+00
1032	136.594	3.12500	0.000000E+00
1033	140.297	10.5000	0.000000E+00
1034	136.594	6.62500	0.000000E+00
1035	140.297	11.2500	0.000000E+00
1036	136.594	10.1250	0.000000E+00
1037	136.869	0.000000E+00	0.000000E+00
1038	136.869	0.750000	0.000000E+00
1039	142.724	2.12500	0.000000E+00
1040	136.703	2.12500	0.000000E+00
1041	142.724	9.12500	0.000000E+00
1042	136.703	5.62500	0.000000E+00
1043	136.869	9.12500	0.000000E+00
1044	136.869	10.5000	0.000000E+00
1045	145.152	0.000000E+00	0.000000E+00
1046	137.869	3.12500	0.000000E+00
1047	145.152	0.750000	0.000000E+00
1048	140.297	5.62500	0.000000E+00
1049	145.152	2.12500	-1.00000
1050	145.152	2.12500	0.000000E+00
1051	137.869	6.62500	0.000000E+00
1052	137.869	10.1250	0.000000E+00
1053	139.297	0.000000E+00	0.000000E+00
1054	139.297	0.750000	0.000000E+00
1055	140.297	5.62500	-1.00000
1056	139.130	2.12500	-1.00000
1057	139.130	2.12500	0.000000E+00
1058	139.130	5.62500	-1.00000
1059	139.130	5.62500	0.000000E+00
1060	139.297	9.12500	0.000000E+00
1061	145.152	9.12500	-1.00000
1062	145.152	9.12500	0.000000E+00
1063	139.297	10.5000	0.000000E+00
1064	145.152	10.5000	0.000000E+00
1065	140.297	3.12500	0.000000E+00
1066	145.152	11.2500	0.000000E+00
1067	140.297	6.62500	0.000000E+00
1068	140.297	10.1250	0.000000E+00
1069	141.724	0.000000E+00	0.000000E+00
1070	147.579	2.12500	0.000000E+00
1071	141.724	0.750000	0.000000E+00
1072	147.579	9.12500	0.000000E+00
1073	141.558	2.12500	0.000000E+00
1074	141.558	5.62500	0.000000E+00
1075	141.724	9.12500	0.000000E+00
1076	148.856	2.12500	0.000000E+00
1077	141.724	10.5000	0.000000E+00
1078	148.856	9.12500	0.000000E+00

1079	142.724	3.12500	0.000000E+00
1080	145.152	5.62500	0.000000E+00
1081	142.724	6.62500	0.000000E+00
1082	150.007	0.000000E+00	0.000000E+00
1083	142.724	10.12500	0.000000E+00
1084	150.007	0.750000	0.000000E+00
1085	144.152	0.000000E+00	0.000000E+00
1086	150.007	2.12500	-1.000000
1087	150.007	2.12500	0.000000E+00
1088	144.152	0.750000	0.000000E+00
1089	145.152	5.62500	-1.000000
1090	143.985	2.12500	-1.000000
1091	143.985	2.12500	0.000000E+00
1092	143.985	5.62500	-1.000000
1093	143.985	5.62500	0.000000E+00
1094	144.152	9.12500	0.000000E+00
1095	144.152	10.50000	0.000000E+00
1096	145.152	3.12500	0.000000E+00
1097	145.152	6.62500	0.000000E+00
1098	150.007	9.12500	-1.000000
1099	150.007	9.12500	0.000000E+00
1100	145.152	10.12500	0.000000E+00
1101	150.007	10.50000	0.000000E+00
1102	146.579	0.000000E+00	0.000000E+00
1103	150.007	11.25000	0.000000E+00
1104	146.579	0.750000	0.000000E+00
1105	146.413	2.12500	0.000000E+00
1106	146.413	5.62500	0.000000E+00
1107	152.435	2.12500	0.000000E+00
1108	146.579	9.12500	0.000000E+00
1109	152.435	9.12500	0.000000E+00
1110	146.579	10.50000	0.000000E+00
1111	147.579	3.12500	0.000000E+00
1112	147.579	6.62500	0.000000E+00
1113	154.862	0.000000E+00	0.000000E+00
1114	147.579	10.12500	0.000000E+00
1115	154.862	0.750000	0.000000E+00
1116	148.856	3.12500	0.000000E+00
1117	154.862	2.12500	-1.000000
1118	154.862	2.12500	0.000000E+00
1119	150.007	5.62500	0.000000E+00
1120	148.856	6.62500	0.000000E+00
1121	148.856	10.12500	0.000000E+00
1122	149.007	0.000000E+00	0.000000E+00
1123	149.007	0.750000	0.000000E+00
1124	150.007	5.62500	-1.000000
1125	148.840	2.12500	-1.000000
1126	148.840	2.12500	0.000000E+00
1127	148.840	5.62500	-1.000000
1128	148.840	5.62500	0.000000E+00
1129	154.862	9.12500	-1.000000
1130	154.862	9.12500	0.000000E+00
1131	149.007	9.12500	0.000000E+00
1132	154.862	10.50000	0.000000E+00
1133	149.007	10.50000	0.000000E+00
1134	154.862	11.25000	0.000000E+00
1135	150.007	3.12500	0.000000E+00
1136	150.007	6.62500	0.000000E+00
1137	150.007	10.12500	0.000000E+00
1138	157.290	2.12500	0.000000E+00
1139	151.435	0.000000E+00	0.000000E+00
1140	157.290	9.12500	0.000000E+00
1141	151.435	0.750000	0.000000E+00
1142	151.268	2.12500	0.000000E+00
1143	151.268	5.62500	0.000000E+00
1144	159.717	0.000000E+00	0.000000E+00
1145	151.435	9.12500	0.000000E+00
1146	159.717	0.750000	0.000000E+00
1147	151.435	10.50000	0.000000E+00
1148	159.717	2.12500	-1.000000
1149	159.717	2.12500	0.000000E+00
1150	152.435	3.12500	0.000000E+00
1151	154.862	5.62500	0.000000E+00
1152	152.435	6.62500	0.000000E+00
1153	152.435	10.12500	0.000000E+00
1154	153.862	0.000000E+00	0.000000E+00
1155	153.862	0.750000	0.000000E+00
1156	154.862	5.62500	-1.000000
1157	153.695	2.12500	-1.000000
1158	153.695	2.12500	0.000000E+00
1159	153.695	5.62500	-1.000000
1160	159.717	9.12500	-1.000000
1161	159.717	9.12500	0.000000E+00
1162	153.695	5.62500	0.000000E+00
1163	159.717	10.50000	0.000000E+00
1164	153.862	9.12500	0.000000E+00
1165	159.717	11.25000	0.000000E+00
1166	153.862	10.50000	0.000000E+00
1167	154.862	3.12500	0.000000E+00
1168	154.862	6.62500	0.000000E+00
1169	160.868	2.12500	0.000000E+00
1170	154.862	10.12500	0.000000E+00
1171	160.868	9.12500	0.000000E+00
1172	156.290	0.000000E+00	0.000000E+00
1173	156.290	0.750000	0.000000E+00
1174	156.123	2.12500	0.000000E+00
1175	162.144	2.12500	0.000000E+00
1176	156.123	5.62500	0.000000E+00
1177	162.144	9.12500	0.000000E+00
1178	156.290	9.12500	0.000000E+00
1179	156.290	10.50000	0.000000E+00
1180	157.290	3.12500	0.000000E+00
1181	164.572	0.000000E+00	0.000000E+00
1182	159.717	5.62500	0.000000E+00
1183	164.572	0.750000	0.000000E+00

1184	157.290	6.62500	0.000000E+00
1185	164.572	2.12500	-1.00000
1186	164.572	2.12500	0.000000E+00
1187	157.290	10.1250	0.000000E+00
1188	158.717	0.000000E+00	0.000000E+00
1189	158.717	0.750000	0.000000E+00
1190	159.717	5.62500	-1.00000
1191	158.550	2.12500	-1.00000
1192	158.550	2.12500	0.000000E+00
1193	158.550	5.62500	-1.00000
1194	158.550	5.62500	0.000000E+00
1195	158.717	9.12500	0.000000E+00
1196	158.717	10.5000	0.000000E+00
1197	164.572	9.12500	-1.00000
1198	164.572	9.12500	0.000000E+00
1199	159.717	3.12500	0.000000E+00
1200	164.572	10.5000	0.000000E+00
1201	159.717	6.62500	0.000000E+00
1202	164.572	11.2500	0.000000E+00
1203	159.717	10.1250	0.000000E+00
1204	160.868	3.12500	0.000000E+00
1205	160.868	6.62500	0.000000E+00
1206	166.999	2.12500	0.000000E+00
1207	160.868	10.1250	0.000000E+00
1208	166.999	9.12500	0.000000E+00
1209	161.144	0.000000E+00	0.000000E+00
1210	161.144	0.750000	0.000000E+00
1211	160.978	2.12500	0.000000E+00
1212	169.427	0.000000E+00	0.000000E+00
1213	160.978	5.62500	0.000000E+00
1214	169.427	0.750000	0.000000E+00
1215	161.144	9.12500	0.000000E+00
1216	169.427	2.12500	-1.00000
1217	169.427	2.12500	0.000000E+00
1218	161.144	10.5000	0.000000E+00
1219	162.144	3.12500	0.000000E+00
1220	164.572	5.62500	0.000000E+00
1221	162.144	6.62500	0.000000E+00
1222	162.144	10.1250	0.000000E+00
1223	163.572	0.000000E+00	0.000000E+00
1224	163.572	0.750000	0.000000E+00
1225	164.572	5.62500	-1.00000
1226	163.405	2.12500	-1.00000
1227	163.405	2.12500	0.000000E+00
1228	169.427	9.12500	-1.00000
1229	169.427	9.12500	0.000000E+00
1230	163.405	5.62500	-1.00000
1231	169.427	10.5000	0.000000E+00
1232	163.405	5.62500	0.000000E+00
1233	169.427	11.2500	0.000000E+00
1234	163.572	9.12500	0.000000E+00
1235	163.572	10.5000	0.000000E+00
1236	164.572	3.12500	0.000000E+00
1237	171.855	2.12500	0.000000E+00
1238	164.572	6.62500	0.000000E+00
1239	171.855	9.12500	0.000000E+00
1240	164.572	10.1250	0.000000E+00
1241	165.999	0.000000E+00	0.000000E+00
1242	165.999	0.750000	0.000000E+00
1243	173.130	2.12500	0.000000E+00
1244	165.833	2.12500	0.000000E+00
1245	173.130	9.12500	0.000000E+00
1246	165.833	5.62500	0.000000E+00
1247	165.999	9.12500	0.000000E+00
1248	165.999	10.5000	0.000000E+00
1249	174.282	0.000000E+00	0.000000E+00
1250	166.999	3.12500	0.000000E+00
1251	174.282	0.750000	0.000000E+00
1252	169.427	5.62500	0.000000E+00
1253	174.282	2.12500	-1.00000
1254	174.282	2.12500	0.000000E+00
1255	166.999	6.62500	0.000000E+00
1256	166.999	10.1250	0.000000E+00
1257	168.427	0.000000E+00	0.000000E+00
1258	168.427	0.750000	0.000000E+00
1259	169.427	5.62500	-1.00000
1260	168.260	2.12500	-1.00000
1261	168.260	2.12500	0.000000E+00
1262	168.260	5.62500	-1.00000
1263	168.260	5.62500	0.000000E+00
1264	168.427	9.12500	0.000000E+00
1265	174.282	9.12500	-1.00000
1266	174.282	9.12500	0.000000E+00
1267	168.427	10.5000	0.000000E+00
1268	174.282	10.5000	0.000000E+00
1269	169.427	3.12500	0.000000E+00
1270	174.282	11.2500	0.000000E+00
1271	169.427	6.62500	0.000000E+00
1272	169.427	10.1250	0.000000E+00
1273	170.855	0.000000E+00	0.000000E+00
1274	176.710	2.12500	0.000000E+00
1275	170.855	0.750000	0.000000E+00
1276	176.710	9.12500	0.000000E+00
1277	170.688	2.12500	0.000000E+00
1278	170.688	5.62500	0.000000E+00
1279	170.855	9.12500	0.000000E+00
1280	179.137	0.000000E+00	0.000000E+00
1281	170.855	10.5000	0.000000E+00
1282	179.137	0.750000	0.000000E+00
1283	171.855	3.12500	0.000000E+00
1284	131.587	2.12500	-2.50000
1285	130.587	3.12500	-2.50000
1286	179.137	2.12500	-1.00000
1287	179.137	2.12500	0.000000E+00
1288	171.855	6.62500	0.000000E+00

1289	171.855	10.1250	0.000000E+00
1290	173.130	3.12500	0.000000E+00
1291	174.282	5.62500	0.000000E+00
1292	131.587	9.12500	-2.50000
1293	130.587	10.1250	-2.50000
1294	173.130	6.62500	0.000000E+00
1295	173.130	10.1250	0.000000E+00
1296	173.282	0.000000E+00	0.000000E+00
1297	173.282	0.750000	0.000000E+00
1298	174.282	5.62500	-1.00000
1299	173.115	2.12500	-1.00000
1300	180.137	2.12500	-2.50000
1301	179.137	3.12500	-2.50000
1302	179.137	9.12500	-1.00000
1303	179.137	9.12500	0.000000E+00
1304	173.115	2.12500	0.000000E+00
1305	179.137	10.5000	0.000000E+00
1306	173.115	5.62500	-1.00000
1307	179.137	11.2500	0.000000E+00
1308	173.115	5.62500	0.000000E+00
1309	173.282	9.12500	0.000000E+00
1310	173.282	10.5000	0.000000E+00
1311	181.566	2.12500	0.000000E+00
1312	174.282	3.12500	0.000000E+00
1313	181.566	9.12500	0.000000E+00
1314	174.282	6.62500	0.000000E+00
1315	174.282	10.1250	0.000000E+00
1316	175.710	0.000000E+00	0.000000E+00
1317	183.994	0.000000E+00	0.000000E+00
1318	175.710	0.750000	0.000000E+00
1319	183.994	0.750000	0.000000E+00
1320	175.543	2.12500	0.000000E+00
1321	183.994	2.12500	-1.00000
1322	183.994	2.12500	0.000000E+00
1323	175.543	5.62500	0.000000E+00
1324	175.710	9.12500	0.000000E+00
1325	175.710	10.5000	0.000000E+00
1326	176.710	3.12500	0.000000E+00
1327	179.137	5.62500	0.000000E+00
1328	176.710	6.62500	0.000000E+00
1329	176.710	10.1250	0.000000E+00
1330	178.137	0.000000E+00	0.000000E+00
1331	178.137	0.750000	0.000000E+00
1332	179.137	5.62500	-1.00000
1333	183.994	9.12500	-1.00000
1334	183.994	9.12500	0.000000E+00
1335	177.970	2.12500	-1.00000
1336	183.994	10.5000	0.000000E+00
1337	177.970	2.12500	0.000000E+00
1338	183.994	11.2500	0.000000E+00
1339	177.970	5.62500	-1.00000
1340	177.970	5.62500	0.000000E+00
1341	178.137	9.12500	0.000000E+00
1342	185.147	2.12500	0.000000E+00
1343	178.137	10.5000	0.000000E+00
1344	185.147	9.12500	0.000000E+00
1345	179.137	3.12500	0.000000E+00
1346	179.137	6.62500	0.000000E+00
1347	179.137	10.1250	0.000000E+00
1348	186.423	2.12500	0.000000E+00
1349	180.566	0.000000E+00	0.000000E+00
1350	186.423	9.12500	0.000000E+00
1351	180.566	0.750000	0.000000E+00
1352	180.399	2.12500	0.000000E+00
1353	180.399	5.62500	0.000000E+00
1354	188.851	0.000000E+00	0.000000E+00
1355	180.566	9.12500	0.000000E+00
1356	188.851	0.750000	0.000000E+00
1357	180.566	10.5000	0.000000E+00
1358	188.851	2.12500	-1.00000
1359	188.851	2.12500	0.000000E+00
1360	181.566	3.12500	0.000000E+00
1361	183.994	5.62500	0.000000E+00
1362	181.566	6.62500	0.000000E+00
1363	181.566	10.1250	0.000000E+00
1364	182.994	0.000000E+00	0.000000E+00
1365	182.994	0.750000	0.000000E+00
1366	183.994	5.62500	-1.00000
1367	182.827	2.12500	-1.00000
1368	182.827	2.12500	0.000000E+00
1369	182.827	5.62500	-1.00000
1370	188.851	9.12500	-1.00000
1371	188.851	9.12500	0.000000E+00
1372	182.827	5.62500	0.000000E+00
1373	188.851	10.5000	0.000000E+00
1374	182.994	9.12500	0.000000E+00
1375	188.851	11.2500	0.000000E+00
1376	182.994	10.5000	0.000000E+00
1377	183.994	3.12500	0.000000E+00
1378	183.994	6.62500	0.000000E+00
1379	191.279	2.12500	0.000000E+00
1380	183.994	10.1250	0.000000E+00
1381	191.279	9.12500	0.000000E+00
1382	185.147	3.12500	0.000000E+00
1383	185.147	6.62500	0.000000E+00
1384	185.147	10.1250	0.000000E+00
1385	193.708	0.000000E+00	0.000000E+00
1386	185.423	0.000000E+00	0.000000E+00
1387	193.708	0.750000	0.000000E+00
1388	185.423	0.750000	0.000000E+00
1389	193.708	2.12500	-1.00000
1390	193.708	2.12500	0.000000E+00
1391	185.256	2.12500	0.000000E+00
1392	185.256	5.62500	0.000000E+00
1393	185.423	9.12500	0.000000E+00

1394	185.423	10.5000	0.000000E+00
1395	186.423	3.12500	0.000000E+00
1396	188.851	5.62500	0.000000E+00
1397	186.423	6.62500	0.000000E+00
1398	186.423	10.1250	0.000000E+00
1399	187.851	0.000000E+00	0.000000E+00
1400	187.851	0.750000	0.000000E+00
1401	193.708	9.12500	-1.00000
1402	193.708	9.12500	0.000000E+00
1403	188.851	5.62500	-1.00000
1404	193.708	10.5000	0.000000E+00
1405	187.684	2.12500	-1.00000
1406	193.708	11.2500	0.000000E+00
1407	187.684	2.12500	0.000000E+00
1408	187.684	5.62500	-1.00000
1409	187.684	5.62500	0.000000E+00
1410	196.136	2.12500	0.000000E+00
1411	187.851	9.12500	0.000000E+00
1412	196.136	9.12500	0.000000E+00
1413	187.851	10.5000	0.000000E+00
1414	188.851	3.12500	0.000000E+00
1415	188.851	6.62500	0.000000E+00
1416	197.414	2.12500	0.000000E+00
1417	188.851	10.1250	0.000000E+00
1418	197.414	9.12500	0.000000E+00
1419	190.279	0.000000E+00	0.000000E+00
1420	190.279	0.750000	0.000000E+00
1421	190.113	2.12500	0.000000E+00
1422	198.565	0.000000E+00	0.000000E+00
1423	190.113	5.62500	0.000000E+00
1424	198.565	0.750000	0.000000E+00
1425	190.279	9.12500	0.000000E+00
1426	198.565	2.12500	-1.00000
1427	198.565	2.12500	0.000000E+00
1428	190.279	10.5000	0.000000E+00
1429	191.279	3.12500	0.000000E+00
1430	193.708	5.62500	0.000000E+00
1431	191.279	6.62500	0.000000E+00
1432	191.279	10.1250	0.000000E+00
1433	192.708	0.000000E+00	0.000000E+00
1434	192.708	0.750000	0.000000E+00
1435	193.708	5.62500	-1.00000
1436	192.541	2.12500	-1.00000
1437	192.541	2.12500	0.000000E+00
1438	198.565	9.12500	-1.00000
1439	198.565	9.12500	0.000000E+00
1440	192.541	5.62500	-1.00000
1441	198.565	10.5000	0.000000E+00
1442	192.541	5.62500	0.000000E+00
1443	198.565	11.2500	0.000000E+00
1444	192.708	9.12500	0.000000E+00
1445	192.708	10.5000	0.000000E+00
1446	193.708	3.12500	0.000000E+00
1447	200.994	2.12500	0.000000E+00
1448	193.708	6.62500	0.000000E+00
1449	200.994	9.12500	0.000000E+00
1450	193.708	10.1250	0.000000E+00
1451	195.136	0.000000E+00	0.000000E+00
1452	195.136	0.750000	0.000000E+00
1453	203.422	0.000000E+00	0.000000E+00
1454	194.970	2.12500	0.000000E+00
1455	203.422	0.750000	0.000000E+00
1456	194.970	5.62500	0.000000E+00
1457	203.422	2.12500	-1.00000
1458	203.422	2.12500	0.000000E+00
1459	195.136	9.12500	0.000000E+00
1460	195.136	10.5000	0.000000E+00
1461	196.136	3.12500	0.000000E+00
1462	196.136	6.62500	0.000000E+00
1463	196.136	10.1250	0.000000E+00
1464	197.414	3.12500	0.000000E+00
1465	198.565	5.62500	0.000000E+00
1466	197.414	6.62500	0.000000E+00
1467	197.414	10.1250	0.000000E+00
1468	197.565	0.000000E+00	0.000000E+00
1469	203.422	9.12500	-1.00000
1470	203.422	9.12500	0.000000E+00
1471	197.565	0.750000	0.000000E+00
1472	203.422	10.5000	0.000000E+00
1473	198.565	5.62500	-1.00000
1474	203.422	11.2500	0.000000E+00
1475	197.398	2.12500	-1.00000
1476	197.398	2.12500	0.000000E+00
1477	197.398	5.62500	-1.00000
1478	205.850	2.12500	0.000000E+00
1479	197.398	5.62500	0.000000E+00
1480	205.850	9.12500	0.000000E+00
1481	197.565	9.12500	0.000000E+00
1482	197.565	10.5000	0.000000E+00
1483	198.565	3.12500	0.000000E+00
1484	208.279	0.000000E+00	0.000000E+00
1485	198.565	6.62500	0.000000E+00
1486	208.279	0.750000	0.000000E+00
1487	198.565	10.1250	0.000000E+00
1488	208.279	2.12500	-1.00000
1489	208.279	2.12500	0.000000E+00
1490	199.993	0.000000E+00	0.000000E+00
1491	199.993	0.750000	0.000000E+00
1492	199.827	2.12500	0.000000E+00
1493	199.827	5.62500	0.000000E+00
1494	199.993	9.12500	0.000000E+00
1495	199.993	10.5000	0.000000E+00
1496	200.994	3.12500	0.000000E+00
1497	203.422	5.62500	0.000000E+00
1498	200.994	6.62500	0.000000E+00

1499	200.994	10.1250	0.000000E+00
1500	208.279	9.12500	-1.00000
1501	208.279	9.12500	0.000000E+00
1502	202.422	0.000000E+00	0.000000E+00
1503	208.279	10.5000	0.000000E+00
1504	202.422	0.750000	0.000000E+00
1505	208.279	11.2500	0.000000E+00
1506	203.422	5.62500	-1.00000
1507	202.255	2.12500	-1.00000
1508	202.255	2.12500	0.000000E+00
1509	209.430	2.12500	0.000000E+00
1510	202.255	5.62500	-1.00000
1511	209.430	9.12500	0.000000E+00
1512	202.255	5.62500	0.000000E+00
1513	202.422	9.12500	0.000000E+00
1514	202.422	10.5000	0.000000E+00
1515	210.708	2.12500	0.000000E+00
1516	203.422	3.12500	0.000000E+00
1517	210.708	9.12500	0.000000E+00
1518	203.422	6.62500	0.000000E+00
1519	203.422	10.1250	0.000000E+00
1520	204.851	0.000000E+00	0.000000E+00
1521	213.136	0.000000E+00	0.000000E+00
1522	204.851	0.750000	0.000000E+00
1523	213.136	0.750000	0.000000E+00
1524	204.684	2.12500	0.000000E+00
1525	213.136	2.12500	-1.00000
1526	213.136	2.12500	0.000000E+00
1527	204.684	5.62500	0.000000E+00
1528	204.851	9.12500	0.000000E+00
1529	204.851	10.5000	0.000000E+00
1530	205.850	3.12500	0.000000E+00
1531	208.279	5.62500	0.000000E+00
1532	205.850	6.62500	0.000000E+00
1533	205.850	10.1250	0.000000E+00
1534	207.279	0.000000E+00	0.000000E+00
1535	207.279	0.750000	0.000000E+00
1536	208.279	5.62500	-1.00000
1537	213.136	9.12500	-1.00000
1538	213.136	9.12500	0.000000E+00
1539	207.112	2.12500	-1.00000
1540	213.136	10.5000	0.000000E+00
1541	207.112	2.12500	0.000000E+00
1542	213.136	11.2500	0.000000E+00
1543	207.112	5.62500	-1.00000
1544	207.112	5.62500	0.000000E+00
1545	207.279	9.12500	0.000000E+00
1546	215.564	2.12500	0.000000E+00
1547	207.279	10.5000	0.000000E+00
1548	215.564	9.12500	0.000000E+00
1549	208.279	3.12500	0.000000E+00
1550	208.279	6.62500	0.000000E+00
1551	208.279	10.1250	0.000000E+00
1552	217.993	0.000000E+00	0.000000E+00
1553	209.430	3.12500	0.000000E+00
1554	217.993	0.750000	0.000000E+00
1555	209.430	6.62500	0.000000E+00
1556	217.993	2.12500	-1.00000
1557	217.993	2.12500	0.000000E+00
1558	209.430	10.1250	0.000000E+00
1559	209.707	0.000000E+00	0.000000E+00
1560	209.707	0.750000	0.000000E+00
1561	209.541	2.12500	0.000000E+00
1562	209.541	5.62500	0.000000E+00
1563	209.707	9.12500	0.000000E+00
1564	209.707	10.5000	0.000000E+00
1565	210.708	3.12500	0.000000E+00
1566	213.136	5.62500	0.000000E+00
1567	210.708	6.62500	0.000000E+00
1568	217.993	9.12500	-1.00000
1569	217.993	9.12500	0.000000E+00
1570	210.708	10.1250	0.000000E+00
1571	217.993	10.5000	0.000000E+00
1572	212.136	0.000000E+00	0.000000E+00
1573	217.993	11.2500	0.000000E+00
1574	212.136	0.750000	0.000000E+00
1575	213.136	5.62500	-1.00000
1576	211.969	2.12500	-1.00000
1577	220.422	2.12500	0.000000E+00
1578	211.969	2.12500	0.000000E+00
1579	220.422	9.12500	0.000000E+00
1580	211.969	5.62500	-1.00000
1581	211.969	5.62500	0.000000E+00
1582	212.136	9.12500	0.000000E+00
1583	221.697	2.12500	0.000000E+00
1584	212.136	10.5000	0.000000E+00
1585	221.697	9.12500	0.000000E+00
1586	213.136	3.12500	0.000000E+00
1587	213.136	6.62500	0.000000E+00
1588	213.136	10.1250	0.000000E+00
1589	222.850	0.000000E+00	0.000000E+00
1590	214.564	0.000000E+00	0.000000E+00
1591	222.850	0.750000	0.000000E+00
1592	214.564	0.750000	0.000000E+00
1593	222.850	2.12500	-1.00000
1594	222.850	2.12500	0.000000E+00
1595	214.398	2.12500	0.000000E+00
1596	214.398	5.62500	0.000000E+00
1597	214.564	9.12500	0.000000E+00
1598	214.564	10.5000	0.000000E+00
1599	215.564	3.12500	0.000000E+00
1600	217.993	5.62500	0.000000E+00
1601	215.564	6.62500	0.000000E+00
1602	215.564	10.1250	0.000000E+00
1603	216.993	0.000000E+00	0.000000E+00

1604	216.993	0.750000	0.000000E+00
1605	222.850	9.12500	-1.00000
1606	222.850	9.12500	0.000000E+00
1607	217.993	5.62500	-1.00000
1608	222.850	10.5000	0.000000E+00
1609	216.826	2.12500	-1.00000
1610	222.850	11.2500	0.000000E+00
1611	216.826	2.12500	0.000000E+00
1612	216.826	5.62500	-1.00000
1613	216.826	5.62500	0.000000E+00
1614	225.278	2.12500	0.000000E+00
1615	216.993	9.12500	0.000000E+00
1616	225.278	9.12500	0.000000E+00
1617	216.993	10.5000	0.000000E+00
1618	217.993	3.12500	0.000000E+00
1619	217.993	6.62500	0.000000E+00
1620	227.707	0.000000E+00	0.000000E+00
1621	217.993	10.1250	0.000000E+00
1622	227.707	0.750000	0.000000E+00
1623	219.421	0.000000E+00	0.000000E+00
1624	180.137	9.12500	-2.50000
1625	179.137	10.1250	-2.50000
1626	227.707	2.12500	-1.00000
1627	227.707	2.12500	0.000000E+00
1628	219.421	0.750000	0.000000E+00
1629	219.255	2.12500	0.000000E+00
1630	219.255	5.62500	0.000000E+00
1631	219.421	9.12500	0.000000E+00
1632	228.707	2.12500	-2.50000
1633	227.707	3.12500	-2.50000
1634	219.421	10.5000	0.000000E+00
1635	220.422	3.12500	0.000000E+00
1636	220.422	6.62500	0.000000E+00
1637	220.422	10.1250	0.000000E+00
1638	221.697	3.12500	0.000000E+00
1639	222.850	5.62500	0.000000E+00
1640	228.707	9.12500	-2.50000
1641	227.707	10.1250	-2.50000
1642	227.707	9.12500	-1.00000
1643	227.707	9.12500	0.000000E+00
1644	221.697	6.62500	0.000000E+00
1645	227.707	10.5000	0.000000E+00
1646	221.697	10.1250	0.000000E+00
1647	227.707	11.2500	0.000000E+00
1648	221.850	0.000000E+00	0.000000E+00
1649	221.850	0.750000	0.000000E+00
1650	222.850	5.62500	-1.00000
1651	230.136	2.12500	0.000000E+00
1652	221.683	2.12500	-1.00000
1653	230.136	9.12500	0.000000E+00
1654	221.683	2.12500	0.000000E+00
1655	221.683	5.62500	-1.00000
1656	221.683	5.62500	0.000000E+00
1657	232.565	0.000000E+00	0.000000E+00
1658	221.850	9.12500	0.000000E+00
1659	232.565	0.750000	0.000000E+00
1660	221.850	10.5000	0.000000E+00
1661	232.565	2.12500	-1.00000
1662	232.565	2.12500	0.000000E+00
1663	222.850	3.12500	0.000000E+00
1664	222.850	6.62500	0.000000E+00
1665	222.850	10.1250	0.000000E+00
1666	224.279	0.000000E+00	0.000000E+00
1667	224.279	0.750000	0.000000E+00
1668	224.112	2.12500	0.000000E+00
1669	224.112	5.62500	0.000000E+00
1670	224.279	9.12500	0.000000E+00
1671	224.279	10.5000	0.000000E+00
1672	225.278	3.12500	0.000000E+00
1673	232.565	9.12500	-1.00000
1674	232.565	9.12500	0.000000E+00
1675	227.707	5.62500	0.000000E+00
1676	232.565	10.5000	0.000000E+00
1677	225.278	6.62500	0.000000E+00
1678	232.565	11.2500	0.000000E+00
1679	225.278	10.1250	0.000000E+00
1680	226.707	0.000000E+00	0.000000E+00
1681	226.707	0.750000	0.000000E+00
1682	233.716	2.12500	0.000000E+00
1683	227.707	5.62500	-1.00000
1684	233.716	9.12500	0.000000E+00
1685	226.540	2.12500	-1.00000
1686	226.540	2.12500	0.000000E+00
1687	226.540	5.62500	-1.00000
1688	234.994	2.12500	0.000000E+00
1689	226.540	5.62500	0.000000E+00
1690	234.994	9.12500	0.000000E+00
1691	226.707	9.12500	0.000000E+00
1692	226.707	10.5000	0.000000E+00
1693	227.707	3.12500	0.000000E+00
1694	237.423	0.000000E+00	0.000000E+00
1695	227.707	6.62500	0.000000E+00
1696	237.423	0.750000	0.000000E+00
1697	227.707	10.1250	0.000000E+00
1698	237.423	2.12500	-1.00000
1699	237.423	2.12500	0.000000E+00
1700	229.136	0.000000E+00	0.000000E+00
1701	229.136	0.750000	0.000000E+00
1702	228.969	2.12500	0.000000E+00
1703	228.969	5.62500	0.000000E+00
1704	229.136	9.12500	0.000000E+00
1705	229.136	10.5000	0.000000E+00
1706	230.136	3.12500	0.000000E+00
1707	232.565	5.62500	0.000000E+00
1708	230.136	6.62500	0.000000E+00

1709	230.136	10.1250	0.000000E+00
1710	237.423	9.12500	-1.00000
1711	237.423	9.12500	0.000000E+00
1712	231.565	0.000000E+00	0.000000E+00
1713	237.423	10.5000	0.000000E+00
1714	231.565	0.750000	0.000000E+00
1715	237.423	11.2500	0.000000E+00
1716	232.565	5.62500	-1.00000
1717	231.398	2.12500	-1.00000
1718	231.398	2.12500	0.000000E+00
1719	239.852	2.12500	0.000000E+00
1720	231.398	5.62500	-1.00000
1721	239.852	9.12500	0.000000E+00
1722	231.398	5.62500	0.000000E+00
1723	231.565	9.12500	0.000000E+00
1724	231.565	10.5000	0.000000E+00
1725	242.281	0.000000E+00	0.000000E+00
1726	232.565	3.12500	0.000000E+00
1727	242.281	0.750000	0.000000E+00
1728	232.565	6.62500	0.000000E+00
1729	242.281	2.12500	-1.00000
1730	242.281	2.12500	0.000000E+00
1731	232.565	10.1250	0.000000E+00
1732	233.716	3.12500	0.000000E+00
1733	233.716	6.62500	0.000000E+00
1734	233.716	10.1250	0.000000E+00
1735	233.994	0.000000E+00	0.000000E+00
1736	233.994	0.750000	0.000000E+00
1737	233.827	2.12500	0.000000E+00
1738	233.827	5.62500	0.000000E+00
1739	233.994	9.12500	0.000000E+00
1740	233.994	10.5000	0.000000E+00
1741	242.281	9.12500	-1.00000
1742	242.281	9.12500	0.000000E+00
1743	234.994	3.12500	0.000000E+00
1744	242.281	10.5000	0.000000E+00
1745	237.423	5.62500	0.000000E+00
1746	242.281	11.2500	0.000000E+00
1747	234.994	6.62500	0.000000E+00
1748	234.994	10.1250	0.000000E+00
1749	236.423	0.000000E+00	0.000000E+00
1750	244.710	2.12500	0.000000E+00
1751	236.423	0.750000	0.000000E+00
1752	244.710	9.12500	0.000000E+00
1753	237.423	5.62500	-1.00000
1754	236.256	2.12500	-1.00000
1755	236.256	2.12500	0.000000E+00
1756	245.987	2.12500	0.000000E+00
1757	236.256	5.62500	-1.00000
1758	245.987	9.12500	0.000000E+00
1759	236.256	5.62500	0.000000E+00
1760	236.423	9.12500	0.000000E+00
1761	236.423	10.5000	0.000000E+00
1762	247.139	0.000000E+00	0.000000E+00
1763	237.423	3.12500	0.000000E+00
1764	247.139	0.750000	0.000000E+00
1765	237.423	6.62500	0.000000E+00
1766	247.139	2.12500	-1.00000
1767	247.139	2.12500	0.000000E+00
1768	237.423	10.1250	0.000000E+00
1769	238.852	0.000000E+00	0.000000E+00
1770	238.852	0.750000	0.000000E+00
1771	238.685	2.12500	0.000000E+00
1772	238.685	5.62500	0.000000E+00
1773	238.852	9.12500	0.000000E+00
1774	238.852	10.5000	0.000000E+00
1775	239.852	3.12500	0.000000E+00
1776	242.281	5.62500	0.000000E+00
1777	239.852	6.62500	0.000000E+00
1778	247.139	9.12500	-1.00000
1779	247.139	9.12500	0.000000E+00
1780	239.852	10.1250	0.000000E+00
1781	247.139	10.5000	0.000000E+00
1782	241.281	0.000000E+00	0.000000E+00
1783	247.139	11.2500	0.000000E+00
1784	241.281	0.750000	0.000000E+00
1785	242.281	5.62500	-1.00000
1786	241.114	2.12500	-1.00000
1787	249.568	2.12500	0.000000E+00
1788	241.114	2.12500	0.000000E+00
1789	249.568	9.12500	0.000000E+00
1790	241.114	5.62500	-1.00000
1791	241.114	5.62500	0.000000E+00
1792	241.281	9.12500	0.000000E+00
1793	251.997	0.000000E+00	0.000000E+00
1794	241.281	10.5000	0.000000E+00
1795	251.997	0.750000	0.000000E+00
1796	242.281	3.12500	0.000000E+00
1797	251.997	2.12500	-1.00000
1798	251.997	2.12500	0.000000E+00
1799	242.281	6.62500	0.000000E+00
1800	242.281	10.1250	0.000000E+00
1801	243.710	0.000000E+00	0.000000E+00
1802	243.710	0.750000	0.000000E+00
1803	243.543	2.12500	0.000000E+00
1804	243.543	5.62500	0.000000E+00
1805	243.710	9.12500	0.000000E+00
1806	243.710	10.5000	0.000000E+00
1807	244.710	3.12500	0.000000E+00
1808	244.710	6.62500	0.000000E+00
1809	251.997	9.12500	-1.00000
1810	251.997	9.12500	0.000000E+00
1811	244.710	10.1250	0.000000E+00
1812	251.997	10.5000	0.000000E+00
1813	245.987	3.12500	0.000000E+00



1814	251.997	11.2500	0.000000E+00
1815	247.139	5.62500	0.000000E+00
1816	245.987	6.62500	0.000000E+00
1817	245.987	10.1250	0.000000E+00
1818	254.426	2.12500	0.000000E+00
1819	246.139	0.000000E+00	0.000000E+00
1820	254.426	9.12500	0.000000E+00
1821	246.139	0.750000	0.000000E+00
1822	247.139	5.62500	-1.00000
1823	245.972	2.12500	-1.00000
1824	256.855	0.000000E+00	0.000000E+00
1825	245.972	2.12500	0.000000E+00
1826	256.855	0.750000	0.000000E+00
1827	245.972	5.62500	-1.00000
1828	256.855	2.12500	-1.00000
1829	256.855	2.12500	0.000000E+00
1830	245.972	5.62500	0.000000E+00
1831	246.139	9.12500	0.000000E+00
1832	246.139	10.5000	0.000000E+00
1833	247.139	3.12500	0.000000E+00
1834	247.139	6.62500	0.000000E+00
1835	247.139	10.1250	0.000000E+00
1836	248.568	0.000000E+00	0.000000E+00
1837	248.568	0.750000	0.000000E+00
1838	248.401	2.12500	0.000000E+00
1839	248.401	5.62500	0.000000E+00
1840	256.855	9.12500	-1.00000
1841	256.855	9.12500	0.000000E+00
1842	248.568	9.12500	0.000000E+00
1843	256.855	10.5000	0.000000E+00
1844	248.568	10.5000	0.000000E+00
1845	256.855	11.2500	0.000000E+00
1846	249.568	3.12500	0.000000E+00
1847	251.997	5.62500	0.000000E+00
1848	249.568	6.62500	0.000000E+00
1849	258.007	2.12500	0.000000E+00
1850	249.568	10.1250	0.000000E+00
1851	258.007	9.12500	0.000000E+00
1852	250.997	0.000000E+00	0.000000E+00
1853	250.997	0.750000	0.000000E+00
1854	251.997	5.62500	-1.00000
1855	259.284	2.12500	0.000000E+00
1856	250.830	2.12500	-1.00000
1857	259.284	9.12500	0.000000E+00
1858	250.830	2.12500	0.000000E+00
1859	250.830	5.62500	-1.00000
1860	250.830	5.62500	0.000000E+00
1861	261.713	0.000000E+00	0.000000E+00
1862	250.997	9.12500	0.000000E+00
1863	261.713	0.750000	0.000000E+00
1864	250.997	10.5000	0.000000E+00
1865	261.713	2.12500	-1.00000
1866	261.713	2.12500	0.000000E+00
1867	251.997	3.12500	0.000000E+00
1868	251.997	6.62500	0.000000E+00
1869	251.997	10.1250	0.000000E+00
1870	253.426	0.000000E+00	0.000000E+00
1871	253.426	0.750000	0.000000E+00
1872	253.259	2.12500	0.000000E+00
1873	253.259	5.62500	0.000000E+00
1874	253.426	9.12500	0.000000E+00
1875	253.426	10.5000	0.000000E+00
1876	254.426	3.12500	0.000000E+00
1877	261.713	9.12500	-1.00000
1878	261.713	9.12500	0.000000E+00
1879	256.855	5.62500	0.000000E+00
1880	261.713	10.5000	0.000000E+00
1881	254.426	6.62500	0.000000E+00
1882	261.713	11.2500	0.000000E+00
1883	254.426	10.1250	0.000000E+00
1884	255.855	0.000000E+00	0.000000E+00
1885	255.855	0.750000	0.000000E+00
1886	264.142	2.12500	0.000000E+00
1887	256.855	5.62500	-1.00000
1888	264.142	9.12500	0.000000E+00
1889	255.688	2.12500	-1.00000
1890	255.688	2.12500	0.000000E+00
1891	255.688	5.62500	-1.00000
1892	266.571	0.000000E+00	0.000000E+00
1893	255.688	5.62500	0.000000E+00
1894	266.571	0.750000	0.000000E+00
1895	255.855	9.12500	0.000000E+00
1896	266.571	2.12500	-1.00000
1897	266.571	2.12500	0.000000E+00
1898	255.855	10.5000	0.000000E+00
1899	256.855	3.12500	0.000000E+00
1900	256.855	6.62500	0.000000E+00
1901	256.855	10.1250	0.000000E+00
1902	258.007	3.12500	0.000000E+00
1903	258.007	6.62500	0.000000E+00
1904	258.007	10.1250	0.000000E+00
1905	258.284	0.000000E+00	0.000000E+00
1906	258.284	0.750000	0.000000E+00
1907	258.117	2.12500	0.000000E+00
1908	266.571	9.12500	-1.00000
1909	266.571	9.12500	0.000000E+00
1910	258.117	5.62500	0.000000E+00
1911	266.571	10.5000	0.000000E+00
1912	258.284	9.12500	0.000000E+00
1913	266.571	11.2500	0.000000E+00
1914	258.284	10.5000	0.000000E+00
1915	259.284	3.12500	0.000000E+00
1916	261.713	5.62500	0.000000E+00
1917	269.000	2.12500	0.000000E+00
1918	259.284	6.62500	0.000000E+00

1919	269.000	9.12500	0.000000E+00
1920	259.284	10.1250	0.000000E+00
1921	260.713	0.000000E+00	0.000000E+00
1922	260.713	0.750000	0.000000E+00
1923	270.278	2.12500	0.000000E+00
1924	261.713	5.62500	-1.00000
1925	270.278	9.12500	0.000000E+00
1926	260.546	2.12500	-1.00000
1927	260.546	2.12500	0.000000E+00
1928	260.546	5.62500	-1.00000
1929	271.429	0.000000E+00	0.000000E+00
1930	260.546	5.62500	0.000000E+00
1931	271.429	0.750000	0.000000E+00
1932	260.713	9.12500	0.000000E+00
1933	271.429	2.12500	-1.00000
1934	271.429	2.12500	0.000000E+00
1935	260.713	10.5000	0.000000E+00
1936	261.713	3.12500	0.000000E+00
1937	261.713	6.62500	0.000000E+00
1938	261.713	10.1250	0.000000E+00
1939	263.142	0.000000E+00	0.000000E+00
1940	263.142	0.750000	0.000000E+00
1941	262.975	2.12500	0.000000E+00
1942	262.975	5.62500	0.000000E+00
1943	263.142	9.12500	0.000000E+00
1944	263.142	10.5000	0.000000E+00
1945	271.429	9.12500	-1.00000
1946	271.429	9.12500	0.000000E+00
1947	264.142	3.12500	0.000000E+00
1948	271.429	10.5000	0.000000E+00
1949	266.571	5.62500	0.000000E+00
1950	271.429	11.2500	0.000000E+00
1951	264.142	6.62500	0.000000E+00
1952	264.142	10.1250	0.000000E+00
1953	265.571	0.000000E+00	0.000000E+00
1954	273.858	2.12500	0.000000E+00
1955	265.571	0.750000	0.000000E+00
1956	273.858	9.12500	0.000000E+00
1957	266.571	5.62500	-1.00000
1958	265.404	2.12500	-1.00000
1959	265.404	2.12500	0.000000E+00
1960	276.287	0.000000E+00	0.000000E+00
1961	265.404	5.62500	-1.00000
1962	276.287	0.750000	0.000000E+00
1963	265.404	5.62500	0.000000E+00
1964	277.287	2.12500	-2.50000
1965	276.287	3.12500	-2.50000
1966	276.287	2.12500	-1.00000
1967	276.287	2.12500	0.000000E+00
1968	265.571	9.12500	0.000000E+00
1969	265.571	10.5000	0.000000E+00
1970	266.571	3.12500	0.000000E+00
1971	266.571	6.62500	0.000000E+00
1972	277.287	9.12500	-2.50000
1973	276.287	10.1250	-2.50000
1974	266.571	10.1250	0.000000E+00
1975	268.000	0.000000E+00	0.000000E+00
1976	268.000	0.750000	0.000000E+00
1977	267.833	2.12500	0.000000E+00
1978	267.833	5.62500	0.000000E+00
1979	268.000	9.12500	0.000000E+00
1980	325.877	2.12500	-2.50000
1981	324.877	3.12500	-2.50000
1982	276.287	9.12500	-1.00000
1983	276.287	9.12500	0.000000E+00
1984	268.000	10.5000	0.000000E+00
1985	276.287	10.5000	0.000000E+00
1986	269.000	3.12500	0.000000E+00
1987	276.287	11.2500	0.000000E+00
1988	269.000	6.62500	0.000000E+00
1989	269.000	10.1250	0.000000E+00
1990	270.278	3.12500	0.000000E+00
1991	278.717	2.12500	0.000000E+00
1992	271.429	5.62500	0.000000E+00
1993	278.717	9.12500	0.000000E+00
1994	270.278	6.62500	0.000000E+00
1995	270.278	10.1250	0.000000E+00
1996	270.429	0.000000E+00	0.000000E+00
1997	281.146	0.000000E+00	0.000000E+00
1998	270.429	0.750000	0.000000E+00
1999	281.146	0.750000	0.000000E+00
2000	271.429	5.62500	-1.00000
2001	281.146	2.12500	-1.00000
2002	281.146	2.12500	0.000000E+00
2003	270.262	2.12500	-1.00000
2004	270.262	2.12500	0.000000E+00
2005	270.262	5.62500	-1.00000
2006	270.262	5.62500	0.000000E+00
2007	270.429	9.12500	0.000000E+00
2008	270.429	10.5000	0.000000E+00
2009	271.429	3.12500	0.000000E+00
2010	271.429	6.62500	0.000000E+00
2011	271.429	10.1250	0.000000E+00
2012	272.858	0.000000E+00	0.000000E+00
2013	281.146	9.12500	-1.00000
2014	281.146	9.12500	0.000000E+00
2015	272.858	0.750000	0.000000E+00
2016	281.146	10.5000	0.000000E+00
2017	272.691	2.12500	0.000000E+00
2018	281.146	11.2500	0.000000E+00
2019	272.691	5.62500	0.000000E+00
2020	272.858	9.12500	0.000000E+00
2021	272.858	10.5000	0.000000E+00
2022	282.298	2.12500	0.000000E+00
2023	273.858	3.12500	0.000000E+00

2024	282.298	9.12500	0.000000E+00
2025	276.287	5.62500	0.000000E+00
2026	273.858	6.62500	0.000000E+00
2027	273.858	10.1250	0.000000E+00
2028	283.575	2.12500	0.000000E+00
2029	275.287	0.000000E+00	0.000000E+00
2030	283.575	9.12500	0.000000E+00
2031	275.287	0.750000	0.000000E+00
2032	276.287	5.62500	-1.00000
2033	275.120	2.12500	-1.00000
2034	286.005	0.000000E+00	0.000000E+00
2035	275.120	2.12500	0.000000E+00
2036	286.005	0.750000	0.000000E+00
2037	275.120	5.62500	-1.00000
2038	286.005	2.12500	-1.00000
2039	286.005	2.12500	0.000000E+00
2040	275.120	5.62500	0.000000E+00
2041	275.287	9.12500	0.000000E+00
2042	275.287	10.5000	0.000000E+00
2043	276.287	3.12500	0.000000E+00
2044	276.287	6.62500	0.000000E+00
2045	276.287	10.1250	0.000000E+00
2046	277.716	0.000000E+00	0.000000E+00
2047	277.716	0.750000	0.000000E+00
2048	277.550	2.12500	0.000000E+00
2049	277.550	5.62500	0.000000E+00
2050	286.005	9.12500	-1.00000
2051	286.005	9.12500	0.000000E+00
2052	277.716	9.12500	0.000000E+00
2053	286.005	10.5000	0.000000E+00
2054	277.716	10.5000	0.000000E+00
2055	286.005	11.2500	0.000000E+00
2056	278.717	3.12500	0.000000E+00
2057	281.146	5.62500	0.000000E+00
2058	278.717	6.62500	0.000000E+00
2059	288.434	2.12500	0.000000E+00
2060	278.717	10.1250	0.000000E+00
2061	288.434	9.12500	0.000000E+00
2062	280.146	0.000000E+00	0.000000E+00
2063	280.146	0.750000	0.000000E+00
2064	281.146	5.62500	-1.00000
2065	290.864	0.000000E+00	0.000000E+00
2066	279.979	2.12500	-1.00000
2067	290.864	0.750000	0.000000E+00
2068	279.979	2.12500	0.000000E+00
2069	290.864	2.12500	-1.00000
2070	290.864	2.12500	0.000000E+00
2071	279.979	5.62500	-1.00000
2072	279.979	5.62500	0.000000E+00
2073	280.146	9.12500	0.000000E+00
2074	280.146	10.5000	0.000000E+00
2075	281.146	3.12500	0.000000E+00
2076	281.146	6.62500	0.000000E+00
2077	281.146	10.1250	0.000000E+00
2078	282.298	3.12500	0.000000E+00
2079	282.298	6.62500	0.000000E+00
2080	282.298	10.1250	0.000000E+00
2081	290.864	9.12500	-1.00000
2082	290.864	9.12500	0.000000E+00
2083	282.575	0.000000E+00	0.000000E+00
2084	290.864	10.5000	0.000000E+00
2085	282.575	0.750000	0.000000E+00
2086	290.864	11.2500	0.000000E+00
2087	282.409	2.12500	0.000000E+00
2088	282.409	5.62500	0.000000E+00
2089	282.575	9.12500	0.000000E+00
2090	293.293	2.12500	0.000000E+00
2091	282.575	10.5000	0.000000E+00
2092	293.293	9.12500	0.000000E+00
2093	283.575	3.12500	0.000000E+00
2094	286.005	5.62500	0.000000E+00
2095	283.575	6.62500	0.000000E+00
2096	294.571	2.12500	0.000000E+00
2097	283.575	10.1250	0.000000E+00
2098	294.571	9.12500	0.000000E+00
2099	285.005	0.000000E+00	0.000000E+00
2100	285.005	0.750000	0.000000E+00
2101	286.005	5.62500	-1.00000
2102	295.723	0.000000E+00	0.000000E+00
2103	284.838	2.12500	-1.00000
2104	295.723	0.750000	0.000000E+00
2105	284.838	2.12500	0.000000E+00
2106	295.723	2.12500	-1.00000
2107	295.723	2.12500	0.000000E+00
2108	284.838	5.62500	-1.00000
2109	284.838	5.62500	0.000000E+00
2110	285.005	9.12500	0.000000E+00
2111	285.005	10.5000	0.000000E+00
2112	286.005	3.12500	0.000000E+00
2113	286.005	6.62500	0.000000E+00
2114	286.005	10.1250	0.000000E+00
2115	287.434	0.000000E+00	0.000000E+00
2116	287.434	0.750000	0.000000E+00
2117	287.268	2.12500	0.000000E+00
2118	295.723	9.12500	-1.00000
2119	295.723	9.12500	0.000000E+00
2120	287.268	5.62500	0.000000E+00
2121	295.723	10.5000	0.000000E+00
2122	287.434	9.12500	0.000000E+00
2123	295.723	11.2500	0.000000E+00
2124	287.434	10.5000	0.000000E+00
2125	288.434	3.12500	0.000000E+00
2126	290.864	5.62500	0.000000E+00
2127	298.152	2.12500	0.000000E+00
2128	288.434	6.62500	0.000000E+00

2129	298.152	9.12500	0.000000E+00
2130	288.434	10.1250	0.000000E+00
2131	289.864	0.000000E+00	0.000000E+00
2132	289.864	0.750000	0.000000E+00
2133	300.582	0.000000E+00	0.000000E+00
2134	290.864	5.62500	-1.00000
2135	300.582	0.750000	0.000000E+00
2136	289.697	2.12500	-1.00000
2137	300.582	2.12500	-1.00000
2138	300.582	2.12500	0.000000E+00
2139	289.697	2.12500	0.000000E+00
2140	289.697	5.62500	-1.00000
2141	289.697	5.62500	0.000000E+00
2142	289.864	9.12500	0.000000E+00
2143	289.864	10.5000	0.000000E+00
2144	290.864	3.12500	0.000000E+00
2145	290.864	6.62500	0.000000E+00
2146	290.864	10.1250	0.000000E+00
2147	292.293	0.000000E+00	0.000000E+00
2148	292.293	0.750000	0.000000E+00
2149	300.582	9.12500	-1.00000
2150	300.582	9.12500	0.000000E+00
2151	292.127	2.12500	0.000000E+00
2152	300.582	10.5000	0.000000E+00
2153	292.127	5.62500	0.000000E+00
2154	300.582	11.2500	0.000000E+00
2155	292.293	9.12500	0.000000E+00
2156	292.293	10.5000	0.000000E+00
2157	293.293	3.12500	0.000000E+00
2158	303.012	2.12500	0.000000E+00
2159	293.293	6.62500	0.000000E+00
2160	303.012	9.12500	0.000000E+00
2161	293.293	10.1250	0.000000E+00
2162	294.571	3.12500	0.000000E+00
2163	295.723	5.62500	0.000000E+00
2164	305.441	0.000000E+00	0.000000E+00
2165	294.571	6.62500	0.000000E+00
2166	305.441	0.750000	0.000000E+00
2167	294.571	10.1250	0.000000E+00
2168	305.441	2.12500	-1.00000
2169	305.441	2.12500	0.000000E+00
2170	294.723	0.000000E+00	0.000000E+00
2171	294.723	0.750000	0.000000E+00
2172	295.723	5.62500	-1.00000
2173	294.556	2.12500	-1.00000
2174	294.556	2.12500	0.000000E+00
2175	294.556	5.62500	-1.00000
2176	294.556	5.62500	0.000000E+00
2177	294.723	9.12500	0.000000E+00
2178	294.723	10.5000	0.000000E+00
2179	295.723	3.12500	0.000000E+00
2180	305.441	9.12500	-1.00000
2181	305.441	9.12500	0.000000E+00
2182	295.723	6.62500	0.000000E+00
2183	305.441	10.5000	0.000000E+00
2184	295.723	10.1250	0.000000E+00
2185	305.441	11.2500	0.000000E+00
2186	297.152	0.000000E+00	0.000000E+00
2187	297.152	0.750000	0.000000E+00
2188	296.986	2.12500	0.000000E+00
2189	306.593	2.12500	0.000000E+00
2190	296.986	5.62500	0.000000E+00
2191	306.593	9.12500	0.000000E+00
2192	297.152	9.12500	0.000000E+00
2193	297.152	10.5000	0.000000E+00
2194	298.152	3.12500	0.000000E+00
2195	307.870	2.12500	0.000000E+00
2196	300.582	5.62500	0.000000E+00
2197	307.870	9.12500	0.000000E+00
2198	298.152	6.62500	0.000000E+00
2199	298.152	10.1250	0.000000E+00
2200	299.582	0.000000E+00	0.000000E+00
2201	310.300	0.000000E+00	0.000000E+00
2202	299.582	0.750000	0.000000E+00
2203	310.300	0.750000	0.000000E+00
2204	300.582	5.62500	-1.00000
2205	310.300	2.12500	-1.00000
2206	310.300	2.12500	0.000000E+00
2207	299.415	2.12500	-1.00000
2208	299.415	2.12500	0.000000E+00
2209	299.415	5.62500	-1.00000
2210	299.415	5.62500	0.000000E+00
2211	299.582	9.12500	0.000000E+00
2212	299.582	10.5000	0.000000E+00
2213	300.582	3.12500	0.000000E+00
2214	300.582	6.62500	0.000000E+00
2215	300.582	10.1250	0.000000E+00
2216	302.012	0.000000E+00	0.000000E+00
2217	310.300	9.12500	-1.00000
2218	310.300	9.12500	0.000000E+00
2219	302.012	0.750000	0.000000E+00
2220	310.300	10.5000	0.000000E+00
2221	301.845	2.12500	0.000000E+00
2222	310.300	11.2500	0.000000E+00
2223	301.845	5.62500	0.000000E+00
2224	302.012	9.12500	0.000000E+00
2225	302.012	10.5000	0.000000E+00
2226	312.730	2.12500	0.000000E+00
2227	303.012	3.12500	0.000000E+00
2228	312.730	9.12500	0.000000E+00
2229	305.441	5.62500	0.000000E+00
2230	303.012	6.62500	0.000000E+00
2231	303.012	10.1250	0.000000E+00
2232	315.159	0.000000E+00	0.000000E+00
2233	304.441	0.000000E+00	0.000000E+00

2234	315.159	0.750000	0.000000E+00
2235	304.441	0.750000	0.000000E+00
2236	315.159	2.125000	-1.000000
2237	315.159	2.125000	0.000000E+00
2238	305.441	5.625000	-1.000000
2239	304.274	2.125000	-1.000000
2240	304.274	2.125000	0.000000E+00
2241	304.274	5.625000	-1.000000
2242	304.274	5.625000	0.000000E+00
2243	304.441	9.125000	0.000000E+00
2244	304.441	10.500000	0.000000E+00
2245	305.441	3.125000	0.000000E+00
2246	305.441	6.625000	0.000000E+00
2247	305.441	10.125000	0.000000E+00
2248	315.159	9.125000	-1.000000
2249	315.159	9.125000	0.000000E+00
2250	306.593	3.125000	0.000000E+00
2251	315.159	10.500000	0.000000E+00
2252	306.593	6.625000	0.000000E+00
2253	315.159	11.250000	0.000000E+00
2254	306.593	10.125000	0.000000E+00
2255	306.870	0.000000E+00	0.000000E+00
2256	306.870	0.750000	0.000000E+00
2257	317.588	2.125000	0.000000E+00
2258	306.704	2.125000	0.000000E+00
2259	317.588	9.125000	0.000000E+00
2260	306.704	5.625000	0.000000E+00
2261	306.870	9.125000	0.000000E+00
2262	306.870	10.500000	0.000000E+00
2263	318.866	2.125000	0.000000E+00
2264	307.870	3.125000	0.000000E+00
2265	318.866	9.125000	0.000000E+00
2266	310.300	5.625000	0.000000E+00
2267	307.870	6.625000	0.000000E+00
2268	307.870	10.125000	0.000000E+00
2269	320.018	0.000000E+00	0.000000E+00
2270	309.300	0.000000E+00	0.000000E+00
2271	320.018	0.750000	0.000000E+00
2272	309.300	0.750000	0.000000E+00
2273	320.018	2.125000	-1.000000
2274	320.018	2.125000	0.000000E+00
2275	310.300	5.625000	-1.000000
2276	309.133	2.125000	-1.000000
2277	309.133	2.125000	0.000000E+00
2278	309.133	5.625000	-1.000000
2279	309.133	5.625000	0.000000E+00
2280	309.300	9.125000	0.000000E+00
2281	309.300	10.500000	0.000000E+00
2282	310.300	3.125000	0.000000E+00
2283	310.300	6.625000	0.000000E+00
2284	310.300	10.125000	0.000000E+00
2285	320.018	9.125000	-1.000000
2286	320.018	9.125000	0.000000E+00
2287	311.729	0.000000E+00	0.000000E+00
2288	320.018	10.500000	0.000000E+00
2289	311.729	0.750000	0.000000E+00
2290	320.018	11.250000	0.000000E+00
2291	311.563	2.125000	0.000000E+00
2292	311.563	5.625000	0.000000E+00
2293	311.729	9.125000	0.000000E+00
2294	322.447	2.125000	0.000000E+00
2295	311.729	10.500000	0.000000E+00
2296	322.447	9.125000	0.000000E+00
2297	312.730	3.125000	0.000000E+00
2298	315.159	5.625000	0.000000E+00
2299	312.730	6.625000	0.000000E+00
2300	324.877	0.000000E+00	0.000000E+00
2301	312.730	10.125000	0.000000E+00
2302	324.877	0.750000	0.000000E+00
2303	314.159	0.000000E+00	0.000000E+00
2304	325.877	9.125000	-2.500000
2305	324.877	10.125000	-2.500000
2306	324.877	2.125000	-1.000000
2307	324.877	2.125000	0.000000E+00
2308	314.159	0.750000	0.000000E+00
2309	315.159	5.625000	-1.000000
2310	313.992	2.125000	-1.000000
2311	313.992	2.125000	0.000000E+00
2312	374.578	2.125000	-2.500000
2313	373.578	3.125000	-2.500000
2314	313.992	5.625000	-1.000000
2315	313.992	5.625000	0.000000E+00
2316	314.159	9.125000	0.000000E+00
2317	314.159	10.500000	0.000000E+00
2318	315.159	3.125000	0.000000E+00
2319	315.159	6.625000	0.000000E+00
2320	374.578	9.125000	-2.500000
2321	373.578	10.125000	-2.500000
2322	324.877	9.125000	-1.000000
2323	324.877	9.125000	0.000000E+00
2324	315.159	10.125000	0.000000E+00
2325	324.877	10.500000	0.000000E+00
2326	316.589	0.000000E+00	0.000000E+00
2327	324.877	11.250000	0.000000E+00
2328	316.589	0.750000	0.000000E+00
2329	316.422	2.125000	0.000000E+00
2330	316.422	5.625000	0.000000E+00
2331	327.306	2.125000	0.000000E+00
2332	316.589	9.125000	0.000000E+00
2333	327.306	9.125000	0.000000E+00
2334	316.589	10.500000	0.000000E+00
2335	317.588	3.125000	0.000000E+00
2336	317.588	6.625000	0.000000E+00
2337	329.736	0.000000E+00	0.000000E+00
2338	317.588	10.125000	0.000000E+00

2339	329.736	0.750000	0.000000E+00
2340	318.866	3.12500	0.000000E+00
2341	329.736	2.12500	-1.00000
2342	329.736	2.12500	0.000000E+00
2343	320.018	5.62500	0.000000E+00
2344	318.866	6.62500	0.000000E+00
2345	318.866	10.1250	0.000000E+00
2346	319.018	0.000000E+00	0.000000E+00
2347	319.018	0.750000	0.000000E+00
2348	320.018	5.62500	-1.00000
2349	318.851	2.12500	-1.00000
2350	318.851	2.12500	0.000000E+00
2351	318.851	5.62500	-1.00000
2352	318.851	5.62500	0.000000E+00
2353	329.736	9.12500	-1.00000
2354	329.736	9.12500	0.000000E+00
2355	319.018	9.12500	0.000000E+00
2356	329.736	10.5000	0.000000E+00
2357	319.018	10.5000	0.000000E+00
2358	329.736	11.2500	0.000000E+00
2359	320.018	3.12500	0.000000E+00
2360	320.018	6.62500	0.000000E+00
2361	320.018	10.1250	0.000000E+00
2362	330.890	2.12500	0.000000E+00
2363	321.447	0.000000E+00	0.000000E+00
2364	330.890	9.12500	0.000000E+00
2365	321.447	0.750000	0.000000E+00
2366	321.281	2.12500	0.000000E+00
2367	321.281	5.62500	0.000000E+00
2368	332.165	2.12500	0.000000E+00
2369	321.447	9.12500	0.000000E+00
2370	332.165	9.12500	0.000000E+00
2371	321.447	10.5000	0.000000E+00
2372	322.447	3.12500	0.000000E+00
2373	324.877	5.62500	0.000000E+00
2374	332.182	2.12500	0.000000E+00
2375	322.447	6.62500	0.000000E+00
2376	332.182	9.12500	0.000000E+00
2377	322.447	10.1250	0.000000E+00
2378	323.877	0.000000E+00	0.000000E+00
2379	323.877	0.750000	0.000000E+00
2380	334.595	0.000000E+00	0.000000E+00
2381	324.877	5.62500	-1.00000
2382	334.595	0.750000	0.000000E+00
2383	323.710	2.12500	-1.00000
2384	334.595	2.12500	-1.00000
2385	334.595	2.12500	0.000000E+00
2386	323.710	2.12500	0.000000E+00
2387	323.710	5.62500	-1.00000
2388	323.710	5.62500	0.000000E+00
2389	323.877	9.12500	0.000000E+00
2390	323.877	10.5000	0.000000E+00
2391	324.877	3.12500	0.000000E+00
2392	324.877	6.62500	0.000000E+00
2393	324.877	10.1250	0.000000E+00
2394	326.307	0.000000E+00	0.000000E+00
2395	326.307	0.750000	0.000000E+00
2396	334.595	9.12500	-1.00000
2397	334.595	9.12500	0.000000E+00
2398	326.140	2.12500	0.000000E+00
2399	334.595	10.5000	0.000000E+00
2400	326.140	5.62500	0.000000E+00
2401	334.595	11.2500	0.000000E+00
2402	326.307	9.12500	0.000000E+00
2403	326.307	10.5000	0.000000E+00
2404	327.306	3.12500	0.000000E+00
2405	337.024	2.12500	0.000000E+00
2406	329.736	5.62500	0.000000E+00
2407	337.024	9.12500	0.000000E+00
2408	327.306	6.62500	0.000000E+00
2409	327.306	10.1250	0.000000E+00
2410	328.736	0.000000E+00	0.000000E+00
2411	339.454	0.000000E+00	0.000000E+00
2412	328.736	0.750000	0.000000E+00
2413	339.454	0.750000	0.000000E+00
2414	329.736	5.62500	-1.00000
2415	339.454	2.12500	-1.00000
2416	339.454	2.12500	0.000000E+00
2417	328.569	2.12500	-1.00000
2418	328.569	2.12500	0.000000E+00
2419	328.569	5.62500	-1.00000
2420	328.569	5.62500	0.000000E+00
2421	328.736	9.12500	0.000000E+00
2422	328.736	10.5000	0.000000E+00
2423	329.736	3.12500	0.000000E+00
2424	329.736	6.62500	0.000000E+00
2425	329.736	10.1250	0.000000E+00
2426	330.890	3.12500	0.000000E+00
2427	339.454	9.12500	-1.00000
2428	339.454	9.12500	0.000000E+00
2429	330.890	6.62500	0.000000E+00
2430	339.454	10.5000	0.000000E+00
2431	330.890	10.1250	0.000000E+00
2432	339.454	11.2500	0.000000E+00
2433	331.165	0.000000E+00	0.000000E+00
2434	331.165	0.750000	0.000000E+00
2435	330.999	2.12500	0.000000E+00
2436	341.883	2.12500	0.000000E+00
2437	330.999	5.62500	0.000000E+00
2438	341.883	9.12500	0.000000E+00
2439	331.165	9.12500	0.000000E+00
2440	331.165	10.5000	0.000000E+00
2441	332.165	3.12500	0.000000E+00
2442	343.163	2.12500	0.000000E+00
2443	332.165	6.62500	0.000000E+00

2444	343.163	9.12500	0.000000E+00
2445	332.165	10.1250	0.000000E+00
2446	332.182	3.12500	0.000000E+00
2447	334.595	5.62500	0.000000E+00
2448	344.313	0.000000E+00	0.000000E+00
2449	332.182	6.62500	0.000000E+00
2450	344.313	0.750000	0.000000E+00
2451	332.182	10.1250	0.000000E+00
2452	344.313	2.12500	-1.00000
2453	344.313	2.12500	0.000000E+00
2454	333.595	0.000000E+00	0.000000E+00
2455	333.595	0.750000	0.000000E+00
2456	334.595	5.62500	-1.00000
2457	333.428	2.12500	-1.00000
2458	333.428	2.12500	0.000000E+00
2459	333.428	5.62500	-1.00000
2460	333.428	5.62500	0.000000E+00
2461	333.595	9.12500	0.000000E+00
2462	333.595	10.5000	0.000000E+00
2463	334.595	3.12500	0.000000E+00
2464	344.313	9.12500	-1.00000
2465	344.313	9.12500	0.000000E+00
2466	334.595	6.62500	0.000000E+00
2467	344.313	10.5000	0.000000E+00
2468	334.595	10.1250	0.000000E+00
2469	344.313	11.2500	0.000000E+00
2470	336.024	0.000000E+00	0.000000E+00
2471	336.024	0.750000	0.000000E+00
2472	335.858	2.12500	0.000000E+00
2473	346.743	2.12500	0.000000E+00
2474	335.858	5.62500	0.000000E+00
2475	346.743	9.12500	0.000000E+00
2476	336.024	9.12500	0.000000E+00
2477	336.024	10.5000	0.000000E+00
2478	337.024	3.12500	0.000000E+00
2479	349.172	0.000000E+00	0.000000E+00
2480	339.454	5.62500	0.000000E+00
2481	349.172	0.750000	0.000000E+00
2482	337.024	6.62500	0.000000E+00
2483	349.172	2.12500	-1.00000
2484	349.172	2.12500	0.000000E+00
2485	337.024	10.1250	0.000000E+00
2486	338.454	0.000000E+00	0.000000E+00
2487	338.454	0.750000	0.000000E+00
2488	339.454	5.62500	-1.00000
2489	338.287	2.12500	-1.00000
2490	338.287	2.12500	0.000000E+00
2491	338.287	5.62500	-1.00000
2492	338.287	5.62500	0.000000E+00
2493	338.454	9.12500	0.000000E+00
2494	338.454	10.5000	0.000000E+00
2495	349.172	9.12500	-1.00000
2496	349.172	9.12500	0.000000E+00
2497	339.454	3.12500	0.000000E+00
2498	349.172	10.5000	0.000000E+00
2499	339.454	6.62500	0.000000E+00
2500	349.172	11.2500	0.000000E+00
2501	339.454	10.1250	0.000000E+00
2502	340.883	0.000000E+00	0.000000E+00
2503	340.883	0.750000	0.000000E+00
2504	351.601	2.12500	0.000000E+00
2505	340.717	2.12500	0.000000E+00
2506	351.601	9.12500	0.000000E+00
2507	340.717	5.62500	0.000000E+00
2508	340.883	9.12500	0.000000E+00
2509	340.883	10.5000	0.000000E+00
2510	354.031	0.000000E+00	0.000000E+00
2511	341.883	3.12500	0.000000E+00
2512	354.031	0.750000	0.000000E+00
2513	341.883	6.62500	0.000000E+00
2514	354.031	2.12500	-1.00000
2515	354.031	2.12500	0.000000E+00
2516	341.883	10.1250	0.000000E+00
2517	343.163	3.12500	0.000000E+00
2518	344.313	5.62500	0.000000E+00
2519	343.163	6.62500	0.000000E+00
2520	343.163	10.1250	0.000000E+00
2521	343.313	0.000000E+00	0.000000E+00
2522	343.313	0.750000	0.000000E+00
2523	344.313	5.62500	-1.00000
2524	343.146	2.12500	-1.00000
2525	343.146	2.12500	0.000000E+00
2526	354.031	9.12500	-1.00000
2527	354.031	9.12500	0.000000E+00
2528	343.146	5.62500	-1.00000
2529	354.031	10.5000	0.000000E+00
2530	343.146	5.62500	0.000000E+00
2531	354.031	11.2500	0.000000E+00
2532	343.313	9.12500	0.000000E+00
2533	343.313	10.5000	0.000000E+00
2534	344.313	3.12500	0.000000E+00
2535	355.186	2.12500	0.000000E+00
2536	344.313	6.62500	0.000000E+00
2537	355.186	9.12500	0.000000E+00
2538	344.313	10.1250	0.000000E+00
2539	345.742	0.000000E+00	0.000000E+00
2540	345.742	0.750000	0.000000E+00
2541	356.460	2.12500	0.000000E+00
2542	345.576	2.12500	0.000000E+00
2543	356.460	9.12500	0.000000E+00
2544	345.576	5.62500	0.000000E+00
2545	345.742	9.12500	0.000000E+00
2546	345.742	10.5000	0.000000E+00
2547	358.890	0.000000E+00	0.000000E+00
2548	346.743	3.12500	0.000000E+00

2549	358.890	0.750000	0.000000E+00
2550	349.172	5.62500	0.000000E+00
2551	358.890	2.12500	-1.00000
2552	358.890	2.12500	0.000000E+00
2553	346.743	6.62500	0.000000E+00
2554	346.743	10.1250	0.000000E+00
2555	348.172	0.000000E+00	0.000000E+00
2556	348.172	0.750000	0.000000E+00
2557	349.172	5.62500	-1.00000
2558	348.005	2.12500	-1.00000
2559	348.005	2.12500	0.000000E+00
2560	348.005	5.62500	-1.00000
2561	348.005	5.62500	0.000000E+00
2562	348.172	9.12500	0.000000E+00
2563	358.890	9.12500	-1.00000
2564	358.890	9.12500	0.000000E+00
2565	348.172	10.5000	0.000000E+00
2566	358.890	10.5000	0.000000E+00
2567	349.172	3.12500	0.000000E+00
2568	358.890	11.2500	0.000000E+00
2569	349.172	6.62500	0.000000E+00
2570	349.172	10.1250	0.000000E+00
2571	350.601	0.000000E+00	0.000000E+00
2572	361.320	2.12500	0.000000E+00
2573	350.601	0.750000	0.000000E+00
2574	361.320	9.12500	0.000000E+00
2575	350.435	2.12500	0.000000E+00
2576	350.435	5.62500	0.000000E+00
2577	350.601	9.12500	0.000000E+00
2578	363.749	0.000000E+00	0.000000E+00
2579	350.601	10.5000	0.000000E+00
2580	363.749	0.750000	0.000000E+00
2581	351.601	3.12500	0.000000E+00
2582	363.749	2.12500	-1.00000
2583	363.749	2.12500	0.000000E+00
2584	354.031	5.62500	0.000000E+00
2585	351.601	6.62500	0.000000E+00
2586	351.601	10.1250	0.000000E+00
2587	353.031	0.000000E+00	0.000000E+00
2588	353.031	0.750000	0.000000E+00
2589	354.031	5.62500	-1.00000
2590	352.864	2.12500	-1.00000
2591	352.864	2.12500	0.000000E+00
2592	352.864	5.62500	-1.00000
2593	352.864	5.62500	0.000000E+00
2594	363.749	9.12500	-1.00000
2595	363.749	9.12500	0.000000E+00
2596	353.031	9.12500	0.000000E+00
2597	363.749	10.5000	0.000000E+00
2598	353.031	10.5000	0.000000E+00
2599	363.749	11.2500	0.000000E+00
2600	354.031	3.12500	0.000000E+00
2601	354.031	6.62500	0.000000E+00
2602	354.031	10.1250	0.000000E+00
2603	365.704	2.12500	0.000000E+00
2604	355.186	3.12500	0.000000E+00
2605	365.704	9.12500	0.000000E+00
2606	355.186	6.62500	0.000000E+00
2607	355.186	10.1250	0.000000E+00
2608	355.460	0.000000E+00	0.000000E+00
2609	366.236	2.12500	0.000000E+00
2610	355.460	0.750000	0.000000E+00
2611	366.236	9.12500	0.000000E+00
2612	355.294	2.12500	0.000000E+00
2613	355.294	5.62500	0.000000E+00
2614	355.460	9.12500	0.000000E+00
2615	366.273	2.12500	0.000000E+00
2616	355.460	10.5000	0.000000E+00
2617	366.273	9.12500	0.000000E+00
2618	356.460	3.12500	0.000000E+00
2619	358.890	5.62500	0.000000E+00
2620	356.460	6.62500	0.000000E+00
2621	367.574	2.12500	0.000000E+00
2622	356.460	10.1250	0.000000E+00
2623	367.574	9.12500	0.000000E+00
2624	357.890	0.000000E+00	0.000000E+00
2625	357.890	0.750000	0.000000E+00
2626	358.890	5.62500	-1.00000
2627	368.723	-0.820000E-01	0.000000E+00
2628	357.723	2.12500	-1.00000
2629	368.723	0.668000	0.000000E+00
2630	357.723	2.12500	0.000000E+00
2631	368.723	2.12500	-1.00000
2632	368.723	2.12500	0.000000E+00
2633	357.723	5.62500	-1.00000
2634	357.723	5.62500	0.000000E+00
2635	357.890	9.12500	0.000000E+00
2636	357.890	10.5000	0.000000E+00
2637	358.890	3.12500	0.000000E+00
2638	358.890	6.62500	0.000000E+00
2639	358.890	10.1250	0.000000E+00
2640	360.320	0.000000E+00	0.000000E+00
2641	360.320	0.750000	0.000000E+00
2642	360.153	2.12500	0.000000E+00
2643	368.723	9.12500	-1.00000
2644	368.723	9.12500	0.000000E+00
2645	360.153	5.62500	0.000000E+00
2646	368.723	10.5820	0.000000E+00
2647	360.320	9.12500	0.000000E+00
2648	368.723	11.3320	0.000000E+00
2649	360.320	10.5000	0.000000E+00
2650	361.320	3.12500	0.000000E+00
2651	363.749	5.62500	0.000000E+00
2652	371.150	2.12500	0.000000E+00
2653	361.320	6.62500	0.000000E+00



2654	371.150	9.12500	0.000000E+00
2655	361.320	10.1250	0.000000E+00
2656	362.749	0.000000E+00	0.000000E+00
2657	362.749	0.750000	0.000000E+00
2658	373.578	-0.215000	0.000000E+00
2659	363.749	5.62500	-1.00000
2660	373.578	0.535000	0.000000E+00
2661	362.582	2.12500	-1.00000
2662	408.610	2.12500	-2.50000
2663	407.610	3.12500	-2.50000
2664	373.578	2.12500	-1.00000
2665	373.578	2.12500	0.000000E+00
2666	362.582	2.12500	0.000000E+00
2667	362.582	5.62500	-1.00000
2668	362.582	5.62500	0.000000E+00
2669	362.749	9.12500	0.000000E+00
2670	408.610	9.12500	-2.50000
2671	407.610	10.1250	-2.50000
2672	362.749	10.5000	0.000000E+00
2673	363.749	3.12500	0.000000E+00
2674	363.749	6.62500	0.000000E+00
2675	363.749	10.1250	0.000000E+00
2676	365.704	3.12500	0.000000E+00
2677	365.704	6.62500	0.000000E+00
2678	1.50000	5.62500	-2.50000
2679	0.500000	6.62500	-2.50000
2680	373.578	9.12500	-1.00000
2681	373.578	9.12500	0.000000E+00
2682	365.704	10.1250	0.000000E+00
2683	373.578	10.7150	0.000000E+00
2684	365.236	-0.410000E-01	0.000000E+00
2685	373.578	11.4650	0.000000E+00
2686	365.236	0.709000	0.000000E+00
2687	365.069	2.12500	0.000000E+00
2688	365.069	5.62500	0.000000E+00
2689	376.009	2.12500	0.000000E+00
2690	365.236	9.12500	0.000000E+00
2691	376.009	9.12500	0.000000E+00
2692	365.236	10.5410	0.000000E+00
2693	366.236	3.12500	0.000000E+00
2694	366.236	6.62500	0.000000E+00
2695	378.440	-0.347000	0.000000E+00
2696	366.236	10.1250	0.000000E+00
2697	378.440	0.403000	0.000000E+00
2698	366.273	3.12500	0.000000E+00
2699	378.440	2.12500	-1.00000
2700	378.440	2.12500	0.000000E+00
2701	366.273	6.62500	0.000000E+00
2702	366.273	10.1250	0.000000E+00
2703	367.574	3.12500	0.000000E+00
2704	368.723	5.62500	0.000000E+00
2705	367.574	6.62500	0.000000E+00
2706	367.574	10.1250	0.000000E+00
2707	367.723	-0.820000E-01	0.000000E+00
2708	367.723	0.668000	0.000000E+00
2709	368.723	5.62500	-1.00000
2710	367.556	2.12500	-1.00000
2711	378.440	9.12500	-1.00000
2712	378.440	9.12500	0.000000E+00
2713	367.556	2.12500	0.000000E+00
2714	378.440	10.8470	0.000000E+00
2715	367.556	5.62500	-1.00000
2716	378.440	11.5970	0.000000E+00
2717	367.556	5.62500	0.000000E+00
2718	367.723	9.12500	0.000000E+00
2719	367.723	10.5820	0.000000E+00
2720	379.584	2.12500	0.000000E+00
2721	368.723	3.12500	0.000000E+00
2722	379.584	9.12500	0.000000E+00
2723	368.723	6.62500	0.000000E+00
2724	368.723	10.1250	0.000000E+00
2725	370.151	-0.148500	0.000000E+00
2726	380.871	2.12500	0.000000E+00
2727	370.151	0.601500	0.000000E+00
2728	380.871	9.12500	0.000000E+00
2729	369.984	2.12500	0.000000E+00
2730	369.984	5.62500	0.000000E+00
2731	370.151	9.12500	0.000000E+00
2732	383.301	-0.490300	0.000000E+00
2733	370.151	10.6485	0.000000E+00
2734	383.301	0.259700	0.000000E+00
2735	371.150	3.12500	0.000000E+00
2736	383.301	2.12500	-1.00000
2737	383.301	2.12500	0.000000E+00
2738	373.578	5.62500	0.000000E+00
2739	371.150	6.62500	0.000000E+00
2740	371.150	10.1250	0.000000E+00
2741	372.578	-0.215000	0.000000E+00
2742	372.578	0.535000	0.000000E+00
2743	373.578	5.62500	-1.00000
2744	372.411	2.12500	-1.00000
2745	372.411	2.12500	0.000000E+00
2746	372.411	5.62500	-1.00000
2747	372.411	5.62500	0.000000E+00
2748	383.301	9.12500	-1.00000
2749	383.301	9.12500	0.000000E+00
2750	372.578	9.12500	0.000000E+00
2751	383.301	10.9903	0.000000E+00
2752	372.578	10.7150	0.000000E+00
2753	383.301	11.7403	0.000000E+00
2754	373.578	3.12500	0.000000E+00
2755	373.578	6.62500	0.000000E+00
2756	373.578	10.1250	0.000000E+00
2757	385.732	2.12500	0.000000E+00
2758	375.009	-0.281000	0.000000E+00

2759	385.732	9.12500	0.000000E+00
2760	375.009	0.469000	0.000000E+00
2761	374.842	2.12500	0.000000E+00
2762	374.842	5.62500	0.000000E+00
2763	388.163	-0.623400	0.000000E+00
2764	375.009	9.12500	0.000000E+00
2765	388.163	0.126600	0.000000E+00
2766	375.009	10.7810	0.000000E+00
2767	388.163	2.12500	-1.00000
2768	388.163	2.12500	0.000000E+00
2769	376.009	3.12500	0.000000E+00
2770	378.440	5.62500	0.000000E+00
2771	376.009	6.62500	0.000000E+00
2772	376.009	10.1250	0.000000E+00
2773	377.440	-0.347000	0.000000E+00
2774	377.440	0.403000	0.000000E+00
2775	378.440	5.62500	-1.00000
2776	377.273	2.12500	-1.00000
2777	377.273	2.12500	0.000000E+00
2778	377.273	5.62500	-1.00000
2779	388.163	9.12500	-1.00000
2780	388.163	9.12500	0.000000E+00
2781	377.273	5.62500	0.000000E+00
2782	388.163	11.1234	0.000000E+00
2783	377.440	9.12500	0.000000E+00
2784	388.163	11.8734	0.000000E+00
2785	377.440	10.8470	0.000000E+00
2786	378.440	3.12500	0.000000E+00
2787	378.440	6.62500	0.000000E+00
2788	389.593	2.12500	0.000000E+00
2789	378.440	10.1250	0.000000E+00
2790	389.593	9.12500	0.000000E+00
2791	379.584	3.12500	0.000000E+00
2792	379.584	6.62500	0.000000E+00
2793	379.584	10.1250	0.000000E+00
2794	390.594	2.12500	0.000000E+00
2795	379.871	-0.418650	0.000000E+00
2796	390.594	9.12500	0.000000E+00
2797	379.871	0.331350	0.000000E+00
2798	379.704	2.12500	0.000000E+00
2799	379.704	5.62500	0.000000E+00
2800	393.025	-0.758000	0.000000E+00
2801	379.871	9.12500	0.000000E+00
2802	393.025	-0.800000E-02	0.000000E+00
2803	379.871	10.9186	0.000000E+00
2804	393.025	2.12500	-1.00000
2805	393.025	2.12500	0.000000E+00
2806	380.871	3.12500	0.000000E+00
2807	383.301	5.62500	0.000000E+00
2808	380.871	6.62500	0.000000E+00
2809	380.871	10.1250	0.000000E+00
2810	382.301	-0.490300	0.000000E+00
2811	382.301	0.259700	0.000000E+00
2812	383.301	5.62500	-1.00000
2813	382.135	2.12500	-1.00000
2814	382.135	2.12500	0.000000E+00
2815	382.135	5.62500	-1.00000
2816	393.025	9.12500	-1.00000
2817	393.025	9.12500	0.000000E+00
2818	382.135	5.62500	0.000000E+00
2819	393.025	11.2530	0.000000E+00
2820	382.301	9.12500	0.000000E+00
2821	393.025	12.0030	0.000000E+00
2822	382.301	10.9903	0.000000E+00
2823	383.301	3.12500	0.000000E+00
2824	383.301	6.62500	0.000000E+00
2825	395.456	2.12500	0.000000E+00
2826	383.301	10.1250	0.000000E+00
2827	395.456	9.12500	0.000000E+00
2828	384.732	-0.556850	0.000000E+00
2829	384.732	0.193150	0.000000E+00
2830	384.566	2.12500	0.000000E+00
2831	397.887	-0.893100	0.000000E+00
2832	384.566	5.62500	0.000000E+00
2833	397.887	-0.143100	0.000000E+00
2834	384.732	9.12500	0.000000E+00
2835	397.887	2.12500	-1.00000
2836	397.887	2.12500	0.000000E+00
2837	384.732	11.0569	0.000000E+00
2838	385.732	3.12500	0.000000E+00
2839	388.163	5.62500	0.000000E+00
2840	385.732	6.62500	0.000000E+00
2841	385.732	10.1250	0.000000E+00
2842	387.163	-0.623400	0.000000E+00
2843	387.163	0.126600	0.000000E+00
2844	388.163	5.62500	-1.00000
2845	386.996	2.12500	-1.00000
2846	386.996	2.12500	0.000000E+00
2847	397.887	9.12500	-1.00000
2848	397.887	9.12500	0.000000E+00
2849	386.996	5.62500	-1.00000
2850	397.887	11.3931	0.000000E+00
2851	386.996	5.62500	0.000000E+00
2852	397.887	12.1431	0.000000E+00
2853	387.163	9.12500	0.000000E+00
2854	387.163	11.1234	0.000000E+00
2855	388.163	3.12500	0.000000E+00
2856	399.602	2.12500	0.000000E+00
2857	388.163	6.62500	0.000000E+00
2858	399.602	9.12500	0.000000E+00
2859	388.163	10.1250	0.000000E+00
2860	389.593	3.12500	0.000000E+00
2861	389.593	6.62500	0.000000E+00
2862	400.317	2.12500	0.000000E+00
2863	389.593	10.1250	0.000000E+00

2864	400.317	9.12500	0.000000E+00
2865	389.594	-0.690700	0.000000E+00
2866	389.594	0.593000E-01	0.000000E+00
2867	389.427	2.12500	0.000000E+00
2868	402.748	-1.02650	0.000000E+00
2869	389.427	5.62500	0.000000E+00
2870	402.748	-0.276500	0.000000E+00
2871	389.594	9.12500	0.000000E+00
2872	402.748	2.12500	-1.00000
2873	402.748	2.12500	0.000000E+00
2874	389.594	11.1882	0.000000E+00
2875	390.594	3.12500	0.000000E+00
2876	393.025	5.62500	0.000000E+00
2877	390.594	6.62500	0.000000E+00
2878	390.594	10.1250	0.000000E+00
2879	392.025	-0.758000	0.000000E+00
2880	392.025	-0.800000E-02	0.000000E+00
2881	393.025	5.62500	-1.00000
2882	391.858	2.12500	-1.00000
2883	391.858	2.12500	0.000000E+00
2884	402.748	9.12500	-1.00000
2885	402.748	9.12500	0.000000E+00
2886	391.858	5.62500	-1.00000
2887	402.748	11.5265	0.000000E+00
2888	391.858	5.62500	0.000000E+00
2889	402.748	12.2765	0.000000E+00
2890	392.025	9.12500	0.000000E+00
2891	392.025	11.2530	0.000000E+00
2892	393.025	3.12500	0.000000E+00
2893	405.179	2.12500	0.000000E+00
2894	393.025	6.62500	0.000000E+00
2895	405.179	9.12500	0.000000E+00
2896	393.025	10.1250	0.000000E+00
2897	394.456	-0.825550	0.000000E+00
2898	394.456	-0.755500E-01	0.000000E+00
2899	407.610	-1.15800	0.000000E+00
2900	394.289	2.12500	0.000000E+00
2901	407.610	-0.398000	0.000000E+00
2902	394.289	5.62500	0.000000E+00
2903	34.5470	5.62500	-2.50000
2904	33.5470	6.62500	-2.50000
2905	407.610	2.12500	-1.00000
2906	407.610	2.12500	0.000000E+00
2907	394.456	9.12500	0.000000E+00
2908	394.456	11.3231	0.000000E+00
2909	395.456	3.12500	0.000000E+00
2910	397.887	5.62500	0.000000E+00
2911	83.0570	5.62500	-2.50000
2912	82.0570	6.62500	-2.50000
2913	395.456	6.62500	0.000000E+00
2914	395.456	10.1250	0.000000E+00
2915	396.887	-0.893100	0.000000E+00
2916	396.887	-0.143100	0.000000E+00
2917	397.887	5.62500	-1.00000
2918	396.720	2.12500	-1.00000
2919	131.587	5.62500	-2.50000
2920	130.587	6.62500	-2.50000
2921	407.610	9.12500	-1.00000
2922	407.610	9.12500	0.000000E+00
2923	396.720	2.12500	0.000000E+00
2924	407.610	11.6630	0.000000E+00
2925	396.720	5.62500	-1.00000
2926	407.610	12.4130	0.000000E+00
2927	396.720	5.62500	0.000000E+00
2928	396.887	9.12500	0.000000E+00
2929	396.887	11.3931	0.000000E+00
2930	408.110	-1.17200	0.000000E+00
2931	397.887	3.12500	0.000000E+00
2932	408.110	-0.412000	0.000000E+00
2933	397.887	6.62500	0.000000E+00
2934	408.110	2.12500	0.000000E+00
2935	397.887	10.1250	0.000000E+00
2936	399.602	3.12500	0.000000E+00
2937	399.602	6.62500	0.000000E+00
2938	399.602	10.1250	0.000000E+00
2939	399.317	-0.959800	0.000000E+00
2940	408.110	9.12500	0.000000E+00
2941	399.317	-0.209800	0.000000E+00
2942	408.110	11.6670	0.000000E+00
2943	399.151	2.12500	0.000000E+00
2944	408.110	12.4170	0.000000E+00
2945	399.151	5.62500	0.000000E+00
2946	399.317	9.12500	0.000000E+00
2947	399.317	11.4598	0.000000E+00
2948	400.317	3.12500	0.000000E+00
2949	402.748	5.62500	0.000000E+00
2950	400.317	6.62500	0.000000E+00
2951	400.317	10.1250	0.000000E+00
2952	401.748	-1.02650	0.000000E+00
2953	401.748	-0.276500	0.000000E+00
2954	402.748	5.62500	-1.00000
2955	401.582	2.12500	-1.00000
2956	401.582	2.12500	0.000000E+00
2957	401.582	5.62500	-1.00000
2958	401.582	5.62500	0.000000E+00
2959	401.748	9.12500	0.000000E+00
2960	401.748	11.5265	0.000000E+00
2961	402.748	3.12500	0.000000E+00
2962	402.748	6.62500	0.000000E+00
2963	402.748	10.1250	0.000000E+00
2964	404.179	-1.09225	0.000000E+00
2965	404.179	-0.337250	0.000000E+00
2966	404.012	2.12500	0.000000E+00
2967	404.012	5.62500	0.000000E+00
2968	404.179	9.12500	0.000000E+00

2969	404.179	11.5948	0.000000E+00
2970	405.179	3.12500	0.000000E+00
2971	407.610	5.62500	0.000000E+00
2972	405.179	6.62500	0.000000E+00
2973	405.179	10.1250	0.000000E+00
2974	406.610	-1.15800	0.000000E+00
2975	406.610	-0.398000	0.000000E+00
2976	407.610	5.62500	-1.00000
2977	406.443	2.12500	-1.00000
2978	406.443	2.12500	0.000000E+00
2979	406.443	5.62500	-1.00000
2980	406.443	5.62500	0.000000E+00
2981	406.610	9.12500	0.000000E+00
2982	406.610	11.6630	0.000000E+00
2983	407.610	3.12500	0.000000E+00
2984	407.610	6.62500	0.000000E+00
2985	407.610	10.1250	0.000000E+00
2986	407.110	-1.17200	0.000000E+00
2987	407.110	-0.412000	0.000000E+00
2988	406.943	2.12500	0.000000E+00
2989	406.943	5.62500	0.000000E+00
2990	407.110	9.12500	0.000000E+00
2991	407.110	11.6670	0.000000E+00
2992	0.500000	5.62500	0.277556E-16
2993	0.500000	4.62500	-1.00000
2994	5.22100	5.62500	0.277556E-16
2995	5.22100	4.62500	-1.00000
2996	9.94200	5.62500	0.277556E-16
2997	9.94200	4.62500	-1.00000
2998	14.6630	5.62500	0.277556E-16
2999	14.6630	4.62500	-1.00000
3000	19.3840	5.62500	0.277556E-16
3001	19.3840	4.62500	-1.00000
3002	24.1050	5.62500	0.277556E-16
3003	24.1050	4.62500	-1.00000
3004	28.8260	5.62500	0.277556E-16
3005	28.8260	4.62500	-1.00000
3006	33.5470	5.62500	0.277556E-16
3007	33.5470	4.62500	-1.00000
3008	38.3980	5.62500	0.277556E-16
3009	38.3980	4.62500	-1.00000
3010	43.2490	5.62500	0.277556E-16
3011	43.2490	4.62500	-1.00000
3012	48.1000	5.62500	0.277556E-16
3013	48.1000	4.62500	-1.00000
3014	52.9510	5.62500	0.277556E-16
3015	52.9510	4.62500	-1.00000
3016	57.8020	5.62500	0.277556E-16
3017	57.8020	4.62500	-1.00000
3018	62.6530	5.62500	0.277556E-16
3019	62.6530	4.62500	-1.00000
3020	67.5040	5.62500	0.277556E-16
3021	67.5040	4.62500	-1.00000
3022	72.3550	5.62500	0.277556E-16
3023	72.3550	4.62500	-1.00000
3024	77.2060	5.62500	0.277556E-16
3025	77.2060	4.62500	-1.00000
3026	82.0570	5.62500	0.277556E-16
3027	82.0570	4.62500	-1.00000
3028	86.9100	5.62500	0.277556E-16
3029	86.9100	4.62500	-1.00000
3030	91.7630	5.62500	0.277556E-16
3031	91.7630	4.62500	-1.00000
3032	96.6160	5.62500	0.277556E-16
3033	96.6160	4.62500	-1.00000
3034	101.469	5.62500	0.277556E-16
3035	101.469	4.62500	-1.00000
3036	106.322	5.62500	0.277556E-16
3037	106.322	4.62500	-1.00000
3038	111.175	5.62500	0.277556E-16
3039	111.175	4.62500	-1.00000
3040	116.028	5.62500	0.277556E-16
3041	116.028	4.62500	-1.00000
3042	120.881	5.62500	0.277556E-16
3043	120.881	4.62500	-1.00000
3044	125.734	5.62500	0.277556E-16
3045	125.734	4.62500	-1.00000
3046	130.587	5.62500	0.277556E-16
3047	130.587	4.62500	-1.00000
3048	135.442	5.62500	0.277556E-16
3049	135.442	4.62500	-1.00000
3050	140.297	5.62500	0.277556E-16
3051	140.297	4.62500	-1.00000
3052	145.152	5.62500	0.277556E-16
3053	145.152	4.62500	-1.00000
3054	150.007	5.62500	0.277556E-16
3055	150.007	4.62500	-1.00000
3056	154.862	5.62500	0.277556E-16
3057	154.862	4.62500	-1.00000
3058	159.717	5.62500	0.277556E-16
3059	159.717	4.62500	-1.00000
3060	164.572	5.62500	0.277556E-16
3061	164.572	4.62500	-1.00000
3062	169.427	5.62500	0.277556E-16
3063	169.427	4.62500	-1.00000
3064	174.282	5.62500	0.277556E-16
3065	174.282	4.62500	-1.00000
3066	179.137	5.62500	0.277556E-16
3067	179.137	4.62500	-1.00000
3068	183.994	5.62500	0.277556E-16
3069	183.994	4.62500	-1.00000
3070	188.851	5.62500	0.277556E-16
3071	188.851	4.62500	-1.00000
3072	193.708	5.62500	0.277556E-16
3073	193.708	4.62500	-1.00000

3074	198.565	5.62500	0.277556E-16
3075	198.565	4.62500	-1.00000
3076	203.422	5.62500	0.277556E-16
3077	203.422	4.62500	-1.00000
3078	208.279	5.62500	0.277556E-16
3079	208.279	4.62500	-1.00000
3080	213.136	5.62500	0.277556E-16
3081	213.136	4.62500	-1.00000
3082	217.993	5.62500	0.277556E-16
3083	217.993	4.62500	-1.00000
3084	222.850	5.62500	0.277556E-16
3085	222.850	4.62500	-1.00000
3086	227.707	5.62500	0.277556E-16
3087	227.707	4.62500	-1.00000
3088	232.565	5.62500	0.277556E-16
3089	232.565	4.62500	-1.00000
3090	237.423	5.62500	0.277556E-16
3091	237.423	4.62500	-1.00000
3092	242.281	5.62500	0.277556E-16
3093	242.281	4.62500	-1.00000
3094	247.139	5.62500	0.277556E-16
3095	247.139	4.62500	-1.00000
3096	251.997	5.62500	0.277556E-16
3097	251.997	4.62500	-1.00000
3098	256.855	5.62500	0.277556E-16
3099	256.855	4.62500	-1.00000
3100	261.713	5.62500	0.277556E-16
3101	261.713	4.62500	-1.00000
3102	266.571	5.62500	0.277556E-16
3103	266.571	4.62500	-1.00000
3104	271.429	5.62500	0.277556E-16
3105	271.429	4.62500	-1.00000
3106	276.287	5.62500	0.277556E-16
3107	276.287	4.62500	-1.00000
3108	281.146	5.62500	0.277556E-16
3109	281.146	4.62500	-1.00000
3110	286.005	5.62500	0.277556E-16
3111	286.005	4.62500	-1.00000
3112	290.864	5.62500	0.277556E-16
3113	290.864	4.62500	-1.00000
3114	295.723	5.62500	0.277556E-16
3115	295.723	4.62500	-1.00000
3116	300.582	5.62500	0.277556E-16
3117	300.582	4.62500	-1.00000
3118	305.441	5.62500	0.277556E-16
3119	305.441	4.62500	-1.00000
3120	310.300	5.62500	0.277556E-16
3121	310.300	4.62500	-1.00000
3122	315.159	5.62500	0.277556E-16
3123	315.159	4.62500	-1.00000
3124	320.018	5.62500	0.277556E-16
3125	320.018	4.62500	-1.00000
3126	324.877	5.62500	0.277556E-16
3127	324.877	4.62500	-1.00000
3128	329.736	5.62500	0.277556E-16
3129	329.736	4.62500	-1.00000
3130	334.595	5.62500	0.277556E-16
3131	334.595	4.62500	-1.00000
3132	339.454	5.62500	0.277556E-16
3133	339.454	4.62500	-1.00000
3134	344.313	5.62500	0.277556E-16
3135	344.313	4.62500	-1.00000
3136	349.172	5.62500	0.277556E-16
3137	349.172	4.62500	-1.00000
3138	354.031	5.62500	0.277556E-16
3139	354.031	4.62500	-1.00000
3140	358.890	5.62500	0.277556E-16
3141	358.890	4.62500	-1.00000
3142	363.749	5.62500	0.277556E-16
3143	363.749	4.62500	-1.00000
3144	368.723	5.62500	0.277556E-16
3145	368.723	4.62500	-1.00000
3146	373.578	5.62500	0.277556E-16
3147	373.578	4.62500	-1.00000
3148	378.440	5.62500	0.277556E-16
3149	378.440	4.62500	-1.00000
3150	383.301	5.62500	0.277556E-16
3151	383.301	4.62500	-1.00000
3152	388.163	5.62500	0.277556E-16
3153	388.163	4.62500	-1.00000
3154	393.025	5.62500	0.277556E-16
3155	393.025	4.62500	-1.00000
3156	397.887	5.62500	0.277556E-16
3157	397.887	4.62500	-1.00000
3158	402.748	5.62500	0.277556E-16
3159	402.748	4.62500	-1.00000
3160	407.610	5.62500	0.277556E-16
3161	407.610	4.62500	-1.00000
3162	1.50000	5.62500	0.000000E+00
3163	0.500000	6.62500	0.000000E+00
3164	6.22100	5.62500	0.000000E+00
3165	5.22100	6.62500	0.000000E+00
3166	10.94200	5.62500	0.000000E+00
3167	9.94200	6.62500	0.000000E+00
3168	15.6630	5.62500	0.000000E+00
3169	14.6630	6.62500	0.000000E+00
3170	20.3840	5.62500	0.000000E+00
3171	19.3840	6.62500	0.000000E+00
3172	25.1050	5.62500	0.000000E+00
3173	24.1050	6.62500	0.000000E+00
3174	29.8260	5.62500	0.000000E+00
3175	28.8260	6.62500	0.000000E+00
3176	34.5470	5.62500	0.000000E+00
3177	33.5470	6.62500	0.000000E+00
3178	39.3980	5.62500	0.000000E+00

3179	38.3980	6.62500	0.000000E+00
3180	44.2490	5.62500	0.000000E+00
3181	43.2490	6.62500	0.000000E+00
3182	49.1000	5.62500	0.000000E+00
3183	48.1000	6.62500	0.000000E+00
3184	53.9510	5.62500	0.000000E+00
3185	52.9510	6.62500	0.000000E+00
3186	58.8020	5.62500	0.000000E+00
3187	57.8020	6.62500	0.000000E+00
3188	63.6530	5.62500	0.000000E+00
3189	62.6530	6.62500	0.000000E+00
3190	68.5040	5.62500	0.000000E+00
3191	67.5040	6.62500	0.000000E+00
3192	73.3550	5.62500	0.000000E+00
3193	72.3550	6.62500	0.000000E+00
3194	78.2060	5.62500	0.000000E+00
3195	77.2060	6.62500	0.000000E+00
3196	83.0570	5.62500	0.000000E+00
3197	82.0570	6.62500	0.000000E+00
3198	87.9100	5.62500	0.000000E+00
3199	86.9100	6.62500	0.000000E+00
3200	92.7630	5.62500	0.000000E+00
3201	91.7630	6.62500	0.000000E+00
3202	97.6160	5.62500	0.000000E+00
3203	96.6160	6.62500	0.000000E+00
3204	102.469	5.62500	0.000000E+00
3205	101.469	6.62500	0.000000E+00
3206	107.322	5.62500	0.000000E+00
3207	106.322	6.62500	0.000000E+00
3208	112.175	5.62500	0.000000E+00
3209	111.175	6.62500	0.000000E+00
3210	117.028	5.62500	0.000000E+00
3211	116.028	6.62500	0.000000E+00
3212	121.881	5.62500	0.000000E+00
3213	120.881	6.62500	0.000000E+00
3214	126.734	5.62500	0.000000E+00
3215	125.734	6.62500	0.000000E+00
3216	131.587	5.62500	0.000000E+00
3217	130.587	6.62500	0.000000E+00
3218	136.442	5.62500	0.000000E+00
3219	135.442	6.62500	0.000000E+00
3220	141.297	5.62500	0.000000E+00
3221	140.297	6.62500	0.000000E+00
3222	146.152	5.62500	0.000000E+00
3223	145.152	6.62500	0.000000E+00
3224	151.007	5.62500	0.000000E+00
3225	150.007	6.62500	0.000000E+00
3226	155.862	5.62500	0.000000E+00
3227	154.862	6.62500	0.000000E+00
3228	160.717	5.62500	0.000000E+00
3229	159.717	6.62500	0.000000E+00
3230	165.572	5.62500	0.000000E+00
3231	164.572	6.62500	0.000000E+00
3232	170.427	5.62500	0.000000E+00
3233	169.427	6.62500	0.000000E+00
3234	175.282	5.62500	0.000000E+00
3235	174.282	6.62500	0.000000E+00
3236	180.137	5.62500	0.000000E+00
3237	179.137	6.62500	0.000000E+00
3238	184.994	5.62500	0.000000E+00
3239	183.994	6.62500	0.000000E+00
3240	189.851	5.62500	0.000000E+00
3241	188.851	6.62500	0.000000E+00
3242	194.708	5.62500	0.000000E+00
3243	193.708	6.62500	0.000000E+00
3244	199.565	5.62500	0.000000E+00
3245	198.565	6.62500	0.000000E+00
3246	204.422	5.62500	0.000000E+00
3247	203.422	6.62500	0.000000E+00
3248	209.279	5.62500	0.000000E+00
3249	208.279	6.62500	0.000000E+00
3250	214.136	5.62500	0.000000E+00
3251	213.136	6.62500	0.000000E+00
3252	218.993	5.62500	0.000000E+00
3253	217.993	6.62500	0.000000E+00
3254	223.850	5.62500	0.000000E+00
3255	222.850	6.62500	0.000000E+00
3256	228.707	5.62500	0.000000E+00
3257	227.707	6.62500	0.000000E+00
3258	233.565	5.62500	0.000000E+00
3259	232.565	6.62500	0.000000E+00
3260	238.423	5.62500	0.000000E+00
3261	237.423	6.62500	0.000000E+00
3262	243.281	5.62500	0.000000E+00
3263	242.281	6.62500	0.000000E+00
3264	248.139	5.62500	0.000000E+00
3265	247.139	6.62500	0.000000E+00
3266	252.997	5.62500	0.000000E+00
3267	251.997	6.62500	0.000000E+00
3268	257.855	5.62500	0.000000E+00
3269	256.855	6.62500	0.000000E+00
3270	262.713	5.62500	0.000000E+00
3271	261.713	6.62500	0.000000E+00
3272	267.571	5.62500	0.000000E+00
3273	266.571	6.62500	0.000000E+00
3274	272.429	5.62500	0.000000E+00
3275	271.429	6.62500	0.000000E+00
3276	277.287	5.62500	0.000000E+00
3277	276.287	6.62500	0.000000E+00
3278	282.146	5.62500	0.000000E+00
3279	281.146	6.62500	0.000000E+00
3280	287.005	5.62500	0.000000E+00
3281	286.005	6.62500	0.000000E+00
3282	291.864	5.62500	0.000000E+00
3283	290.864	6.62500	0.000000E+00

3284	296.723	5.62500	0.000000E+00
3285	295.723	6.62500	0.000000E+00
3286	301.582	5.62500	0.000000E+00
3287	300.582	6.62500	0.000000E+00
3288	306.441	5.62500	0.000000E+00
3289	305.441	6.62500	0.000000E+00
3290	311.300	5.62500	0.000000E+00
3291	310.300	6.62500	0.000000E+00
3292	316.159	5.62500	0.000000E+00
3293	315.159	6.62500	0.000000E+00
3294	321.018	5.62500	0.000000E+00
3295	320.018	6.62500	0.000000E+00
3296	325.877	5.62500	0.000000E+00
3297	324.877	6.62500	0.000000E+00
3298	330.736	5.62500	0.000000E+00
3299	329.736	6.62500	0.000000E+00
3300	335.595	5.62500	0.000000E+00
3301	334.595	6.62500	0.000000E+00
3302	340.454	5.62500	0.000000E+00
3303	339.454	6.62500	0.000000E+00
3304	345.313	5.62500	0.000000E+00
3305	344.313	6.62500	0.000000E+00
3306	350.172	5.62500	0.000000E+00
3307	349.172	6.62500	0.000000E+00
3308	355.031	5.62500	0.000000E+00
3309	354.031	6.62500	0.000000E+00
3310	359.890	5.62500	0.000000E+00
3311	358.890	6.62500	0.000000E+00
3312	364.749	5.62500	0.000000E+00
3313	363.749	6.62500	0.000000E+00
3314	369.723	5.62500	0.000000E+00
3315	368.723	6.62500	0.000000E+00
3316	374.578	5.62500	0.000000E+00
3317	373.578	6.62500	0.000000E+00
3318	379.440	5.62500	0.000000E+00
3319	378.440	6.62500	0.000000E+00
3320	384.301	5.62500	0.000000E+00
3321	383.301	6.62500	0.000000E+00
3322	389.163	5.62500	0.000000E+00
3323	388.163	6.62500	0.000000E+00
3324	394.025	5.62500	0.000000E+00
3325	393.025	6.62500	0.000000E+00
3326	398.887	5.62500	0.000000E+00
3327	397.887	6.62500	0.000000E+00
3328	403.748	5.62500	0.000000E+00
3329	402.748	6.62500	0.000000E+00
3330	408.610	5.62500	0.000000E+00
3331	407.610	6.62500	0.000000E+00
3743	180.137	5.62500	-2.50000
3744	179.137	6.62500	-2.50000
3745	228.707	5.62500	-2.50000
3746	227.707	6.62500	-2.50000
3747	277.287	5.62500	-2.50000
3748	276.287	6.62500	-2.50000
3749	325.877	5.62500	-2.50000
3750	324.877	6.62500	-2.50000
3751	374.578	5.62500	-2.50000
3752	373.578	6.62500	-2.50000
3753	406.610	5.62500	-2.50000
3754	407.610	4.62500	-2.50000
8152	2.86050	0.750000	0.000000E+00
8154	7.58150	0.750000	0.000000E+00
8155	12.3025	0.750000	0.000000E+00
8156	17.0235	0.750000	0.000000E+00
8157	21.7445	0.750000	0.000000E+00
8158	26.4655	0.750000	0.000000E+00
8159	31.1865	0.750000	0.000000E+00
8161	35.9725	0.750000	0.000000E+00
8162	40.8235	0.750000	0.000000E+00
8163	45.6745	0.750000	0.000000E+00
8164	50.5255	0.750000	0.000000E+00
8166	55.3765	0.750000	0.000000E+00
8167	60.2275	0.750000	0.000000E+00
8168	65.0785	0.750000	0.000000E+00
8169	69.9295	0.750000	0.000000E+00
8170	74.7805	0.750000	0.000000E+00
8171	79.6315	0.750000	0.000000E+00
8172	84.4835	0.750000	0.000000E+00
8180	89.3365	0.750000	0.000000E+00
8182	94.1895	0.750000	0.000000E+00
8183	99.0425	0.750000	0.000000E+00
8184	103.896	0.750000	0.000000E+00
8185	108.749	0.750000	0.000000E+00
8186	113.602	0.750000	0.000000E+00
8187	118.455	0.750000	0.000000E+00
8189	123.307	0.750000	0.000000E+00
8190	128.160	0.750000	0.000000E+00
8191	133.015	0.750000	0.000000E+00
8192	137.869	0.750000	0.000000E+00
8194	142.724	0.750000	0.000000E+00
8195	147.579	0.750000	0.000000E+00
8198	152.435	0.750000	0.000000E+00
8201	157.290	0.750000	0.000000E+00
8205	162.144	0.750000	0.000000E+00
8206	166.999	0.750000	0.000000E+00
8211	171.855	0.750000	0.000000E+00
8214	176.710	0.750000	0.000000E+00
8215	181.566	0.750000	0.000000E+00
8218	186.423	0.750000	0.000000E+00
8219	191.279	0.750000	0.000000E+00
8223	196.136	0.750000	0.000000E+00
8225	200.994	0.750000	0.000000E+00
8226	205.850	0.750000	0.000000E+00
8228	210.708	0.750000	0.000000E+00
8229	215.564	0.750000	0.000000E+00

8231	220.422	0.750000	0.000000E+00
8232	225.278	0.750000	0.000000E+00
8234	230.136	0.750000	0.000000E+00
8238	234.994	0.750000	0.000000E+00
8249	239.852	0.750000	0.000000E+00
8264	244.710	0.750000	0.000000E+00
8296	249.568	0.750000	0.000000E+00
8302	254.426	0.750000	0.000000E+00
8318	259.284	0.750000	0.000000E+00
8321	264.142	0.750000	0.000000E+00
8470	269.000	0.750000	0.000000E+00
8471	273.858	0.750000	0.000000E+00
8477	278.717	0.750000	0.000000E+00
8478	283.575	0.750000	0.000000E+00
8481	288.434	0.750000	0.000000E+00
8482	293.293	0.750000	0.000000E+00
8485	298.152	0.750000	0.000000E+00
8486	303.012	0.750000	0.000000E+00
8489	307.870	0.750000	0.000000E+00
8490	312.730	0.750000	0.000000E+00
8509	317.588	0.750000	0.000000E+00
8510	322.447	0.750000	0.000000E+00
8513	327.306	0.750000	0.000000E+00
8514	332.165	0.750000	0.000000E+00
8517	337.024	0.750000	0.000000E+00
8518	341.883	0.750000	0.000000E+00
8521	346.743	0.750000	0.000000E+00
8524	351.601	0.750000	0.000000E+00
8525	356.460	0.750000	0.000000E+00
8528	361.320	0.750000	0.000000E+00
8529	366.236	0.709000	0.000000E+00
8532	371.150	0.601500	0.000000E+00
8533	376.009	0.469000	0.000000E+00
8549	380.871	0.331350	0.000000E+00
8550	385.732	0.193150	0.000000E+00
8553	390.594	0.593000E-01	0.000000E+00
8554	395.456	-0.755500E-01	0.000000E+00
8557	400.317	-0.209800	0.000000E+00
8558	405.179	-0.337250	0.000000E+00
8697	2.86050	10.5000	0.000000E+00
8750	7.58150	10.5000	0.000000E+00
8776	12.3025	10.5000	0.000000E+00
8779	17.0235	10.5000	0.000000E+00
8794	21.7445	10.5000	0.000000E+00
8804	26.4655	10.5000	0.000000E+00
8827	31.1865	10.5000	0.000000E+00
8830	35.9725	10.5000	0.000000E+00
8833	40.8235	10.5000	0.000000E+00
8967	74.7805	10.5000	0.000000E+00
8970	79.6315	10.5000	0.000000E+00
8973	84.4835	10.5000	0.000000E+00
8976	89.3365	10.5000	0.000000E+00
8978	94.1895	10.5000	0.000000E+00
8985	45.6745	10.5000	0.000000E+00
8987	50.5255	10.5000	0.000000E+00
8992	366.236	10.5410	0.000000E+00
8996	55.3765	10.5000	0.000000E+00
8998	60.2275	10.5000	0.000000E+00
9000	65.0785	10.5000	0.000000E+00
9002	69.9295	10.5000	0.000000E+00
9009	99.0425	10.5000	0.000000E+00
9012	103.896	10.5000	0.000000E+00
9015	108.749	10.5000	0.000000E+00
9018	113.602	10.5000	0.000000E+00
9024	371.150	10.6485	0.000000E+00
9026	376.009	10.7810	0.000000E+00
9028	380.871	10.9186	0.000000E+00
9030	385.732	11.0569	0.000000E+00
9033	118.455	10.5000	0.000000E+00
9037	390.594	11.1882	0.000000E+00
9041	123.307	10.5000	0.000000E+00
9043	395.456	11.3231	0.000000E+00
9048	400.317	11.4598	0.000000E+00
9062	128.160	10.5000	0.000000E+00
9065	133.015	10.5000	0.000000E+00
9068	137.869	10.5000	0.000000E+00
9071	142.724	10.5000	0.000000E+00
9074	147.579	10.5000	0.000000E+00
9081	152.435	10.5000	0.000000E+00
9083	157.290	10.5000	0.000000E+00
9085	162.144	10.5000	0.000000E+00
9087	166.999	10.5000	0.000000E+00
9089	171.855	10.5000	0.000000E+00
9096	176.710	10.5000	0.000000E+00
9098	181.566	10.5000	0.000000E+00
9100	186.423	10.5000	0.000000E+00
9102	191.279	10.5000	0.000000E+00
9104	196.136	10.5000	0.000000E+00
9106	200.994	10.5000	0.000000E+00
9226	405.179	11.5948	0.000000E+00
9228	205.850	10.5000	0.000000E+00
9230	210.708	10.5000	0.000000E+00
9232	215.564	10.5000	0.000000E+00
9234	220.422	10.5000	0.000000E+00
9236	225.278	10.5000	0.000000E+00
9241	230.136	10.5000	0.000000E+00
9243	234.994	10.5000	0.000000E+00
9245	239.852	10.5000	0.000000E+00
9248	244.710	10.5000	0.000000E+00
9251	249.568	10.5000	0.000000E+00
9254	254.426	10.5000	0.000000E+00
9256	259.284	10.5000	0.000000E+00
9260	264.142	10.5000	0.000000E+00
9269	269.000	10.5000	0.000000E+00
9272	273.858	10.5000	0.000000E+00



9275	278.717	10.5000	0.000000E+00
9278	283.575	10.5000	0.000000E+00
9283	288.434	10.5000	0.000000E+00
9285	293.293	10.5000	0.000000E+00
9287	298.152	10.5000	0.000000E+00
9289	303.012	10.5000	0.000000E+00
9291	307.870	10.5000	0.000000E+00
9295	312.730	10.5000	0.000000E+00
9299	317.588	10.5000	0.000000E+00
9302	322.447	10.5000	0.000000E+00
9305	327.306	10.5000	0.000000E+00
9308	332.165	10.5000	0.000000E+00
9315	337.024	10.5000	0.000000E+00
9318	341.883	10.5000	0.000000E+00
9321	346.743	10.5000	0.000000E+00
9324	351.601	10.5000	0.000000E+00
9327	356.460	10.5000	0.000000E+00
9333	361.320	10.5000	0.000000E+00
9974	2.86050	0.000000E+00	0.000000E+00
9976	2.86050	11.2500	0.000000E+00
9977	7.58150	0.000000E+00	0.000000E+00
9980	7.58150	11.2500	0.000000E+00
9981	12.3025	0.000000E+00	0.000000E+00
9983	12.3025	11.2500	0.000000E+00
9984	17.0235	0.000000E+00	0.000000E+00
9986	17.0235	11.2500	0.000000E+00
9987	21.7445	0.000000E+00	0.000000E+00
9989	21.7445	11.2500	0.000000E+00
9991	26.4655	0.000000E+00	0.000000E+00
9992	26.4655	11.2500	0.000000E+00
9993	31.1865	0.000000E+00	0.000000E+00
9994	31.1865	11.2500	0.000000E+00
9995	35.9725	0.000000E+00	0.000000E+00
9996	35.9725	11.2500	0.000000E+00
9997	40.8235	0.000000E+00	0.000000E+00
9998	40.8235	11.2500	0.000000E+00
9999	45.6745	0.000000E+00	0.000000E+00
10000	45.6745	11.2500	0.000000E+00
10001	50.5255	0.000000E+00	0.000000E+00
10002	50.5255	11.2500	0.000000E+00
10003	55.3765	0.000000E+00	0.000000E+00
10004	55.3765	11.2500	0.000000E+00
10006	60.2275	0.000000E+00	0.000000E+00
10007	60.2275	11.2500	0.000000E+00
10008	65.0785	0.000000E+00	0.000000E+00
10009	65.0785	11.2500	0.000000E+00
10010	69.9295	0.000000E+00	0.000000E+00
10011	69.9295	11.2500	0.000000E+00
10012	74.7805	0.000000E+00	0.000000E+00
10013	74.7805	11.2500	0.000000E+00
10014	79.6315	0.000000E+00	0.000000E+00
10015	79.6315	11.2500	0.000000E+00
10016	84.4835	0.000000E+00	0.000000E+00
10017	84.4835	11.2500	0.000000E+00
10018	89.3365	0.000000E+00	0.000000E+00
10019	89.3365	11.2500	0.000000E+00
10021	94.1895	0.000000E+00	0.000000E+00
10022	94.1895	11.2500	0.000000E+00
10023	99.0425	0.000000E+00	0.000000E+00
10024	99.0425	11.2500	0.000000E+00
10025	103.896	0.000000E+00	0.000000E+00
10026	103.896	11.2500	0.000000E+00
10027	108.749	0.000000E+00	0.000000E+00
10028	108.749	11.2500	0.000000E+00
10029	113.602	0.000000E+00	0.000000E+00
10030	113.602	11.2500	0.000000E+00
10031	118.455	0.000000E+00	0.000000E+00
10032	118.455	11.2500	0.000000E+00
10033	123.307	0.000000E+00	0.000000E+00
10034	123.307	11.2500	0.000000E+00
10035	128.160	0.000000E+00	0.000000E+00
10038	128.160	11.2500	0.000000E+00
10040	133.015	0.000000E+00	0.000000E+00
10041	133.015	11.2500	0.000000E+00
10042	137.869	0.000000E+00	0.000000E+00
10043	137.869	11.2500	0.000000E+00
10044	142.724	0.000000E+00	0.000000E+00
10045	142.724	11.2500	0.000000E+00
10046	147.579	0.000000E+00	0.000000E+00
10047	147.579	11.2500	0.000000E+00
10048	152.435	0.000000E+00	0.000000E+00
10049	152.435	11.2500	0.000000E+00
10050	157.290	0.000000E+00	0.000000E+00
10051	157.290	11.2500	0.000000E+00
10052	162.144	0.000000E+00	0.000000E+00
10053	162.144	11.2500	0.000000E+00
10055	166.999	0.000000E+00	0.000000E+00
10056	166.999	11.2500	0.000000E+00
10057	171.855	0.000000E+00	0.000000E+00
10058	171.855	11.2500	0.000000E+00
10059	176.710	0.000000E+00	0.000000E+00
10060	176.710	11.2500	0.000000E+00
10061	181.566	0.000000E+00	0.000000E+00
10062	181.566	11.2500	0.000000E+00
10063	186.423	0.000000E+00	0.000000E+00
10064	186.423	11.2500	0.000000E+00
10065	191.279	0.000000E+00	0.000000E+00
10066	191.279	11.2500	0.000000E+00
10067	196.136	0.000000E+00	0.000000E+00
10068	196.136	11.2500	0.000000E+00
10070	200.994	0.000000E+00	0.000000E+00
10071	200.994	11.2500	0.000000E+00
10072	205.850	0.000000E+00	0.000000E+00
10073	205.850	11.2500	0.000000E+00
10074	210.708	0.000000E+00	0.000000E+00

10075	210.708	11.2500	0.000000E+00
10076	215.564	0.000000E+00	0.000000E+00
10077	215.564	11.2500	0.000000E+00
10078	220.422	0.000000E+00	0.000000E+00
10079	220.422	11.2500	0.000000E+00
10080	225.278	0.000000E+00	0.000000E+00
10081	225.278	11.2500	0.000000E+00
10082	230.136	0.000000E+00	0.000000E+00
10083	230.136	11.2500	0.000000E+00
10084	234.994	0.000000E+00	0.000000E+00
10087	234.994	11.2500	0.000000E+00
10088	239.852	0.000000E+00	0.000000E+00
10090	239.852	11.2500	0.000000E+00
10091	244.710	0.000000E+00	0.000000E+00
10093	244.710	11.2500	0.000000E+00
10094	249.568	0.000000E+00	0.000000E+00
10096	249.568	11.2500	0.000000E+00
10097	254.426	0.000000E+00	0.000000E+00
10100	254.426	11.2500	0.000000E+00
10101	259.284	0.000000E+00	0.000000E+00
10102	259.284	11.2500	0.000000E+00
10103	264.142	0.000000E+00	0.000000E+00
10104	264.142	11.2500	0.000000E+00
10105	269.000	0.000000E+00	0.000000E+00
10106	269.000	11.2500	0.000000E+00
10107	273.858	0.000000E+00	0.000000E+00
10108	273.858	11.2500	0.000000E+00
10109	278.717	0.000000E+00	0.000000E+00
10110	278.717	11.2500	0.000000E+00
10112	283.575	0.000000E+00	0.000000E+00
10113	283.575	11.2500	0.000000E+00
10114	288.434	0.000000E+00	0.000000E+00
10115	288.434	11.2500	0.000000E+00
10116	293.293	0.000000E+00	0.000000E+00
10117	293.293	11.2500	0.000000E+00
10118	298.152	0.000000E+00	0.000000E+00
10119	298.152	11.2500	0.000000E+00
10120	303.012	0.000000E+00	0.000000E+00
10121	303.012	11.2500	0.000000E+00
10122	307.870	0.000000E+00	0.000000E+00
10124	307.870	11.2500	0.000000E+00
10125	312.730	0.000000E+00	0.000000E+00
10126	312.730	11.2500	0.000000E+00
10127	317.588	0.000000E+00	0.000000E+00
10128	317.588	11.2500	0.000000E+00
10129	322.447	0.000000E+00	0.000000E+00
10130	322.447	11.2500	0.000000E+00
10131	327.306	0.000000E+00	0.000000E+00
10132	327.306	11.2500	0.000000E+00
10133	332.165	0.000000E+00	0.000000E+00
10134	332.165	11.2500	0.000000E+00
10136	337.024	0.000000E+00	0.000000E+00
10138	337.024	11.2500	0.000000E+00
10139	341.883	0.000000E+00	0.000000E+00
10140	341.883	11.2500	0.000000E+00
10141	346.743	0.000000E+00	0.000000E+00
10142	346.743	11.2500	0.000000E+00
10143	351.601	0.000000E+00	0.000000E+00
10144	351.601	11.2500	0.000000E+00
10145	356.460	0.000000E+00	0.000000E+00
10146	356.460	11.2500	0.000000E+00
10147	361.320	0.000000E+00	0.000000E+00
10148	361.320	11.2500	0.000000E+00
10149	366.236	-0.410000E-01	0.000000E+00
10150	366.236	11.2910	0.000000E+00
10151	371.150	-0.148500	0.000000E+00
10153	371.150	11.3985	0.000000E+00
10154	376.009	-0.281000	0.000000E+00
10155	376.009	11.5310	0.000000E+00
10156	380.871	-0.418650	0.000000E+00
10157	380.871	11.6686	0.000000E+00
10158	385.732	-0.556850	0.000000E+00
10159	385.732	11.8069	0.000000E+00
10160	390.594	-0.690700	0.000000E+00
10161	390.594	11.9382	0.000000E+00
10162	395.456	-0.825550	0.000000E+00
10163	395.456	12.0730	0.000000E+00
10164	400.317	-0.959800	0.000000E+00
10165	400.317	12.2098	0.000000E+00
10166	405.179	-1.09225	0.000000E+00
10168	405.179	12.3447	0.000000E+00
10169	0.000000E+00	0.000000E+00	0.000000E+00
10171	0.000000E+00	0.750000	0.000000E+00
10173	0.000000E+00	2.12500	0.000000E+00
10179	0.000000E+00	9.12500	0.000000E+00
10181	0.000000E+00	10.5000	0.000000E+00
10183	0.000000E+00	11.2500	0.000000E+00
10187	0.500000	0.000000E+00	0.000000E+00
10189	0.500000	0.750000	0.000000E+00
10193	0.500000	2.12500	-1.00000
10194	0.500000	2.12500	0.000000E+00
10209	0.500000	9.12500	-1.00000
10210	0.500000	9.12500	0.000000E+00
10212	0.500000	10.5000	0.000000E+00
10214	0.500000	11.2500	0.000000E+00
10218	2.86050	2.12500	0.000000E+00
10220	2.86050	9.12500	0.000000E+00
10224	5.22100	0.000000E+00	0.000000E+00
10226	5.22100	0.750000	0.000000E+00
10228	5.22100	2.12500	-1.00000
10229	5.22100	2.12500	0.000000E+00
10240	5.22100	9.12500	-1.00000
10241	5.22100	9.12500	0.000000E+00
10243	5.22100	10.5000	0.000000E+00
10245	5.22100	11.2500	0.000000E+00

10249	7.54900	2.12500	0.000000E+00
10251	7.54900	9.12500	0.000000E+00
10255	7.58150	2.12500	0.000000E+00
10257	7.58150	9.12500	0.000000E+00
10261	9.94200	0.000000E+00	0.000000E+00
10263	9.94200	0.750000	0.000000E+00
10265	9.94200	2.12500	-1.00000
10266	9.94200	2.12500	0.000000E+00
10277	9.94200	9.12500	-1.00000
10278	9.94200	9.12500	0.000000E+00
10280	9.94200	10.5000	0.000000E+00
10282	9.94200	11.2500	0.000000E+00
10286	12.3025	2.12500	0.000000E+00
10288	12.3025	9.12500	0.000000E+00
10292	14.6630	0.000000E+00	0.000000E+00
10294	14.6630	0.750000	0.000000E+00
10296	14.6630	2.12500	-1.00000
10297	14.6630	2.12500	0.000000E+00
10308	14.6630	9.12500	-1.00000
10309	14.6630	9.12500	0.000000E+00
10311	14.6630	10.5000	0.000000E+00
10313	14.6630	11.2500	0.000000E+00
10317	17.0235	2.12500	0.000000E+00
10319	17.0235	9.12500	0.000000E+00
10323	17.5480	2.12500	0.000000E+00
10325	17.5480	9.12500	0.000000E+00
10329	19.3840	0.000000E+00	0.000000E+00
10331	19.3840	0.750000	0.000000E+00
10333	19.3840	2.12500	-1.00000
10334	19.3840	2.12500	0.000000E+00
10345	19.3840	9.12500	-1.00000
10346	19.3840	9.12500	0.000000E+00
10348	19.3840	10.5000	0.000000E+00
10350	19.3840	11.2500	0.000000E+00
10354	21.7445	2.12500	0.000000E+00
10356	21.7445	9.12500	0.000000E+00
10360	24.1050	0.000000E+00	0.000000E+00
10362	24.1050	0.750000	0.000000E+00
10364	24.1050	2.12500	-1.00000
10365	24.1050	2.12500	0.000000E+00
10376	24.1050	9.12500	-1.00000
10377	24.1050	9.12500	0.000000E+00
10379	24.1050	10.5000	0.000000E+00
10381	24.1050	11.2500	0.000000E+00
10385	26.4655	2.12500	0.000000E+00
10387	26.4655	9.12500	0.000000E+00
10391	27.5470	2.12500	0.000000E+00
10393	27.5470	9.12500	0.000000E+00
10397	28.8260	0.000000E+00	0.000000E+00
10399	28.8260	0.750000	0.000000E+00
10401	28.8260	2.12500	-1.00000
10402	28.8260	2.12500	0.000000E+00
10413	28.8260	9.12500	-1.00000
10414	28.8260	9.12500	0.000000E+00
10416	28.8260	10.5000	0.000000E+00
10418	28.8260	11.2500	0.000000E+00
10422	31.1865	2.12500	0.000000E+00
10424	31.1865	9.12500	0.000000E+00
10428	33.5470	0.000000E+00	0.000000E+00
10430	33.5470	0.750000	0.000000E+00
10434	33.5470	2.12500	-1.00000
10435	33.5470	2.12500	0.000000E+00
10450	33.5470	9.12500	-1.00000
10451	33.5470	9.12500	0.000000E+00
10453	33.5470	10.5000	0.000000E+00
10455	33.5470	11.2500	0.000000E+00
10459	35.9725	2.12500	0.000000E+00
10461	0.000000E+00	5.62500	0.000000E+00
10464	2.86050	5.62500	0.000000E+00
10467	7.54900	5.62500	0.000000E+00
10468	7.58150	5.62500	0.000000E+00
10471	12.3025	5.62500	0.000000E+00
10474	17.0235	5.62500	0.000000E+00
10475	17.5480	5.62500	0.000000E+00
10478	21.7445	5.62500	0.000000E+00
10481	26.4655	5.62500	0.000000E+00
10482	27.5470	5.62500	0.000000E+00
10485	31.1865	5.62500	0.000000E+00
10488	35.9725	5.62500	0.000000E+00
10491	39.5490	5.62500	0.000000E+00
10492	40.8235	5.62500	0.000000E+00
10495	45.6745	5.62500	0.000000E+00
10498	50.5255	5.62500	0.000000E+00
10499	51.8010	5.62500	0.000000E+00
10502	55.3765	5.62500	0.000000E+00
10505	60.2275	5.62500	0.000000E+00
10508	63.8030	5.62500	0.000000E+00
10509	65.0785	5.62500	0.000000E+00
10512	69.9295	5.62500	0.000000E+00
10515	74.7805	5.62500	0.000000E+00
10516	76.0550	5.62500	0.000000E+00
10519	79.6315	5.62500	0.000000E+00
10522	84.4835	5.62500	0.000000E+00
10525	88.0610	5.62500	0.000000E+00
10526	89.3365	5.62500	0.000000E+00
10529	94.1895	5.62500	0.000000E+00
10532	99.0425	5.62500	0.000000E+00
10533	100.318	5.62500	0.000000E+00
10536	103.896	5.62500	0.000000E+00
10539	108.749	5.62500	0.000000E+00
10542	112.325	5.62500	0.000000E+00
10543	113.602	5.62500	0.000000E+00
10546	118.455	5.62500	0.000000E+00
10549	123.307	5.62500	0.000000E+00
10550	124.582	5.62500	0.000000E+00

10553	128.160	5.62500	0.000000E+00
10556	133.015	5.62500	0.000000E+00
10559	136.594	5.62500	0.000000E+00
10560	137.869	5.62500	0.000000E+00
10563	142.724	5.62500	0.000000E+00
10566	147.579	5.62500	0.000000E+00
10567	148.856	5.62500	0.000000E+00
10570	152.435	5.62500	0.000000E+00
10573	157.290	5.62500	0.000000E+00
10576	160.868	5.62500	0.000000E+00
10577	162.144	5.62500	0.000000E+00
10580	166.999	5.62500	0.000000E+00
10583	171.855	5.62500	0.000000E+00
10584	173.130	5.62500	0.000000E+00
10587	176.710	5.62500	0.000000E+00
10590	181.566	5.62500	0.000000E+00
10593	185.147	5.62500	0.000000E+00
10594	186.423	5.62500	0.000000E+00
10597	191.279	5.62500	0.000000E+00
10600	196.136	5.62500	0.000000E+00
10601	197.414	5.62500	0.000000E+00
10604	200.994	5.62500	0.000000E+00
10607	205.850	5.62500	0.000000E+00
10610	209.430	5.62500	0.000000E+00
10611	210.708	5.62500	0.000000E+00
10614	215.564	5.62500	0.000000E+00
10617	220.422	5.62500	0.000000E+00
10618	221.697	5.62500	0.000000E+00
10621	225.278	5.62500	0.000000E+00
10624	230.136	5.62500	0.000000E+00
10627	233.716	5.62500	0.000000E+00
10628	234.994	5.62500	0.000000E+00

TOTAL NUMBER OF NODES = 3840  
LARGEST NODE NUMBER = 10628  
DATA STORAGE LOCATIONS USED = 26880

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
1	1ST NODE	=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	AREA	IYY	IZZ	KT	ASZ
2	1ST NODE	=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

Trave\_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
3	1ST NODE	=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

soletta\_estremo (soletta\_estremo (RSS D=0.3 B=0.1))  
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
4	1ST NODE	=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

soletta\_coda (soletta\_coda (RSS D=0.3 B=1.71285))  
PROPERTY

BMI21 ELEMENTS									
5	1ST NODE	AREA =0.5139	IYY =0.3854E-02	IZZ =0.1256	KT =0.1372E-01	ASZ =0.4285			
		ASY =0.4282	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.5139	IYY =0.3854E-02	IZZ =0.1256	KT =0.1372E-01	ASZ =0.4285			
		ASY =0.4282	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

soletta\_riva (soletta\_riva (RSS D=0.3 B=2.4255))  
PROPERTY

BMI21 ELEMENTS									
6	1ST NODE	AREA =0.7277	IYY =0.5457E-02	IZZ =0.3567	KT =0.2013E-01	ASZ =0.6069			
		ASY =0.6064	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7277	IYY =0.5457E-02	IZZ =0.3567	KT =0.2013E-01	ASZ =0.6069			
		ASY =0.6064	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

soletta\_transiz (soletta\_transiz (RSS D=0.3 B=2.427))  
PROPERTY

BMI21 ELEMENTS									
7	1ST NODE	AREA =0.7281	IYY =0.5461E-02	IZZ =0.3574	KT =0.2014E-01	ASZ =0.6072			
		ASY =0.6068	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7281	IYY =0.5461E-02	IZZ =0.3574	KT =0.2014E-01	ASZ =0.6072			
		ASY =0.6068	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

soletta\_tipo (soletta\_tipo (RSS D=0.3 B=2.4285))  
PROPERTY

BMI21 ELEMENTS									
8	1ST NODE	AREA =0.7286	IYY =0.5464E-02	IZZ =0.3581	KT =0.2016E-01	ASZ =0.6076			
		ASY =0.6071	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7286	IYY =0.5464E-02	IZZ =0.3581	KT =0.2016E-01	ASZ =0.6076			
		ASY =0.6071	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

C1 (Bridge deck - girder with top slab) with BDM\_Phase3  
PROPERTY

BMI21 ELEMENTS									
9	1ST NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
GEOMETRIC STIFFNESS MODIFICATION FACTORS									
	SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
	SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS									
	MF1 =0.3480E+08	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									
29	1ST NODE	AREA =3.803	IYY =4.046	IZZ =5.544	KT =0.2573E-01	ASZ =2.023			
		ASY =2.216	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =3.803	IYY =4.046	IZZ =5.544	KT =0.2573E-01	ASZ =2.023			
		ASY =2.216	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
GEOMETRIC STIFFNESS MODIFICATION FACTORS									
	SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
	SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 = 0.5365 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  
 10 1ST NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.3928E+08 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  
 30 1ST NODE AREA =4.130 IYY =4.948 IZZ =5.702 KT =0.2622E-01 ASZ =2.026  
 ASY =2.470 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =4.130 IYY =4.948 IZZ =5.702 KT =0.2622E-01 ASZ =2.026  
 ASY =2.470 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 = 0.5101 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  
 11 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.4025E+08 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  
 31 1ST NODE AREA =4.205 IYY =5.011 IZZ =5.693 KT =0.2625E-01 ASZ =2.093  
 ASY =2.471 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =4.205 IYY =5.011 IZZ =5.693 KT =0.2625E-01 ASZ =2.093  
 ASY =2.471 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 = 0.5046 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										
12	1ST NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.9409E+08	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										
32	1ST NODE	AREA =3.252	IYY =4.250	IZZ =2.345	KT =0.2683E-01	ASZ =2.161				
		ASY =2.661	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =3.252	IYY =4.250	IZZ =2.345	KT =0.2683E-01	ASZ =2.161				
		ASY =2.661	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 = 0.6723	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										
13	1ST NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.3828E+08	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										
33	1ST NODE	AREA =4.054	IYY =4.920	IZZ =5.804	KT =0.2615E-01	ASZ =2.024				
		ASY =2.412	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =4.054	IYY =4.920	IZZ =5.804	KT =0.2615E-01	ASZ =2.024				
		ASY =2.412	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 = 0.5158	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										
14	1ST NODE	AREA =2.697	IYY =2.449	IZZ =4.951	KT =0.2569E-01	ASZ =1.686				
		ASY =1.840	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.697	IYY =2.449	IZZ =4.951	KT =0.2569E-01	ASZ =1.686				

ASY =1.840           EZ =0.0000E+00   EY =0.0000E+00   IYZ =0.0000E+00  
 GEOMETRIC STIFFNESS MODIFICATION FACTORS  
   SF1 = 1.000       SF2 = 1.000       SF3 = 1.000       SF4 = 1.000       SF5 = 1.000  
   SF6 = 1.000       SF7 = 1.000       SF8 = 1.000       SF9 = 1.000  
 GEOMETRIC MASS MODIFICATION FACTORS  
   MF1 =0.4025E+08   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  
 34 1ST NODE   AREA =4.205       IYY =5.011       IZZ =5.693       KT =0.2625E-01   ASZ =2.093  
           ASY =2.471       EZ =0.0000E+00   EY =0.0000E+00   IYZ =0.0000E+00  
 2ND NODE    AREA =4.205       IYY =5.011       IZZ =5.693       KT =0.2625E-01   ASZ =2.093  
           ASY =2.471       EZ =0.0000E+00   EY =0.0000E+00   IYZ =0.0000E+00  
 GEOMETRIC STIFFNESS MODIFICATION FACTORS  
   SF1 = 1.000       SF2 = 1.000       SF3 = 1.000       SF4 = 1.000       SF5 = 1.000  
   SF6 = 1.000       SF7 = 1.000       SF8 = 1.000       SF9 = 1.000  
 GEOMETRIC MASS MODIFICATION FACTORS  
   MF1 = 0.5046      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

georigida  
PROPERTY

BMI21   ELEMENTS  
 15 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  
 16 ECCENTRICITY = 0.0000E+00  
 DATA STORAGE LOCATIONS USED                    =           1724

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	30	1	16	4
31	36	1	4	6
37	0	0	29	11
38	0	0	3	3
39	0	0	29	11
40	41	1	5	7
42	0	0	1	1
43	0	0	5	7
44	0	0	1	1
45	47	1	5	7
48	0	0	29	11
49	0	0	3	3
50	0	0	29	11
51	56	1	6	8
57	0	0	29	11
58	0	0	3	3
59	0	0	29	11
60	61	1	6	8
62	0	0	2	2
63	0	0	6	8
64	0	0	2	2
65	67	1	6	8
68	0	0	29	11
69	0	0	3	3
70	0	0	29	11
71	0	0	33	19
72	0	0	3	3
73	0	0	33	19
74	79	1	6	8



80	0	0	33	19
81	0	0	3	3
82	0	0	33	19
83	84	1	6	8
85	0	0	2	2
86	0	0	6	8
87	0	0	2	2
88	90	1	6	8
91	0	0	33	19
92	0	0	3	3
93	0	0	33	19
94	99	1	6	8
100	0	0	33	19
101	0	0	3	3
102	0	0	33	19
103	104	1	6	8
105	0	0	2	2
106	0	0	6	8
107	0	0	2	2
108	110	1	6	8
111	0	0	33	19
112	0	0	3	3
113	0	0	33	19
114	119	1	6	8
120	0	0	33	19
121	0	0	3	3
122	0	0	33	19
123	0	0	34	21
124	0	0	3	3
125	0	0	34	21
126	127	1	6	8
128	0	0	2	2
129	0	0	6	8
130	0	0	2	2
131	133	1	6	8
134	0	0	34	21
135	0	0	3	3
136	0	0	34	21
137	142	1	6	8
143	0	0	34	21
144	0	0	3	3
145	0	0	34	21
146	147	1	6	8
148	0	0	2	2
149	0	0	6	8
150	0	0	2	2
151	153	1	6	8
154	0	0	34	21
155	0	0	3	3
156	0	0	34	21
157	162	1	6	8
163	0	0	34	21
164	0	0	3	3
165	0	0	34	21
166	0	0	32	18
167	0	0	3	3
168	0	0	32	18
169	170	1	6	8
171	0	0	2	2
172	0	0	6	8
173	0	0	2	2
174	176	1	6	8
177	0	0	32	18
178	0	0	3	3
179	0	0	32	18
180	185	1	6	8
186	0	0	32	18
187	0	0	3	3
188	0	0	32	18
189	190	1	7	9
191	0	0	1	1
192	0	0	7	9
193	0	0	1	1
194	196	1	7	9
197	0	0	32	18
198	0	0	3	3
199	0	0	32	18
200	205	1	8	10
206	0	0	32	18
207	0	0	3	3
208	0	0	32	18
209	210	1	8	10
211	0	0	2	2
212	0	0	8	10
213	0	0	2	2
214	216	1	8	10
217	0	0	32	18
218	0	0	3	3
219	0	0	32	18
220	0	0	31	15
221	0	0	3	3
222	0	0	31	15
223	228	1	8	10
229	0	0	31	15
230	0	0	3	3
231	0	0	31	15
232	233	1	8	10
234	0	0	2	2
235	0	0	8	10
236	0	0	2	2
237	239	1	8	10
240	0	0	31	15
241	0	0	3	3
242	0	0	31	15
243	248	1	8	10

249	0	0	31	15
250	0	0	3	3
251	0	0	31	15
252	253	1	8	10
254	0	0	2	2
255	0	0	8	10
256	0	0	2	2
257	259	1	8	10
260	0	0	31	15
261	0	0	3	3
262	0	0	31	15
263	268	1	8	10
269	0	0	31	15
270	0	0	3	3
271	0	0	31	15
272	0	0	30	13
273	0	0	3	3
274	0	0	30	13
275	276	1	8	10
277	0	0	2	2
278	0	0	8	10
279	0	0	2	2
280	282	1	8	10
283	0	0	30	13
284	0	0	3	3
285	0	0	30	13
286	291	1	8	10
292	0	0	30	13
293	0	0	3	3
294	0	0	30	13
295	296	1	8	10
297	0	0	2	2
298	0	0	8	10
299	0	0	2	2
300	302	1	8	10
303	0	0	30	13
304	0	0	3	3
305	0	0	30	13
306	311	1	8	10
312	0	0	30	13
313	0	0	3	3
314	0	0	30	13
315	316	1	8	10
317	0	0	2	2
318	0	0	8	10
319	0	0	2	2
320	322	1	8	10
323	0	0	30	13
324	0	0	3	3
325	0	0	30	13
326	0	0	31	15
327	0	0	3	3
328	0	0	31	15
329	334	1	8	10
335	0	0	31	15
336	0	0	3	3
337	0	0	31	15
338	339	1	8	10
340	0	0	2	2
341	0	0	8	10
342	0	0	2	2
343	345	1	8	10
346	0	0	31	15
347	0	0	3	3
348	0	0	31	15
349	354	1	8	10
355	0	0	31	15
356	0	0	3	3
357	0	0	31	15
358	359	1	8	10
360	0	0	2	2
361	0	0	8	10
362	0	0	2	2
363	365	1	8	10
366	0	0	31	15
367	0	0	3	3
368	0	0	31	15
369	374	1	8	10
375	0	0	31	15
376	0	0	3	3
377	0	0	31	15
378	0	0	32	18
379	0	0	3	3
380	0	0	32	18
381	382	1	8	10
383	0	0	2	2
384	0	0	8	10
385	0	0	2	2
386	388	1	8	10
389	0	0	32	18
390	0	0	3	3
391	0	0	32	18
392	397	1	8	10
398	0	0	32	18
399	0	0	3	3
400	0	0	32	18
401	402	1	8	10
403	0	0	1	1
404	0	0	8	10
405	0	0	1	1
406	408	1	8	10
409	0	0	32	18
410	0	0	3	3
411	0	0	32	18
412	417	1	8	10

418	0	0	32	18
419	0	0	3	3
420	0	0	32	18
421	422	1	8	10
423	0	0	2	2
424	0	0	8	10
425	0	0	2	2
426	428	1	8	10
429	0	0	32	18
430	0	0	3	3
431	0	0	32	18
432	0	0	31	15
433	0	0	3	3
434	0	0	31	15
435	440	1	8	10
441	0	0	31	15
442	0	0	3	3
443	0	0	31	15
444	445	1	8	10
446	0	0	2	2
447	0	0	8	10
448	0	0	2	2
449	451	1	8	10
452	0	0	31	15
453	0	0	3	3
454	0	0	31	15
455	460	1	8	10
461	0	0	31	15
462	0	0	3	3
463	0	0	31	15
464	465	1	8	10
466	0	0	2	2
467	0	0	8	10
468	0	0	2	2
469	471	1	8	10
472	0	0	31	15
473	0	0	3	3
474	0	0	31	15
475	480	1	8	10
481	0	0	31	15
482	0	0	3	3
483	0	0	31	15
484	0	0	30	13
485	0	0	3	3
486	0	0	30	13
487	488	1	8	10
489	0	0	2	2
490	0	0	8	10
491	0	0	2	2
492	494	1	8	10
495	0	0	30	13
496	0	0	3	3
497	0	0	30	13
498	503	1	8	10
504	0	0	30	13
505	0	0	3	3
506	0	0	30	13
507	508	1	8	10
509	0	0	2	2
510	0	0	8	10
511	0	0	2	2
512	514	1	8	10
515	0	0	30	13
516	0	0	3	3
517	0	0	30	13
518	523	1	8	10
524	0	0	30	13
525	0	0	3	3
526	0	0	30	13
527	528	1	8	10
529	0	0	2	2
530	0	0	8	10
531	0	0	2	2
532	534	1	8	10
535	0	0	30	13
536	0	0	3	3
537	0	0	30	13
538	0	0	31	15
539	0	0	3	3
540	0	0	31	15
541	546	1	8	10
547	0	0	31	15
548	0	0	3	3
549	0	0	31	15
550	551	1	8	10
552	0	0	2	2
553	0	0	8	10
554	0	0	2	2
555	557	1	8	10
558	0	0	31	15
559	0	0	3	3
560	0	0	31	15
561	566	1	8	10
567	0	0	31	15
568	0	0	3	3
569	0	0	31	15
570	571	1	8	10
572	0	0	2	2
573	0	0	8	10
574	0	0	2	2
575	577	1	8	10
578	0	0	31	15
579	0	0	3	3
580	0	0	31	15
581	586	1	8	10

587	0	0	31	15
588	0	0	3	3
589	0	0	31	15
590	0	0	32	18
591	0	0	3	3
592	0	0	32	18
593	594	1	8	10
595	0	0	2	2
596	0	0	8	10
597	0	0	2	2
598	600	1	8	10
601	0	0	32	18
602	0	0	3	3
603	0	0	32	18
604	609	1	8	10
610	0	0	32	18
611	0	0	3	3
612	0	0	32	18
613	614	1	8	10
615	0	0	1	1
616	0	0	8	10
617	0	0	1	1
618	620	1	8	10
621	0	0	32	18
622	0	0	3	3
623	0	0	32	18
624	629	1	8	10
630	0	0	32	18
631	0	0	3	3
632	0	0	32	18
633	634	1	8	10
635	0	0	2	2
636	0	0	8	10
637	0	0	2	2
638	640	1	8	10
641	0	0	32	18
642	0	0	3	3
643	0	0	32	18
644	0	0	31	15
645	0	0	3	3
646	0	0	31	15
647	652	1	8	10
653	0	0	31	15
654	0	0	3	3
655	0	0	31	15
656	657	1	8	10
658	0	0	2	2
659	0	0	8	10
660	0	0	2	2
661	663	1	8	10
664	0	0	31	15
665	0	0	3	3
666	0	0	31	15
667	672	1	8	10
673	0	0	31	15
674	0	0	3	3
675	0	0	31	15
676	677	1	8	10
678	0	0	2	2
679	0	0	8	10
680	0	0	2	2
681	683	1	8	10
684	0	0	31	15
685	0	0	3	3
686	0	0	31	15
687	692	1	8	10
693	0	0	31	15
694	0	0	3	3
695	0	0	31	15
696	0	0	30	13
697	0	0	3	3
698	0	0	30	13
699	700	1	8	10
701	0	0	2	2
702	0	0	8	10
703	0	0	2	2
704	706	1	8	10
707	0	0	30	13
708	0	0	3	3
709	0	0	30	13
710	715	1	8	10
716	0	0	30	13
717	0	0	3	3
718	0	0	30	13
719	720	1	8	10
721	0	0	2	2
722	0	0	8	10
723	0	0	2	2
724	726	1	8	10
727	0	0	30	13
728	0	0	3	3
729	0	0	30	13
730	735	1	8	10
736	0	0	30	13
737	0	0	3	3
738	0	0	30	13
739	740	1	8	10
741	0	0	2	2
742	0	0	8	10
743	0	0	2	2
744	746	1	8	10
747	0	0	30	13
748	0	0	3	3
749	0	0	30	13
750	0	0	31	15

751	0	0	3	3
752	0	0	31	15
753	758	1	8	10
759	0	0	31	15
760	0	0	3	3
761	0	0	31	15
762	763	1	8	10
764	0	0	2	2
765	0	0	8	10
766	0	0	2	2
767	769	1	8	10
770	0	0	31	15
771	0	0	3	3
772	0	0	31	15
773	778	1	8	10
779	0	0	31	15
780	0	0	3	3
781	0	0	31	15
782	783	1	8	10
784	0	0	2	2
785	0	0	8	10
786	0	0	2	2
787	789	1	8	10
790	0	0	31	15
791	0	0	3	3
792	0	0	31	15
793	798	1	8	10
799	0	0	31	15
800	0	0	3	3
801	0	0	31	15
802	0	0	32	18
803	0	0	3	3
804	0	0	32	18
805	806	1	8	10
807	0	0	2	2
808	0	0	8	10
809	0	0	2	2
810	812	1	8	10
813	0	0	32	18
814	0	0	3	3
815	0	0	32	18
816	821	1	8	10
822	0	0	32	18
823	0	0	3	3
824	0	0	32	18
825	826	1	8	10
827	0	0	1	1
828	0	0	8	10
829	0	0	1	1
830	832	1	8	10
833	0	0	32	18
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835	0	0	32	18
836	841	1	8	10
842	0	0	32	18
843	0	0	3	3
844	0	0	32	18
845	846	1	8	10
847	0	0	2	2
848	0	0	8	10
849	0	0	2	2
850	852	1	8	10
853	0	0	32	18
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855	0	0	32	18
856	0	0	31	15
857	0	0	3	3
858	0	0	31	15
859	864	1	8	10
865	0	0	31	15
866	0	0	3	3
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873	875	1	8	10
876	0	0	31	15
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878	0	0	31	15
879	884	1	8	10
885	0	0	31	15
886	0	0	3	3
887	0	0	31	15
888	889	1	8	10
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891	0	0	8	10
892	0	0	2	2
893	895	1	8	10
896	0	0	31	15
897	0	0	3	3
898	0	0	31	15
899	904	1	8	10
905	0	0	31	15
906	0	0	3	3
907	0	0	31	15
908	0	0	30	13
909	0	0	3	3
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915	0	0	2	2
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919	0	0	30	13

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959	0	0	30	13
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1016	0	0	32	18
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1119	0	0	31	15
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1426	0	0	31	15



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1458	0	0	32	18
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1466	1468	1	8	10
1469	0	0	32	18
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1471	0	0	32	18
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1590	1591	1	8	10
1592	0	0	2	2
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1715	0	0	34	21
1716	1721	1	6	8
1722	0	0	34	21
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1724	0	0	34	21
1725	1726	1	6	8
1727	0	0	2	2
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1729	0	0	2	2
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1756	0	0	33	19
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1836	1838	1	5	7
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1842	1847	1	4	6
1848	1932	1	15	23
1933	2017	1	16	4

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 1132  
TOTAL NUMBER OF ELEMENTS = 2017  
LARGEST ELEMENT NUMBER = 2017  
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 34  
DATA STORAGE LOCATIONS USED = 6051

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

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

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

MATERIAL

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



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0	0	2	0	0	0	5	0	0	0	0	7	0	0
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0	0	4	0	0	0	7	0	0	0	0	10	0	0
0	0	5	0	0	0	5	0	0	0	0	7	0	0
0	0	6	0	7	1	7	0	0	0	0	10	0	0
0	0	8	0	0	0	5	0	0	0	0	7	0	0
0	0	9	0	10	1	7	0	0	0	0	10	0	0
0	0	11	0	0	0	5	0	0	0	0	7	0	0
0	0	12	0	13	1	7	0	0	0	0	10	0	0
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0	0	21	0	22	1	7	0	0	0	0	10	0	0
0	0	23	0	0	0	5	0	0	0	0	7	0	0
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0	0	39	0	0	0	16	0	0	0	0	3	0	0
0	0	40	0	41	1	15	0	0	0	0	21	0	0
0	0	42	0	0	0	2	0	0	0	0	1	0	0
0	0	43	0	0	0	15	0	0	0	0	21	0	0
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0	0	45	0	47	1	15	0	0	0	0	21	0	0
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0	0	50	0	0	0	16	0	0	0	0	3	0	0
0	0	51	0	56	1	15	0	0	0	0	21	0	0
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0	0	60	0	61	1	15	0	0	0	0	21	0	0
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0	0	63	0	0	0	15	0	0	0	0	21	0	0
0	0	64	0	0	0	2	0	0	0	0	1	0	0
0	0	65	0	67	1	15	0	0	0	0	21	0	0
0	0	68	0	0	0	16	0	0	0	0	3	0	0
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0	0	70	0	71	1	16	0	0	0	0	3	0	0
0	0	72	0	0	0	2	0	0	0	0	1	0	0
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0	0	80	0	0	0	16	0	0	0	0	3	0	0
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0	0	88	0	90	1	15	0	0	0	0	21	0	0
0	0	91	0	0	0	16	0	0	0	0	3	0	0
0	0	92	0	0	0	2	0	0	0	0	1	0	0
0	0	93	0	0	0	16	0	0	0	0	3	0	0
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0	0	103	0	104	1	15	0	0	0	0	21	0	0
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0	0	111	0	0	0	16	0	0	0	0	3	0	0
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0	0	113	0	0	0	16	0	0	0	0	3	0	0
0	0	114	0	119	1	15	0	0	0	0	21	0	0
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0	0	122	0	123	1	16	0	0	0	0	3	0	0
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0	0	165	0	166	1	16	0	0	0	0	3	0	0
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0	0	518	0	523	1	15	0	0	0	21	0	0
0	0	524	0	0	0	16	0	0	0	3	0	0
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0	0	526	0	0	0	16	0	0	0	3	0	0
0	0	527	0	528	1	15	0	0	0	21	0	0
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0	0	553	0	0	0	15	0	0	0	21	0	0
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0	0	638	0	640	1	15	0	0	0	0	21	0	0
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0	0	675	0	0	0	16	0	0	0	0	3	0	0
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0	0	680	0	0	0	2	0	0	0	0	1	0	0
0	0	681	0	683	1	15	0	0	0	0	21	0	0



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0	0	772	0	0	0	16	0	0	0	0	3	0	0
0	0	773	0	778	1	15	0	0	0	0	21	0	0
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0	0	782	0	783	1	15	0	0	0	0	21	0	0
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0	0	785	0	0	0	15	0	0	0	0	21	0	0
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0	0	842	0	0	0	16	0	0	0	0	3	0	0
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0	0	848	0	0	0	15	0	0	0	0	21	0	0
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0	0	858	0	0	0	16	0	0	0	0	3	0	0
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0	0	1429	0	1434	1	15	0	0	0	21	0	0
0	0	1435	0	0	0	16	0	0	0	3	0	0
0	0	1436	0	0	0	2	0	0	0	1	0	0
0	0	1437	0	1438	1	16	0	0	0	3	0	0
0	0	1439	0	0	0	2	0	0	0	1	0	0
0	0	1440	0	0	0	16	0	0	0	3	0	0
0	0	1441	0	1442	1	15	0	0	0	21	0	0
0	0	1443	0	0	0	2	0	0	0	1	0	0
0	0	1444	0	0	0	15	0	0	0	21	0	0
0	0	1445	0	0	0	2	0	0	0	1	0	0
0	0	1446	0	1448	1	15	0	0	0	21	0	0
0	0	1449	0	0	0	16	0	0	0	3	0	0
0	0	1450	0	0	0	2	0	0	0	1	0	0
0	0	1451	0	0	0	16	0	0	0	3	0	0
0	0	1452	0	1457	1	15	0	0	0	21	0	0
0	0	1458	0	0	0	16	0	0	0	3	0	0
0	0	1459	0	0	0	2	0	0	0	1	0	0

0	0	1460	0	0	0	16	0	0	0	0	3	0	0
0	0	1461	0	1462	1	15	0	0	0	0	21	0	0
0	0	1463	0	0	0	2	0	0	0	0	1	0	0
0	0	1464	0	0	0	15	0	0	0	0	21	0	0
0	0	1465	0	0	0	2	0	0	0	0	1	0	0
0	0	1466	0	1468	1	15	0	0	0	0	21	0	0
0	0	1469	0	0	0	16	0	0	0	0	3	0	0
0	0	1470	0	0	0	2	0	0	0	0	1	0	0
0	0	1471	0	0	0	16	0	0	0	0	3	0	0
0	0	1472	0	1477	1	15	0	0	0	0	21	0	0
0	0	1478	0	0	0	16	0	0	0	0	3	0	0
0	0	1479	0	0	0	2	0	0	0	0	1	0	0
0	0	1480	0	0	0	16	0	0	0	0	3	0	0
0	0	1481	0	1482	1	15	0	0	0	0	21	0	0
0	0	1483	0	0	0	2	0	0	0	0	1	0	0
0	0	1484	0	0	0	15	0	0	0	0	21	0	0
0	0	1485	0	0	0	2	0	0	0	0	1	0	0
0	0	1486	0	1488	1	15	0	0	0	0	21	0	0
0	0	1489	0	0	0	16	0	0	0	0	3	0	0
0	0	1490	0	0	0	2	0	0	0	0	1	0	0
0	0	1491	0	1492	1	16	0	0	0	0	3	0	0
0	0	1493	0	0	0	2	0	0	0	0	1	0	0
0	0	1494	0	0	0	16	0	0	0	0	3	0	0
0	0	1495	0	1500	1	15	0	0	0	0	21	0	0
0	0	1501	0	0	0	16	0	0	0	0	3	0	0
0	0	1502	0	0	0	2	0	0	0	0	1	0	0
0	0	1503	0	1504	1	16	0	0	0	0	3	0	0
0	0	1505	0	0	0	2	0	0	0	0	1	0	0
0	0	1506	0	0	0	16	0	0	0	0	3	0	0
0	0	1507	0	1508	1	15	0	0	0	0	21	0	0
0	0	1509	0	0	0	2	0	0	0	0	1	0	0
0	0	1510	0	0	0	15	0	0	0	0	21	0	0
0	0	1511	0	0	0	2	0	0	0	0	1	0	0
0	0	1512	0	1514	1	15	0	0	0	0	21	0	0
0	0	1515	0	0	0	16	0	0	0	0	3	0	0
0	0	1516	0	0	0	2	0	0	0	0	1	0	0
0	0	1517	0	0	0	16	0	0	0	0	3	0	0
0	0	1518	0	1523	1	15	0	0	0	0	21	0	0
0	0	1524	0	0	0	16	0	0	0	0	3	0	0
0	0	1525	0	0	0	2	0	0	0	0	1	0	0
0	0	1526	0	0	0	16	0	0	0	0	3	0	0
0	0	1527	0	1528	1	15	0	0	0	0	21	0	0
0	0	1529	0	0	0	2	0	0	0	0	1	0	0
0	0	1530	0	0	0	15	0	0	0	0	21	0	0
0	0	1531	0	0	0	2	0	0	0	0	1	0	0
0	0	1532	0	1534	1	15	0	0	0	0	21	0	0
0	0	1535	0	0	0	16	0	0	0	0	3	0	0
0	0	1536	0	0	0	2	0	0	0	0	1	0	0
0	0	1537	0	0	0	16	0	0	0	0	3	0	0
0	0	1538	0	1543	1	15	0	0	0	0	21	0	0
0	0	1544	0	0	0	16	0	0	0	0	3	0	0
0	0	1545	0	0	0	2	0	0	0	0	1	0	0

0	0	1546	0	1547	1	16	0	0	0	0	3	0	0
0	0	1548	0	0	0	2	0	0	0	0	1	0	0
0	0	1549	0	0	0	16	0	0	0	0	3	0	0
0	0	1550	0	1551	1	15	0	0	0	0	21	0	0
0	0	1552	0	0	0	2	0	0	0	0	1	0	0
0	0	1553	0	0	0	15	0	0	0	0	21	0	0
0	0	1554	0	0	0	2	0	0	0	0	1	0	0
0	0	1555	0	1557	1	15	0	0	0	0	21	0	0
0	0	1558	0	0	0	16	0	0	0	0	3	0	0
0	0	1559	0	0	0	2	0	0	0	0	1	0	0
0	0	1560	0	0	0	16	0	0	0	0	3	0	0
0	0	1561	0	1566	1	15	0	0	0	0	21	0	0
0	0	1567	0	0	0	16	0	0	0	0	3	0	0
0	0	1568	0	0	0	2	0	0	0	0	1	0	0
0	0	1569	0	0	0	16	0	0	0	0	3	0	0
0	0	1570	0	1571	1	15	0	0	0	0	21	0	0
0	0	1572	0	0	0	2	0	0	0	0	1	0	0
0	0	1573	0	0	0	15	0	0	0	0	21	0	0
0	0	1574	0	0	0	2	0	0	0	0	1	0	0
0	0	1575	0	1577	1	15	0	0	0	0	21	0	0
0	0	1578	0	0	0	16	0	0	0	0	3	0	0
0	0	1579	0	0	0	2	0	0	0	0	1	0	0
0	0	1580	0	0	0	16	0	0	0	0	3	0	0
0	0	1581	0	1586	1	15	0	0	0	0	21	0	0
0	0	1587	0	0	0	16	0	0	0	0	3	0	0
0	0	1588	0	0	0	2	0	0	0	0	1	0	0
0	0	1589	0	0	0	16	0	0	0	0	3	0	0
0	0	1590	0	1591	1	15	0	0	0	0	21	0	0
0	0	1592	0	0	0	2	0	0	0	0	1	0	0
0	0	1593	0	0	0	15	0	0	0	0	21	0	0
0	0	1594	0	0	0	2	0	0	0	0	1	0	0
0	0	1595	0	1597	1	15	0	0	0	0	21	0	0
0	0	1598	0	0	0	16	0	0	0	0	3	0	0
0	0	1599	0	0	0	2	0	0	0	0	1	0	0
0	0	1600	0	1601	1	16	0	0	0	0	3	0	0
0	0	1602	0	0	0	2	0	0	0	0	1	0	0
0	0	1603	0	0	0	16	0	0	0	0	3	0	0
0	0	1604	0	1609	1	15	0	0	0	0	21	0	0
0	0	1610	0	0	0	16	0	0	0	0	3	0	0
0	0	1611	0	0	0	2	0	0	0	0	1	0	0
0	0	1612	0	0	0	16	0	0	0	0	3	0	0
0	0	1613	0	1614	1	15	0	0	0	0	21	0	0
0	0	1615	0	0	0	2	0	0	0	0	1	0	0
0	0	1616	0	0	0	15	0	0	0	0	21	0	0
0	0	1617	0	0	0	2	0	0	0	0	1	0	0
0	0	1618	0	1620	1	15	0	0	0	0	21	0	0
0	0	1621	0	0	0	16	0	0	0	0	3	0	0
0	0	1622	0	0	0	2	0	0	0	0	1	0	0
0	0	1623	0	0	0	16	0	0	0	0	3	0	0
0	0	1624	0	1629	1	15	0	0	0	0	21	0	0
0	0	1630	0	0	0	16	0	0	0	0	3	0	0
0	0	1631	0	0	0	2	0	0	0	0	1	0	0





0	0	1715	0	0	16	0	0	0	0	3	0	0
0	0	1716	0	1721	1	15	0	0	0	21	0	0
0	0	1722	0	0	0	16	0	0	0	3	0	0
0	0	1723	0	0	0	2	0	0	0	1	0	0
0	0	1724	0	0	0	16	0	0	0	3	0	0
0	0	1725	0	1726	1	15	0	0	0	21	0	0
0	0	1727	0	0	0	2	0	0	0	1	0	0
0	0	1728	0	0	0	15	0	0	0	21	0	0
0	0	1729	0	0	0	2	0	0	0	1	0	0
0	0	1730	0	1732	1	15	0	0	0	21	0	0
0	0	1733	0	0	0	16	0	0	0	3	0	0
0	0	1734	0	0	0	2	0	0	0	1	0	0
0	0	1735	0	0	0	16	0	0	0	3	0	0
0	0	1736	0	1741	1	15	0	0	0	21	0	0
0	0	1742	0	0	0	16	0	0	0	3	0	0
0	0	1743	0	0	0	2	0	0	0	1	0	0
0	0	1744	0	0	0	16	0	0	0	3	0	0
0	0	1745	0	1746	1	15	0	0	0	21	0	0
0	0	1747	0	0	0	2	0	0	0	1	0	0
0	0	1748	0	0	0	15	0	0	0	21	0	0
0	0	1749	0	0	0	2	0	0	0	1	0	0
0	0	1750	0	1752	1	15	0	0	0	21	0	0
0	0	1753	0	0	0	16	0	0	0	3	0	0
0	0	1754	0	0	0	2	0	0	0	1	0	0
0	0	1755	0	1756	1	16	0	0	0	3	0	0
0	0	1757	0	0	0	2	0	0	0	1	0	0
0	0	1758	0	0	0	16	0	0	0	3	0	0
0	0	1759	0	1764	1	15	0	0	0	21	0	0
0	0	1765	0	0	0	16	0	0	0	3	0	0
0	0	1766	0	0	0	2	0	0	0	1	0	0
0	0	1767	0	0	0	16	0	0	0	3	0	0
0	0	1768	0	1769	1	15	0	0	0	21	0	0
0	0	1770	0	0	0	2	0	0	0	1	0	0
0	0	1771	0	0	0	15	0	0	0	21	0	0
0	0	1772	0	0	0	2	0	0	0	1	0	0
0	0	1773	0	1775	1	15	0	0	0	21	0	0
0	0	1776	0	0	0	16	0	0	0	3	0	0
0	0	1777	0	0	0	2	0	0	0	1	0	0
0	0	1778	0	0	0	16	0	0	0	3	0	0
0	0	1779	0	1784	1	15	0	0	0	21	0	0
0	0	1785	0	0	0	16	0	0	0	3	0	0
0	0	1786	0	0	0	2	0	0	0	1	0	0
0	0	1787	0	0	0	16	0	0	0	3	0	0
0	0	1788	0	1789	1	15	0	0	0	21	0	0
0	0	1790	0	0	0	2	0	0	0	1	0	0
0	0	1791	0	0	0	15	0	0	0	21	0	0
0	0	1792	0	0	0	2	0	0	0	1	0	0
0	0	1793	0	1795	1	15	0	0	0	21	0	0
0	0	1796	0	0	0	16	0	0	0	3	0	0
0	0	1797	0	0	0	2	0	0	0	1	0	0
0	0	1798	0	1799	1	16	0	0	0	3	0	0
0	0	1800	0	0	0	2	0	0	0	1	0	0

0	0	1801	0	0	0	16	0	0	0	0	3	0	0
0	0	1802	0	1807	1	15	0	0	0	0	21	0	0
0	0	1808	0	0	0	16	0	0	0	0	3	0	0
0	0	1809	0	0	0	2	0	0	0	0	1	0	0
0	0	1810	0	0	0	16	0	0	0	0	3	0	0
0	0	1811	0	1812	1	15	0	0	0	0	21	0	0
0	0	1813	0	0	0	2	0	0	0	0	1	0	0
0	0	1814	0	0	0	15	0	0	0	0	21	0	0
0	0	1815	0	0	0	2	0	0	0	0	1	0	0
0	0	1816	0	1818	1	15	0	0	0	0	21	0	0
0	0	1819	0	0	0	16	0	0	0	0	3	0	0
0	0	1820	0	0	0	2	0	0	0	0	1	0	0
0	0	1821	0	0	0	16	0	0	0	0	3	0	0
0	0	1822	0	1827	1	15	0	0	0	0	21	0	0
0	0	1828	0	0	0	16	0	0	0	0	3	0	0
0	0	1829	0	0	0	2	0	0	0	0	1	0	0
0	0	1830	0	0	0	16	0	0	0	0	3	0	0
0	0	1831	0	1832	1	15	0	0	0	0	21	0	0
0	0	1833	0	0	0	2	0	0	0	0	1	0	0
0	0	1834	0	0	0	15	0	0	0	0	21	0	0
0	0	1835	0	0	0	2	0	0	0	0	1	0	0
0	0	1836	0	1838	1	15	0	0	0	0	21	0	0
0	0	1839	0	0	0	16	0	0	0	0	3	0	0
0	0	1840	0	0	0	2	0	0	0	0	1	0	0
0	0	1841	0	0	0	16	0	0	0	0	3	0	0
0	0	1842	0	1847	1	15	0	0	0	0	21	0	0
0	0	1848	0	1932	1	3	0	0	0	0	6	0	0
0	0	1933	0	2017	1	8	0	0	0	0	23	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 1120

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
2	0	0	W	1.00000
10193	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2	0	0	THX	1.00000
10193	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
2	0	0	THY	1.00000
10193	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
2	0	0	THZ	1.00000
10193	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
10193	0	0	W	-1.00000
10194	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10193	0	0	THX	-1.00000
10194	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
10193	0	0	THY	-1.00000
10194	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
10193	0	0	THZ	-1.00000
10194	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
2	0	0	U	0.666667
10193	0	0	U	-0.666667
10193	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2	0	0	V	0.666667
10193	0	0	V	-0.666667
10193	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10193	0	0	U	-1.00000
10193	0	0	THY	-1.00000
10194	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10193	0	0	V	-1.00000
10193	0	0	THX	1.00000
10194	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
5	0	0	W	1.00000
10209	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
5	0	0	THX	1.00000
10209	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
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5	0	0	THY	1.00000
10209	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
5	0	0	THZ	1.00000
10209	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
10209	0	0	W	-1.00000
10210	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10209	0	0	THX	-1.00000
10210	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
10209	0	0	THY	-1.00000
10210	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
10209	0	0	THZ	-1.00000
10210	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
5	0	0	U	0.666667
10209	0	0	U	-0.666667
10209	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
5	0	0	V	0.666667
10209	0	0	V	-0.666667
10209	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10209	0	0	U	-1.00000
10209	0	0	THY	-1.00000
10210	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10209	0	0	V	-1.00000
10209	0	0	THX	1.00000
10210	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	W	-1.00000
10229	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	THX	-1.00000
10229	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
10228	0	0	THY	-1.00000
10229	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
10228	0	0	THZ	-1.00000
10229	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
10228	0	0	U	-1.00000
10228	0	0	THY	-1.00000
10229	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	V	-1.00000
10228	0	0	THX	1.00000
10229	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
10240	0	0	W	-1.00000
10241	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10240	0	0	THX	-1.00000
10241	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
10240	0	0	THY	-1.00000
10241	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
10240	0	0	THZ	-1.00000
10241	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
10240	0	0	U	-1.00000
10240	0	0	THY	-1.00000
10241	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10240	0	0	V	-1.00000
10240	0	0	THX	1.00000
10241	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
10265	0	0	W	-1.00000
10266	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10265	0	0	THX	-1.00000
10266	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
10265	0	0	THY	-1.00000
10266	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
10265	0	0	THZ	-1.00000
10266	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
10265	0	0	U	-1.00000
10265	0	0	THY	-1.00000
10266	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10265	0	0	V	-1.00000
10265	0	0	THX	1.00000
10266	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	W	-1.00000
10278	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THX	-1.00000
10278	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THY	-1.00000
10278	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THZ	-1.00000
10278	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	U	-1.00000
10277	0	0	THY	-1.00000
10278	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	V	-1.00000
10277	0	0	THX	1.00000
10278	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	W	-1.00000
10297	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	THX	-1.00000
10297	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	THY	-1.00000
10297	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	THZ	-1.00000
10297	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	U	-1.00000
10296	0	0	THY	-1.00000
10297	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	V	-1.00000
10296	0	0	THX	1.00000
10297	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	W	-1.00000
10309	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THX	-1.00000
10309	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THY	-1.00000
10309	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THZ	-1.00000
10309	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	U	-1.00000
10308	0	0	THY	-1.00000
10309	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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10308 0 0 V -1.00000  
10308 0 0 THX 1.00000  
10309 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	W	-1.00000
10334	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	THX	-1.00000
10334	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	THY	-1.00000
10334	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	THZ	-1.00000
10334	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	U	-1.00000
10333	0	0	THY	-1.00000
10334	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	V	-1.00000
10333	0	0	THX	1.00000
10334	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	W	-1.00000
10346	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	THX	-1.00000
10346	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	THY	-1.00000
10346	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	THZ	-1.00000
10346	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	U	-1.00000
10345	0	0	THY	-1.00000
10346	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	V	-1.00000
10345	0	0	THX	1.00000
10346	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	W	-1.00000
10365	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THX	-1.00000
10365	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THY	-1.00000
10365	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THZ	-1.00000
10365	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	U	-1.00000
10364	0	0	THY	-1.00000
10365	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	V	-1.00000
10364	0	0	THX	1.00000
10365	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	W	-1.00000
10377	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THX	-1.00000
10377	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THY	-1.00000
10377	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THZ	-1.00000
10377	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	U	-1.00000
10376	0	0	THY	-1.00000
10377	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	V	-1.00000
10376	0	0	THX	1.00000
10377	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	W	-1.00000
10402	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THX	-1.00000
10402	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THY	-1.00000
10402	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THZ	-1.00000
10402	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	U	-1.00000
10401	0	0	THY	-1.00000
10402	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	V	-1.00000
10401	0	0	THX	1.00000
10402	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	W	-1.00000
10414	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THX	-1.00000
10414	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THY	-1.00000
10414	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THZ	-1.00000
10414	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	U	-1.00000
10413	0	0	THY	-1.00000
10414	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	V	-1.00000
10413	0	0	THX	1.00000
10414	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	W	1.00000
10434	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THX	1.00000
10434	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THY	1.00000
10434	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THZ	1.00000
10434	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	W	-1.00000
10435	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THX	-1.00000
10435	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THY	-1.00000
10435	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THZ	-1.00000
10435	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	U	0.666667
10434	0	0	U	-0.666667

10434 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
7 0 0 V 0.666667  
10434 0 0 V -0.666667  
10434 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10434 0 0 U -1.00000  
10434 0 0 THY -1.00000  
10435 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10434 0 0 V -1.00000  
10434 0 0 THX 1.00000  
10435 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
11 0 0 W 1.00000  
10450 0 0 W -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
11 0 0 THX 1.00000  
10450 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
11 0 0 THY 1.00000  
10450 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
11 0 0 THZ 1.00000  
10450 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10450 0 0 W -1.00000  
10451 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10450 0 0 THX -1.00000  
10451 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10450 0 0 THY -1.00000  
10451 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10450 0 0 THZ -1.00000  
10451 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	U	0.666667
10450	0	0	U	-0.666667
10450	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	V	0.666667
10450	0	0	V	-0.666667
10450	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	U	-1.00000
10450	0	0	THY	-1.00000
10451	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	V	-1.00000
10450	0	0	THX	1.00000
10451	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	W	-1.00000
302	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THX	-1.00000
302	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THY	-1.00000
302	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THZ	-1.00000
302	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	U	-1.00000
301	0	0	THY	-1.00000
302	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	V	-1.00000
301	0	0	THX	1.00000
302	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	W	-1.00000
314	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THX	-1.00000
314	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THY	-1.00000
314	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THZ	-1.00000
314	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	U	-1.00000
313	0	0	THY	-1.00000
314	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	V	-1.00000
313	0	0	THX	1.00000
314	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	W	-1.00000
339	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THX	-1.00000
339	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THY	-1.00000
339	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THZ	-1.00000
339	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	U	-1.00000
338	0	0	THY	-1.00000
339	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	V	-1.00000
338	0	0	THX	1.00000
339	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	W	-1.00000
351	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THX	-1.00000
351	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THY	-1.00000
351	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THZ	-1.00000
351	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	U	-1.00000
350	0	0	THY	-1.00000
351	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	V	-1.00000
350	0	0	THX	1.00000
351	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	W	-1.00000
370	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THX	-1.00000
370	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THY	-1.00000
370	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THZ	-1.00000
370	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	U	-1.00000
369	0	0	THY	-1.00000
370	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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369	0	0	V	-1.00000
369	0	0	THX	1.00000
370	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	W	-1.00000
382	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THX	-1.00000
382	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THY	-1.00000
382	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THZ	-1.00000
382	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	U	-1.00000
381	0	0	THY	-1.00000
382	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	V	-1.00000
381	0	0	THX	1.00000
382	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	W	-1.00000
407	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THX	-1.00000
407	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THY	-1.00000
407	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THZ	-1.00000
407	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	U	-1.00000
406	0	0	THY	-1.00000
407	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	V	-1.00000
406	0	0	THX	1.00000
407	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	W	-1.00000
419	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THX	-1.00000
419	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THY	-1.00000
419	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THZ	-1.00000
419	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	U	-1.00000
418	0	0	THY	-1.00000
419	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	V	-1.00000
418	0	0	THX	1.00000
419	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	W	-1.00000
438	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THX	-1.00000
438	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THY	-1.00000
438	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THZ	-1.00000
438	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	U	-1.00000
437	0	0	THY	-1.00000
438	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	V	-1.00000
437	0	0	THX	1.00000
438	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	W	-1.00000
450	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THX	-1.00000
450	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THY	-1.00000
450	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THZ	-1.00000
450	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	U	-1.00000
449	0	0	THY	-1.00000
450	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	V	-1.00000
449	0	0	THX	1.00000
450	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	W	-1.00000
469	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THX	-1.00000
469	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THY	-1.00000
469	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THZ	-1.00000
469	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	U	-1.00000
468	0	0	THY	-1.00000
469	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	V	-1.00000
468	0	0	THX	1.00000
469	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	W	-1.00000
481	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THX	-1.00000
481	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THY	-1.00000
481	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THZ	-1.00000
481	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	U	-1.00000
480	0	0	THY	-1.00000
481	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	V	-1.00000
480	0	0	THX	1.00000
481	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	W	-1.00000
506	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	THX	-1.00000
506	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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505 0 0 THY -1.00000  
506 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
505 0 0 THZ -1.00000  
506 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
505 0 0 U -1.00000  
505 0 0 THY -1.00000  
506 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 43 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
505 0 0 V -1.00000  
505 0 0 THX 1.00000  
506 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 W -1.00000  
518 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 THX -1.00000  
518 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 THY -1.00000  
518 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 THZ -1.00000  
518 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 U -1.00000  
517 0 0 THY -1.00000  
518 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 V -1.00000  
517 0 0 THX 1.00000  
518 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 46 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
536 0 0 W -1.00000  
537 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
536 0 0 THX -1.00000  
537 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THY	-1.00000
537	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THZ	-1.00000
537	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	U	-1.00000
536	0	0	THY	-1.00000
537	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	V	-1.00000
536	0	0	THX	1.00000
537	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	W	-1.00000
549	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THX	-1.00000
549	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THY	-1.00000
549	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THZ	-1.00000
549	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	U	-1.00000
548	0	0	THY	-1.00000
549	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	V	-1.00000
548	0	0	THX	1.00000
549	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	W	-1.00000
574	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THX	-1.00000
574	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THY	-1.00000
574	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THZ	-1.00000
574	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	U	-1.00000
573	0	0	THY	-1.00000
574	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	V	-1.00000
573	0	0	THX	1.00000
574	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	W	-1.00000
586	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THX	-1.00000
586	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THY	-1.00000
586	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THZ	-1.00000
586	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	U	-1.00000
585	0	0	THY	-1.00000
586	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	V	-1.00000
585	0	0	THX	1.00000
586	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	W	1.00000
606	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	THX	1.00000
606	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	THY	1.00000
606	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	THZ	1.00000
606	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	W	-1.00000
607	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THX	-1.00000
607	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THY	-1.00000
607	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THZ	-1.00000
607	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	U	0.666667
606	0	0	U	-0.666667
606	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	V	0.666667
606	0	0	V	-0.666667
606	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	U	-1.00000
606	0	0	THY	-1.00000
607	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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606	0	0	V	-1.00000
606	0	0	THX	1.00000
607	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	W	1.00000
622	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THX	1.00000
622	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THY	1.00000
622	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THZ	1.00000
622	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	W	-1.00000
623	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THX	-1.00000
623	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THY	-1.00000
623	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THZ	-1.00000
623	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	U	0.666667
622	0	0	U	-0.666667
622	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	V	0.666667
622	0	0	V	-0.666667
622	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	U	-1.00000
622	0	0	THY	-1.00000
623	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	V	-1.00000
622	0	0	THX	1.00000
623	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	W	-1.00000
642	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THX	-1.00000
642	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THY	-1.00000
642	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THZ	-1.00000
642	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	U	-1.00000
641	0	0	THY	-1.00000
642	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	V	-1.00000
641	0	0	THX	1.00000
642	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	W	-1.00000
654	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THX	-1.00000
654	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THY	-1.00000
654	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THZ	-1.00000
654	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	U	-1.00000
653	0	0	THY	-1.00000
654	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	V	-1.00000
653	0	0	THX	1.00000
654	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	W	-1.00000
679	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THX	-1.00000
679	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THY	-1.00000
679	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THZ	-1.00000
679	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	U	-1.00000
678	0	0	THY	-1.00000
679	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	V	-1.00000
678	0	0	THX	1.00000
679	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	W	-1.00000
691	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THX	-1.00000
691	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THY	-1.00000
691	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THZ	-1.00000
691	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	U	-1.00000
690	0	0	THY	-1.00000
691	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	V	-1.00000
690	0	0	THX	1.00000
691	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	W	-1.00000
710	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THX	-1.00000
710	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THY	-1.00000
710	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THZ	-1.00000
710	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	U	-1.00000
709	0	0	THY	-1.00000
710	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	V	-1.00000
709	0	0	THX	1.00000
710	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	W	-1.00000
722	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THX	-1.00000
722	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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721 0 0 THY -1.00000  
722 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THZ	-1.00000
722	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	U	-1.00000
721	0	0	THY	-1.00000
722	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	V	-1.00000
721	0	0	THX	1.00000
722	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	W	-1.00000
747	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	THX	-1.00000
747	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	THY	-1.00000
747	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	THZ	-1.00000
747	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	U	-1.00000
746	0	0	THY	-1.00000
747	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	V	-1.00000
746	0	0	THX	1.00000
747	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	W	-1.00000
759	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THX	-1.00000
759	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THY	-1.00000
759	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THZ	-1.00000
759	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	U	-1.00000
758	0	0	THY	-1.00000
759	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	V	-1.00000
758	0	0	THX	1.00000
759	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	W	-1.00000
778	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THX	-1.00000
778	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THY	-1.00000
778	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THZ	-1.00000
778	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	U	-1.00000
777	0	0	THY	-1.00000
778	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	V	-1.00000
777	0	0	THX	1.00000
778	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	W	-1.00000
790	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THX	-1.00000
790	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THY	-1.00000
790	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THZ	-1.00000
790	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	U	-1.00000
789	0	0	THY	-1.00000
790	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	V	-1.00000
789	0	0	THX	1.00000
790	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	W	-1.00000
809	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THX	-1.00000
809	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THY	-1.00000
809	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THZ	-1.00000
809	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	U	-1.00000
808	0	0	THY	-1.00000
809	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	V	-1.00000
808	0	0	THX	1.00000
809	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	W	-1.00000
821	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THX	-1.00000
821	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THY	-1.00000
821	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THZ	-1.00000
821	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	U	-1.00000
820	0	0	THY	-1.00000
821	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	V	-1.00000
820	0	0	THX	1.00000
821	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	W	-1.00000
846	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THX	-1.00000
846	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THY	-1.00000
846	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THZ	-1.00000
846	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	U	-1.00000
845	0	0	THY	-1.00000
846	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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845	0	0	V	-1.00000
845	0	0	THX	1.00000
846	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	W	-1.00000
858	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THX	-1.00000
858	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THY	-1.00000
858	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THZ	-1.00000
858	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	U	-1.00000
857	0	0	THY	-1.00000
858	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	V	-1.00000
857	0	0	THX	1.00000
858	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	W	-1.00000
877	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THX	-1.00000
877	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THY	-1.00000
877	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THZ	-1.00000
877	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	U	-1.00000
876	0	0	THY	-1.00000
877	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	V	-1.00000
876	0	0	THX	1.00000
877	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	W	-1.00000
889	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THX	-1.00000
889	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THY	-1.00000
889	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THZ	-1.00000
889	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	U	-1.00000
888	0	0	THY	-1.00000
889	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	V	-1.00000
888	0	0	THX	1.00000
889	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	W	-1.00000
914	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THX	-1.00000
914	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THY	-1.00000
914	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THZ	-1.00000
914	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	U	-1.00000
913	0	0	THY	-1.00000
914	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	V	-1.00000
913	0	0	THX	1.00000
914	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	W	-1.00000
926	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THX	-1.00000
926	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THY	-1.00000
926	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THZ	-1.00000
926	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	U	-1.00000
925	0	0	THY	-1.00000
926	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	V	-1.00000
925	0	0	THX	1.00000
926	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	W	1.00000
946	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THX	1.00000
946	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THY	1.00000
946	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THZ	1.00000
946	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	W	-1.00000
947	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THX	-1.00000
947	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THY	-1.00000
947	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THZ	-1.00000
947	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	U	0.666667
946	0	0	U	-0.666667
946	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	V	0.666667
946	0	0	V	-0.666667
946	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	U	-1.00000
946	0	0	THY	-1.00000
947	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	V	-1.00000
946	0	0	THX	1.00000
947	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	W	1.00000
962	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	THX	1.00000
962	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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23	0	0	THY	1.00000
962	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	THZ	1.00000
962	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	W	-1.00000
963	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	THX	-1.00000
963	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	THY	-1.00000
963	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	THZ	-1.00000
963	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	U	0.666667
962	0	0	U	-0.666667
962	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	V	0.666667
962	0	0	V	-0.666667
962	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	U	-1.00000
962	0	0	THY	-1.00000
963	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	V	-1.00000
962	0	0	THX	1.00000
963	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	W	-1.00000
982	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	THX	-1.00000
982	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	THY	-1.00000
982	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	THZ	-1.00000
982	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	U	-1.00000
981	0	0	THY	-1.00000
982	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	V	-1.00000
981	0	0	THX	1.00000
982	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	W	-1.00000
994	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THX	-1.00000
994	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THY	-1.00000
994	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THZ	-1.00000
994	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	U	-1.00000
993	0	0	THY	-1.00000
994	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	V	-1.00000
993	0	0	THX	1.00000
994	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	W	-1.00000
1019	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THX	-1.00000
1019	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THY	-1.00000
1019	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THZ	-1.00000
1019	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	U	-1.00000
1018	0	0	THY	-1.00000
1019	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	V	-1.00000
1018	0	0	THX	1.00000
1019	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	W	-1.00000
1031	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THX	-1.00000
1031	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THY	-1.00000
1031	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THZ	-1.00000
1031	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	U	-1.00000
1030	0	0	THY	-1.00000
1031	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	V	-1.00000
1030	0	0	THX	1.00000
1031	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	W	-1.00000
1050	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THX	-1.00000
1050	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THY	-1.00000
1050	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THZ	-1.00000
1050	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	U	-1.00000
1049	0	0	THY	-1.00000
1050	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	V	-1.00000
1049	0	0	THX	1.00000
1050	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	W	-1.00000
1062	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THX	-1.00000
1062	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THY	-1.00000
1062	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THZ	-1.00000
1062	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	U	-1.00000
1061	0	0	THY	-1.00000
1062	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1061	0	0	V	-1.00000
1061	0	0	THX	1.00000
1062	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	W	-1.00000
1087	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THX	-1.00000
1087	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THY	-1.00000
1087	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THZ	-1.00000
1087	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	U	-1.00000
1086	0	0	THY	-1.00000
1087	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	V	-1.00000
1086	0	0	THX	1.00000
1087	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	W	-1.00000
1099	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THX	-1.00000
1099	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THY	-1.00000
1099	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THZ	-1.00000
1099	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	U	-1.00000
1098	0	0	THY	-1.00000
1099	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	V	-1.00000
1098	0	0	THX	1.00000
1099	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	W	-1.00000
1118	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THX	-1.00000
1118	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THY	-1.00000
1118	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THZ	-1.00000
1118	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	U	-1.00000
1117	0	0	THY	-1.00000
1118	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	V	-1.00000
1117	0	0	THX	1.00000
1118	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	W	-1.00000
1130	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THX	-1.00000
1130	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THY	-1.00000
1130	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THZ	-1.00000
1130	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	U	-1.00000
1129	0	0	THY	-1.00000
1130	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	V	-1.00000
1129	0	0	THX	1.00000
1130	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	W	-1.00000
1149	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THX	-1.00000
1149	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THY	-1.00000
1149	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THZ	-1.00000
1149	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	U	-1.00000
1148	0	0	THY	-1.00000
1149	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	V	-1.00000
1148	0	0	THX	1.00000
1149	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	W	-1.00000
1161	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THX	-1.00000
1161	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THY	-1.00000
1161	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THZ	-1.00000
1161	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	U	-1.00000
1160	0	0	THY	-1.00000
1161	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	V	-1.00000
1160	0	0	THX	1.00000
1161	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	W	-1.00000
1186	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THX	-1.00000
1186	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THY	-1.00000
1186	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THZ	-1.00000
1186	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	U	-1.00000
1185	0	0	THY	-1.00000
1186	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	V	-1.00000
1185	0	0	THX	1.00000
1186	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	W	-1.00000
1198	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	THX	-1.00000
1198	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1197 0 0 THY -1.00000  
1198 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1197 0 0 THZ -1.00000  
1198 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1197 0 0 U -1.00000  
1197 0 0 THY -1.00000  
1198 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 105 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1197 0 0 V -1.00000  
1197 0 0 THX 1.00000  
1198 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 W -1.00000  
1217 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 THX -1.00000  
1217 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 THY -1.00000  
1217 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 THZ -1.00000  
1217 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 U -1.00000  
1216 0 0 THY -1.00000  
1217 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 V -1.00000  
1216 0 0 THX 1.00000  
1217 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 108 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1228 0 0 W -1.00000  
1229 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1228 0 0 THX -1.00000  
1229 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THY	-1.00000
1229	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THZ	-1.00000
1229	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	U	-1.00000
1228	0	0	THY	-1.00000
1229	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	V	-1.00000
1228	0	0	THX	1.00000
1229	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	W	-1.00000
1254	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THX	-1.00000
1254	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THY	-1.00000
1254	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THZ	-1.00000
1254	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	U	-1.00000
1253	0	0	THY	-1.00000
1254	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	V	-1.00000
1253	0	0	THX	1.00000
1254	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	W	-1.00000
1266	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THX	-1.00000
1266	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THY	-1.00000
1266	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THZ	-1.00000
1266	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	U	-1.00000
1265	0	0	THY	-1.00000
1266	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	V	-1.00000
1265	0	0	THX	1.00000
1266	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	W	1.00000
1286	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THX	1.00000
1286	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THY	1.00000
1286	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THZ	1.00000
1286	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	W	-1.00000
1287	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	THX	-1.00000
1287	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
1286	0	0	THY	-1.00000
1287	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	THZ	-1.00000
1287	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	U	0.666667
1286	0	0	U	-0.666667
1286	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	V	0.666667
1286	0	0	V	-0.666667
1286	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	U	-1.00000
1286	0	0	THY	-1.00000
1287	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	V	-1.00000
1286	0	0	THX	1.00000
1287	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	W	1.00000
1302	0	0	W	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	THX	1.00000
1302	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	THY	1.00000
1302	0	0	THY	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	THZ	1.00000
1302	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1302	0	0	W	-1.00000
1303	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1302	0	0	THX	-1.00000

1303 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 THY -1.00000  
1303 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 THZ -1.00000  
1303 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
30 0 0 U 0.666667  
1302 0 0 U -0.666667  
1302 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
30 0 0 V 0.666667  
1302 0 0 V -0.666667  
1302 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 U -1.00000  
1302 0 0 THY -1.00000  
1303 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 V -1.00000  
1302 0 0 THX 1.00000  
1303 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 W -1.00000  
1322 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 THX -1.00000  
1322 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 THY -1.00000  
1322 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 THZ -1.00000  
1322 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 U -1.00000  
1321 0 0 THY -1.00000  
1322 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	V	-1.00000
1321	0	0	THX	1.00000
1322	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	W	-1.00000
1334	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THX	-1.00000
1334	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THY	-1.00000
1334	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THZ	-1.00000
1334	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	U	-1.00000
1333	0	0	THY	-1.00000
1334	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	V	-1.00000
1333	0	0	THX	1.00000
1334	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	W	-1.00000
1359	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THX	-1.00000
1359	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THY	-1.00000
1359	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THZ	-1.00000
1359	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	U	-1.00000
1358	0	0	THY	-1.00000
1359	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	V	-1.00000
1358	0	0	THX	1.00000
1359	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	W	-1.00000
1371	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THX	-1.00000
1371	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THY	-1.00000
1371	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THZ	-1.00000
1371	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	U	-1.00000
1370	0	0	THY	-1.00000
1371	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	V	-1.00000
1370	0	0	THX	1.00000
1371	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	W	-1.00000
1390	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THX	-1.00000
1390	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THY	-1.00000
1390	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THZ	-1.00000
1390	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	U	-1.00000
1389	0	0	THY	-1.00000
1390	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	V	-1.00000
1389	0	0	THX	1.00000
1390	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	W	-1.00000
1402	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THX	-1.00000
1402	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THY	-1.00000
1402	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THZ	-1.00000
1402	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	U	-1.00000
1401	0	0	THY	-1.00000
1402	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	V	-1.00000
1401	0	0	THX	1.00000
1402	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	W	-1.00000
1427	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THX	-1.00000
1427	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1426 0 0 THY -1.00000  
1427 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1426 0 0 THZ -1.00000  
1427 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1426 0 0 U -1.00000  
1426 0 0 THY -1.00000  
1427 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 124 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1426 0 0 V -1.00000  
1426 0 0 THX 1.00000  
1427 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 126 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1438 0 0 W -1.00000  
1439 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1438 0 0 THX -1.00000  
1439 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1438 0 0 THY -1.00000  
1439 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1438 0 0 THZ -1.00000  
1439 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1438 0 0 U -1.00000  
1438 0 0 THY -1.00000  
1439 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 126 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1438 0 0 V -1.00000  
1438 0 0 THX 1.00000  
1439 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 127 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1457 0 0 W -1.00000  
1458 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1457 0 0 THX -1.00000  
1458 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THY	-1.00000
1458	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THZ	-1.00000
1458	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	U	-1.00000
1457	0	0	THY	-1.00000
1458	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	V	-1.00000
1457	0	0	THX	1.00000
1458	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	W	-1.00000
1470	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THX	-1.00000
1470	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THY	-1.00000
1470	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THZ	-1.00000
1470	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	U	-1.00000
1469	0	0	THY	-1.00000
1470	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	V	-1.00000
1469	0	0	THX	1.00000
1470	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	W	-1.00000
1489	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THX	-1.00000
1489	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THY	-1.00000
1489	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THZ	-1.00000
1489	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	U	-1.00000
1488	0	0	THY	-1.00000
1489	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	V	-1.00000
1488	0	0	THX	1.00000
1489	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	W	-1.00000
1501	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THX	-1.00000
1501	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THY	-1.00000
1501	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THZ	-1.00000
1501	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	U	-1.00000
1500	0	0	THY	-1.00000
1501	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	V	-1.00000
1500	0	0	THX	1.00000
1501	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	W	-1.00000
1526	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THX	-1.00000
1526	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THY	-1.00000
1526	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THZ	-1.00000
1526	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	U	-1.00000
1525	0	0	THY	-1.00000
1526	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	V	-1.00000
1525	0	0	THX	1.00000
1526	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	W	-1.00000
1538	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THX	-1.00000
1538	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THY	-1.00000
1538	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THZ	-1.00000
1538	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	U	-1.00000
1537	0	0	THY	-1.00000
1538	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1537 0 0 V -1.00000  
1537 0 0 THX 1.00000  
1538 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	W	-1.00000
1557	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	THX	-1.00000
1557	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	THY	-1.00000
1557	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	THZ	-1.00000
1557	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	U	-1.00000
1556	0	0	THY	-1.00000
1557	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	V	-1.00000
1556	0	0	THX	1.00000
1557	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	W	-1.00000
1569	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	THX	-1.00000
1569	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	THY	-1.00000
1569	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	THZ	-1.00000
1569	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	U	-1.00000
1568	0	0	THY	-1.00000
1569	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	V	-1.00000
1568	0	0	THX	1.00000
1569	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	W	-1.00000
1594	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THX	-1.00000
1594	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THY	-1.00000
1594	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THZ	-1.00000
1594	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	U	-1.00000
1593	0	0	THY	-1.00000
1594	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	V	-1.00000
1593	0	0	THX	1.00000
1594	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	W	-1.00000
1606	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THX	-1.00000
1606	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THY	-1.00000
1606	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THZ	-1.00000
1606	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	U	-1.00000
1605	0	0	THY	-1.00000
1606	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	V	-1.00000
1605	0	0	THX	1.00000
1606	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	W	1.00000
1626	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THX	1.00000
1626	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THY	1.00000
1626	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THZ	1.00000
1626	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	W	-1.00000
1627	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THX	-1.00000
1627	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THY	-1.00000
1627	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THZ	-1.00000
1627	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	U	0.666667
1626	0	0	U	-0.666667
1626	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
32	0	0	V	0.666667
1626	0	0	V	-0.666667
1626	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	U	-1.00000
1626	0	0	THY	-1.00000
1627	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	V	-1.00000
1626	0	0	THX	1.00000
1627	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	W	1.00000
1642	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	THX	1.00000
1642	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	THY	1.00000
1642	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	THZ	1.00000
1642	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	W	-1.00000
1643	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THX	-1.00000
1643	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THY	-1.00000
1643	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THZ	-1.00000
1643	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	U	0.666667
1642	0	0	U	-0.666667

1642 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
35 0 0 V 0.666667  
1642 0 0 V -0.666667  
1642 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1642 0 0 U -1.00000  
1642 0 0 THY -1.00000  
1643 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1642 0 0 V -1.00000  
1642 0 0 THX 1.00000  
1643 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 W -1.00000  
1662 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 THX -1.00000  
1662 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 THY -1.00000  
1662 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 THZ -1.00000  
1662 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 U -1.00000  
1661 0 0 THY -1.00000  
1662 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 V -1.00000  
1661 0 0 THX 1.00000  
1662 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 147 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1673 0 0 W -1.00000  
1674 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1673 0 0 THX -1.00000  
1674 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THY	-1.00000
1674	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THZ	-1.00000
1674	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	U	-1.00000
1673	0	0	THY	-1.00000
1674	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	V	-1.00000
1673	0	0	THX	1.00000
1674	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	W	-1.00000
1699	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THX	-1.00000
1699	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THY	-1.00000
1699	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THZ	-1.00000
1699	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	U	-1.00000
1698	0	0	THY	-1.00000
1699	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	V	-1.00000
1698	0	0	THX	1.00000
1699	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	W	-1.00000
1711	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THX	-1.00000
1711	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THY	-1.00000
1711	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THZ	-1.00000
1711	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	U	-1.00000
1710	0	0	THY	-1.00000
1711	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	V	-1.00000
1710	0	0	THX	1.00000
1711	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	W	-1.00000
1730	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THX	-1.00000
1730	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THY	-1.00000
1730	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THZ	-1.00000
1730	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	U	-1.00000
1729	0	0	THY	-1.00000
1730	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	V	-1.00000
1729	0	0	THX	1.00000
1730	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	W	-1.00000
1742	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THX	-1.00000
1742	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THY	-1.00000
1742	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THZ	-1.00000
1742	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	U	-1.00000
1741	0	0	THY	-1.00000
1742	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	V	-1.00000
1741	0	0	THX	1.00000
1742	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	W	-1.00000
1767	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THX	-1.00000
1767	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THY	-1.00000
1767	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THZ	-1.00000
1767	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	U	-1.00000
1766	0	0	THY	-1.00000
1767	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1766	0	0	V	-1.00000
1766	0	0	THX	1.00000
1767	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	W	-1.00000
1779	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	THX	-1.00000
1779	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	THY	-1.00000
1779	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	THZ	-1.00000
1779	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	U	-1.00000
1778	0	0	THY	-1.00000
1779	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	V	-1.00000
1778	0	0	THX	1.00000
1779	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	W	-1.00000
1798	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	THX	-1.00000
1798	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	THY	-1.00000
1798	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	THZ	-1.00000
1798	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	U	-1.00000
1797	0	0	THY	-1.00000
1798	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	V	-1.00000
1797	0	0	THX	1.00000
1798	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	W	-1.00000
1810	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THX	-1.00000
1810	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THY	-1.00000
1810	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THZ	-1.00000
1810	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	U	-1.00000
1809	0	0	THY	-1.00000
1810	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	V	-1.00000
1809	0	0	THX	1.00000
1810	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	W	-1.00000
1829	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THX	-1.00000
1829	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THY	-1.00000
1829	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THZ	-1.00000
1829	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	U	-1.00000
1828	0	0	THY	-1.00000
1829	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	V	-1.00000
1828	0	0	THX	1.00000
1829	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	W	-1.00000
1841	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THX	-1.00000
1841	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THY	-1.00000
1841	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THZ	-1.00000
1841	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	U	-1.00000
1840	0	0	THY	-1.00000
1841	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	V	-1.00000
1840	0	0	THX	1.00000
1841	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	W	-1.00000
1866	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THX	-1.00000
1866	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THY	-1.00000
1866	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THZ	-1.00000
1866	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	U	-1.00000
1865	0	0	THY	-1.00000
1866	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	V	-1.00000
1865	0	0	THX	1.00000
1866	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	W	-1.00000
1878	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THX	-1.00000
1878	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THY	-1.00000
1878	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THZ	-1.00000
1878	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	U	-1.00000
1877	0	0	THY	-1.00000
1878	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	V	-1.00000
1877	0	0	THX	1.00000
1878	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	W	-1.00000
1897	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THX	-1.00000
1897	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1896 0 0 THY -1.00000  
1897 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1896 0 0 THZ -1.00000  
1897 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1896 0 0 U -1.00000  
1896 0 0 THY -1.00000  
1897 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 166 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1896 0 0 V -1.00000  
1896 0 0 THX 1.00000  
1897 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 168 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1908 0 0 W -1.00000  
1909 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1908 0 0 THX -1.00000  
1909 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1908 0 0 THY -1.00000  
1909 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1908 0 0 THZ -1.00000  
1909 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1908 0 0 U -1.00000  
1908 0 0 THY -1.00000  
1909 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 168 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1908 0 0 V -1.00000  
1908 0 0 THX 1.00000  
1909 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 169 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1933 0 0 W -1.00000  
1934 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1933 0 0 THX -1.00000  
1934 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THY	-1.00000
1934	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THZ	-1.00000
1934	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	U	-1.00000
1933	0	0	THY	-1.00000
1934	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	V	-1.00000
1933	0	0	THX	1.00000
1934	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	W	-1.00000
1946	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THX	-1.00000
1946	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THY	-1.00000
1946	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THZ	-1.00000
1946	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	U	-1.00000
1945	0	0	THY	-1.00000
1946	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	V	-1.00000
1945	0	0	THX	1.00000
1946	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	W	1.00000
1966	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THX	1.00000
1966	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THY	1.00000
1966	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THZ	1.00000
1966	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	W	-1.00000
1967	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THX	-1.00000
1967	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THY	-1.00000
1967	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THZ	-1.00000
1967	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	U	0.666667
1966	0	0	U	-0.666667
1966	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	V	0.666667
1966	0	0	V	-0.666667
1966	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	U	-1.00000
1966	0	0	THY	-1.00000
1967	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	V	-1.00000
1966	0	0	THX	1.00000
1967	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	W	1.00000
1982	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THX	1.00000
1982	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THY	1.00000
1982	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THZ	1.00000
1982	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	W	-1.00000
1983	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THX	-1.00000
1983	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THY	-1.00000
1983	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THZ	-1.00000
1983	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	U	0.666667
1982	0	0	U	-0.666667
1982	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	V	0.666667
1982	0	0	V	-0.666667
1982	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	U	-1.00000
1982	0	0	THY	-1.00000
1983	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1982	0	0	V	-1.00000
1982	0	0	THX	1.00000
1983	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	W	-1.00000
2002	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THX	-1.00000
2002	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THY	-1.00000
2002	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THZ	-1.00000
2002	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	U	-1.00000
2001	0	0	THY	-1.00000
2002	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	V	-1.00000
2001	0	0	THX	1.00000
2002	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	W	-1.00000
2014	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THX	-1.00000
2014	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THY	-1.00000
2014	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THZ	-1.00000
2014	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	U	-1.00000
2013	0	0	THY	-1.00000
2014	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	V	-1.00000
2013	0	0	THX	1.00000
2014	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	W	-1.00000
2039	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THX	-1.00000
2039	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THY	-1.00000
2039	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THZ	-1.00000
2039	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	U	-1.00000
2038	0	0	THY	-1.00000
2039	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	V	-1.00000
2038	0	0	THX	1.00000
2039	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	W	-1.00000
2051	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THX	-1.00000
2051	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THY	-1.00000
2051	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THZ	-1.00000
2051	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	U	-1.00000
2050	0	0	THY	-1.00000
2051	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	V	-1.00000
2050	0	0	THX	1.00000
2051	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	W	-1.00000
2070	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THX	-1.00000
2070	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THY	-1.00000
2070	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THZ	-1.00000
2070	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	U	-1.00000
2069	0	0	THY	-1.00000
2070	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	V	-1.00000
2069	0	0	THX	1.00000
2070	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	W	-1.00000
2082	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THX	-1.00000
2082	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THY	-1.00000
2082	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THZ	-1.00000
2082	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	U	-1.00000
2081	0	0	THY	-1.00000
2082	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	V	-1.00000
2081	0	0	THX	1.00000
2082	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	W	-1.00000
2107	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THX	-1.00000
2107	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THY	-1.00000
2107	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THZ	-1.00000
2107	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	U	-1.00000
2106	0	0	THY	-1.00000
2107	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	V	-1.00000
2106	0	0	THX	1.00000
2107	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	W	-1.00000
2119	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THX	-1.00000
2119	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2118 0 0 THY -1.00000  
2119 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THZ	-1.00000
2119	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	U	-1.00000
2118	0	0	THY	-1.00000
2119	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	V	-1.00000
2118	0	0	THX	1.00000
2119	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	W	-1.00000
2138	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THX	-1.00000
2138	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THY	-1.00000
2138	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THZ	-1.00000
2138	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	U	-1.00000
2137	0	0	THY	-1.00000
2138	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	V	-1.00000
2137	0	0	THX	1.00000
2138	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	W	-1.00000
2150	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THX	-1.00000
2150	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THY	-1.00000
2150	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THZ	-1.00000
2150	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	U	-1.00000
2149	0	0	THY	-1.00000
2150	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	V	-1.00000
2149	0	0	THX	1.00000
2150	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	W	-1.00000
2169	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THX	-1.00000
2169	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THY	-1.00000
2169	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THZ	-1.00000
2169	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	U	-1.00000
2168	0	0	THY	-1.00000
2169	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	V	-1.00000
2168	0	0	THX	1.00000
2169	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	W	-1.00000
2181	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THX	-1.00000
2181	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THY	-1.00000
2181	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THZ	-1.00000
2181	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	U	-1.00000
2180	0	0	THY	-1.00000
2181	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	V	-1.00000
2180	0	0	THX	1.00000
2181	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	W	-1.00000
2206	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THX	-1.00000
2206	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THY	-1.00000
2206	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THZ	-1.00000
2206	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	U	-1.00000
2205	0	0	THY	-1.00000
2206	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	V	-1.00000
2205	0	0	THX	1.00000
2206	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 195 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 W -1.00000  
2218 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 THX -1.00000  
2218 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 THY -1.00000  
2218 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 THZ -1.00000  
2218 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 U -1.00000  
2217 0 0 THY -1.00000  
2218 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 195 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2217 0 0 V -1.00000  
2217 0 0 THX 1.00000  
2218 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 196 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 W -1.00000  
2237 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 THX -1.00000  
2237 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 THY -1.00000  
2237 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 THZ -1.00000  
2237 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 U -1.00000  
2236 0 0 THY -1.00000  
2237 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 196 CONSTANT = 0.000000E+00

FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE

2236 0 0 V -1.00000  
2236 0 0 THX 1.00000  
2237 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 W -1.00000  
2249 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 THX -1.00000  
2249 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 THY -1.00000  
2249 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 THZ -1.00000  
2249 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 U -1.00000  
2248 0 0 THY -1.00000  
2249 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 V -1.00000  
2248 0 0 THX 1.00000  
2249 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 W -1.00000  
2274 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 THX -1.00000  
2274 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 THY -1.00000  
2274 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 THZ -1.00000  
2274 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 U -1.00000  
2273 0 0 THY -1.00000  
2274 0 0 U 1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	V	-1.00000
2273	0	0	THX	1.00000
2274	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	W	-1.00000
2286	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THX	-1.00000
2286	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THY	-1.00000
2286	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THZ	-1.00000
2286	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	U	-1.00000
2285	0	0	THY	-1.00000
2286	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	V	-1.00000
2285	0	0	THX	1.00000
2286	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	W	1.00000
2306	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THX	1.00000
2306	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THY	1.00000
2306	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THZ	1.00000
2306	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	W	-1.00000
2307	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THX	-1.00000
2307	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THY	-1.00000
2307	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THZ	-1.00000
2307	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	U	0.666667
2306	0	0	U	-0.666667
2306	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	V	0.666667
2306	0	0	V	-0.666667
2306	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	U	-1.00000
2306	0	0	THY	-1.00000
2307	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	V	-1.00000
2306	0	0	THX	1.00000
2307	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	W	1.00000
2322	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THX	1.00000
2322	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THY	1.00000
2322	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THZ	1.00000
2322	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	W	-1.00000
2323	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THX	-1.00000
2323	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THY	-1.00000
2323	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THZ	-1.00000
2323	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	U	0.666667
2322	0	0	U	-0.666667
2322	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	V	0.666667
2322	0	0	V	-0.666667
2322	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	U	-1.00000
2322	0	0	THY	-1.00000
2323	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	V	-1.00000
2322	0	0	THX	1.00000
2323	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	W	-1.00000
2342	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	THX	-1.00000
2342	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2341 0 0 THY -1.00000  
2342 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2341 0 0 THZ -1.00000  
2342 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2341 0 0 U -1.00000  
2341 0 0 THY -1.00000  
2342 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 205 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2341 0 0 V -1.00000  
2341 0 0 THX 1.00000  
2342 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 W -1.00000  
2354 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 THX -1.00000  
2354 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 THY -1.00000  
2354 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 THZ -1.00000  
2354 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 U -1.00000  
2353 0 0 THY -1.00000  
2354 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 V -1.00000  
2353 0 0 THX 1.00000  
2354 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 208 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2384 0 0 W -1.00000  
2385 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2384 0 0 THX -1.00000  
2385 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THY	-1.00000
2385	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THZ	-1.00000
2385	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	U	-1.00000
2384	0	0	THY	-1.00000
2385	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	V	-1.00000
2384	0	0	THX	1.00000
2385	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	W	-1.00000
2397	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THX	-1.00000
2397	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THY	-1.00000
2397	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THZ	-1.00000
2397	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	U	-1.00000
2396	0	0	THY	-1.00000
2397	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	V	-1.00000
2396	0	0	THX	1.00000
2397	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	W	-1.00000
2416	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THX	-1.00000
2416	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THY	-1.00000
2416	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THZ	-1.00000
2416	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	U	-1.00000
2415	0	0	THY	-1.00000
2416	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	V	-1.00000
2415	0	0	THX	1.00000
2416	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	W	-1.00000
2428	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THX	-1.00000
2428	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THY	-1.00000
2428	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THZ	-1.00000
2428	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	U	-1.00000
2427	0	0	THY	-1.00000
2428	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	V	-1.00000
2427	0	0	THX	1.00000
2428	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	W	-1.00000
2453	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	THX	-1.00000
2453	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	THY	-1.00000
2453	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	THZ	-1.00000
2453	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	U	-1.00000
2452	0	0	THY	-1.00000
2453	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	V	-1.00000
2452	0	0	THX	1.00000
2453	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	W	-1.00000
2465	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THX	-1.00000
2465	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THY	-1.00000
2465	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THZ	-1.00000
2465	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	U	-1.00000
2464	0	0	THY	-1.00000
2465	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2464	0	0	V	-1.00000
2464	0	0	THX	1.00000
2465	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	W	-1.00000
2484	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	THX	-1.00000
2484	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	THY	-1.00000
2484	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	THZ	-1.00000
2484	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	U	-1.00000
2483	0	0	THY	-1.00000
2484	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	V	-1.00000
2483	0	0	THX	1.00000
2484	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	W	-1.00000
2496	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THX	-1.00000
2496	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THY	-1.00000
2496	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THZ	-1.00000
2496	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	U	-1.00000
2495	0	0	THY	-1.00000
2496	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	V	-1.00000
2495	0	0	THX	1.00000
2496	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	W	-1.00000
2515	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THX	-1.00000
2515	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THY	-1.00000
2515	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THZ	-1.00000
2515	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	U	-1.00000
2514	0	0	THY	-1.00000
2515	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	V	-1.00000
2514	0	0	THX	1.00000
2515	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	W	-1.00000
2527	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THX	-1.00000
2527	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THY	-1.00000
2527	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THZ	-1.00000
2527	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	U	-1.00000
2526	0	0	THY	-1.00000
2527	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	V	-1.00000
2526	0	0	THX	1.00000
2527	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	W	-1.00000
2552	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THX	-1.00000
2552	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THY	-1.00000
2552	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THZ	-1.00000
2552	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	U	-1.00000
2551	0	0	THY	-1.00000
2552	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	V	-1.00000
2551	0	0	THX	1.00000
2552	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	W	-1.00000
2564	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THX	-1.00000
2564	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THY	-1.00000
2564	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THZ	-1.00000
2564	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	U	-1.00000
2563	0	0	THY	-1.00000
2564	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	V	-1.00000
2563	0	0	THX	1.00000
2564	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	W	-1.00000
2583	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THX	-1.00000
2583	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THY	-1.00000
2583	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THZ	-1.00000
2583	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	U	-1.00000
2582	0	0	THY	-1.00000
2583	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	V	-1.00000
2582	0	0	THX	1.00000
2583	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	W	-1.00000
2595	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THX	-1.00000
2595	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2594 0 0 THY -1.00000  
2595 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2594 0 0 THZ -1.00000  
2595 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2594 0 0 U -1.00000  
2594 0 0 THY -1.00000  
2595 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 228 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2594 0 0 V -1.00000  
2594 0 0 THX 1.00000  
2595 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 229 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2631 0 0 W -1.00000  
2632 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2631 0 0 THX -1.00000  
2632 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2631 0 0 THY -1.00000  
2632 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2631 0 0 THZ -1.00000  
2632 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2631 0 0 U -1.00000  
2631 0 0 THY -1.00000  
2632 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 229 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2631 0 0 V -1.00000  
2631 0 0 THX 1.00000  
2632 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 231 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2643 0 0 W -1.00000  
2644 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2643 0 0 THX -1.00000  
2644 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THY	-1.00000
2644	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THZ	-1.00000
2644	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	U	-1.00000
2643	0	0	THY	-1.00000
2644	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	V	-1.00000
2643	0	0	THX	1.00000
2644	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	W	1.00000
2664	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THX	1.00000
2664	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THY	1.00000
2664	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THZ	1.00000
2664	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	W	-1.00000
2665	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THX	-1.00000
2665	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THY	-1.00000
2665	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THZ	-1.00000
2665	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	U	0.666667
2664	0	0	U	-0.666667
2664	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	V	0.666667
2664	0	0	V	-0.666667
2664	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	U	-1.00000
2664	0	0	THY	-1.00000
2665	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	V	-1.00000
2664	0	0	THX	1.00000
2665	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	W	1.00000
2680	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THX	1.00000
2680	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THY	1.00000
2680	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THZ	1.00000
2680	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	W	-1.00000
2681	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	THX	-1.00000
2681	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2680	0	0	THY	-1.00000
2681	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2680	0	0	THZ	-1.00000
2681	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
53	0	0	U	0.666667
2680	0	0	U	-0.666667
2680	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
53	0	0	V	0.666667
2680	0	0	V	-0.666667
2680	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2680	0	0	U	-1.00000
2680	0	0	THY	-1.00000
2681	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2680	0	0	V	-1.00000
2680	0	0	THX	1.00000
2681	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2699	0	0	W	-1.00000
2700	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2699	0	0	THX	-1.00000
2700	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2699	0	0	THY	-1.00000
2700	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2699	0	0	THZ	-1.00000
2700	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2699	0	0	U	-1.00000
2699	0	0	THY	-1.00000
2700	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	

2699	0	0	V	-1.00000
2699	0	0	THX	1.00000
2700	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	W	-1.00000
2712	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THX	-1.00000
2712	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THY	-1.00000
2712	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THZ	-1.00000
2712	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	U	-1.00000
2711	0	0	THY	-1.00000
2712	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	V	-1.00000
2711	0	0	THX	1.00000
2712	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	W	-1.00000
2737	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THX	-1.00000
2737	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THY	-1.00000
2737	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THZ	-1.00000
2737	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	U	-1.00000
2736	0	0	THY	-1.00000
2737	0	0	U	1.00000



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	V	-1.00000
2736	0	0	THX	1.00000
2737	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	W	-1.00000
2749	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THX	-1.00000
2749	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THY	-1.00000
2749	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THZ	-1.00000
2749	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	U	-1.00000
2748	0	0	THY	-1.00000
2749	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	V	-1.00000
2748	0	0	THX	1.00000
2749	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	W	-1.00000
2768	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THX	-1.00000
2768	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THY	-1.00000
2768	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THZ	-1.00000
2768	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	U	-1.00000
2767	0	0	THY	-1.00000
2768	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	V	-1.00000
2767	0	0	THX	1.00000
2768	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	W	-1.00000
2780	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THX	-1.00000
2780	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THY	-1.00000
2780	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THZ	-1.00000
2780	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	U	-1.00000
2779	0	0	THY	-1.00000
2780	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	V	-1.00000
2779	0	0	THX	1.00000
2780	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	W	-1.00000
2805	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THX	-1.00000
2805	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THY	-1.00000
2805	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THZ	-1.00000
2805	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	U	-1.00000
2804	0	0	THY	-1.00000
2805	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	V	-1.00000
2804	0	0	THX	1.00000
2805	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	W	-1.00000
2817	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THX	-1.00000
2817	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THY	-1.00000
2817	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THZ	-1.00000
2817	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	U	-1.00000
2816	0	0	THY	-1.00000
2817	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	V	-1.00000
2816	0	0	THX	1.00000
2817	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	W	-1.00000
2836	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THX	-1.00000
2836	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2835 0 0 THY -1.00000  
2836 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THZ	-1.00000
2836	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	U	-1.00000
2835	0	0	THY	-1.00000
2836	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	V	-1.00000
2835	0	0	THX	1.00000
2836	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	W	-1.00000
2848	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	THX	-1.00000
2848	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	THY	-1.00000
2848	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	THZ	-1.00000
2848	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	U	-1.00000
2847	0	0	THY	-1.00000
2848	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	V	-1.00000
2847	0	0	THX	1.00000
2848	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	W	-1.00000
2873	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THX	-1.00000
2873	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THY	-1.00000
2873	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THZ	-1.00000
2873	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	U	-1.00000
2872	0	0	THY	-1.00000
2873	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	V	-1.00000
2872	0	0	THX	1.00000
2873	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	W	-1.00000
2885	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THX	-1.00000
2885	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THY	-1.00000
2885	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THZ	-1.00000
2885	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	U	-1.00000
2884	0	0	THY	-1.00000
2885	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	V	-1.00000
2884	0	0	THX	1.00000
2885	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	W	1.00000
2905	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	W	-1.00000
2906	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THX	-1.00000
2906	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THY	-1.00000
2906	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THZ	-1.00000
2906	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	U	0.666667
2905	0	0	U	-0.666667
2905	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	V	0.666667
2905	0	0	V	-0.666667
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	U	-1.00000
2905	0	0	THY	-1.00000
2906	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	V	-1.00000
2905	0	0	THX	1.00000
2906	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	W	1.00000
2921	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THX	1.00000
2921	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THY	1.00000
2921	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THZ	1.00000
2921	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	W	-1.00000
2922	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THX	-1.00000
2922	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THY	-1.00000
2922	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THZ	-1.00000
2922	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	U	0.666667
2921	0	0	U	-0.666667
2921	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	V	0.666667
2921	0	0	V	-0.666667
2921	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	U	-1.00000
2921	0	0	THY	-1.00000
2922	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2921	0	0	V	-1.00000
2921	0	0	THX	1.00000
2922	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	V	1.00000
3	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THX	1.00000
3	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THY	1.00000
3	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THZ	1.00000
3	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	V	-1.00000
6	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THX	-1.00000
6	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THY	-1.00000
6	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THZ	-1.00000
6	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	U	0.285714
3	0	0	U	-0.285714
3	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	W	0.285714
3	0	0	W	-0.285714
3	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	U	-0.285714
3	0	0	THZ	1.00000
6	0	0	U	0.285714



TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	W	-0.285714
3	0	0	THX	-1.000000
6	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	V	1.000000
9	0	0	V	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THX	1.000000
9	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THY	1.000000
9	0	0	THY	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THZ	1.000000
9	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	V	-1.000000
12	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THX	-1.000000
12	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THY	-1.000000
12	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THZ	-1.000000
12	0	0	THZ	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	U	0.285714
9	0	0	U	-0.285714
9	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	W	0.285714
9	0	0	W	-0.285714
9	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	U	-0.285714
9	0	0	THZ	1.00000
12	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	W	-0.285714
9	0	0	THX	-1.00000
12	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	V	1.00000
15	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THX	1.00000
15	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THY	1.00000
15	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THZ	1.00000
15	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	V	-1.00000
18	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THX	-1.00000
18	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THY	-1.00000
18	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THZ	-1.00000
18	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	U	0.285714
15	0	0	U	-0.285714
15	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
13	0	0	W	0.285714
15	0	0	W	-0.285714
15	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	U	-0.285714
15	0	0	THZ	1.00000
18	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	W	-0.285714
15	0	0	THX	-1.00000
18	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	V	1.00000
22	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THX	1.00000
22	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THY	1.00000
22	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THZ	1.00000
22	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	V	-1.00000
24	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THX	-1.00000
24	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THY	-1.00000
24	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THZ	-1.00000
24	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	U	0.285714
22	0	0	U	-0.285714

22 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
19 0 0 W 0.285714  
22 0 0 W -0.285714  
22 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
22 0 0 U -0.285714  
22 0 0 THZ 1.00000  
24 0 0 U 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
22 0 0 W -0.285714  
22 0 0 THX -1.00000  
24 0 0 W 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
25 0 0 V 1.00000  
28 0 0 V -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
25 0 0 THX 1.00000  
28 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
25 0 0 THY 1.00000  
28 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
25 0 0 THZ 1.00000  
28 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
28 0 0 V -1.00000  
29 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
28 0 0 THX -1.00000  
29 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
28 0 0 THY -1.00000  
29 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
28 0 0 THZ -1.00000  
29 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	U	0.285714
28	0	0	U	-0.285714
28	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	W	0.285714
28	0	0	W	-0.285714
28	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	U	-0.285714
28	0	0	THZ	1.00000
29	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	W	-0.285714
28	0	0	THX	-1.00000
29	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	V	1.00000
33	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THX	1.00000
33	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THY	1.00000
33	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THZ	1.00000
33	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	V	-1.00000
36	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THX	-1.00000
36	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THY	-1.00000
36	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THZ	-1.00000
36	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	U	0.285714
33	0	0	U	-0.285714
33	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	W	0.285714
33	0	0	W	-0.285714
33	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	U	-0.285714
33	0	0	THZ	1.00000
36	0	0	U	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	W	-0.285714
33	0	0	THX	-1.00000
36	0	0	W	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	V	1.00000
40	0	0	V	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THX	1.00000
40	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THY	1.00000
40	0	0	THY	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THZ	1.00000
40	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	V	-1.00000
42	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THX	-1.00000
42	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
---------------	--------------	--------------	-----------------	-------------

NODE	NODE	RNCE	TYPE	
40	0	0	THY	-1.00000
42	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THZ	-1.00000
42	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	U	0.285714
40	0	0	U	-0.285714
40	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	W	0.285714
40	0	0	W	-0.285714
40	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	U	-0.285714
40	0	0	THZ	1.00000
42	0	0	U	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	W	-0.285714
40	0	0	THX	-1.00000
42	0	0	W	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	V	1.00000
45	0	0	V	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THX	1.00000
45	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THY	1.00000
45	0	0	THY	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THZ	1.00000
45	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	V	-1.00000
47	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	THX	-1.00000

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47      0      0      THX      1.00000
TOTAL NUMBER OF COEFFICIENTS =      2

EQUATION      263      CONSTANT =      0.000000E+00

FIRST      LAST      DIFF      FREEDOM      COEFFICIENT
NODE      NODE      RNCE      TYPE
45      0      0      THY      -1.00000
47      0      0      THY      1.00000
TOTAL NUMBER OF COEFFICIENTS =      2

EQUATION      263      CONSTANT =      0.000000E+00

FIRST      LAST      DIFF      FREEDOM      COEFFICIENT
NODE      NODE      RNCE      TYPE
45      0      0      THZ      -1.00000
47      0      0      THZ      1.00000
TOTAL NUMBER OF COEFFICIENTS =      2

EQUATION      263      CONSTANT =      0.000000E+00

FIRST      LAST      DIFF      FREEDOM      COEFFICIENT
NODE      NODE      RNCE      TYPE
43      0      0      U      0.285714
45      0      0      U      -0.285714
45      0      0      THZ      -1.00000
TOTAL NUMBER OF COEFFICIENTS =      3

EQUATION      263      CONSTANT =      0.000000E+00

FIRST      LAST      DIFF      FREEDOM      COEFFICIENT
NODE      NODE      RNCE      TYPE
43      0      0      W      0.285714
45      0      0      W      -0.285714
45      0      0      THX      1.00000
TOTAL NUMBER OF COEFFICIENTS =      3

EQUATION      263      CONSTANT =      0.000000E+00

FIRST      LAST      DIFF      FREEDOM      COEFFICIENT
NODE      NODE      RNCE      TYPE
45      0      0      U      -0.285714
45      0      0      THZ      1.00000
47      0      0      U      0.285714
TOTAL NUMBER OF COEFFICIENTS =      3

EQUATION      263      CONSTANT =      0.000000E+00

FIRST      LAST      DIFF      FREEDOM      COEFFICIENT
NODE      NODE      RNCE      TYPE
45      0      0      W      -0.285714
45      0      0      THX      -1.00000
47      0      0      W      0.285714
TOTAL NUMBER OF COEFFICIENTS =      3

EQUATION      264      CONSTANT =      0.000000E+00

FIRST      LAST      DIFF      FREEDOM      COEFFICIENT
NODE      NODE      RNCE      TYPE
56      0      0      V      1.00000
58      0      0      V      -1.00000
TOTAL NUMBER OF COEFFICIENTS =      2

EQUATION      264      CONSTANT =      0.000000E+00

FIRST      LAST      DIFF      FREEDOM      COEFFICIENT
NODE      NODE      RNCE      TYPE
56      0      0      THX      1.00000
58      0      0      THX      -1.00000
TOTAL NUMBER OF COEFFICIENTS =      2

EQUATION      264      CONSTANT =      0.000000E+00

FIRST      LAST      DIFF      FREEDOM      COEFFICIENT
NODE      NODE      RNCE      TYPE
56      0      0      THY      1.00000
58      0      0      THY      -1.00000
TOTAL NUMBER OF COEFFICIENTS =      2

EQUATION      264      CONSTANT =      0.000000E+00

FIRST      LAST      DIFF      FREEDOM      COEFFICIENT
NODE      NODE      RNCE      TYPE
56      0      0      THZ      1.00000
58      0      0      THZ      -1.00000
TOTAL NUMBER OF COEFFICIENTS =      2

EQUATION      264      CONSTANT =      0.000000E+00

FIRST      LAST      DIFF      FREEDOM      COEFFICIENT
NODE      NODE      RNCE      TYPE
58      0      0      V      -1.00000
59      0      0      V      1.00000
TOTAL NUMBER OF COEFFICIENTS =      2

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EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	THX	-1.00000
59	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	THY	-1.00000
59	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	THZ	-1.00000
59	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	U	0.285714
58	0	0	U	-0.285714
58	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	W	0.285714
58	0	0	W	-0.285714
58	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	U	-0.285714
58	0	0	THZ	1.00000
59	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	W	-0.285714
58	0	0	THX	-1.00000
59	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	V	1.00000
52	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THX	1.00000
52	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THY	1.00000
52	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THZ	1.00000
52	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



CONSTANT				CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT				
OR				OR	OR	OR	OR	OR	OR				
PRESCRIBED				PRESCRIBED	PRESCRIBED	PRESCRIBED	PRESCRIBED	PRESCRIBED	PRESCRIBED				
VALUE				VALUE	VALUE	VALUE	VALUE	VALUE	VALUE				
				FREEDOM	U	FREEDOM	V	FREEDOM	W	FREEDOM	THX	FREEDOM	THY
FREEDOM THZ													
4	16	6	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													
21	27	6	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													
34	39	5	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													
46	51	5	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													
57	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				=	10								
LARGEST NODE NUMBER				=	57								
DATA STORAGE LOCATIONS USED				=	180								

L O A D C A S E 4

Gsh

TMPE LOAD INPUT

NUMBER OF VALUES = 8 START LOCATION = 1

ELEMENT	NODE	VALUE 1	VALUE 2	VALUE 3	VALUE 4	VALUE 5	VALUE 6	VALUE 7
37	10173	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
37	10194	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
38	68	-10.2613	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
38	10461	-10.2613	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
39	10179	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
39	10210	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
48	10194	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
48	10218	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
49	68	-10.2613	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
49	10464	-10.2613	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
50	10210	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
50	10220	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
57	10218	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
57	10229	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
58	90	-10.2613	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
58	10464	-10.2613	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
59	10220	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
59	10241	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
68	10229	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
68	10249	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
69	90	-10.2613	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
69	10467	-10.2613	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
70	10241	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
70	10251	-11.9644	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
71	10249	-11.2265	0.000000E+00	0.000000E+00	-7.42465	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
71	10255	-11.2265	0.000000E+00	0.000000E+00	-7.42465	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
72	10467	-10.2613	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
72	10468	-10.2613	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
73	10251	-11.2265	0.000000E+00	0.000000E+00	-7.42465	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
73	10257	-11.2265	0.000000E+00	0.000000E+00	-7.42465	0.000000E+00	0.000000E+00	0.000000E+00
		0.000000E+00						
80	10255	-11.2265	0.000000E+00	0.000000E+00	-7.42465	0.000000E+00	0.000000E+00	0.000000E+00











































1809	286	-10.2613 0.000000E+00	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
1809	2949	-10.2613 0.000000E+00	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
1810	2864	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1810	2885	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1819	2873	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1819	2893	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1820	289	-10.2613 0.000000E+00	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
1820	2949	-10.2613 0.000000E+00	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
1821	2885	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1821	2895	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1828	2893	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1828	2906	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1829	289	-10.2613 0.000000E+00	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
1829	2971	-10.2613 0.000000E+00	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
1830	2895	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1830	2922	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1839	2906	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1839	2934	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1840	292	-10.2613 0.000000E+00	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
1840	2971	-10.2613 0.000000E+00	0.000000E+00	0.000000E+00	-31.5108	0.000000E+00	0.000000E+00	0.000000E+00
1841	2922	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00
1841	2940	-11.9644 0.000000E+00	0.000000E+00	0.000000E+00	-7.68746	0.000000E+00	0.000000E+00	0.000000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 1050  
LARGEST NODE OR ELEMENT NUMBER = 10628

L O A D C A S E 11

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
4	0	0	-*-	-*-	-0.680000E-02	-*-	-*-	-*-

NUMBER OF LOADED NODES OR ELEMENTS = 1  
LARGEST NODE OR ELEMENT NUMBER = 4

L O A D C A S E 12

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
10	0	0	-*-	-*-	-0.830000E-02	-*-	-*-	-*-

NUMBER OF LOADED NODES OR ELEMENTS = 1  
LARGEST NODE OR ELEMENT NUMBER = 10

L O A D C A S E 13

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
16	0	0	-*-	-*-	-0.970000E-02	-*-	-*-	-*-
NUMBER OF LOADED NODES OR ELEMENTS				=	1			
LARGEST NODE OR ELEMENT NUMBER				=	16			

L O A D C A S E 14

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
21	0	0	-*-	-*-	-0.970000E-02	-*-	-*-	-*-
NUMBER OF LOADED NODES OR ELEMENTS				=	1			
LARGEST NODE OR ELEMENT NUMBER				=	21			

L O A D C A S E 15

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
27	0	0	-*-	-*-	-0.970000E-02	-*-	-*-	-*-
NUMBER OF LOADED NODES OR ELEMENTS				=	1			
LARGEST NODE OR ELEMENT NUMBER				=	27			

L O A D C A S E 16

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
---------------	--------------	------	---------	---------	---------	---------	---------	---------



34            0            0            \*-  
 NUMBER OF LOADED NODES OR ELEMENTS    =            1  
 LARGEST NODE OR ELEMENT NUMBER        =            34

L O A D   C A S E        17

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
39	0	0	*-	*-	-0.970000E-02	*-	*-	*-
			NUMBER OF LOADED NODES OR ELEMENTS	=	1			
			LARGEST NODE OR ELEMENT NUMBER	=	39			

L O A D   C A S E        18

Gsettl\_P15

TPDSP LOAD INPUT

NUMBER OF VALUES = 6        START LOCATION = 1

FIRST NODE	LAST NODE	DIFF	VALUE 1	VALUE 2	VALUE 3	VALUE 4	VALUE 5	VALUE 6
46	0	0	*-	*-	-0.970000E-02	*-	*-	*-
			NUMBER OF LOADED NODES OR ELEMENTS	=	1			
			LARGEST NODE OR ELEMENT NUMBER	=	46			

L O A D   C A S E        19

Gsettl\_P16

TPDSP LOAD INPUT

NUMBER OF VALUES = 6        START LOCATION = 1

FIRST NODE	LAST NODE	DIFF	VALUE 1	VALUE 2	VALUE 3	VALUE 4	VALUE 5	VALUE 6
51	0	0	*-	*-	-0.830000E-02	*-	*-	*-
			NUMBER OF LOADED NODES OR ELEMENTS	=	1			
			LARGEST NODE OR ELEMENT NUMBER	=	51			

L O A D   C A S E        20

Gsettl\_S2

TPDSP LOAD INPUT

NUMBER OF VALUES = 6      START LOCATION = 1

FIRST NODE	LAST NODE	DIFF	VALUE 1	VALUE 2	VALUE 3	VALUE 4	VALUE 5	VALUE 6
57	0	0	-*-	-*-	-0.680000E-02	-*-	-*-	-*-
NUMBER OF LOADED NODES OR ELEMENTS				=	1			
LARGEST NODE OR ELEMENT NUMBER				=	57			

DATA STORAGE LOCATIONS USED = 12745

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	2017	1	0	0	0	0	0
TOTAL NUMBER OF ELEMENT OUTPUT SETS				=	1		
TOTAL NUMBER OF ELEMENTS OUTPUT				=	2017		
LARGEST ELEMENT NUMBER INPUT				=	2017		
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	3331	1	0	0
3743	3754	1	0	0
8152	8154	2	0	0
8155	8159	1	0	0
8161	8164	1	0	0
8166	8172	1	0	0
8180	8182	2	0	0
8183	8187	1	0	0
8189	8192	1	0	0
8194	8195	1	0	0
8198	8201	3	0	0
8205	8206	1	0	0
8211	8214	3	0	0
8215	8218	3	0	0
8219	8223	4	0	0
8225	8226	1	0	0
8228	8229	1	0	0
8231	8232	1	0	0
8234	8238	4	0	0
8249	8264	15	0	0
8296	8302	6	0	0
8318	8321	3	0	0
8470	8471	1	0	0
8477	8478	1	0	0
8481	8482	1	0	0
8485	8486	1	0	0
8489	8490	1	0	0
8509	8510	1	0	0
8513	8514	1	0	0
8517	8518	1	0	0
8521	8524	3	0	0
8525	8528	3	0	0
8529	8532	3	0	0
8533	8549	16	0	0
8550	8553	3	0	0
8554	8557	3	0	0
8558	8697	139	0	0
8750	8776	26	0	0
8779	8794	15	0	0
8804	8827	23	0	0
8830	8833	3	0	0
8967	8976	3	0	0
8978	8985	7	0	0
8987	8992	5	0	0
8996	9002	2	0	0
9009	9018	3	0	0
9024	9030	2	0	0
9033	9041	4	0	0
9043	9048	5	0	0
9062	9074	3	0	0
9081	9089	2	0	0
9096	9106	2	0	0
9226	9236	2	0	0

9241	9245	2	0	0
9248	9254	3	0	0
9256	9260	4	0	0
9269	9278	3	0	0
9283	9291	2	0	0
9295	9299	4	0	0
9302	9308	3	0	0
9315	9327	3	0	0
9333	9974	641	0	0
9976	9977	1	0	0
9980	9981	1	0	0
9983	9984	1	0	0
9986	9987	1	0	0
9989	9991	2	0	0
9992	10004	1	0	0
10006	10019	1	0	0
10021	10035	1	0	0
10038	10040	2	0	0
10041	10053	1	0	0
10055	10068	1	0	0
10070	10084	1	0	0
10087	10088	1	0	0
10090	10091	1	0	0
10093	10094	1	0	0
10096	10097	1	0	0
10100	10110	1	0	0
10112	10122	1	0	0
10124	10134	1	0	0
10136	10138	2	0	0
10139	10151	1	0	0
10153	10166	1	0	0
10168	10169	1	0	0
10171	10173	2	0	0
10179	10183	2	0	0
10187	10189	2	0	0
10193	10194	1	0	0
10209	10210	1	0	0
10212	10214	2	0	0
10218	10220	2	0	0
10224	10228	2	0	0
10229	10240	11	0	0
10241	10245	2	0	0
10249	10251	2	0	0
10255	10257	2	0	0
10261	10265	2	0	0
10266	10277	11	0	0
10278	10282	2	0	0
10286	10288	2	0	0
10292	10296	2	0	0
10297	10308	11	0	0
10309	10313	2	0	0
10317	10319	2	0	0
10323	10325	2	0	0
10329	10333	2	0	0
10334	10345	11	0	0
10346	10350	2	0	0
10354	10356	2	0	0
10360	10364	2	0	0
10365	10376	11	0	0
10377	10381	2	0	0
10385	10387	2	0	0
10391	10393	2	0	0
10397	10401	2	0	0
10402	10413	11	0	0
10414	10418	2	0	0
10422	10424	2	0	0
10428	10430	2	0	0
10434	10435	1	0	0
10450	10451	1	0	0
10453	10455	2	0	0
10459	10461	2	0	0
10464	10467	3	0	0
10468	10474	3	0	0
10475	10481	3	0	0
10482	10491	3	0	0
10492	10498	3	0	0
10499	10508	3	0	0
10509	10515	3	0	0
10516	10525	3	0	0
10526	10532	3	0	0
10533	10542	3	0	0
10543	10549	3	0	0
10550	10559	3	0	0
10560	10566	3	0	0
10567	10576	3	0	0
10577	10583	3	0	0
10584	10593	3	0	0
10594	10600	3	0	0
10601	10610	3	0	0
10611	10617	3	0	0
10618	10627	3	0	0
10628	0	0	0	0

TOTAL NUMBER OF NODE OUTPUT SETS	=	145
TOTAL NUMBER OF NODES OUTPUT	=	0
LARGEST NODE NUMBER INPUT	=	10628
LARGEST NODE OUTPUT CONTROL NUMBER	=	0
LARGEST NODE HISTORY CONTROL NUMBER	=	0
DATA STORAGE LOCATIONS USED	=	0



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
LOAD CASE	17					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE	18					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE	19					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE	20					
TOTALS FOR						
STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2243

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.600000E-02 SEC.  
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 112110

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 10365803  
LOCATIONS AVAILABLE = 150000000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 10248  
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 10248  
TOTAL NO. OF EQUATIONS = 11508  
TOTAL NO. OF ACTIVE NODES = 1708

NUMBER OF ELEMENT GROUPS = 2  
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1902

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 2128213  
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 5713760  
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0  
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 1899982  
TOTAL SIZE OF ELEMENT DATA RECORDS = 2234574  
TOTAL SIZE OF ELEMENT RESULT RECORDS = 5831680  
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0  
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 68528  
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 306259

TIME FOR PRE-SOLUTION PROCESS = 0.370000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:27:09 ON 22/06/23 (DAY/MTH/YR)

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

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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 = 198069  
Number of iterative refinement steps = 4  
Number of positive eigenvalues = 10188  
Number of negative eigenvalues = 1260  
Peak memory used during analysis and  
symbolic factorisation (MB) = 7.47  
Total peak memory used during solve (MB) = 11.78  
In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	1	=	0.29554E-23
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	2	=	0.13938E-24
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	3	=	0.90552E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	4	=	0.84581E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	5	=	0.87306E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	6	=	0.65680E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	7	=	0.87654E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	8	=	0.65689E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	9	=	0.85498E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	10	=	0.94709E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION	11	=	0.12106E-24

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

LOCATIONS USED DURING POST-SOLUTION PROCESS = 10560109  
LOCATIONS AVAILABLE = 150000000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 2017  
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 0  
 TIME FOR POST-SOLUTION PROCESS = 0.58600 SEC.  
 TOTAL CPU TIME USED FOR SOLUTION = 1.0070 SEC.  
 TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 1 SECS  
 TIME AT CENTRAL PROCESSOR = 10:27:10 ON 22/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit Name	Disk Page Size (Bytes)	Calls to I/O Routines	Buffered Transfers	Disk Accesses	Page Table Swaps	Peak File Size (Mbytes)
PROBLEM	16384	2652	8425	4272	0	55.01562
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	6	501	498	0	3.390625
PLOT	16384	22237	26770	4517	0	71.54688
RESTART	0	0	0	0	0	0.0000000E+00

\*\*\*LUSAS RUN SUCCESSFULLY COMPLETED\*\*\*

TIME AT CENTRAL PROCESSOR = 10:26:57 ON 22/06/23 (DAY/MTH/YR)

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

VBNAM            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

VBNAM            VALUE  
IDTIME           1  
NIDX            100000  
NLPZ            150000000

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  
LLLLLLLLL    UU    UU    SS    SS    AA    AA    SS    SS  
LLLLLLLLL    UUUUUU    SSSSSS    AA    AA    SSSSSS

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

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

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

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

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

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

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

D:\SynologyDrive\01\_lavoro\48\_037\_09\_23\_632\_418\_Due\_Viadotti\_Trevalli\_Esec\_Sintagma\_LF\03\_calcoli\VI02\_molino\_vecchio\LUSASFiles  
32\Molino\_Vecchio\_rev18\_g\Molino\_Vecchio\_rev18\_g~04\_Fase3.dat

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

Memory request for 1478Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:26:57 ON 22/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

- O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
- O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
- O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
- O P T I O N(S) 123 CLOCKWISE NODE NUMBERING
- O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
- O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
- O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
- O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
- O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
- O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
- O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT  
 O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY  
 O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES  
 O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS  
 O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)  
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3  
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER  
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
JSH4	ELEMENTS			
1	1	2	604	605
2	4	3	2678	2679
3	6	5	612	613
4	8	7	620	621
5	10	9	2903	2904
6	12	11	944	945
7	13	14	952	953
8	16	15	2911	2912
9	18	17	960	961
10	19	20	1284	1285
11	21	22	2919	2920
12	24	23	1292	1293
13	25	26	1300	1301
14	27	28	3743	3744
15	29	30	1624	1625
16	31	32	1632	1633
17	34	33	3745	3746
18	36	35	1640	1641
19	37	38	1964	1965
20	39	40	3747	3748
21	42	41	1972	1973
22	43	44	1980	1981
23	46	45	3749	3750
24	47	48	2304	2305
25	50	49	2312	2313
26	51	52	3751	3752
27	54	53	2320	2321
28	56	55	2662	2663
29	57	58	3753	3754
30	59	60	2670	2671
1933	2992	68	3162	3163
1934	2994	90	3164	3165
1935	2996	115	3166	3167
1936	2998	137	3168	3169
1937	3000	162	3170	3171
1938	3002	194	3172	3173
1939	3004	238	3174	3175
1940	3006	277	3176	3177
1941	3008	311	3178	3179
1942	3010	348	3180	3181
1943	3012	380	3182	3183
1944	3014	417	3184	3185
1945	3016	451	3186	3187
1946	3018	484	3188	3189
1947	3020	521	3190	3191
1948	3022	554	3192	3193
1949	3024	591	3194	3195
1950	3026	629	3196	3197
1951	3028	661	3198	3199
1952	3030	698	3200	3201
1953	3032	731	3202	3203
1954	3034	768	3204	3205
1955	3036	801	3206	3207
1956	3038	833	3208	3209
1957	3040	870	3210	3211
1958	3042	902	3212	3213
1959	3044	939	3214	3215
1960	3046	978	3216	3217
1961	3048	1011	3218	3219
1962	3050	1048	3220	3221
1963	3052	1080	3222	3223
1964	3054	1119	3224	3225
1965	3056	1151	3226	3227
1966	3058	1182	3228	3229
1967	3060	1220	3230	3231
1968	3062	1252	3232	3233
1969	3064	1291	3234	3235
1970	3066	1327	3236	3237
1971	3068	1361	3238	3239
1972	3070	1396	3240	3241
1973	3072	1430	3242	3243
1974	3074	1465	3244	3245
1975	3076	1497	3246	3247
1976	3078	1531	3248	3249
1977	3080	1566	3250	3251
1978	3082	1600	3252	3253
1979	3084	1639	3254	3255
1980	3086	1675	3256	3257
1981	3088	1707	3258	3259



1982	3090	1745	3260	3261
1983	3092	1776	3262	3263
1984	3094	1815	3264	3265
1985	3096	1847	3266	3267
1986	3098	1879	3268	3269
1987	3100	1916	3270	3271
1988	3102	1949	3272	3273
1989	3104	1992	3274	3275
1990	3106	2025	3276	3277
1991	3108	2057	3278	3279
1992	3110	2094	3280	3281
1993	3112	2126	3282	3283
1994	3114	2163	3284	3285
1995	3116	2196	3286	3287
1996	3118	2229	3288	3289
1997	3120	2266	3290	3291
1998	3122	2298	3292	3293
1999	3124	2343	3294	3295
2000	3126	2373	3296	3297
2001	3128	2406	3298	3299
2002	3130	2447	3300	3301
2003	3132	2480	3302	3303
2004	3134	2518	3304	3305
2005	3136	2550	3306	3307
2006	3138	2584	3308	3309
2007	3140	2619	3310	3311
2008	3142	2651	3312	3313
2009	3144	2704	3314	3315
2010	3146	2738	3316	3317
2011	3148	2770	3318	3319
2012	3150	2807	3320	3321
2013	3152	2839	3322	3323
2014	3154	2876	3324	3325
2015	3156	2910	3326	3327
2016	3158	2949	3328	3329
2017	3160	2971	3330	3331

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

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

BMI21	ELEMENTS		
31	10169	10171	61
32	10171	10173	62
33	10173	10461	63
34	10461	10179	64
35	10179	10181	65
36	10181	10183	66
37	10173	10194	67
38	10461	68	69
39	10179	10210	70
40	10187	10189	71
41	10189	10194	72
42	10193	73	74
43	10194	68	75
44	73	10209	76
45	68	10210	77
46	10210	10212	78
47	10212	10214	79
48	10194	10218	80
49	68	10464	81
50	10210	10220	82
51	9974	8152	83
52	8152	10218	84
53	10218	10464	85
54	10464	10220	86
55	10220	8697	87
56	8697	9976	88
57	10218	10229	89
58	10464	90	91
59	10220	10241	92
60	10224	10226	93
61	10226	10229	94
62	10228	95	96
63	10229	90	97
64	95	10240	98
65	90	10241	99
66	10241	10243	100
67	10243	10245	101
68	10229	10249	102
69	90	10467	103
70	10241	10251	104
71	10249	10255	105
72	10467	10468	106
73	10251	10257	107
74	9977	8154	108
75	8154	10255	109
76	10255	10468	110
77	10468	10257	111
78	10257	8750	112
79	8750	9980	113
80	10255	10266	114
81	10468	115	116
82	10257	10278	117
83	10261	10263	118
84	10263	10266	119
85	10265	120	121
86	10266	115	122
87	120	10277	123
88	115	10278	124
89	10278	10280	125

90	10280	10282	126
91	10266	10286	127
92	115	10471	128
93	10278	10288	129
94	9981	8155	130
95	8155	10286	131
96	10286	10471	132
97	10471	10288	133
98	10288	8776	134
99	8776	9983	135
100	10286	10297	136
101	10471	137	138
102	10288	10309	139
103	10292	10294	140
104	10294	10297	141
105	10296	142	143
106	10297	137	144
107	142	10308	145
108	137	10309	146
109	10309	10311	147
110	10311	10313	148
111	10297	10317	149
112	137	10474	150
113	10309	10319	151
114	9984	8156	152
115	8156	10317	153
116	10317	10474	154
117	10474	10319	155
118	10319	8779	156
119	8779	9986	157
120	10317	10323	158
121	10474	10475	159
122	10319	10325	160
123	10323	10334	161
124	10475	162	163
125	10325	10346	164
126	10329	10331	165
127	10331	10334	166
128	10333	167	168
129	10334	162	169
130	167	10345	170
131	162	10346	172
132	10346	10348	173
133	10348	10350	176
134	10334	10354	177
135	162	10478	179
136	10346	10356	180
137	9987	8157	182
138	8157	10354	183
139	10354	10478	186
140	10478	10356	187
141	10356	8794	189
142	8794	9989	190
143	10354	10365	193
144	10478	194	196
145	10356	10377	197
146	10360	10362	199
147	10362	10365	200
148	10364	203	204
149	10365	194	206
150	203	10376	207
151	194	10377	210
152	10377	10379	211
153	10379	10381	213
154	10365	10385	214
155	194	10481	216
156	10377	10387	217
157	9991	8158	220
158	8158	10385	221
159	10385	10481	223
160	10481	10387	224
161	10387	8804	227
162	8804	9992	228
163	10385	10391	230
164	10481	10482	231
165	10387	10393	233
166	10391	10402	234
167	10482	238	239
168	10393	10414	241
169	10397	10399	242
170	10399	10402	245
171	10401	246	248
172	10402	238	249
173	246	10413	251
174	238	10414	252
175	10414	10416	255
176	10416	10418	256
177	10402	10422	258
178	238	10485	259
179	10414	10424	264
180	9993	8159	265
181	8159	10422	267
182	10422	10485	268
183	10485	10424	270
184	10424	8827	271
185	8827	9994	274
186	10422	10435	275
187	10485	277	278
188	10424	10451	281
189	10428	10430	282
190	10430	10435	284
191	10434	287	288
192	10435	277	290
193	287	10450	291
194	277	10451	294

195	10451	10453	295
196	10453	10455	296
197	10435	10459	298
198	277	10488	300
199	10451	293	303
200	9995	8161	304
201	8161	10459	305
202	10459	10488	306
203	10488	293	307
204	293	8830	308
205	8830	9996	309
206	10459	302	310
207	10488	311	312
208	293	314	315
209	297	299	317
210	299	302	319
211	301	320	321
212	302	311	323
213	320	313	325
214	311	314	326
215	314	316	327
216	316	318	329
217	302	322	331
218	311	10491	332
219	314	324	333
220	322	328	335
221	10491	10492	337
222	324	330	340
223	9997	8162	341
224	8162	328	342
225	328	10492	343
226	10492	330	344
227	330	8833	345
228	8833	9998	346
229	328	339	347
230	10492	348	349
231	330	351	352
232	334	336	354
233	336	339	356
234	338	357	358
235	339	348	360
236	357	350	362
237	348	351	363
238	351	353	364
239	353	355	366
240	339	359	368
241	348	10495	371
242	351	361	372
243	9999	8163	373
244	8163	359	374
245	359	10495	375
246	10495	361	376
247	361	8985	377
248	8985	10000	378
249	359	370	379
250	10495	380	383
251	361	382	385
252	365	367	387
253	367	370	388
254	369	389	391
255	370	380	393
256	389	381	394
257	380	382	395
258	382	384	397
259	384	386	399
260	370	390	400
261	380	10498	401
262	382	392	403
263	10001	8164	405
264	8164	390	408
265	390	10498	409
266	10498	392	410
267	392	8987	411
268	8987	10002	412
269	390	396	413
270	10498	10499	414
271	392	398	415
272	396	407	416
273	10499	417	420
274	398	419	422
275	402	404	424
276	404	407	425
277	406	426	428
278	407	417	430
279	426	418	431
280	417	419	432
281	419	421	434
282	421	423	436
283	407	427	439
284	417	10502	440
285	419	429	441
286	10003	8166	442
287	8166	427	443
288	427	10502	444
289	10502	429	445
290	429	8996	446
291	8996	10004	447
292	427	438	448
293	10502	451	453
294	429	450	455
295	433	435	456
296	435	438	457
297	437	459	461
298	438	451	462
299	459	449	463

300	451	450	465
301	450	452	467
302	452	454	470
303	438	458	471
304	451	10505	472
305	450	460	473
306	10006	8167	474
307	8167	458	475
308	458	10505	476
309	10505	460	477
310	460	8998	478
311	8998	10007	479
312	458	469	482
313	10505	484	486
314	460	481	487
315	464	466	488
316	466	469	490
317	468	492	493
318	469	484	494
319	492	480	496
320	484	481	498
321	481	483	499
322	483	485	500
323	469	489	502
324	484	10508	504
325	481	491	507
326	489	495	508
327	10508	10509	509
328	491	497	510
329	10008	8168	511
330	8168	495	512
331	495	10509	513
332	10509	497	514
333	497	9000	515
334	9000	10009	516
335	495	506	519
336	10509	521	523
337	497	518	524
338	501	503	525
339	503	506	527
340	505	529	530
341	506	521	531
342	529	517	533
343	521	518	535
344	518	520	538
345	520	522	539
346	506	526	540
347	521	10512	541
348	518	528	542
349	10010	8169	543
350	8169	526	544
351	526	10512	545
352	10512	528	546
353	528	9002	547
354	9002	10011	550
355	526	537	552
356	10512	554	555
357	528	549	556
358	532	534	558
359	534	537	560
360	536	561	562
361	537	554	564
362	561	548	566
363	554	549	567
364	549	551	568
365	551	553	570
366	537	557	572
367	554	10515	575
368	549	559	576
369	10012	8170	577
370	8170	557	578
371	557	10515	579
372	10515	559	580
373	559	8967	581
374	8967	10013	582
375	557	563	583
376	10515	10516	584
377	559	565	587
378	563	574	589
379	10516	591	592
380	565	586	593
381	569	571	595
382	571	574	597
383	573	598	599
384	574	591	601
385	598	585	603
386	591	586	608
387	586	588	609
388	588	590	610
389	574	594	611
390	591	10519	614
391	586	596	615
392	10014	8171	616
393	8171	594	617
394	594	10519	618
395	10519	596	619
396	596	8970	624
397	8970	10015	626
398	594	607	628
399	10519	629	630
400	596	623	632
401	600	602	634
402	602	607	635
403	606	636	638
404	607	629	640

405	636	622	643
406	629	623	644
407	623	625	645
408	625	627	646
409	607	631	647
410	629	10522	648
411	623	633	649
412	10016	8172	650
413	8172	631	651
414	631	10522	652
415	10522	633	655
416	633	8973	657
417	8973	10017	659
418	631	642	660
419	10522	661	663
420	633	654	665
421	637	639	666
422	639	642	667
423	641	669	671
424	642	661	672
425	669	653	673
426	661	654	675
427	654	656	677
428	656	658	680
429	642	662	681
430	661	10525	682
431	654	664	683
432	662	668	684
433	10525	10526	685
434	664	670	686
435	10018	8180	687
436	8180	668	688
437	668	10526	689
438	10526	670	692
439	670	8976	694
440	8976	10019	696
441	668	679	697
442	10526	698	700
443	670	691	702
444	674	676	703
445	676	679	704
446	678	706	708
447	679	698	711
448	706	690	712
449	698	691	713
450	691	693	714
451	693	695	715
452	679	699	716
453	698	10529	717
454	691	701	718
455	10021	8182	719
456	8182	699	720
457	699	10529	723
458	10529	701	725
459	701	8978	727
460	8978	10022	728
461	699	710	729
462	10529	731	733
463	701	722	734
464	705	707	735
465	707	710	737
466	709	739	740
467	710	731	741
468	739	721	743
469	731	722	745
470	722	724	748
471	724	726	749
472	710	730	750
473	731	10532	751
474	722	732	752
475	10023	8183	753
476	8183	730	754
477	730	10532	755
478	10532	732	756
479	732	9009	757
480	9009	10024	760
481	730	736	762
482	10532	10533	764
483	732	738	765
484	736	747	766
485	10533	768	770
486	738	759	771
487	742	744	772
488	744	747	774
489	746	776	779
490	747	768	780
491	776	758	781
492	768	759	782
493	759	761	783
494	761	763	784
495	747	767	785
496	768	10536	786
497	759	769	787
498	10025	8184	788
499	8184	767	791
500	767	10536	793
501	10536	769	795
502	769	9012	796
503	9012	10026	797
504	767	778	799
505	10536	801	802
506	769	790	803
507	773	775	805
508	775	778	807
509	777	810	811

510	778	801	812
511	810	789	813
512	801	790	814
513	790	792	815
514	792	794	816
515	778	798	817
516	801	10539	818
517	790	800	819
518	10027	8185	822
519	8185	798	824
520	798	10539	826
521	10539	800	827
522	800	9015	828
523	9015	10028	830
524	798	809	832
525	10539	833	834
526	800	821	836
527	804	806	838
528	806	809	839
529	808	840	842
530	809	833	844
531	840	820	847
532	833	821	848
533	821	823	849
534	823	825	850
535	809	829	851
536	833	10542	852
537	821	831	853
538	829	835	854
539	10542	10543	855
540	831	837	856
541	10029	8186	859
542	8186	835	861
543	835	10543	863
544	10543	837	864
545	837	9018	865
546	9018	10030	867
547	835	846	869
548	10543	870	871
549	837	858	873
550	841	843	875
551	843	846	878
552	845	879	880
553	846	870	881
554	879	857	882
555	870	858	883
556	858	860	884
557	860	862	885
558	846	866	886
559	870	10546	887
560	858	868	890
561	10031	8187	892
562	8187	866	894
563	866	10546	895
564	10546	868	896
565	868	9033	898
566	9033	10032	900
567	866	877	901
568	10546	902	904
569	868	889	906
570	872	874	907
571	874	877	908
572	876	910	912
573	877	902	915
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1889	1473	3074	3075
1890	1506	3076	3077
1891	1536	3078	3079
1892	1575	3080	3081
1893	1607	3082	3083
1894	1650	3084	3085
1895	1683	3086	3087
1896	1716	3088	3089
1897	1753	3090	3091
1898	1785	3092	3093
1899	1822	3094	3095
1900	1854	3096	3097
1901	1887	3098	3099
1902	1924	3100	3101
1903	1957	3102	3103
1904	2000	3104	3105
1905	2032	3106	3107
1906	2064	3108	3109
1907	2101	3110	3111
1908	2134	3112	3113
1909	2172	3114	3115
1910	2204	3116	3117
1911	2238	3118	3119
1912	2275	3120	3121
1913	2309	3122	3123
1914	2348	3124	3125
1915	2381	3126	3127
1916	2414	3128	3129
1917	2456	3130	3131
1918	2488	3132	3133
1919	2523	3134	3135
1920	2557	3136	3137
1921	2589	3138	3139
1922	2626	3140	3141
1923	2659	3142	3143
1924	2709	3144	3145
1925	2743	3146	3147
1926	2775	3148	3149
1927	2812	3150	3151
1928	2844	3152	3153
1929	2881	3154	3155
1930	2917	3156	3157
1931	2954	3158	3159
1932	2976	3160	3161

TOTAL NUMBER OF ELEMENTS = 2017  
LARGEST ELEMENT NUMBER = 2017  
LARGEST NODE NUMBER = 10628

DEFAULT SOLVER CHOSEN

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

NODE NO.	COORDINATE IN	COORDINATE IN	COORDINATE IN
	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
	M	M	M
1	0.500000	2.12500	-2.50000
2	0.500000	2.12500	-2.50000
3	0.500000	5.62500	-2.50000
4	0.500000	5.62500	-2.50000
5	0.500000	9.12500	-2.50000
6	0.500000	9.12500	-2.50000
7	33.5470	2.12500	-2.50000
8	33.5470	2.12500	-2.50000
9	33.5470	5.62500	-2.50000
10	33.5470	5.62500	-2.50000
11	33.5470	9.12500	-2.50000
12	33.5470	9.12500	-2.50000
13	82.0570	2.12500	-2.50000
14	82.0570	2.12500	-2.50000
15	82.0570	5.62500	-2.50000
16	82.0570	5.62500	-2.50000
17	82.0570	9.12500	-2.50000
18	82.0570	9.12500	-2.50000
19	130.587	2.12500	-2.50000
20	130.587	2.12500	-2.50000
21	130.587	5.62500	-2.50000
22	130.587	5.62500	-2.50000
23	130.587	9.12500	-2.50000
24	130.587	9.12500	-2.50000
25	179.137	2.12500	-2.50000
26	179.137	2.12500	-2.50000
27	179.137	5.62500	-2.50000
28	179.137	5.62500	-2.50000

29	179.137	9.12500	-2.50000
30	179.137	9.12500	-2.50000
31	227.707	2.12500	-2.50000
32	227.707	2.12500	-2.50000
33	227.707	5.62500	-2.50000
34	227.707	5.62500	-2.50000
35	227.707	9.12500	-2.50000
36	227.707	9.12500	-2.50000
37	276.287	2.12500	-2.50000
38	276.287	2.12500	-2.50000
39	276.287	5.62500	-2.50000
40	276.287	5.62500	-2.50000
41	276.287	9.12500	-2.50000
42	276.287	9.12500	-2.50000
43	324.877	2.12500	-2.50000
44	324.877	2.12500	-2.50000
45	324.877	5.62500	-2.50000
46	324.877	5.62500	-2.50000
47	324.877	9.12500	-2.50000
48	324.877	9.12500	-2.50000
49	373.578	2.12500	-2.50000
50	373.578	2.12500	-2.50000
51	373.578	5.62500	-2.50000
52	373.578	5.62500	-2.50000
53	373.578	9.12500	-2.50000
54	373.578	9.12500	-2.50000
55	407.610	2.12500	-2.50000
56	407.610	2.12500	-2.50000
57	407.610	5.62500	-2.50000
58	407.610	5.62500	-2.50000
59	407.610	9.12500	-2.50000
60	407.610	9.12500	-2.50000
61	-1.00000	0.000000E+00	0.000000E+00
62	-1.00000	0.750000	0.000000E+00
63	-1.16667	2.12500	0.000000E+00
64	-1.16667	5.62500	0.000000E+00
65	-1.00000	9.12500	0.000000E+00
66	-1.00000	10.5000	0.000000E+00
67	0.000000E+00	3.12500	0.000000E+00
68	0.500000	5.62500	0.000000E+00
69	0.000000E+00	6.62500	0.000000E+00
70	0.000000E+00	10.1250	0.000000E+00
71	-0.500000	0.000000E+00	0.000000E+00
72	-0.500000	0.750000	0.000000E+00
73	0.500000	5.62500	-1.00000
74	-0.666667	2.12500	-1.00000
75	-0.666667	2.12500	0.000000E+00
76	-0.666667	5.62500	-1.00000
77	-0.666667	5.62500	0.000000E+00
78	-0.500000	9.12500	0.000000E+00
79	-0.500000	10.5000	0.000000E+00
80	0.500000	3.12500	0.000000E+00
81	0.500000	6.62500	0.000000E+00
82	0.500000	10.1250	0.000000E+00
83	1.86050	0.000000E+00	0.000000E+00
84	1.86050	0.750000	0.000000E+00
85	1.69383	2.12500	0.000000E+00
86	1.69383	5.62500	0.000000E+00
87	1.86050	9.12500	0.000000E+00
88	1.86050	10.5000	0.000000E+00
89	2.86050	3.12500	0.000000E+00
90	5.22100	5.62500	0.000000E+00
91	2.86050	6.62500	0.000000E+00
92	2.86050	10.1250	0.000000E+00
93	4.22100	0.000000E+00	0.000000E+00
94	4.22100	0.750000	0.000000E+00
95	5.22100	5.62500	-1.00000
96	4.05433	2.12500	-1.00000
97	4.05433	2.12500	0.000000E+00
98	4.05433	5.62500	-1.00000
99	4.05433	5.62500	0.000000E+00
100	4.22100	9.12500	0.000000E+00
101	4.22100	10.5000	0.000000E+00
102	5.22100	3.12500	0.000000E+00
103	5.22100	6.62500	0.000000E+00
104	5.22100	10.1250	0.000000E+00
105	7.54900	3.12500	0.000000E+00
106	7.54900	6.62500	0.000000E+00
107	7.54900	10.1250	0.000000E+00
108	6.58150	0.000000E+00	0.000000E+00
109	6.58150	0.750000	0.000000E+00
110	6.41483	2.12500	0.000000E+00
111	6.41483	5.62500	0.000000E+00
112	6.58150	9.12500	0.000000E+00
113	6.58150	10.5000	0.000000E+00
114	7.58150	3.12500	0.000000E+00
115	9.94200	5.62500	0.000000E+00
116	7.58150	6.62500	0.000000E+00
117	7.58150	10.1250	0.000000E+00
118	8.94200	0.000000E+00	0.000000E+00
119	8.94200	0.750000	0.000000E+00
120	9.94200	5.62500	-1.00000
121	8.77533	2.12500	-1.00000
122	8.77533	2.12500	0.000000E+00
123	8.77533	5.62500	-1.00000
124	8.77533	5.62500	0.000000E+00
125	8.94200	9.12500	0.000000E+00
126	8.94200	10.5000	0.000000E+00
127	9.94200	3.12500	0.000000E+00
128	9.94200	6.62500	0.000000E+00
129	9.94200	10.1250	0.000000E+00
130	11.3025	0.000000E+00	0.000000E+00
131	11.3025	0.750000	0.000000E+00
132	11.1358	2.12500	0.000000E+00
133	11.1358	5.62500	0.000000E+00

134	11.3025	9.12500	0.000000E+00
135	11.3025	10.5000	0.000000E+00
136	12.3025	3.12500	0.000000E+00
137	14.6630	5.62500	0.000000E+00
138	12.3025	6.62500	0.000000E+00
139	12.3025	10.1250	0.000000E+00
140	13.6630	0.000000E+00	0.000000E+00
141	13.6630	0.750000	0.000000E+00
142	14.6630	5.62500	-1.00000
143	13.4963	2.12500	-1.00000
144	13.4963	2.12500	0.000000E+00
145	13.4963	5.62500	-1.00000
146	13.4963	5.62500	0.000000E+00
147	13.6630	9.12500	0.000000E+00
148	13.6630	10.5000	0.000000E+00
149	14.6630	3.12500	0.000000E+00
150	14.6630	6.62500	0.000000E+00
151	14.6630	10.1250	0.000000E+00
152	16.0235	0.000000E+00	0.000000E+00
153	16.0235	0.750000	0.000000E+00
154	15.8568	2.12500	0.000000E+00
155	15.8568	5.62500	0.000000E+00
156	16.0235	9.12500	0.000000E+00
157	16.0235	10.5000	0.000000E+00
158	17.0235	3.12500	0.000000E+00
159	17.0235	6.62500	0.000000E+00
160	17.0235	10.1250	0.000000E+00
161	17.5480	3.12500	0.000000E+00
162	19.3840	5.62500	0.000000E+00
163	17.5480	6.62500	0.000000E+00
164	17.5480	10.1250	0.000000E+00
165	18.3840	0.000000E+00	0.000000E+00
166	18.3840	0.750000	0.000000E+00
167	19.3840	5.62500	-1.00000
168	18.2173	2.12500	-1.00000
169	18.2173	2.12500	0.000000E+00
170	18.2173	5.62500	-1.00000
171	239.852	5.62500	0.000000E+00
172	18.2173	5.62500	0.000000E+00
173	18.3840	9.12500	0.000000E+00
174	244.710	5.62500	0.000000E+00
175	245.987	5.62500	0.000000E+00
176	18.3840	10.5000	0.000000E+00
177	19.3840	3.12500	0.000000E+00
178	249.568	5.62500	0.000000E+00
179	19.3840	6.62500	0.000000E+00
180	19.3840	10.1250	0.000000E+00
181	254.426	5.62500	0.000000E+00
182	20.7445	0.000000E+00	0.000000E+00
183	20.7445	0.750000	0.000000E+00
184	258.007	5.62500	0.000000E+00
185	259.284	5.62500	0.000000E+00
186	20.5778	2.12500	0.000000E+00
187	20.5778	5.62500	0.000000E+00
188	264.142	5.62500	0.000000E+00
189	20.7445	9.12500	0.000000E+00
190	20.7445	10.5000	0.000000E+00
191	269.000	5.62500	0.000000E+00
192	270.278	5.62500	0.000000E+00
193	21.7445	3.12500	0.000000E+00
194	24.1050	5.62500	0.000000E+00
195	273.858	5.62500	0.000000E+00
196	21.7445	6.62500	0.000000E+00
197	21.7445	10.1250	0.000000E+00
198	278.717	5.62500	0.000000E+00
199	23.1050	0.000000E+00	0.000000E+00
200	23.1050	0.750000	0.000000E+00
201	282.298	5.62500	0.000000E+00
202	283.575	5.62500	0.000000E+00
203	24.1050	5.62500	-1.00000
204	22.9383	2.12500	-1.00000
205	288.434	5.62500	0.000000E+00
206	22.9383	2.12500	0.000000E+00
207	22.9383	5.62500	-1.00000
208	293.293	5.62500	0.000000E+00
209	294.571	5.62500	0.000000E+00
210	22.9383	5.62500	0.000000E+00
211	23.1050	9.12500	0.000000E+00
212	298.152	5.62500	0.000000E+00
213	23.1050	10.5000	0.000000E+00
214	24.1050	3.12500	0.000000E+00
215	303.012	5.62500	0.000000E+00
216	24.1050	6.62500	0.000000E+00
217	24.1050	10.1250	0.000000E+00
218	306.593	5.62500	0.000000E+00
219	307.870	5.62500	0.000000E+00
220	25.4655	0.000000E+00	0.000000E+00
221	25.4655	0.750000	0.000000E+00
222	312.730	5.62500	0.000000E+00
223	25.2988	2.12500	0.000000E+00
224	25.2988	5.62500	0.000000E+00
225	317.588	5.62500	0.000000E+00
226	318.866	5.62500	0.000000E+00
227	25.4655	9.12500	0.000000E+00
228	25.4655	10.5000	0.000000E+00
229	322.447	5.62500	0.000000E+00
230	26.4655	3.12500	0.000000E+00
231	26.4655	6.62500	0.000000E+00
232	327.306	5.62500	0.000000E+00
233	26.4655	10.1250	0.000000E+00
234	27.5470	3.12500	0.000000E+00
235	330.890	5.62500	0.000000E+00
236	332.165	5.62500	0.000000E+00
237	332.182	5.62500	0.000000E+00
238	28.8260	5.62500	0.000000E+00

239	27.5470	6.62500	0.000000E+00
240	337.024	5.62500	0.000000E+00
241	27.5470	10.1250	0.000000E+00
242	27.8260	0.000000E+00	0.000000E+00
243	341.883	5.62500	0.000000E+00
244	343.163	5.62500	0.000000E+00
245	27.8260	0.750000	0.000000E+00
246	28.8260	5.62500	-1.00000
247	346.743	5.62500	0.000000E+00
248	27.6593	2.12500	-1.00000
249	27.6593	2.12500	0.000000E+00
250	351.601	5.62500	0.000000E+00
251	27.6593	5.62500	-1.00000
252	27.6593	5.62500	0.000000E+00
253	355.186	5.62500	0.000000E+00
254	356.460	5.62500	0.000000E+00
255	27.8260	9.12500	0.000000E+00
256	27.8260	10.5000	0.000000E+00
257	361.320	5.62500	0.000000E+00
258	28.8260	3.12500	0.000000E+00
259	28.8260	6.62500	0.000000E+00
260	365.704	5.62500	0.000000E+00
261	366.236	5.62500	0.000000E+00
262	366.273	5.62500	0.000000E+00
263	367.574	5.62500	0.000000E+00
264	28.8260	10.1250	0.000000E+00
265	30.1865	0.000000E+00	0.000000E+00
266	371.150	5.62500	0.000000E+00
267	30.1865	0.750000	0.000000E+00
268	30.0198	2.12500	0.000000E+00
269	376.009	5.62500	0.000000E+00
270	30.0198	5.62500	0.000000E+00
271	30.1865	9.12500	0.000000E+00
272	379.584	5.62500	0.000000E+00
273	380.871	5.62500	0.000000E+00
274	30.1865	10.5000	0.000000E+00
275	31.1865	3.12500	0.000000E+00
276	385.732	5.62500	0.000000E+00
277	33.5470	5.62500	0.000000E+00
278	31.1865	6.62500	0.000000E+00
279	389.593	5.62500	0.000000E+00
280	390.594	5.62500	0.000000E+00
281	31.1865	10.1250	0.000000E+00
282	32.5470	0.000000E+00	0.000000E+00
283	395.456	5.62500	0.000000E+00
284	32.5470	0.750000	0.000000E+00
285	399.602	5.62500	0.000000E+00
286	400.317	5.62500	0.000000E+00
287	33.5470	5.62500	-1.00000
288	32.3803	2.12500	-1.00000
289	405.179	5.62500	0.000000E+00
290	32.3803	2.12500	0.000000E+00
291	32.3803	5.62500	-1.00000
292	408.110	5.62500	0.000000E+00
293	35.9725	9.12500	0.000000E+00
294	32.3803	5.62500	0.000000E+00
295	32.5470	9.12500	0.000000E+00
296	32.5470	10.5000	0.000000E+00
297	38.3980	0.000000E+00	0.000000E+00
298	33.5470	3.12500	0.000000E+00
299	38.3980	0.750000	0.000000E+00
300	33.5470	6.62500	0.000000E+00
301	38.3980	2.12500	-1.00000
302	38.3980	2.12500	0.000000E+00
303	33.5470	10.1250	0.000000E+00
304	34.9725	0.000000E+00	0.000000E+00
305	34.9725	0.750000	0.000000E+00
306	34.8058	2.12500	0.000000E+00
307	34.8058	5.62500	0.000000E+00
308	34.9725	9.12500	0.000000E+00
309	34.9725	10.5000	0.000000E+00
310	35.9725	3.12500	0.000000E+00
311	38.3980	5.62500	0.000000E+00
312	35.9725	6.62500	0.000000E+00
313	38.3980	9.12500	-1.00000
314	38.3980	9.12500	0.000000E+00
315	35.9725	10.1250	0.000000E+00
316	38.3980	10.5000	0.000000E+00
317	37.3980	0.000000E+00	0.000000E+00
318	38.3980	11.2500	0.000000E+00
319	37.3980	0.750000	0.000000E+00
320	38.3980	5.62500	-1.00000
321	37.2313	2.12500	-1.00000
322	39.5490	2.12500	0.000000E+00
323	37.2313	2.12500	0.000000E+00
324	39.5490	9.12500	0.000000E+00
325	37.2313	5.62500	-1.00000
326	37.2313	5.62500	0.000000E+00
327	37.3980	9.12500	0.000000E+00
328	40.8235	2.12500	0.000000E+00
329	37.3980	10.5000	0.000000E+00
330	40.8235	9.12500	0.000000E+00
331	38.3980	3.12500	0.000000E+00
332	38.3980	6.62500	0.000000E+00
333	38.3980	10.1250	0.000000E+00
334	43.2490	0.000000E+00	0.000000E+00
335	39.5490	3.12500	0.000000E+00
336	43.2490	0.750000	0.000000E+00
337	39.5490	6.62500	0.000000E+00
338	43.2490	2.12500	-1.00000
339	43.2490	2.12500	0.000000E+00
340	39.5490	10.1250	0.000000E+00
341	39.8235	0.000000E+00	0.000000E+00
342	39.8235	0.750000	0.000000E+00
343	39.6568	2.12500	0.000000E+00

344	39.6568	5.62500	0.000000E+00
345	39.8235	9.12500	0.000000E+00
346	39.8235	10.5000	0.000000E+00
347	40.8235	3.12500	0.000000E+00
348	43.2490	5.62500	0.000000E+00
349	40.8235	6.62500	0.000000E+00
350	43.2490	9.12500	-1.00000
351	43.2490	9.12500	0.000000E+00
352	40.8235	10.1250	0.000000E+00
353	43.2490	10.5000	0.000000E+00
354	42.2490	0.000000E+00	0.000000E+00
355	43.2490	11.2500	0.000000E+00
356	42.2490	0.750000	0.000000E+00
357	43.2490	5.62500	-1.00000
358	42.0823	2.12500	-1.00000
359	45.6745	2.12500	0.000000E+00
360	42.0823	2.12500	0.000000E+00
361	45.6745	9.12500	0.000000E+00
362	42.0823	5.62500	-1.00000
363	42.0823	5.62500	0.000000E+00
364	42.2490	9.12500	0.000000E+00
365	48.1000	0.000000E+00	0.000000E+00
366	42.2490	10.5000	0.000000E+00
367	48.1000	0.750000	0.000000E+00
368	43.2490	3.12500	0.000000E+00
369	48.1000	2.12500	-1.00000
370	48.1000	2.12500	0.000000E+00
371	43.2490	6.62500	0.000000E+00
372	43.2490	10.1250	0.000000E+00
373	44.6745	0.000000E+00	0.000000E+00
374	44.6745	0.750000	0.000000E+00
375	44.5078	2.12500	0.000000E+00
376	44.5078	5.62500	0.000000E+00
377	44.6745	9.12500	0.000000E+00
378	44.6745	10.5000	0.000000E+00
379	45.6745	3.12500	0.000000E+00
380	48.1000	5.62500	0.000000E+00
381	48.1000	9.12500	-1.00000
382	48.1000	9.12500	0.000000E+00
383	45.6745	6.62500	0.000000E+00
384	48.1000	10.5000	0.000000E+00
385	45.6745	10.1250	0.000000E+00
386	48.1000	11.2500	0.000000E+00
387	47.1000	0.000000E+00	0.000000E+00
388	47.1000	0.750000	0.000000E+00
389	48.1000	5.62500	-1.00000
390	50.5255	2.12500	0.000000E+00
391	46.9333	2.12500	-1.00000
392	50.5255	9.12500	0.000000E+00
393	46.9333	2.12500	0.000000E+00
394	46.9333	5.62500	-1.00000
395	46.9333	5.62500	0.000000E+00
396	51.8010	2.12500	0.000000E+00
397	47.1000	9.12500	0.000000E+00
398	51.8010	9.12500	0.000000E+00
399	47.1000	10.5000	0.000000E+00
400	48.1000	3.12500	0.000000E+00
401	48.1000	6.62500	0.000000E+00
402	52.9510	0.000000E+00	0.000000E+00
403	48.1000	10.1250	0.000000E+00
404	52.9510	0.750000	0.000000E+00
405	49.5255	0.000000E+00	0.000000E+00
406	52.9510	2.12500	-1.00000
407	52.9510	2.12500	0.000000E+00
408	49.5255	0.750000	0.000000E+00
409	49.3588	2.12500	0.000000E+00
410	49.3588	5.62500	0.000000E+00
411	49.5255	9.12500	0.000000E+00
412	49.5255	10.5000	0.000000E+00
413	50.5255	3.12500	0.000000E+00
414	50.5255	6.62500	0.000000E+00
415	50.5255	10.1250	0.000000E+00
416	51.8010	3.12500	0.000000E+00
417	52.9510	5.62500	0.000000E+00
418	52.9510	9.12500	-1.00000
419	52.9510	9.12500	0.000000E+00
420	51.8010	6.62500	0.000000E+00
421	52.9510	10.5000	0.000000E+00
422	51.8010	10.1250	0.000000E+00
423	52.9510	11.2500	0.000000E+00
424	51.9510	0.000000E+00	0.000000E+00
425	51.9510	0.750000	0.000000E+00
426	52.9510	5.62500	-1.00000
427	55.3765	2.12500	0.000000E+00
428	51.7843	2.12500	-1.00000
429	55.3765	9.12500	0.000000E+00
430	51.7843	2.12500	0.000000E+00
431	51.7843	5.62500	-1.00000
432	51.7843	5.62500	0.000000E+00
433	57.8020	0.000000E+00	0.000000E+00
434	51.9510	9.12500	0.000000E+00
435	57.8020	0.750000	0.000000E+00
436	51.9510	10.5000	0.000000E+00
437	57.8020	2.12500	-1.00000
438	57.8020	2.12500	0.000000E+00
439	52.9510	3.12500	0.000000E+00
440	52.9510	6.62500	0.000000E+00
441	52.9510	10.1250	0.000000E+00
442	54.3765	0.000000E+00	0.000000E+00
443	54.3765	0.750000	0.000000E+00
444	54.2098	2.12500	0.000000E+00
445	54.2098	5.62500	0.000000E+00
446	54.3765	9.12500	0.000000E+00
447	54.3765	10.5000	0.000000E+00
448	55.3765	3.12500	0.000000E+00

449	57.8020	9.12500	-1.00000
450	57.8020	9.12500	0.000000E+00
451	57.8020	5.62500	0.000000E+00
452	57.8020	10.5000	0.000000E+00
453	55.3765	6.62500	0.000000E+00
454	57.8020	11.2500	0.000000E+00
455	55.3765	10.1250	0.000000E+00
456	56.8020	0.000000E+00	0.000000E+00
457	56.8020	0.750000	0.000000E+00
458	60.2275	2.12500	0.000000E+00
459	57.8020	5.62500	-1.00000
460	60.2275	9.12500	0.000000E+00
461	56.6353	2.12500	-1.00000
462	56.6353	2.12500	0.000000E+00
463	56.6353	5.62500	-1.00000
464	62.6530	0.000000E+00	0.000000E+00
465	56.6353	5.62500	0.000000E+00
466	62.6530	0.750000	0.000000E+00
467	56.8020	9.12500	0.000000E+00
468	62.6530	2.12500	-1.00000
469	62.6530	2.12500	0.000000E+00
470	56.8020	10.5000	0.000000E+00
471	57.8020	3.12500	0.000000E+00
472	57.8020	6.62500	0.000000E+00
473	57.8020	10.1250	0.000000E+00
474	59.2275	0.000000E+00	0.000000E+00
475	59.2275	0.750000	0.000000E+00
476	59.0608	2.12500	0.000000E+00
477	59.0608	5.62500	0.000000E+00
478	59.2275	9.12500	0.000000E+00
479	59.2275	10.5000	0.000000E+00
480	62.6530	9.12500	-1.00000
481	62.6530	9.12500	0.000000E+00
482	60.2275	3.12500	0.000000E+00
483	62.6530	10.5000	0.000000E+00
484	62.6530	5.62500	0.000000E+00
485	62.6530	11.2500	0.000000E+00
486	60.2275	6.62500	0.000000E+00
487	60.2275	10.1250	0.000000E+00
488	61.6530	0.000000E+00	0.000000E+00
489	63.8030	2.12500	0.000000E+00
490	61.6530	0.750000	0.000000E+00
491	63.8030	9.12500	0.000000E+00
492	62.6530	5.62500	-1.00000
493	61.4863	2.12500	-1.00000
494	61.4863	2.12500	0.000000E+00
495	65.0785	2.12500	0.000000E+00
496	61.4863	5.62500	-1.00000
497	65.0785	9.12500	0.000000E+00
498	61.4863	5.62500	0.000000E+00
499	61.6530	9.12500	0.000000E+00
500	61.6530	10.5000	0.000000E+00
501	67.5040	0.000000E+00	0.000000E+00
502	62.6530	3.12500	0.000000E+00
503	67.5040	0.750000	0.000000E+00
504	62.6530	6.62500	0.000000E+00
505	67.5040	2.12500	-1.00000
506	67.5040	2.12500	0.000000E+00
507	62.6530	10.1250	0.000000E+00
508	63.8030	3.12500	0.000000E+00
509	63.8030	6.62500	0.000000E+00
510	63.8030	10.1250	0.000000E+00
511	64.0785	0.000000E+00	0.000000E+00
512	64.0785	0.750000	0.000000E+00
513	63.9118	2.12500	0.000000E+00
514	63.9118	5.62500	0.000000E+00
515	64.0785	9.12500	0.000000E+00
516	64.0785	10.5000	0.000000E+00
517	67.5040	9.12500	-1.00000
518	67.5040	9.12500	0.000000E+00
519	65.0785	3.12500	0.000000E+00
520	67.5040	10.5000	0.000000E+00
521	67.5040	5.62500	0.000000E+00
522	67.5040	11.2500	0.000000E+00
523	65.0785	6.62500	0.000000E+00
524	65.0785	10.1250	0.000000E+00
525	66.5040	0.000000E+00	0.000000E+00
526	69.9295	2.12500	0.000000E+00
527	66.5040	0.750000	0.000000E+00
528	69.9295	9.12500	0.000000E+00
529	67.5040	5.62500	-1.00000
530	66.3373	2.12500	-1.00000
531	66.3373	2.12500	0.000000E+00
532	72.3550	0.000000E+00	0.000000E+00
533	66.3373	5.62500	-1.00000
534	72.3550	0.750000	0.000000E+00
535	66.3373	5.62500	0.000000E+00
536	72.3550	2.12500	-1.00000
537	72.3550	2.12500	0.000000E+00
538	66.5040	9.12500	0.000000E+00
539	66.5040	10.5000	0.000000E+00
540	67.5040	3.12500	0.000000E+00
541	67.5040	6.62500	0.000000E+00
542	67.5040	10.1250	0.000000E+00
543	68.9295	0.000000E+00	0.000000E+00
544	68.9295	0.750000	0.000000E+00
545	68.7628	2.12500	0.000000E+00
546	68.7628	5.62500	0.000000E+00
547	68.9295	9.12500	0.000000E+00
548	72.3550	9.12500	-1.00000
549	72.3550	9.12500	0.000000E+00
550	68.9295	10.5000	0.000000E+00
551	72.3550	10.5000	0.000000E+00
552	69.9295	3.12500	0.000000E+00
553	72.3550	11.2500	0.000000E+00



554	72.3550	5.62500	0.000000E+00
555	69.9295	6.62500	0.000000E+00
556	69.9295	10.1250	0.000000E+00
557	74.7805	2.12500	0.000000E+00
558	71.3550	0.000000E+00	0.000000E+00
559	74.7805	9.12500	0.000000E+00
560	71.3550	0.750000	0.000000E+00
561	72.3550	5.62500	-1.00000
562	71.1883	2.12500	-1.00000
563	76.0550	2.12500	0.000000E+00
564	71.1883	2.12500	0.000000E+00
565	76.0550	9.12500	0.000000E+00
566	71.1883	5.62500	-1.00000
567	71.1883	5.62500	0.000000E+00
568	71.3550	9.12500	0.000000E+00
569	77.2060	0.000000E+00	0.000000E+00
570	71.3550	10.5000	0.000000E+00
571	77.2060	0.750000	0.000000E+00
572	72.3550	3.12500	0.000000E+00
573	77.2060	2.12500	-1.00000
574	77.2060	2.12500	0.000000E+00
575	72.3550	6.62500	0.000000E+00
576	72.3550	10.1250	0.000000E+00
577	73.7805	0.000000E+00	0.000000E+00
578	73.7805	0.750000	0.000000E+00
579	73.6138	2.12500	0.000000E+00
580	73.6138	5.62500	0.000000E+00
581	73.7805	9.12500	0.000000E+00
582	73.7805	10.5000	0.000000E+00
583	74.7805	3.12500	0.000000E+00
584	74.7805	6.62500	0.000000E+00
585	77.2060	9.12500	-1.00000
586	77.2060	9.12500	0.000000E+00
587	74.7805	10.1250	0.000000E+00
588	77.2060	10.5000	0.000000E+00
589	76.0550	3.12500	0.000000E+00
590	77.2060	11.2500	0.000000E+00
591	77.2060	5.62500	0.000000E+00
592	76.0550	6.62500	0.000000E+00
593	76.0550	10.1250	0.000000E+00
594	79.6315	2.12500	0.000000E+00
595	76.2060	0.000000E+00	0.000000E+00
596	79.6315	9.12500	0.000000E+00
597	76.2060	0.750000	0.000000E+00
598	77.2060	5.62500	-1.00000
599	76.0393	2.12500	-1.00000
600	82.0570	0.000000E+00	0.000000E+00
601	76.0393	2.12500	0.000000E+00
602	82.0570	0.750000	0.000000E+00
603	76.0393	5.62500	-1.00000
604	1.50000	2.12500	-2.50000
605	0.500000	3.12500	-2.50000
606	82.0570	2.12500	-1.00000
607	82.0570	2.12500	0.000000E+00
608	76.0393	5.62500	0.000000E+00
609	76.2060	9.12500	0.000000E+00
610	76.2060	10.5000	0.000000E+00
611	77.2060	3.12500	0.000000E+00
612	1.50000	9.12500	-2.50000
613	0.500000	10.1250	-2.50000
614	77.2060	6.62500	0.000000E+00
615	77.2060	10.1250	0.000000E+00
616	78.6315	0.000000E+00	0.000000E+00
617	78.6315	0.750000	0.000000E+00
618	78.4648	2.12500	0.000000E+00
619	78.4648	5.62500	0.000000E+00
620	34.5470	2.12500	-2.50000
621	33.5470	3.12500	-2.50000
622	82.0570	9.12500	-1.00000
623	82.0570	9.12500	0.000000E+00
624	78.6315	9.12500	0.000000E+00
625	82.0570	10.5000	0.000000E+00
626	78.6315	10.5000	0.000000E+00
627	82.0570	11.2500	0.000000E+00
628	79.6315	3.12500	0.000000E+00
629	82.0570	5.62500	0.000000E+00
630	79.6315	6.62500	0.000000E+00
631	84.4835	2.12500	0.000000E+00
632	79.6315	10.1250	0.000000E+00
633	84.4835	9.12500	0.000000E+00
634	81.0570	0.000000E+00	0.000000E+00
635	81.0570	0.750000	0.000000E+00
636	82.0570	5.62500	-1.00000
637	86.9100	0.000000E+00	0.000000E+00
638	80.8903	2.12500	-1.00000
639	86.9100	0.750000	0.000000E+00
640	80.8903	2.12500	0.000000E+00
641	86.9100	2.12500	-1.00000
642	86.9100	2.12500	0.000000E+00
643	80.8903	5.62500	-1.00000
644	80.8903	5.62500	0.000000E+00
645	81.0570	9.12500	0.000000E+00
646	81.0570	10.5000	0.000000E+00
647	82.0570	3.12500	0.000000E+00
648	82.0570	6.62500	0.000000E+00
649	82.0570	10.1250	0.000000E+00
650	83.4835	0.000000E+00	0.000000E+00
651	83.4835	0.750000	0.000000E+00
652	83.3168	2.12500	0.000000E+00
653	86.9100	9.12500	-1.00000
654	86.9100	9.12500	0.000000E+00
655	83.3168	5.62500	0.000000E+00
656	86.9100	10.5000	0.000000E+00
657	83.4835	9.12500	0.000000E+00
658	86.9100	11.2500	0.000000E+00

659	83.4835	10.5000	0.000000E+00
660	84.4835	3.12500	0.000000E+00
661	86.9100	5.62500	0.000000E+00
662	88.0610	2.12500	0.000000E+00
663	84.4835	6.62500	0.000000E+00
664	88.0610	9.12500	0.000000E+00
665	84.4835	10.1250	0.000000E+00
666	85.9100	0.000000E+00	0.000000E+00
667	85.9100	0.750000	0.000000E+00
668	89.3365	2.12500	0.000000E+00
669	86.9100	5.62500	-1.00000
670	89.3365	9.12500	0.000000E+00
671	85.7433	2.12500	-1.00000
672	85.7433	2.12500	0.000000E+00
673	85.7433	5.62500	-1.00000
674	91.7630	0.000000E+00	0.000000E+00
675	85.7433	5.62500	0.000000E+00
676	91.7630	0.750000	0.000000E+00
677	85.9100	9.12500	0.000000E+00
678	91.7630	2.12500	-1.00000
679	91.7630	2.12500	0.000000E+00
680	85.9100	10.5000	0.000000E+00
681	86.9100	3.12500	0.000000E+00
682	86.9100	6.62500	0.000000E+00
683	86.9100	10.1250	0.000000E+00
684	88.0610	3.12500	0.000000E+00
685	88.0610	6.62500	0.000000E+00
686	88.0610	10.1250	0.000000E+00
687	88.3365	0.000000E+00	0.000000E+00
688	88.3365	0.750000	0.000000E+00
689	88.1698	2.12500	0.000000E+00
690	91.7630	9.12500	-1.00000
691	91.7630	9.12500	0.000000E+00
692	88.1698	5.62500	0.000000E+00
693	91.7630	10.5000	0.000000E+00
694	88.3365	9.12500	0.000000E+00
695	91.7630	11.2500	0.000000E+00
696	88.3365	10.5000	0.000000E+00
697	89.3365	3.12500	0.000000E+00
698	91.7630	5.62500	0.000000E+00
699	94.1895	2.12500	0.000000E+00
700	89.3365	6.62500	0.000000E+00
701	94.1895	9.12500	0.000000E+00
702	89.3365	10.1250	0.000000E+00
703	90.7630	0.000000E+00	0.000000E+00
704	90.7630	0.750000	0.000000E+00
705	96.6160	0.000000E+00	0.000000E+00
706	91.7630	5.62500	-1.00000
707	96.6160	0.750000	0.000000E+00
708	90.5963	2.12500	-1.00000
709	96.6160	2.12500	-1.00000
710	96.6160	2.12500	0.000000E+00
711	90.5963	2.12500	0.000000E+00
712	90.5963	5.62500	-1.00000
713	90.5963	5.62500	0.000000E+00
714	90.7630	9.12500	0.000000E+00
715	90.7630	10.5000	0.000000E+00
716	91.7630	3.12500	0.000000E+00
717	91.7630	6.62500	0.000000E+00
718	91.7630	10.1250	0.000000E+00
719	93.1895	0.000000E+00	0.000000E+00
720	93.1895	0.750000	0.000000E+00
721	96.6160	9.12500	-1.00000
722	96.6160	9.12500	0.000000E+00
723	93.0228	2.12500	0.000000E+00
724	96.6160	10.5000	0.000000E+00
725	93.0228	5.62500	0.000000E+00
726	96.6160	11.2500	0.000000E+00
727	93.1895	9.12500	0.000000E+00
728	93.1895	10.5000	0.000000E+00
729	94.1895	3.12500	0.000000E+00
730	99.0425	2.12500	0.000000E+00
731	96.6160	5.62500	0.000000E+00
732	99.0425	9.12500	0.000000E+00
733	94.1895	6.62500	0.000000E+00
734	94.1895	10.1250	0.000000E+00
735	95.6160	0.000000E+00	0.000000E+00
736	100.318	2.12500	0.000000E+00
737	95.6160	0.750000	0.000000E+00
738	100.318	9.12500	0.000000E+00
739	96.6160	5.62500	-1.00000
740	95.4493	2.12500	-1.00000
741	95.4493	2.12500	0.000000E+00
742	101.469	0.000000E+00	0.000000E+00
743	95.4493	5.62500	-1.00000
744	101.469	0.750000	0.000000E+00
745	95.4493	5.62500	0.000000E+00
746	101.469	2.12500	-1.00000
747	101.469	2.12500	0.000000E+00
748	95.6160	9.12500	0.000000E+00
749	95.6160	10.5000	0.000000E+00
750	96.6160	3.12500	0.000000E+00
751	96.6160	6.62500	0.000000E+00
752	96.6160	10.1250	0.000000E+00
753	98.0425	0.000000E+00	0.000000E+00
754	98.0425	0.750000	0.000000E+00
755	97.8758	2.12500	0.000000E+00
756	97.8758	5.62500	0.000000E+00
757	98.0425	9.12500	0.000000E+00
758	101.469	9.12500	-1.00000
759	101.469	9.12500	0.000000E+00
760	98.0425	10.5000	0.000000E+00
761	101.469	10.5000	0.000000E+00
762	99.0425	3.12500	0.000000E+00
763	101.469	11.2500	0.000000E+00

764	99.0425	6.62500	0.000000E+00
765	99.0425	10.1250	0.000000E+00
766	100.318	3.12500	0.000000E+00
767	103.896	2.12500	0.000000E+00
768	101.469	5.62500	0.000000E+00
769	103.896	9.12500	0.000000E+00
770	100.318	6.62500	0.000000E+00
771	100.318	10.1250	0.000000E+00
772	100.469	0.000000E+00	0.000000E+00
773	106.322	0.000000E+00	0.000000E+00
774	100.469	0.750000	0.000000E+00
775	106.322	0.750000	0.000000E+00
776	101.469	5.62500	-1.00000
777	106.322	2.12500	-1.00000
778	106.322	2.12500	0.000000E+00
779	100.302	2.12500	-1.00000
780	100.302	2.12500	0.000000E+00
781	100.302	5.62500	-1.00000
782	100.302	5.62500	0.000000E+00
783	100.469	9.12500	0.000000E+00
784	100.469	10.5000	0.000000E+00
785	101.469	3.12500	0.000000E+00
786	101.469	6.62500	0.000000E+00
787	101.469	10.1250	0.000000E+00
788	102.896	0.000000E+00	0.000000E+00
789	106.322	9.12500	-1.00000
790	106.322	9.12500	0.000000E+00
791	102.896	0.750000	0.000000E+00
792	106.322	10.5000	0.000000E+00
793	102.729	2.12500	0.000000E+00
794	106.322	11.2500	0.000000E+00
795	102.729	5.62500	0.000000E+00
796	102.896	9.12500	0.000000E+00
797	102.896	10.5000	0.000000E+00
798	108.749	2.12500	0.000000E+00
799	103.896	3.12500	0.000000E+00
800	108.749	9.12500	0.000000E+00
801	106.322	5.62500	0.000000E+00
802	103.896	6.62500	0.000000E+00
803	103.896	10.1250	0.000000E+00
804	111.175	0.000000E+00	0.000000E+00
805	105.322	0.000000E+00	0.000000E+00
806	111.175	0.750000	0.000000E+00
807	105.322	0.750000	0.000000E+00
808	111.175	2.12500	-1.00000
809	111.175	2.12500	0.000000E+00
810	106.322	5.62500	-1.00000
811	105.155	2.12500	-1.00000
812	105.155	2.12500	0.000000E+00
813	105.155	5.62500	-1.00000
814	105.155	5.62500	0.000000E+00
815	105.322	9.12500	0.000000E+00
816	105.322	10.5000	0.000000E+00
817	106.322	3.12500	0.000000E+00
818	106.322	6.62500	0.000000E+00
819	106.322	10.1250	0.000000E+00
820	111.175	9.12500	-1.00000
821	111.175	9.12500	0.000000E+00
822	107.749	0.000000E+00	0.000000E+00
823	111.175	10.5000	0.000000E+00
824	107.749	0.750000	0.000000E+00
825	111.175	11.2500	0.000000E+00
826	107.582	2.12500	0.000000E+00
827	107.582	5.62500	0.000000E+00
828	107.749	9.12500	0.000000E+00
829	112.325	2.12500	0.000000E+00
830	107.749	10.5000	0.000000E+00
831	112.325	9.12500	0.000000E+00
832	108.749	3.12500	0.000000E+00
833	111.175	5.62500	0.000000E+00
834	108.749	6.62500	0.000000E+00
835	113.602	2.12500	0.000000E+00
836	108.749	10.1250	0.000000E+00
837	113.602	9.12500	0.000000E+00
838	110.175	0.000000E+00	0.000000E+00
839	110.175	0.750000	0.000000E+00
840	111.175	5.62500	-1.00000
841	116.028	0.000000E+00	0.000000E+00
842	110.008	2.12500	-1.00000
843	116.028	0.750000	0.000000E+00
844	110.008	2.12500	0.000000E+00
845	116.028	2.12500	-1.00000
846	116.028	2.12500	0.000000E+00
847	110.008	5.62500	-1.00000
848	110.008	5.62500	0.000000E+00
849	110.175	9.12500	0.000000E+00
850	110.175	10.5000	0.000000E+00
851	111.175	3.12500	0.000000E+00
852	111.175	6.62500	0.000000E+00
853	111.175	10.1250	0.000000E+00
854	112.325	3.12500	0.000000E+00
855	112.325	6.62500	0.000000E+00
856	112.325	10.1250	0.000000E+00
857	116.028	9.12500	-1.00000
858	116.028	9.12500	0.000000E+00
859	112.602	0.000000E+00	0.000000E+00
860	116.028	10.5000	0.000000E+00
861	112.602	0.750000	0.000000E+00
862	116.028	11.2500	0.000000E+00
863	112.435	2.12500	0.000000E+00
864	112.435	5.62500	0.000000E+00
865	112.602	9.12500	0.000000E+00
866	118.455	2.12500	0.000000E+00
867	112.602	10.5000	0.000000E+00
868	118.455	9.12500	0.000000E+00

869	113.602	3.12500	0.000000E+00
870	116.028	5.62500	0.000000E+00
871	113.602	6.62500	0.000000E+00
872	120.881	0.000000E+00	0.000000E+00
873	113.602	10.12500	0.000000E+00
874	120.881	0.750000	0.000000E+00
875	115.028	0.000000E+00	0.000000E+00
876	120.881	2.12500	-1.00000
877	120.881	2.12500	0.000000E+00
878	115.028	0.750000	0.000000E+00
879	116.028	5.62500	-1.00000
880	114.861	2.12500	-1.00000
881	114.861	2.12500	0.000000E+00
882	114.861	5.62500	-1.00000
883	114.861	5.62500	0.000000E+00
884	115.028	9.12500	0.000000E+00
885	115.028	10.5000	0.000000E+00
886	116.028	3.12500	0.000000E+00
887	116.028	6.62500	0.000000E+00
888	120.881	9.12500	-1.00000
889	120.881	9.12500	0.000000E+00
890	116.028	10.1250	0.000000E+00
891	120.881	10.5000	0.000000E+00
892	117.455	0.000000E+00	0.000000E+00
893	120.881	11.2500	0.000000E+00
894	117.455	0.750000	0.000000E+00
895	117.288	2.12500	0.000000E+00
896	117.288	5.62500	0.000000E+00
897	123.307	2.12500	0.000000E+00
898	117.455	9.12500	0.000000E+00
899	123.307	9.12500	0.000000E+00
900	117.455	10.5000	0.000000E+00
901	118.455	3.12500	0.000000E+00
902	120.881	5.62500	0.000000E+00
903	124.582	2.12500	0.000000E+00
904	118.455	6.62500	0.000000E+00
905	124.582	9.12500	0.000000E+00
906	118.455	10.1250	0.000000E+00
907	119.881	0.000000E+00	0.000000E+00
908	119.881	0.750000	0.000000E+00
909	125.734	0.000000E+00	0.000000E+00
910	120.881	5.62500	-1.00000
911	125.734	0.750000	0.000000E+00
912	119.714	2.12500	-1.00000
913	125.734	2.12500	-1.00000
914	125.734	2.12500	0.000000E+00
915	119.714	2.12500	0.000000E+00
916	119.714	5.62500	-1.00000
917	119.714	5.62500	0.000000E+00
918	119.881	9.12500	0.000000E+00
919	119.881	10.5000	0.000000E+00
920	120.881	3.12500	0.000000E+00
921	120.881	6.62500	0.000000E+00
922	120.881	10.1250	0.000000E+00
923	122.307	0.000000E+00	0.000000E+00
924	122.307	0.750000	0.000000E+00
925	125.734	9.12500	-1.00000
926	125.734	9.12500	0.000000E+00
927	122.141	2.12500	0.000000E+00
928	125.734	10.5000	0.000000E+00
929	122.141	5.62500	0.000000E+00
930	125.734	11.2500	0.000000E+00
931	122.307	9.12500	0.000000E+00
932	122.307	10.5000	0.000000E+00
933	123.307	3.12500	0.000000E+00
934	128.160	2.12500	0.000000E+00
935	123.307	6.62500	0.000000E+00
936	128.160	9.12500	0.000000E+00
937	123.307	10.1250	0.000000E+00
938	124.582	3.12500	0.000000E+00
939	125.734	5.62500	0.000000E+00
940	130.587	0.000000E+00	0.000000E+00
941	124.582	6.62500	0.000000E+00
942	130.587	0.750000	0.000000E+00
943	124.582	10.1250	0.000000E+00
944	34.5470	9.12500	-2.50000
945	33.5470	10.1250	-2.50000
946	130.587	2.12500	-1.00000
947	130.587	2.12500	0.000000E+00
948	124.734	0.000000E+00	0.000000E+00
949	124.734	0.750000	0.000000E+00
950	125.734	5.62500	-1.00000
951	124.567	2.12500	-1.00000
952	83.0570	2.12500	-2.50000
953	82.0570	3.12500	-2.50000
954	124.567	2.12500	0.000000E+00
955	124.567	5.62500	-1.00000
956	124.567	5.62500	0.000000E+00
957	124.734	9.12500	0.000000E+00
958	124.734	10.5000	0.000000E+00
959	125.734	3.12500	0.000000E+00
960	83.0570	9.12500	-2.50000
961	82.0570	10.1250	-2.50000
962	130.587	9.12500	-1.00000
963	130.587	9.12500	0.000000E+00
964	125.734	6.62500	0.000000E+00
965	130.587	10.5000	0.000000E+00
966	125.734	10.1250	0.000000E+00
967	130.587	11.2500	0.000000E+00
968	127.160	0.000000E+00	0.000000E+00
969	127.160	0.750000	0.000000E+00
970	126.994	2.12500	0.000000E+00
971	133.015	2.12500	0.000000E+00
972	126.994	5.62500	0.000000E+00
973	133.015	9.12500	0.000000E+00

974	127.160	9.12500	0.000000E+00
975	127.160	10.5000	0.000000E+00
976	128.160	3.12500	0.000000E+00
977	135.442	0.000000E+00	0.000000E+00
978	130.587	5.62500	0.000000E+00
979	135.442	0.750000	0.000000E+00
980	128.160	6.62500	0.000000E+00
981	135.442	2.12500	-1.00000
982	135.442	2.12500	0.000000E+00
983	128.160	10.1250	0.000000E+00
984	129.587	0.000000E+00	0.000000E+00
985	129.587	0.750000	0.000000E+00
986	130.587	5.62500	-1.00000
987	129.420	2.12500	-1.00000
988	129.420	2.12500	0.000000E+00
989	129.420	5.62500	-1.00000
990	129.420	5.62500	0.000000E+00
991	129.587	9.12500	0.000000E+00
992	129.587	10.5000	0.000000E+00
993	135.442	9.12500	-1.00000
994	135.442	9.12500	0.000000E+00
995	130.587	3.12500	0.000000E+00
996	135.442	10.5000	0.000000E+00
997	130.587	6.62500	0.000000E+00
998	135.442	11.2500	0.000000E+00
999	130.587	10.1250	0.000000E+00
1000	132.014	0.000000E+00	0.000000E+00
1001	132.014	0.750000	0.000000E+00
1002	136.594	2.12500	0.000000E+00
1003	131.848	2.12500	0.000000E+00
1004	136.594	9.12500	0.000000E+00
1005	131.848	5.62500	0.000000E+00
1006	132.014	9.12500	0.000000E+00
1007	132.014	10.5000	0.000000E+00
1008	137.869	2.12500	0.000000E+00
1009	133.015	3.12500	0.000000E+00
1010	137.869	9.12500	0.000000E+00
1011	135.442	5.62500	0.000000E+00
1012	133.015	6.62500	0.000000E+00
1013	133.015	10.1250	0.000000E+00
1014	140.297	0.000000E+00	0.000000E+00
1015	134.442	0.000000E+00	0.000000E+00
1016	140.297	0.750000	0.000000E+00
1017	134.442	0.750000	0.000000E+00
1018	140.297	2.12500	-1.00000
1019	140.297	2.12500	0.000000E+00
1020	135.442	5.62500	-1.00000
1021	134.275	2.12500	-1.00000
1022	134.275	2.12500	0.000000E+00
1023	134.275	5.62500	-1.00000
1024	134.275	5.62500	0.000000E+00
1025	134.442	9.12500	0.000000E+00
1026	134.442	10.5000	0.000000E+00
1027	135.442	3.12500	0.000000E+00
1028	135.442	6.62500	0.000000E+00
1029	135.442	10.1250	0.000000E+00
1030	140.297	9.12500	-1.00000
1031	140.297	9.12500	0.000000E+00
1032	136.594	3.12500	0.000000E+00
1033	140.297	10.5000	0.000000E+00
1034	136.594	6.62500	0.000000E+00
1035	140.297	11.2500	0.000000E+00
1036	136.594	10.1250	0.000000E+00
1037	136.869	0.000000E+00	0.000000E+00
1038	136.869	0.750000	0.000000E+00
1039	142.724	2.12500	0.000000E+00
1040	136.703	2.12500	0.000000E+00
1041	142.724	9.12500	0.000000E+00
1042	136.703	5.62500	0.000000E+00
1043	136.869	9.12500	0.000000E+00
1044	136.869	10.5000	0.000000E+00
1045	145.152	0.000000E+00	0.000000E+00
1046	137.869	3.12500	0.000000E+00
1047	145.152	0.750000	0.000000E+00
1048	140.297	5.62500	0.000000E+00
1049	145.152	2.12500	-1.00000
1050	145.152	2.12500	0.000000E+00
1051	137.869	6.62500	0.000000E+00
1052	137.869	10.1250	0.000000E+00
1053	139.297	0.000000E+00	0.000000E+00
1054	139.297	0.750000	0.000000E+00
1055	140.297	5.62500	-1.00000
1056	139.130	2.12500	-1.00000
1057	139.130	2.12500	0.000000E+00
1058	139.130	5.62500	-1.00000
1059	139.130	5.62500	0.000000E+00
1060	139.297	9.12500	0.000000E+00
1061	145.152	9.12500	-1.00000
1062	145.152	9.12500	0.000000E+00
1063	139.297	10.5000	0.000000E+00
1064	145.152	10.5000	0.000000E+00
1065	140.297	3.12500	0.000000E+00
1066	145.152	11.2500	0.000000E+00
1067	140.297	6.62500	0.000000E+00
1068	140.297	10.1250	0.000000E+00
1069	141.724	0.000000E+00	0.000000E+00
1070	147.579	2.12500	0.000000E+00
1071	141.724	0.750000	0.000000E+00
1072	147.579	9.12500	0.000000E+00
1073	141.558	2.12500	0.000000E+00
1074	141.558	5.62500	0.000000E+00
1075	141.724	9.12500	0.000000E+00
1076	148.856	2.12500	0.000000E+00
1077	141.724	10.5000	0.000000E+00
1078	148.856	9.12500	0.000000E+00

1079	142.724	3.12500	0.000000E+00
1080	145.152	5.62500	0.000000E+00
1081	142.724	6.62500	0.000000E+00
1082	150.007	0.000000E+00	0.000000E+00
1083	142.724	10.12500	0.000000E+00
1084	150.007	0.750000	0.000000E+00
1085	144.152	0.000000E+00	0.000000E+00
1086	150.007	2.12500	-1.000000
1087	150.007	2.12500	0.000000E+00
1088	144.152	0.750000	0.000000E+00
1089	145.152	5.62500	-1.000000
1090	143.985	2.12500	-1.000000
1091	143.985	2.12500	0.000000E+00
1092	143.985	5.62500	-1.000000
1093	143.985	5.62500	0.000000E+00
1094	144.152	9.12500	0.000000E+00
1095	144.152	10.50000	0.000000E+00
1096	145.152	3.12500	0.000000E+00
1097	145.152	6.62500	0.000000E+00
1098	150.007	9.12500	-1.000000
1099	150.007	9.12500	0.000000E+00
1100	145.152	10.12500	0.000000E+00
1101	150.007	10.50000	0.000000E+00
1102	146.579	0.000000E+00	0.000000E+00
1103	150.007	11.25000	0.000000E+00
1104	146.579	0.750000	0.000000E+00
1105	146.413	2.12500	0.000000E+00
1106	146.413	5.62500	0.000000E+00
1107	152.435	2.12500	0.000000E+00
1108	146.579	9.12500	0.000000E+00
1109	152.435	9.12500	0.000000E+00
1110	146.579	10.50000	0.000000E+00
1111	147.579	3.12500	0.000000E+00
1112	147.579	6.62500	0.000000E+00
1113	154.862	0.000000E+00	0.000000E+00
1114	147.579	10.12500	0.000000E+00
1115	154.862	0.750000	0.000000E+00
1116	148.856	3.12500	0.000000E+00
1117	154.862	2.12500	-1.000000
1118	154.862	2.12500	0.000000E+00
1119	150.007	5.62500	0.000000E+00
1120	148.856	6.62500	0.000000E+00
1121	148.856	10.12500	0.000000E+00
1122	149.007	0.000000E+00	0.000000E+00
1123	149.007	0.750000	0.000000E+00
1124	150.007	5.62500	-1.000000
1125	148.840	2.12500	-1.000000
1126	148.840	2.12500	0.000000E+00
1127	148.840	5.62500	-1.000000
1128	148.840	5.62500	0.000000E+00
1129	154.862	9.12500	-1.000000
1130	154.862	9.12500	0.000000E+00
1131	149.007	9.12500	0.000000E+00
1132	154.862	10.50000	0.000000E+00
1133	149.007	10.50000	0.000000E+00
1134	154.862	11.25000	0.000000E+00
1135	150.007	3.12500	0.000000E+00
1136	150.007	6.62500	0.000000E+00
1137	150.007	10.12500	0.000000E+00
1138	157.290	2.12500	0.000000E+00
1139	151.435	0.000000E+00	0.000000E+00
1140	157.290	9.12500	0.000000E+00
1141	151.435	0.750000	0.000000E+00
1142	151.268	2.12500	0.000000E+00
1143	151.268	5.62500	0.000000E+00
1144	159.717	0.000000E+00	0.000000E+00
1145	151.435	9.12500	0.000000E+00
1146	159.717	0.750000	0.000000E+00
1147	151.435	10.50000	0.000000E+00
1148	159.717	2.12500	-1.000000
1149	159.717	2.12500	0.000000E+00
1150	152.435	3.12500	0.000000E+00
1151	154.862	5.62500	0.000000E+00
1152	152.435	6.62500	0.000000E+00
1153	152.435	10.12500	0.000000E+00
1154	153.862	0.000000E+00	0.000000E+00
1155	153.862	0.750000	0.000000E+00
1156	154.862	5.62500	-1.000000
1157	153.695	2.12500	-1.000000
1158	153.695	2.12500	0.000000E+00
1159	153.695	5.62500	-1.000000
1160	159.717	9.12500	-1.000000
1161	159.717	9.12500	0.000000E+00
1162	153.695	5.62500	0.000000E+00
1163	159.717	10.50000	0.000000E+00
1164	153.862	9.12500	0.000000E+00
1165	159.717	11.25000	0.000000E+00
1166	153.862	10.50000	0.000000E+00
1167	154.862	3.12500	0.000000E+00
1168	154.862	6.62500	0.000000E+00
1169	160.868	2.12500	0.000000E+00
1170	154.862	10.12500	0.000000E+00
1171	160.868	9.12500	0.000000E+00
1172	156.290	0.000000E+00	0.000000E+00
1173	156.290	0.750000	0.000000E+00
1174	156.123	2.12500	0.000000E+00
1175	162.144	2.12500	0.000000E+00
1176	156.123	5.62500	0.000000E+00
1177	162.144	9.12500	0.000000E+00
1178	156.290	9.12500	0.000000E+00
1179	156.290	10.50000	0.000000E+00
1180	157.290	3.12500	0.000000E+00
1181	164.572	0.000000E+00	0.000000E+00
1182	159.717	5.62500	0.000000E+00
1183	164.572	0.750000	0.000000E+00

1184	157.290	6.62500	0.000000E+00
1185	164.572	2.12500	-1.00000
1186	164.572	2.12500	0.000000E+00
1187	157.290	10.1250	0.000000E+00
1188	158.717	0.000000E+00	0.000000E+00
1189	158.717	0.750000	0.000000E+00
1190	159.717	5.62500	-1.00000
1191	158.550	2.12500	-1.00000
1192	158.550	2.12500	0.000000E+00
1193	158.550	5.62500	-1.00000
1194	158.550	5.62500	0.000000E+00
1195	158.717	9.12500	0.000000E+00
1196	158.717	10.5000	0.000000E+00
1197	164.572	9.12500	-1.00000
1198	164.572	9.12500	0.000000E+00
1199	159.717	3.12500	0.000000E+00
1200	164.572	10.5000	0.000000E+00
1201	159.717	6.62500	0.000000E+00
1202	164.572	11.2500	0.000000E+00
1203	159.717	10.1250	0.000000E+00
1204	160.868	3.12500	0.000000E+00
1205	160.868	6.62500	0.000000E+00
1206	166.999	2.12500	0.000000E+00
1207	160.868	10.1250	0.000000E+00
1208	166.999	9.12500	0.000000E+00
1209	161.144	0.000000E+00	0.000000E+00
1210	161.144	0.750000	0.000000E+00
1211	160.978	2.12500	0.000000E+00
1212	169.427	0.000000E+00	0.000000E+00
1213	160.978	5.62500	0.000000E+00
1214	169.427	0.750000	0.000000E+00
1215	161.144	9.12500	0.000000E+00
1216	169.427	2.12500	-1.00000
1217	169.427	2.12500	0.000000E+00
1218	161.144	10.5000	0.000000E+00
1219	162.144	3.12500	0.000000E+00
1220	164.572	5.62500	0.000000E+00
1221	162.144	6.62500	0.000000E+00
1222	162.144	10.1250	0.000000E+00
1223	163.572	0.000000E+00	0.000000E+00
1224	163.572	0.750000	0.000000E+00
1225	164.572	5.62500	-1.00000
1226	163.405	2.12500	-1.00000
1227	163.405	2.12500	0.000000E+00
1228	169.427	9.12500	-1.00000
1229	169.427	9.12500	0.000000E+00
1230	163.405	5.62500	-1.00000
1231	169.427	10.5000	0.000000E+00
1232	163.405	5.62500	0.000000E+00
1233	169.427	11.2500	0.000000E+00
1234	163.572	9.12500	0.000000E+00
1235	163.572	10.5000	0.000000E+00
1236	164.572	3.12500	0.000000E+00
1237	171.855	2.12500	0.000000E+00
1238	164.572	6.62500	0.000000E+00
1239	171.855	9.12500	0.000000E+00
1240	164.572	10.1250	0.000000E+00
1241	165.999	0.000000E+00	0.000000E+00
1242	165.999	0.750000	0.000000E+00
1243	173.130	2.12500	0.000000E+00
1244	165.833	2.12500	0.000000E+00
1245	173.130	9.12500	0.000000E+00
1246	165.833	5.62500	0.000000E+00
1247	165.999	9.12500	0.000000E+00
1248	165.999	10.5000	0.000000E+00
1249	174.282	0.000000E+00	0.000000E+00
1250	166.999	3.12500	0.000000E+00
1251	174.282	0.750000	0.000000E+00
1252	169.427	5.62500	0.000000E+00
1253	174.282	2.12500	-1.00000
1254	174.282	2.12500	0.000000E+00
1255	166.999	6.62500	0.000000E+00
1256	166.999	10.1250	0.000000E+00
1257	168.427	0.000000E+00	0.000000E+00
1258	168.427	0.750000	0.000000E+00
1259	169.427	5.62500	-1.00000
1260	168.260	2.12500	-1.00000
1261	168.260	2.12500	0.000000E+00
1262	168.260	5.62500	-1.00000
1263	168.260	5.62500	0.000000E+00
1264	168.427	9.12500	0.000000E+00
1265	174.282	9.12500	-1.00000
1266	174.282	9.12500	0.000000E+00
1267	168.427	10.5000	0.000000E+00
1268	174.282	10.5000	0.000000E+00
1269	169.427	3.12500	0.000000E+00
1270	174.282	11.2500	0.000000E+00
1271	169.427	6.62500	0.000000E+00
1272	169.427	10.1250	0.000000E+00
1273	170.855	0.000000E+00	0.000000E+00
1274	176.710	2.12500	0.000000E+00
1275	170.855	0.750000	0.000000E+00
1276	176.710	9.12500	0.000000E+00
1277	170.688	2.12500	0.000000E+00
1278	170.688	5.62500	0.000000E+00
1279	170.855	9.12500	0.000000E+00
1280	179.137	0.000000E+00	0.000000E+00
1281	170.855	10.5000	0.000000E+00
1282	179.137	0.750000	0.000000E+00
1283	171.855	3.12500	0.000000E+00
1284	131.587	2.12500	-2.50000
1285	130.587	3.12500	-2.50000
1286	179.137	2.12500	-1.00000
1287	179.137	2.12500	0.000000E+00
1288	171.855	6.62500	0.000000E+00

1289	171.855	10.1250	0.000000E+00
1290	173.130	3.12500	0.000000E+00
1291	174.282	5.62500	0.000000E+00
1292	131.587	9.12500	-2.50000
1293	130.587	10.1250	-2.50000
1294	173.130	6.62500	0.000000E+00
1295	173.130	10.1250	0.000000E+00
1296	173.282	0.000000E+00	0.000000E+00
1297	173.282	0.750000	0.000000E+00
1298	174.282	5.62500	-1.00000
1299	173.115	2.12500	-1.00000
1300	180.137	2.12500	-2.50000
1301	179.137	3.12500	-2.50000
1302	179.137	9.12500	-1.00000
1303	179.137	9.12500	0.000000E+00
1304	173.115	2.12500	0.000000E+00
1305	179.137	10.5000	0.000000E+00
1306	173.115	5.62500	-1.00000
1307	179.137	11.2500	0.000000E+00
1308	173.115	5.62500	0.000000E+00
1309	173.282	9.12500	0.000000E+00
1310	173.282	10.5000	0.000000E+00
1311	181.566	2.12500	0.000000E+00
1312	174.282	3.12500	0.000000E+00
1313	181.566	9.12500	0.000000E+00
1314	174.282	6.62500	0.000000E+00
1315	174.282	10.1250	0.000000E+00
1316	175.710	0.000000E+00	0.000000E+00
1317	183.994	0.000000E+00	0.000000E+00
1318	175.710	0.750000	0.000000E+00
1319	183.994	0.750000	0.000000E+00
1320	175.543	2.12500	0.000000E+00
1321	183.994	2.12500	-1.00000
1322	183.994	2.12500	0.000000E+00
1323	175.543	5.62500	0.000000E+00
1324	175.710	9.12500	0.000000E+00
1325	175.710	10.5000	0.000000E+00
1326	176.710	3.12500	0.000000E+00
1327	179.137	5.62500	0.000000E+00
1328	176.710	6.62500	0.000000E+00
1329	176.710	10.1250	0.000000E+00
1330	178.137	0.000000E+00	0.000000E+00
1331	178.137	0.750000	0.000000E+00
1332	179.137	5.62500	-1.00000
1333	183.994	9.12500	-1.00000
1334	183.994	9.12500	0.000000E+00
1335	177.970	2.12500	-1.00000
1336	183.994	10.5000	0.000000E+00
1337	177.970	2.12500	0.000000E+00
1338	183.994	11.2500	0.000000E+00
1339	177.970	5.62500	-1.00000
1340	177.970	5.62500	0.000000E+00
1341	178.137	9.12500	0.000000E+00
1342	185.147	2.12500	0.000000E+00
1343	178.137	10.5000	0.000000E+00
1344	185.147	9.12500	0.000000E+00
1345	179.137	3.12500	0.000000E+00
1346	179.137	6.62500	0.000000E+00
1347	179.137	10.1250	0.000000E+00
1348	186.423	2.12500	0.000000E+00
1349	180.566	0.000000E+00	0.000000E+00
1350	186.423	9.12500	0.000000E+00
1351	180.566	0.750000	0.000000E+00
1352	180.399	2.12500	0.000000E+00
1353	180.399	5.62500	0.000000E+00
1354	188.851	0.000000E+00	0.000000E+00
1355	180.566	9.12500	0.000000E+00
1356	188.851	0.750000	0.000000E+00
1357	180.566	10.5000	0.000000E+00
1358	188.851	2.12500	-1.00000
1359	188.851	2.12500	0.000000E+00
1360	181.566	3.12500	0.000000E+00
1361	183.994	5.62500	0.000000E+00
1362	181.566	6.62500	0.000000E+00
1363	181.566	10.1250	0.000000E+00
1364	182.994	0.000000E+00	0.000000E+00
1365	182.994	0.750000	0.000000E+00
1366	183.994	5.62500	-1.00000
1367	182.827	2.12500	-1.00000
1368	182.827	2.12500	0.000000E+00
1369	182.827	5.62500	-1.00000
1370	188.851	9.12500	-1.00000
1371	188.851	9.12500	0.000000E+00
1372	182.827	5.62500	0.000000E+00
1373	188.851	10.5000	0.000000E+00
1374	182.994	9.12500	0.000000E+00
1375	188.851	11.2500	0.000000E+00
1376	182.994	10.5000	0.000000E+00
1377	183.994	3.12500	0.000000E+00
1378	183.994	6.62500	0.000000E+00
1379	191.279	2.12500	0.000000E+00
1380	183.994	10.1250	0.000000E+00
1381	191.279	9.12500	0.000000E+00
1382	185.147	3.12500	0.000000E+00
1383	185.147	6.62500	0.000000E+00
1384	185.147	10.1250	0.000000E+00
1385	193.708	0.000000E+00	0.000000E+00
1386	185.423	0.000000E+00	0.000000E+00
1387	193.708	0.750000	0.000000E+00
1388	185.423	0.750000	0.000000E+00
1389	193.708	2.12500	-1.00000
1390	193.708	2.12500	0.000000E+00
1391	185.256	2.12500	0.000000E+00
1392	185.256	5.62500	0.000000E+00
1393	185.423	9.12500	0.000000E+00



1394	185.423	10.5000	0.000000E+00
1395	186.423	3.12500	0.000000E+00
1396	188.851	5.62500	0.000000E+00
1397	186.423	6.62500	0.000000E+00
1398	186.423	10.1250	0.000000E+00
1399	187.851	0.000000E+00	0.000000E+00
1400	187.851	0.750000	0.000000E+00
1401	193.708	9.12500	-1.00000
1402	193.708	9.12500	0.000000E+00
1403	188.851	5.62500	-1.00000
1404	193.708	10.5000	0.000000E+00
1405	187.684	2.12500	-1.00000
1406	193.708	11.2500	0.000000E+00
1407	187.684	2.12500	0.000000E+00
1408	187.684	5.62500	-1.00000
1409	187.684	5.62500	0.000000E+00
1410	196.136	2.12500	0.000000E+00
1411	187.851	9.12500	0.000000E+00
1412	196.136	9.12500	0.000000E+00
1413	187.851	10.5000	0.000000E+00
1414	188.851	3.12500	0.000000E+00
1415	188.851	6.62500	0.000000E+00
1416	197.414	2.12500	0.000000E+00
1417	188.851	10.1250	0.000000E+00
1418	197.414	9.12500	0.000000E+00
1419	190.279	0.000000E+00	0.000000E+00
1420	190.279	0.750000	0.000000E+00
1421	190.113	2.12500	0.000000E+00
1422	198.565	0.000000E+00	0.000000E+00
1423	190.113	5.62500	0.000000E+00
1424	198.565	0.750000	0.000000E+00
1425	190.279	9.12500	0.000000E+00
1426	198.565	2.12500	-1.00000
1427	198.565	2.12500	0.000000E+00
1428	190.279	10.5000	0.000000E+00
1429	191.279	3.12500	0.000000E+00
1430	193.708	5.62500	0.000000E+00
1431	191.279	6.62500	0.000000E+00
1432	191.279	10.1250	0.000000E+00
1433	192.708	0.000000E+00	0.000000E+00
1434	192.708	0.750000	0.000000E+00
1435	193.708	5.62500	-1.00000
1436	192.541	2.12500	-1.00000
1437	192.541	2.12500	0.000000E+00
1438	198.565	9.12500	-1.00000
1439	198.565	9.12500	0.000000E+00
1440	192.541	5.62500	-1.00000
1441	198.565	10.5000	0.000000E+00
1442	192.541	5.62500	0.000000E+00
1443	198.565	11.2500	0.000000E+00
1444	192.708	9.12500	0.000000E+00
1445	192.708	10.5000	0.000000E+00
1446	193.708	3.12500	0.000000E+00
1447	200.994	2.12500	0.000000E+00
1448	193.708	6.62500	0.000000E+00
1449	200.994	9.12500	0.000000E+00
1450	193.708	10.1250	0.000000E+00
1451	195.136	0.000000E+00	0.000000E+00
1452	195.136	0.750000	0.000000E+00
1453	203.422	0.000000E+00	0.000000E+00
1454	194.970	2.12500	0.000000E+00
1455	203.422	0.750000	0.000000E+00
1456	194.970	5.62500	0.000000E+00
1457	203.422	2.12500	-1.00000
1458	203.422	2.12500	0.000000E+00
1459	195.136	9.12500	0.000000E+00
1460	195.136	10.5000	0.000000E+00
1461	196.136	3.12500	0.000000E+00
1462	196.136	6.62500	0.000000E+00
1463	196.136	10.1250	0.000000E+00
1464	197.414	3.12500	0.000000E+00
1465	198.565	5.62500	0.000000E+00
1466	197.414	6.62500	0.000000E+00
1467	197.414	10.1250	0.000000E+00
1468	197.565	0.000000E+00	0.000000E+00
1469	203.422	9.12500	-1.00000
1470	203.422	9.12500	0.000000E+00
1471	197.565	0.750000	0.000000E+00
1472	203.422	10.5000	0.000000E+00
1473	198.565	5.62500	-1.00000
1474	203.422	11.2500	0.000000E+00
1475	197.398	2.12500	-1.00000
1476	197.398	2.12500	0.000000E+00
1477	197.398	5.62500	-1.00000
1478	205.850	2.12500	0.000000E+00
1479	197.398	5.62500	0.000000E+00
1480	205.850	9.12500	0.000000E+00
1481	197.565	9.12500	0.000000E+00
1482	197.565	10.5000	0.000000E+00
1483	198.565	3.12500	0.000000E+00
1484	208.279	0.000000E+00	0.000000E+00
1485	198.565	6.62500	0.000000E+00
1486	208.279	0.750000	0.000000E+00
1487	198.565	10.1250	0.000000E+00
1488	208.279	2.12500	-1.00000
1489	208.279	2.12500	0.000000E+00
1490	199.993	0.000000E+00	0.000000E+00
1491	199.993	0.750000	0.000000E+00
1492	199.827	2.12500	0.000000E+00
1493	199.827	5.62500	0.000000E+00
1494	199.993	9.12500	0.000000E+00
1495	199.993	10.5000	0.000000E+00
1496	200.994	3.12500	0.000000E+00
1497	203.422	5.62500	0.000000E+00
1498	200.994	6.62500	0.000000E+00

1499	200.994	10.1250	0.000000E+00
1500	208.279	9.12500	-1.00000
1501	208.279	9.12500	0.000000E+00
1502	202.422	0.000000E+00	0.000000E+00
1503	208.279	10.5000	0.000000E+00
1504	202.422	0.750000	0.000000E+00
1505	208.279	11.2500	0.000000E+00
1506	203.422	5.62500	-1.00000
1507	202.255	2.12500	-1.00000
1508	202.255	2.12500	0.000000E+00
1509	209.430	2.12500	0.000000E+00
1510	202.255	5.62500	-1.00000
1511	209.430	9.12500	0.000000E+00
1512	202.255	5.62500	0.000000E+00
1513	202.422	9.12500	0.000000E+00
1514	202.422	10.5000	0.000000E+00
1515	210.708	2.12500	0.000000E+00
1516	203.422	3.12500	0.000000E+00
1517	210.708	9.12500	0.000000E+00
1518	203.422	6.62500	0.000000E+00
1519	203.422	10.1250	0.000000E+00
1520	204.851	0.000000E+00	0.000000E+00
1521	213.136	0.000000E+00	0.000000E+00
1522	204.851	0.750000	0.000000E+00
1523	213.136	0.750000	0.000000E+00
1524	204.684	2.12500	0.000000E+00
1525	213.136	2.12500	-1.00000
1526	213.136	2.12500	0.000000E+00
1527	204.684	5.62500	0.000000E+00
1528	204.851	9.12500	0.000000E+00
1529	204.851	10.5000	0.000000E+00
1530	205.850	3.12500	0.000000E+00
1531	208.279	5.62500	0.000000E+00
1532	205.850	6.62500	0.000000E+00
1533	205.850	10.1250	0.000000E+00
1534	207.279	0.000000E+00	0.000000E+00
1535	207.279	0.750000	0.000000E+00
1536	208.279	5.62500	-1.00000
1537	213.136	9.12500	-1.00000
1538	213.136	9.12500	0.000000E+00
1539	207.112	2.12500	-1.00000
1540	213.136	10.5000	0.000000E+00
1541	207.112	2.12500	0.000000E+00
1542	213.136	11.2500	0.000000E+00
1543	207.112	5.62500	-1.00000
1544	207.112	5.62500	0.000000E+00
1545	207.279	9.12500	0.000000E+00
1546	215.564	2.12500	0.000000E+00
1547	207.279	10.5000	0.000000E+00
1548	215.564	9.12500	0.000000E+00
1549	208.279	3.12500	0.000000E+00
1550	208.279	6.62500	0.000000E+00
1551	208.279	10.1250	0.000000E+00
1552	217.993	0.000000E+00	0.000000E+00
1553	209.430	3.12500	0.000000E+00
1554	217.993	0.750000	0.000000E+00
1555	209.430	6.62500	0.000000E+00
1556	217.993	2.12500	-1.00000
1557	217.993	2.12500	0.000000E+00
1558	209.430	10.1250	0.000000E+00
1559	209.707	0.000000E+00	0.000000E+00
1560	209.707	0.750000	0.000000E+00
1561	209.541	2.12500	0.000000E+00
1562	209.541	5.62500	0.000000E+00
1563	209.707	9.12500	0.000000E+00
1564	209.707	10.5000	0.000000E+00
1565	210.708	3.12500	0.000000E+00
1566	213.136	5.62500	0.000000E+00
1567	210.708	6.62500	0.000000E+00
1568	217.993	9.12500	-1.00000
1569	217.993	9.12500	0.000000E+00
1570	210.708	10.1250	0.000000E+00
1571	217.993	10.5000	0.000000E+00
1572	212.136	0.000000E+00	0.000000E+00
1573	217.993	11.2500	0.000000E+00
1574	212.136	0.750000	0.000000E+00
1575	213.136	5.62500	-1.00000
1576	211.969	2.12500	-1.00000
1577	220.422	2.12500	0.000000E+00
1578	211.969	2.12500	0.000000E+00
1579	220.422	9.12500	0.000000E+00
1580	211.969	5.62500	-1.00000
1581	211.969	5.62500	0.000000E+00
1582	212.136	9.12500	0.000000E+00
1583	221.697	2.12500	0.000000E+00
1584	212.136	10.5000	0.000000E+00
1585	221.697	9.12500	0.000000E+00
1586	213.136	3.12500	0.000000E+00
1587	213.136	6.62500	0.000000E+00
1588	213.136	10.1250	0.000000E+00
1589	222.850	0.000000E+00	0.000000E+00
1590	214.564	0.000000E+00	0.000000E+00
1591	222.850	0.750000	0.000000E+00
1592	214.564	0.750000	0.000000E+00
1593	222.850	2.12500	-1.00000
1594	222.850	2.12500	0.000000E+00
1595	214.398	2.12500	0.000000E+00
1596	214.398	5.62500	0.000000E+00
1597	214.564	9.12500	0.000000E+00
1598	214.564	10.5000	0.000000E+00
1599	215.564	3.12500	0.000000E+00
1600	217.993	5.62500	0.000000E+00
1601	215.564	6.62500	0.000000E+00
1602	215.564	10.1250	0.000000E+00
1603	216.993	0.000000E+00	0.000000E+00

1604	216.993	0.750000	0.000000E+00
1605	222.850	9.12500	-1.00000
1606	222.850	9.12500	0.000000E+00
1607	217.993	5.62500	-1.00000
1608	222.850	10.5000	0.000000E+00
1609	216.826	2.12500	-1.00000
1610	222.850	11.2500	0.000000E+00
1611	216.826	2.12500	0.000000E+00
1612	216.826	5.62500	-1.00000
1613	216.826	5.62500	0.000000E+00
1614	225.278	2.12500	0.000000E+00
1615	216.993	9.12500	0.000000E+00
1616	225.278	9.12500	0.000000E+00
1617	216.993	10.5000	0.000000E+00
1618	217.993	3.12500	0.000000E+00
1619	217.993	6.62500	0.000000E+00
1620	227.707	0.000000E+00	0.000000E+00
1621	217.993	10.1250	0.000000E+00
1622	227.707	0.750000	0.000000E+00
1623	219.421	0.000000E+00	0.000000E+00
1624	180.137	9.12500	-2.50000
1625	179.137	10.1250	-2.50000
1626	227.707	2.12500	-1.00000
1627	227.707	2.12500	0.000000E+00
1628	219.421	0.750000	0.000000E+00
1629	219.255	2.12500	0.000000E+00
1630	219.255	5.62500	0.000000E+00
1631	219.421	9.12500	0.000000E+00
1632	228.707	2.12500	-2.50000
1633	227.707	3.12500	-2.50000
1634	219.421	10.5000	0.000000E+00
1635	220.422	3.12500	0.000000E+00
1636	220.422	6.62500	0.000000E+00
1637	220.422	10.1250	0.000000E+00
1638	221.697	3.12500	0.000000E+00
1639	222.850	5.62500	0.000000E+00
1640	228.707	9.12500	-2.50000
1641	227.707	10.1250	-2.50000
1642	227.707	9.12500	-1.00000
1643	227.707	9.12500	0.000000E+00
1644	221.697	6.62500	0.000000E+00
1645	227.707	10.5000	0.000000E+00
1646	221.697	10.1250	0.000000E+00
1647	227.707	11.2500	0.000000E+00
1648	221.850	0.000000E+00	0.000000E+00
1649	221.850	0.750000	0.000000E+00
1650	222.850	5.62500	-1.00000
1651	230.136	2.12500	0.000000E+00
1652	221.683	2.12500	-1.00000
1653	230.136	9.12500	0.000000E+00
1654	221.683	2.12500	0.000000E+00
1655	221.683	5.62500	-1.00000
1656	221.683	5.62500	0.000000E+00
1657	232.565	0.000000E+00	0.000000E+00
1658	221.850	9.12500	0.000000E+00
1659	232.565	0.750000	0.000000E+00
1660	221.850	10.5000	0.000000E+00
1661	232.565	2.12500	-1.00000
1662	232.565	2.12500	0.000000E+00
1663	222.850	3.12500	0.000000E+00
1664	222.850	6.62500	0.000000E+00
1665	222.850	10.1250	0.000000E+00
1666	224.279	0.000000E+00	0.000000E+00
1667	224.279	0.750000	0.000000E+00
1668	224.112	2.12500	0.000000E+00
1669	224.112	5.62500	0.000000E+00
1670	224.279	9.12500	0.000000E+00
1671	224.279	10.5000	0.000000E+00
1672	225.278	3.12500	0.000000E+00
1673	232.565	9.12500	-1.00000
1674	232.565	9.12500	0.000000E+00
1675	227.707	5.62500	0.000000E+00
1676	232.565	10.5000	0.000000E+00
1677	225.278	6.62500	0.000000E+00
1678	232.565	11.2500	0.000000E+00
1679	225.278	10.1250	0.000000E+00
1680	226.707	0.000000E+00	0.000000E+00
1681	226.707	0.750000	0.000000E+00
1682	233.716	2.12500	0.000000E+00
1683	227.707	5.62500	-1.00000
1684	233.716	9.12500	0.000000E+00
1685	226.540	2.12500	-1.00000
1686	226.540	2.12500	0.000000E+00
1687	226.540	5.62500	-1.00000
1688	234.994	2.12500	0.000000E+00
1689	226.540	5.62500	0.000000E+00
1690	234.994	9.12500	0.000000E+00
1691	226.707	9.12500	0.000000E+00
1692	226.707	10.5000	0.000000E+00
1693	227.707	3.12500	0.000000E+00
1694	237.423	0.000000E+00	0.000000E+00
1695	227.707	6.62500	0.000000E+00
1696	237.423	0.750000	0.000000E+00
1697	227.707	10.1250	0.000000E+00
1698	237.423	2.12500	-1.00000
1699	237.423	2.12500	0.000000E+00
1700	229.136	0.000000E+00	0.000000E+00
1701	229.136	0.750000	0.000000E+00
1702	228.969	2.12500	0.000000E+00
1703	228.969	5.62500	0.000000E+00
1704	229.136	9.12500	0.000000E+00
1705	229.136	10.5000	0.000000E+00
1706	230.136	3.12500	0.000000E+00
1707	232.565	5.62500	0.000000E+00
1708	230.136	6.62500	0.000000E+00

1709	230.136	10.1250	0.000000E+00
1710	237.423	9.12500	-1.00000
1711	237.423	9.12500	0.000000E+00
1712	231.565	0.000000E+00	0.000000E+00
1713	237.423	10.5000	0.000000E+00
1714	231.565	0.750000	0.000000E+00
1715	237.423	11.2500	0.000000E+00
1716	232.565	5.62500	-1.00000
1717	231.398	2.12500	-1.00000
1718	231.398	2.12500	0.000000E+00
1719	239.852	2.12500	0.000000E+00
1720	231.398	5.62500	-1.00000
1721	239.852	9.12500	0.000000E+00
1722	231.398	5.62500	0.000000E+00
1723	231.565	9.12500	0.000000E+00
1724	231.565	10.5000	0.000000E+00
1725	242.281	0.000000E+00	0.000000E+00
1726	232.565	3.12500	0.000000E+00
1727	242.281	0.750000	0.000000E+00
1728	232.565	6.62500	0.000000E+00
1729	242.281	2.12500	-1.00000
1730	242.281	2.12500	0.000000E+00
1731	232.565	10.1250	0.000000E+00
1732	233.716	3.12500	0.000000E+00
1733	233.716	6.62500	0.000000E+00
1734	233.716	10.1250	0.000000E+00
1735	233.994	0.000000E+00	0.000000E+00
1736	233.994	0.750000	0.000000E+00
1737	233.827	2.12500	0.000000E+00
1738	233.827	5.62500	0.000000E+00
1739	233.994	9.12500	0.000000E+00
1740	233.994	10.5000	0.000000E+00
1741	242.281	9.12500	-1.00000
1742	242.281	9.12500	0.000000E+00
1743	234.994	3.12500	0.000000E+00
1744	242.281	10.5000	0.000000E+00
1745	237.423	5.62500	0.000000E+00
1746	242.281	11.2500	0.000000E+00
1747	234.994	6.62500	0.000000E+00
1748	234.994	10.1250	0.000000E+00
1749	236.423	0.000000E+00	0.000000E+00
1750	244.710	2.12500	0.000000E+00
1751	236.423	0.750000	0.000000E+00
1752	244.710	9.12500	0.000000E+00
1753	237.423	5.62500	-1.00000
1754	236.256	2.12500	-1.00000
1755	236.256	2.12500	0.000000E+00
1756	245.987	2.12500	0.000000E+00
1757	236.256	5.62500	-1.00000
1758	245.987	9.12500	0.000000E+00
1759	236.256	5.62500	0.000000E+00
1760	236.423	9.12500	0.000000E+00
1761	236.423	10.5000	0.000000E+00
1762	247.139	0.000000E+00	0.000000E+00
1763	237.423	3.12500	0.000000E+00
1764	247.139	0.750000	0.000000E+00
1765	237.423	6.62500	0.000000E+00
1766	247.139	2.12500	-1.00000
1767	247.139	2.12500	0.000000E+00
1768	237.423	10.1250	0.000000E+00
1769	238.852	0.000000E+00	0.000000E+00
1770	238.852	0.750000	0.000000E+00
1771	238.685	2.12500	0.000000E+00
1772	238.685	5.62500	0.000000E+00
1773	238.852	9.12500	0.000000E+00
1774	238.852	10.5000	0.000000E+00
1775	239.852	3.12500	0.000000E+00
1776	242.281	5.62500	0.000000E+00
1777	239.852	6.62500	0.000000E+00
1778	247.139	9.12500	-1.00000
1779	247.139	9.12500	0.000000E+00
1780	239.852	10.1250	0.000000E+00
1781	247.139	10.5000	0.000000E+00
1782	241.281	0.000000E+00	0.000000E+00
1783	247.139	11.2500	0.000000E+00
1784	241.281	0.750000	0.000000E+00
1785	242.281	5.62500	-1.00000
1786	241.114	2.12500	-1.00000
1787	249.568	2.12500	0.000000E+00
1788	241.114	2.12500	0.000000E+00
1789	249.568	9.12500	0.000000E+00
1790	241.114	5.62500	-1.00000
1791	241.114	5.62500	0.000000E+00
1792	241.281	9.12500	0.000000E+00
1793	251.997	0.000000E+00	0.000000E+00
1794	241.281	10.5000	0.000000E+00
1795	251.997	0.750000	0.000000E+00
1796	242.281	3.12500	0.000000E+00
1797	251.997	2.12500	-1.00000
1798	251.997	2.12500	0.000000E+00
1799	242.281	6.62500	0.000000E+00
1800	242.281	10.1250	0.000000E+00
1801	243.710	0.000000E+00	0.000000E+00
1802	243.710	0.750000	0.000000E+00
1803	243.543	2.12500	0.000000E+00
1804	243.543	5.62500	0.000000E+00
1805	243.710	9.12500	0.000000E+00
1806	243.710	10.5000	0.000000E+00
1807	244.710	3.12500	0.000000E+00
1808	244.710	6.62500	0.000000E+00
1809	251.997	9.12500	-1.00000
1810	251.997	9.12500	0.000000E+00
1811	244.710	10.1250	0.000000E+00
1812	251.997	10.5000	0.000000E+00
1813	245.987	3.12500	0.000000E+00

1814	251.997	11.2500	0.000000E+00
1815	247.139	5.62500	0.000000E+00
1816	245.987	6.62500	0.000000E+00
1817	245.987	10.1250	0.000000E+00
1818	254.426	2.12500	0.000000E+00
1819	246.139	0.000000E+00	0.000000E+00
1820	254.426	9.12500	0.000000E+00
1821	246.139	0.750000	0.000000E+00
1822	247.139	5.62500	-1.00000
1823	245.972	2.12500	-1.00000
1824	256.855	0.000000E+00	0.000000E+00
1825	245.972	2.12500	0.000000E+00
1826	256.855	0.750000	0.000000E+00
1827	245.972	5.62500	-1.00000
1828	256.855	2.12500	-1.00000
1829	256.855	2.12500	0.000000E+00
1830	245.972	5.62500	0.000000E+00
1831	246.139	9.12500	0.000000E+00
1832	246.139	10.5000	0.000000E+00
1833	247.139	3.12500	0.000000E+00
1834	247.139	6.62500	0.000000E+00
1835	247.139	10.1250	0.000000E+00
1836	248.568	0.000000E+00	0.000000E+00
1837	248.568	0.750000	0.000000E+00
1838	248.401	2.12500	0.000000E+00
1839	248.401	5.62500	0.000000E+00
1840	256.855	9.12500	-1.00000
1841	256.855	9.12500	0.000000E+00
1842	248.568	9.12500	0.000000E+00
1843	256.855	10.5000	0.000000E+00
1844	248.568	10.5000	0.000000E+00
1845	256.855	11.2500	0.000000E+00
1846	249.568	3.12500	0.000000E+00
1847	251.997	5.62500	0.000000E+00
1848	249.568	6.62500	0.000000E+00
1849	258.007	2.12500	0.000000E+00
1850	249.568	10.1250	0.000000E+00
1851	258.007	9.12500	0.000000E+00
1852	250.997	0.000000E+00	0.000000E+00
1853	250.997	0.750000	0.000000E+00
1854	251.997	5.62500	-1.00000
1855	259.284	2.12500	0.000000E+00
1856	250.830	2.12500	-1.00000
1857	259.284	9.12500	0.000000E+00
1858	250.830	2.12500	0.000000E+00
1859	250.830	5.62500	-1.00000
1860	250.830	5.62500	0.000000E+00
1861	261.713	0.000000E+00	0.000000E+00
1862	250.997	9.12500	0.000000E+00
1863	261.713	0.750000	0.000000E+00
1864	250.997	10.5000	0.000000E+00
1865	261.713	2.12500	-1.00000
1866	261.713	2.12500	0.000000E+00
1867	251.997	3.12500	0.000000E+00
1868	251.997	6.62500	0.000000E+00
1869	251.997	10.1250	0.000000E+00
1870	253.426	0.000000E+00	0.000000E+00
1871	253.426	0.750000	0.000000E+00
1872	253.259	2.12500	0.000000E+00
1873	253.259	5.62500	0.000000E+00
1874	253.426	9.12500	0.000000E+00
1875	253.426	10.5000	0.000000E+00
1876	254.426	3.12500	0.000000E+00
1877	261.713	9.12500	-1.00000
1878	261.713	9.12500	0.000000E+00
1879	256.855	5.62500	0.000000E+00
1880	261.713	10.5000	0.000000E+00
1881	254.426	6.62500	0.000000E+00
1882	261.713	11.2500	0.000000E+00
1883	254.426	10.1250	0.000000E+00
1884	255.855	0.000000E+00	0.000000E+00
1885	255.855	0.750000	0.000000E+00
1886	264.142	2.12500	0.000000E+00
1887	256.855	5.62500	-1.00000
1888	264.142	9.12500	0.000000E+00
1889	255.688	2.12500	-1.00000
1890	255.688	2.12500	0.000000E+00
1891	255.688	5.62500	-1.00000
1892	266.571	0.000000E+00	0.000000E+00
1893	255.688	5.62500	0.000000E+00
1894	266.571	0.750000	0.000000E+00
1895	255.855	9.12500	0.000000E+00
1896	266.571	2.12500	-1.00000
1897	266.571	2.12500	0.000000E+00
1898	255.855	10.5000	0.000000E+00
1899	256.855	3.12500	0.000000E+00
1900	256.855	6.62500	0.000000E+00
1901	256.855	10.1250	0.000000E+00
1902	258.007	3.12500	0.000000E+00
1903	258.007	6.62500	0.000000E+00
1904	258.007	10.1250	0.000000E+00
1905	258.284	0.000000E+00	0.000000E+00
1906	258.284	0.750000	0.000000E+00
1907	258.117	2.12500	0.000000E+00
1908	266.571	9.12500	-1.00000
1909	266.571	9.12500	0.000000E+00
1910	258.117	5.62500	0.000000E+00
1911	266.571	10.5000	0.000000E+00
1912	258.284	9.12500	0.000000E+00
1913	266.571	11.2500	0.000000E+00
1914	258.284	10.5000	0.000000E+00
1915	259.284	3.12500	0.000000E+00
1916	261.713	5.62500	0.000000E+00
1917	269.000	2.12500	0.000000E+00
1918	259.284	6.62500	0.000000E+00

1919	269.000	9.12500	0.000000E+00
1920	259.284	10.1250	0.000000E+00
1921	260.713	0.000000E+00	0.000000E+00
1922	260.713	0.750000	0.000000E+00
1923	270.278	2.12500	0.000000E+00
1924	261.713	5.62500	-1.00000
1925	270.278	9.12500	0.000000E+00
1926	260.546	2.12500	-1.00000
1927	260.546	2.12500	0.000000E+00
1928	260.546	5.62500	-1.00000
1929	271.429	0.000000E+00	0.000000E+00
1930	260.546	5.62500	0.000000E+00
1931	271.429	0.750000	0.000000E+00
1932	260.713	9.12500	0.000000E+00
1933	271.429	2.12500	-1.00000
1934	271.429	2.12500	0.000000E+00
1935	260.713	10.5000	0.000000E+00
1936	261.713	3.12500	0.000000E+00
1937	261.713	6.62500	0.000000E+00
1938	261.713	10.1250	0.000000E+00
1939	263.142	0.000000E+00	0.000000E+00
1940	263.142	0.750000	0.000000E+00
1941	262.975	2.12500	0.000000E+00
1942	262.975	5.62500	0.000000E+00
1943	263.142	9.12500	0.000000E+00
1944	263.142	10.5000	0.000000E+00
1945	271.429	9.12500	-1.00000
1946	271.429	9.12500	0.000000E+00
1947	264.142	3.12500	0.000000E+00
1948	271.429	10.5000	0.000000E+00
1949	266.571	5.62500	0.000000E+00
1950	271.429	11.2500	0.000000E+00
1951	264.142	6.62500	0.000000E+00
1952	264.142	10.1250	0.000000E+00
1953	265.571	0.000000E+00	0.000000E+00
1954	273.858	2.12500	0.000000E+00
1955	265.571	0.750000	0.000000E+00
1956	273.858	9.12500	0.000000E+00
1957	266.571	5.62500	-1.00000
1958	265.404	2.12500	-1.00000
1959	265.404	2.12500	0.000000E+00
1960	276.287	0.000000E+00	0.000000E+00
1961	265.404	5.62500	-1.00000
1962	276.287	0.750000	0.000000E+00
1963	265.404	5.62500	0.000000E+00
1964	277.287	2.12500	-2.50000
1965	276.287	3.12500	-2.50000
1966	276.287	2.12500	-1.00000
1967	276.287	2.12500	0.000000E+00
1968	265.571	9.12500	0.000000E+00
1969	265.571	10.5000	0.000000E+00
1970	266.571	3.12500	0.000000E+00
1971	266.571	6.62500	0.000000E+00
1972	277.287	9.12500	-2.50000
1973	276.287	10.1250	-2.50000
1974	266.571	10.1250	0.000000E+00
1975	268.000	0.000000E+00	0.000000E+00
1976	268.000	0.750000	0.000000E+00
1977	267.833	2.12500	0.000000E+00
1978	267.833	5.62500	0.000000E+00
1979	268.000	9.12500	0.000000E+00
1980	325.877	2.12500	-2.50000
1981	324.877	3.12500	-2.50000
1982	276.287	9.12500	-1.00000
1983	276.287	9.12500	0.000000E+00
1984	268.000	10.5000	0.000000E+00
1985	276.287	10.5000	0.000000E+00
1986	269.000	3.12500	0.000000E+00
1987	276.287	11.2500	0.000000E+00
1988	269.000	6.62500	0.000000E+00
1989	269.000	10.1250	0.000000E+00
1990	270.278	3.12500	0.000000E+00
1991	278.717	2.12500	0.000000E+00
1992	271.429	5.62500	0.000000E+00
1993	278.717	9.12500	0.000000E+00
1994	270.278	6.62500	0.000000E+00
1995	270.278	10.1250	0.000000E+00
1996	270.429	0.000000E+00	0.000000E+00
1997	281.146	0.000000E+00	0.000000E+00
1998	270.429	0.750000	0.000000E+00
1999	281.146	0.750000	0.000000E+00
2000	271.429	5.62500	-1.00000
2001	281.146	2.12500	-1.00000
2002	281.146	2.12500	0.000000E+00
2003	270.262	2.12500	-1.00000
2004	270.262	2.12500	0.000000E+00
2005	270.262	5.62500	-1.00000
2006	270.262	5.62500	0.000000E+00
2007	270.429	9.12500	0.000000E+00
2008	270.429	10.5000	0.000000E+00
2009	271.429	3.12500	0.000000E+00
2010	271.429	6.62500	0.000000E+00
2011	271.429	10.1250	0.000000E+00
2012	272.858	0.000000E+00	0.000000E+00
2013	281.146	9.12500	-1.00000
2014	281.146	9.12500	0.000000E+00
2015	272.858	0.750000	0.000000E+00
2016	281.146	10.5000	0.000000E+00
2017	272.691	2.12500	0.000000E+00
2018	281.146	11.2500	0.000000E+00
2019	272.691	5.62500	0.000000E+00
2020	272.858	9.12500	0.000000E+00
2021	272.858	10.5000	0.000000E+00
2022	282.298	2.12500	0.000000E+00
2023	273.858	3.12500	0.000000E+00

2024	282.298	9.12500	0.000000E+00
2025	276.287	5.62500	0.000000E+00
2026	273.858	6.62500	0.000000E+00
2027	273.858	10.1250	0.000000E+00
2028	283.575	2.12500	0.000000E+00
2029	275.287	0.000000E+00	0.000000E+00
2030	283.575	9.12500	0.000000E+00
2031	275.287	0.750000	0.000000E+00
2032	276.287	5.62500	-1.00000
2033	275.120	2.12500	-1.00000
2034	286.005	0.000000E+00	0.000000E+00
2035	275.120	2.12500	0.000000E+00
2036	286.005	0.750000	0.000000E+00
2037	275.120	5.62500	-1.00000
2038	286.005	2.12500	-1.00000
2039	286.005	2.12500	0.000000E+00
2040	275.120	5.62500	0.000000E+00
2041	275.287	9.12500	0.000000E+00
2042	275.287	10.5000	0.000000E+00
2043	276.287	3.12500	0.000000E+00
2044	276.287	6.62500	0.000000E+00
2045	276.287	10.1250	0.000000E+00
2046	277.716	0.000000E+00	0.000000E+00
2047	277.716	0.750000	0.000000E+00
2048	277.550	2.12500	0.000000E+00
2049	277.550	5.62500	0.000000E+00
2050	286.005	9.12500	-1.00000
2051	286.005	9.12500	0.000000E+00
2052	277.716	9.12500	0.000000E+00
2053	286.005	10.5000	0.000000E+00
2054	277.716	10.5000	0.000000E+00
2055	286.005	11.2500	0.000000E+00
2056	278.717	3.12500	0.000000E+00
2057	281.146	5.62500	0.000000E+00
2058	278.717	6.62500	0.000000E+00
2059	288.434	2.12500	0.000000E+00
2060	278.717	10.1250	0.000000E+00
2061	288.434	9.12500	0.000000E+00
2062	280.146	0.000000E+00	0.000000E+00
2063	280.146	0.750000	0.000000E+00
2064	281.146	5.62500	-1.00000
2065	290.864	0.000000E+00	0.000000E+00
2066	279.979	2.12500	-1.00000
2067	290.864	0.750000	0.000000E+00
2068	279.979	2.12500	0.000000E+00
2069	290.864	2.12500	-1.00000
2070	290.864	2.12500	0.000000E+00
2071	279.979	5.62500	-1.00000
2072	279.979	5.62500	0.000000E+00
2073	280.146	9.12500	0.000000E+00
2074	280.146	10.5000	0.000000E+00
2075	281.146	3.12500	0.000000E+00
2076	281.146	6.62500	0.000000E+00
2077	281.146	10.1250	0.000000E+00
2078	282.298	3.12500	0.000000E+00
2079	282.298	6.62500	0.000000E+00
2080	282.298	10.1250	0.000000E+00
2081	290.864	9.12500	-1.00000
2082	290.864	9.12500	0.000000E+00
2083	282.575	0.000000E+00	0.000000E+00
2084	290.864	10.5000	0.000000E+00
2085	282.575	0.750000	0.000000E+00
2086	290.864	11.2500	0.000000E+00
2087	282.409	2.12500	0.000000E+00
2088	282.409	5.62500	0.000000E+00
2089	282.575	9.12500	0.000000E+00
2090	293.293	2.12500	0.000000E+00
2091	282.575	10.5000	0.000000E+00
2092	293.293	9.12500	0.000000E+00
2093	283.575	3.12500	0.000000E+00
2094	286.005	5.62500	0.000000E+00
2095	283.575	6.62500	0.000000E+00
2096	294.571	2.12500	0.000000E+00
2097	283.575	10.1250	0.000000E+00
2098	294.571	9.12500	0.000000E+00
2099	285.005	0.000000E+00	0.000000E+00
2100	285.005	0.750000	0.000000E+00
2101	286.005	5.62500	-1.00000
2102	295.723	0.000000E+00	0.000000E+00
2103	284.838	2.12500	-1.00000
2104	295.723	0.750000	0.000000E+00
2105	284.838	2.12500	0.000000E+00
2106	295.723	2.12500	-1.00000
2107	295.723	2.12500	0.000000E+00
2108	284.838	5.62500	-1.00000
2109	284.838	5.62500	0.000000E+00
2110	285.005	9.12500	0.000000E+00
2111	285.005	10.5000	0.000000E+00
2112	286.005	3.12500	0.000000E+00
2113	286.005	6.62500	0.000000E+00
2114	286.005	10.1250	0.000000E+00
2115	287.434	0.000000E+00	0.000000E+00
2116	287.434	0.750000	0.000000E+00
2117	287.268	2.12500	0.000000E+00
2118	295.723	9.12500	-1.00000
2119	295.723	9.12500	0.000000E+00
2120	287.268	5.62500	0.000000E+00
2121	295.723	10.5000	0.000000E+00
2122	287.434	9.12500	0.000000E+00
2123	295.723	11.2500	0.000000E+00
2124	287.434	10.5000	0.000000E+00
2125	288.434	3.12500	0.000000E+00
2126	290.864	5.62500	0.000000E+00
2127	298.152	2.12500	0.000000E+00
2128	288.434	6.62500	0.000000E+00

2129	298.152	9.12500	0.000000E+00
2130	288.434	10.1250	0.000000E+00
2131	289.864	0.000000E+00	0.000000E+00
2132	289.864	0.750000	0.000000E+00
2133	300.582	0.000000E+00	0.000000E+00
2134	290.864	5.62500	-1.00000
2135	300.582	0.750000	0.000000E+00
2136	289.697	2.12500	-1.00000
2137	300.582	2.12500	-1.00000
2138	300.582	2.12500	0.000000E+00
2139	289.697	2.12500	0.000000E+00
2140	289.697	5.62500	-1.00000
2141	289.697	5.62500	0.000000E+00
2142	289.864	9.12500	0.000000E+00
2143	289.864	10.5000	0.000000E+00
2144	290.864	3.12500	0.000000E+00
2145	290.864	6.62500	0.000000E+00
2146	290.864	10.1250	0.000000E+00
2147	292.293	0.000000E+00	0.000000E+00
2148	292.293	0.750000	0.000000E+00
2149	300.582	9.12500	-1.00000
2150	300.582	9.12500	0.000000E+00
2151	292.127	2.12500	0.000000E+00
2152	300.582	10.5000	0.000000E+00
2153	292.127	5.62500	0.000000E+00
2154	300.582	11.2500	0.000000E+00
2155	292.293	9.12500	0.000000E+00
2156	292.293	10.5000	0.000000E+00
2157	293.293	3.12500	0.000000E+00
2158	303.012	2.12500	0.000000E+00
2159	293.293	6.62500	0.000000E+00
2160	303.012	9.12500	0.000000E+00
2161	293.293	10.1250	0.000000E+00
2162	294.571	3.12500	0.000000E+00
2163	295.723	5.62500	0.000000E+00
2164	305.441	0.000000E+00	0.000000E+00
2165	294.571	6.62500	0.000000E+00
2166	305.441	0.750000	0.000000E+00
2167	294.571	10.1250	0.000000E+00
2168	305.441	2.12500	-1.00000
2169	305.441	2.12500	0.000000E+00
2170	294.723	0.000000E+00	0.000000E+00
2171	294.723	0.750000	0.000000E+00
2172	295.723	5.62500	-1.00000
2173	294.556	2.12500	-1.00000
2174	294.556	2.12500	0.000000E+00
2175	294.556	5.62500	-1.00000
2176	294.556	5.62500	0.000000E+00
2177	294.723	9.12500	0.000000E+00
2178	294.723	10.5000	0.000000E+00
2179	295.723	3.12500	0.000000E+00
2180	305.441	9.12500	-1.00000
2181	305.441	9.12500	0.000000E+00
2182	295.723	6.62500	0.000000E+00
2183	305.441	10.5000	0.000000E+00
2184	295.723	10.1250	0.000000E+00
2185	305.441	11.2500	0.000000E+00
2186	297.152	0.000000E+00	0.000000E+00
2187	297.152	0.750000	0.000000E+00
2188	296.986	2.12500	0.000000E+00
2189	306.593	2.12500	0.000000E+00
2190	296.986	5.62500	0.000000E+00
2191	306.593	9.12500	0.000000E+00
2192	297.152	9.12500	0.000000E+00
2193	297.152	10.5000	0.000000E+00
2194	298.152	3.12500	0.000000E+00
2195	307.870	2.12500	0.000000E+00
2196	300.582	5.62500	0.000000E+00
2197	307.870	9.12500	0.000000E+00
2198	298.152	6.62500	0.000000E+00
2199	298.152	10.1250	0.000000E+00
2200	299.582	0.000000E+00	0.000000E+00
2201	310.300	0.000000E+00	0.000000E+00
2202	299.582	0.750000	0.000000E+00
2203	310.300	0.750000	0.000000E+00
2204	300.582	5.62500	-1.00000
2205	310.300	2.12500	-1.00000
2206	310.300	2.12500	0.000000E+00
2207	299.415	2.12500	-1.00000
2208	299.415	2.12500	0.000000E+00
2209	299.415	5.62500	-1.00000
2210	299.415	5.62500	0.000000E+00
2211	299.582	9.12500	0.000000E+00
2212	299.582	10.5000	0.000000E+00
2213	300.582	3.12500	0.000000E+00
2214	300.582	6.62500	0.000000E+00
2215	300.582	10.1250	0.000000E+00
2216	302.012	0.000000E+00	0.000000E+00
2217	310.300	9.12500	-1.00000
2218	310.300	9.12500	0.000000E+00
2219	302.012	0.750000	0.000000E+00
2220	310.300	10.5000	0.000000E+00
2221	301.845	2.12500	0.000000E+00
2222	310.300	11.2500	0.000000E+00
2223	301.845	5.62500	0.000000E+00
2224	302.012	9.12500	0.000000E+00
2225	302.012	10.5000	0.000000E+00
2226	312.730	2.12500	0.000000E+00
2227	303.012	3.12500	0.000000E+00
2228	312.730	9.12500	0.000000E+00
2229	305.441	5.62500	0.000000E+00
2230	303.012	6.62500	0.000000E+00
2231	303.012	10.1250	0.000000E+00
2232	315.159	0.000000E+00	0.000000E+00
2233	304.441	0.000000E+00	0.000000E+00



2234	315.159	0.750000	0.000000E+00
2235	304.441	0.750000	0.000000E+00
2236	315.159	2.125000	-1.000000
2237	315.159	2.125000	0.000000E+00
2238	305.441	5.625000	-1.000000
2239	304.274	2.125000	-1.000000
2240	304.274	2.125000	0.000000E+00
2241	304.274	5.625000	-1.000000
2242	304.274	5.625000	0.000000E+00
2243	304.441	9.125000	0.000000E+00
2244	304.441	10.500000	0.000000E+00
2245	305.441	3.125000	0.000000E+00
2246	305.441	6.625000	0.000000E+00
2247	305.441	10.125000	0.000000E+00
2248	315.159	9.125000	-1.000000
2249	315.159	9.125000	0.000000E+00
2250	306.593	3.125000	0.000000E+00
2251	315.159	10.500000	0.000000E+00
2252	306.593	6.625000	0.000000E+00
2253	315.159	11.250000	0.000000E+00
2254	306.593	10.125000	0.000000E+00
2255	306.870	0.000000E+00	0.000000E+00
2256	306.870	0.750000	0.000000E+00
2257	317.588	2.125000	0.000000E+00
2258	306.704	2.125000	0.000000E+00
2259	317.588	9.125000	0.000000E+00
2260	306.704	5.625000	0.000000E+00
2261	306.870	9.125000	0.000000E+00
2262	306.870	10.500000	0.000000E+00
2263	318.866	2.125000	0.000000E+00
2264	307.870	3.125000	0.000000E+00
2265	318.866	9.125000	0.000000E+00
2266	310.300	5.625000	0.000000E+00
2267	307.870	6.625000	0.000000E+00
2268	307.870	10.125000	0.000000E+00
2269	320.018	0.000000E+00	0.000000E+00
2270	309.300	0.000000E+00	0.000000E+00
2271	320.018	0.750000	0.000000E+00
2272	309.300	0.750000	0.000000E+00
2273	320.018	2.125000	-1.000000
2274	320.018	2.125000	0.000000E+00
2275	310.300	5.625000	-1.000000
2276	309.133	2.125000	-1.000000
2277	309.133	2.125000	0.000000E+00
2278	309.133	5.625000	-1.000000
2279	309.133	5.625000	0.000000E+00
2280	309.300	9.125000	0.000000E+00
2281	309.300	10.500000	0.000000E+00
2282	310.300	3.125000	0.000000E+00
2283	310.300	6.625000	0.000000E+00
2284	310.300	10.125000	0.000000E+00
2285	320.018	9.125000	-1.000000
2286	320.018	9.125000	0.000000E+00
2287	311.729	0.000000E+00	0.000000E+00
2288	320.018	10.500000	0.000000E+00
2289	311.729	0.750000	0.000000E+00
2290	320.018	11.250000	0.000000E+00
2291	311.563	2.125000	0.000000E+00
2292	311.563	5.625000	0.000000E+00
2293	311.729	9.125000	0.000000E+00
2294	322.447	2.125000	0.000000E+00
2295	311.729	10.500000	0.000000E+00
2296	322.447	9.125000	0.000000E+00
2297	312.730	3.125000	0.000000E+00
2298	315.159	5.625000	0.000000E+00
2299	312.730	6.625000	0.000000E+00
2300	324.877	0.000000E+00	0.000000E+00
2301	312.730	10.125000	0.000000E+00
2302	324.877	0.750000	0.000000E+00
2303	314.159	0.000000E+00	0.000000E+00
2304	325.877	9.125000	-2.500000
2305	324.877	10.125000	-2.500000
2306	324.877	2.125000	-1.000000
2307	324.877	2.125000	0.000000E+00
2308	314.159	0.750000	0.000000E+00
2309	315.159	5.625000	-1.000000
2310	313.992	2.125000	-1.000000
2311	313.992	2.125000	0.000000E+00
2312	374.578	2.125000	-2.500000
2313	373.578	3.125000	-2.500000
2314	313.992	5.625000	-1.000000
2315	313.992	5.625000	0.000000E+00
2316	314.159	9.125000	0.000000E+00
2317	314.159	10.500000	0.000000E+00
2318	315.159	3.125000	0.000000E+00
2319	315.159	6.625000	0.000000E+00
2320	374.578	9.125000	-2.500000
2321	373.578	10.125000	-2.500000
2322	324.877	9.125000	-1.000000
2323	324.877	9.125000	0.000000E+00
2324	315.159	10.125000	0.000000E+00
2325	324.877	10.500000	0.000000E+00
2326	316.589	0.000000E+00	0.000000E+00
2327	324.877	11.250000	0.000000E+00
2328	316.589	0.750000	0.000000E+00
2329	316.422	2.125000	0.000000E+00
2330	316.422	5.625000	0.000000E+00
2331	327.306	2.125000	0.000000E+00
2332	316.589	9.125000	0.000000E+00
2333	327.306	9.125000	0.000000E+00
2334	316.589	10.500000	0.000000E+00
2335	317.588	3.125000	0.000000E+00
2336	317.588	6.625000	0.000000E+00
2337	329.736	0.000000E+00	0.000000E+00
2338	317.588	10.125000	0.000000E+00

2339	329.736	0.750000	0.000000E+00
2340	318.866	3.12500	0.000000E+00
2341	329.736	2.12500	-1.00000
2342	329.736	2.12500	0.000000E+00
2343	320.018	5.62500	0.000000E+00
2344	318.866	6.62500	0.000000E+00
2345	318.866	10.1250	0.000000E+00
2346	319.018	0.000000E+00	0.000000E+00
2347	319.018	0.750000	0.000000E+00
2348	320.018	5.62500	-1.00000
2349	318.851	2.12500	-1.00000
2350	318.851	2.12500	0.000000E+00
2351	318.851	5.62500	-1.00000
2352	318.851	5.62500	0.000000E+00
2353	329.736	9.12500	-1.00000
2354	329.736	9.12500	0.000000E+00
2355	319.018	9.12500	0.000000E+00
2356	329.736	10.5000	0.000000E+00
2357	319.018	10.5000	0.000000E+00
2358	329.736	11.2500	0.000000E+00
2359	320.018	3.12500	0.000000E+00
2360	320.018	6.62500	0.000000E+00
2361	320.018	10.1250	0.000000E+00
2362	330.890	2.12500	0.000000E+00
2363	321.447	0.000000E+00	0.000000E+00
2364	330.890	9.12500	0.000000E+00
2365	321.447	0.750000	0.000000E+00
2366	321.281	2.12500	0.000000E+00
2367	321.281	5.62500	0.000000E+00
2368	332.165	2.12500	0.000000E+00
2369	321.447	9.12500	0.000000E+00
2370	332.165	9.12500	0.000000E+00
2371	321.447	10.5000	0.000000E+00
2372	322.447	3.12500	0.000000E+00
2373	324.877	5.62500	0.000000E+00
2374	332.182	2.12500	0.000000E+00
2375	322.447	6.62500	0.000000E+00
2376	332.182	9.12500	0.000000E+00
2377	322.447	10.1250	0.000000E+00
2378	323.877	0.000000E+00	0.000000E+00
2379	323.877	0.750000	0.000000E+00
2380	334.595	0.000000E+00	0.000000E+00
2381	324.877	5.62500	-1.00000
2382	334.595	0.750000	0.000000E+00
2383	323.710	2.12500	-1.00000
2384	334.595	2.12500	-1.00000
2385	334.595	2.12500	0.000000E+00
2386	323.710	2.12500	0.000000E+00
2387	323.710	5.62500	-1.00000
2388	323.710	5.62500	0.000000E+00
2389	323.877	9.12500	0.000000E+00
2390	323.877	10.5000	0.000000E+00
2391	324.877	3.12500	0.000000E+00
2392	324.877	6.62500	0.000000E+00
2393	324.877	10.1250	0.000000E+00
2394	326.307	0.000000E+00	0.000000E+00
2395	326.307	0.750000	0.000000E+00
2396	334.595	9.12500	-1.00000
2397	334.595	9.12500	0.000000E+00
2398	326.140	2.12500	0.000000E+00
2399	334.595	10.5000	0.000000E+00
2400	326.140	5.62500	0.000000E+00
2401	334.595	11.2500	0.000000E+00
2402	326.307	9.12500	0.000000E+00
2403	326.307	10.5000	0.000000E+00
2404	327.306	3.12500	0.000000E+00
2405	337.024	2.12500	0.000000E+00
2406	329.736	5.62500	0.000000E+00
2407	337.024	9.12500	0.000000E+00
2408	327.306	6.62500	0.000000E+00
2409	327.306	10.1250	0.000000E+00
2410	328.736	0.000000E+00	0.000000E+00
2411	339.454	0.000000E+00	0.000000E+00
2412	328.736	0.750000	0.000000E+00
2413	339.454	0.750000	0.000000E+00
2414	329.736	5.62500	-1.00000
2415	339.454	2.12500	-1.00000
2416	339.454	2.12500	0.000000E+00
2417	328.569	2.12500	-1.00000
2418	328.569	2.12500	0.000000E+00
2419	328.569	5.62500	-1.00000
2420	328.569	5.62500	0.000000E+00
2421	328.736	9.12500	0.000000E+00
2422	328.736	10.5000	0.000000E+00
2423	329.736	3.12500	0.000000E+00
2424	329.736	6.62500	0.000000E+00
2425	329.736	10.1250	0.000000E+00
2426	330.890	3.12500	0.000000E+00
2427	339.454	9.12500	-1.00000
2428	339.454	9.12500	0.000000E+00
2429	330.890	6.62500	0.000000E+00
2430	339.454	10.5000	0.000000E+00
2431	330.890	10.1250	0.000000E+00
2432	339.454	11.2500	0.000000E+00
2433	331.165	0.000000E+00	0.000000E+00
2434	331.165	0.750000	0.000000E+00
2435	330.999	2.12500	0.000000E+00
2436	341.883	2.12500	0.000000E+00
2437	330.999	5.62500	0.000000E+00
2438	341.883	9.12500	0.000000E+00
2439	331.165	9.12500	0.000000E+00
2440	331.165	10.5000	0.000000E+00
2441	332.165	3.12500	0.000000E+00
2442	343.163	2.12500	0.000000E+00
2443	332.165	6.62500	0.000000E+00

2444	343.163	9.12500	0.000000E+00
2445	332.165	10.1250	0.000000E+00
2446	332.182	3.12500	0.000000E+00
2447	334.595	5.62500	0.000000E+00
2448	344.313	0.000000E+00	0.000000E+00
2449	332.182	6.62500	0.000000E+00
2450	344.313	0.750000	0.000000E+00
2451	332.182	10.1250	0.000000E+00
2452	344.313	2.12500	-1.00000
2453	344.313	2.12500	0.000000E+00
2454	333.595	0.000000E+00	0.000000E+00
2455	333.595	0.750000	0.000000E+00
2456	334.595	5.62500	-1.00000
2457	333.428	2.12500	-1.00000
2458	333.428	2.12500	0.000000E+00
2459	333.428	5.62500	-1.00000
2460	333.428	5.62500	0.000000E+00
2461	333.595	9.12500	0.000000E+00
2462	333.595	10.5000	0.000000E+00
2463	334.595	3.12500	0.000000E+00
2464	344.313	9.12500	-1.00000
2465	344.313	9.12500	0.000000E+00
2466	334.595	6.62500	0.000000E+00
2467	344.313	10.5000	0.000000E+00
2468	334.595	10.1250	0.000000E+00
2469	344.313	11.2500	0.000000E+00
2470	336.024	0.000000E+00	0.000000E+00
2471	336.024	0.750000	0.000000E+00
2472	335.858	2.12500	0.000000E+00
2473	346.743	2.12500	0.000000E+00
2474	335.858	5.62500	0.000000E+00
2475	346.743	9.12500	0.000000E+00
2476	336.024	9.12500	0.000000E+00
2477	336.024	10.5000	0.000000E+00
2478	337.024	3.12500	0.000000E+00
2479	349.172	0.000000E+00	0.000000E+00
2480	339.454	5.62500	0.000000E+00
2481	349.172	0.750000	0.000000E+00
2482	337.024	6.62500	0.000000E+00
2483	349.172	2.12500	-1.00000
2484	349.172	2.12500	0.000000E+00
2485	337.024	10.1250	0.000000E+00
2486	338.454	0.000000E+00	0.000000E+00
2487	338.454	0.750000	0.000000E+00
2488	339.454	5.62500	-1.00000
2489	338.287	2.12500	-1.00000
2490	338.287	2.12500	0.000000E+00
2491	338.287	5.62500	-1.00000
2492	338.287	5.62500	0.000000E+00
2493	338.454	9.12500	0.000000E+00
2494	338.454	10.5000	0.000000E+00
2495	349.172	9.12500	-1.00000
2496	349.172	9.12500	0.000000E+00
2497	339.454	3.12500	0.000000E+00
2498	349.172	10.5000	0.000000E+00
2499	339.454	6.62500	0.000000E+00
2500	349.172	11.2500	0.000000E+00
2501	339.454	10.1250	0.000000E+00
2502	340.883	0.000000E+00	0.000000E+00
2503	340.883	0.750000	0.000000E+00
2504	351.601	2.12500	0.000000E+00
2505	340.717	2.12500	0.000000E+00
2506	351.601	9.12500	0.000000E+00
2507	340.717	5.62500	0.000000E+00
2508	340.883	9.12500	0.000000E+00
2509	340.883	10.5000	0.000000E+00
2510	354.031	0.000000E+00	0.000000E+00
2511	341.883	3.12500	0.000000E+00
2512	354.031	0.750000	0.000000E+00
2513	341.883	6.62500	0.000000E+00
2514	354.031	2.12500	-1.00000
2515	354.031	2.12500	0.000000E+00
2516	341.883	10.1250	0.000000E+00
2517	343.163	3.12500	0.000000E+00
2518	344.313	5.62500	0.000000E+00
2519	343.163	6.62500	0.000000E+00
2520	343.163	10.1250	0.000000E+00
2521	343.313	0.000000E+00	0.000000E+00
2522	343.313	0.750000	0.000000E+00
2523	344.313	5.62500	-1.00000
2524	343.146	2.12500	-1.00000
2525	343.146	2.12500	0.000000E+00
2526	354.031	9.12500	-1.00000
2527	354.031	9.12500	0.000000E+00
2528	343.146	5.62500	-1.00000
2529	354.031	10.5000	0.000000E+00
2530	343.146	5.62500	0.000000E+00
2531	354.031	11.2500	0.000000E+00
2532	343.313	9.12500	0.000000E+00
2533	343.313	10.5000	0.000000E+00
2534	344.313	3.12500	0.000000E+00
2535	355.186	2.12500	0.000000E+00
2536	344.313	6.62500	0.000000E+00
2537	355.186	9.12500	0.000000E+00
2538	344.313	10.1250	0.000000E+00
2539	345.742	0.000000E+00	0.000000E+00
2540	345.742	0.750000	0.000000E+00
2541	356.460	2.12500	0.000000E+00
2542	345.576	2.12500	0.000000E+00
2543	356.460	9.12500	0.000000E+00
2544	345.576	5.62500	0.000000E+00
2545	345.742	9.12500	0.000000E+00
2546	345.742	10.5000	0.000000E+00
2547	358.890	0.000000E+00	0.000000E+00
2548	346.743	3.12500	0.000000E+00

2549	358.890	0.750000	0.000000E+00
2550	349.172	5.62500	0.000000E+00
2551	358.890	2.12500	-1.00000
2552	358.890	2.12500	0.000000E+00
2553	346.743	6.62500	0.000000E+00
2554	346.743	10.1250	0.000000E+00
2555	348.172	0.000000E+00	0.000000E+00
2556	348.172	0.750000	0.000000E+00
2557	349.172	5.62500	-1.00000
2558	348.005	2.12500	-1.00000
2559	348.005	2.12500	0.000000E+00
2560	348.005	5.62500	-1.00000
2561	348.005	5.62500	0.000000E+00
2562	348.172	9.12500	0.000000E+00
2563	358.890	9.12500	-1.00000
2564	358.890	9.12500	0.000000E+00
2565	348.172	10.5000	0.000000E+00
2566	358.890	10.5000	0.000000E+00
2567	349.172	3.12500	0.000000E+00
2568	358.890	11.2500	0.000000E+00
2569	349.172	6.62500	0.000000E+00
2570	349.172	10.1250	0.000000E+00
2571	350.601	0.000000E+00	0.000000E+00
2572	361.320	2.12500	0.000000E+00
2573	350.601	0.750000	0.000000E+00
2574	361.320	9.12500	0.000000E+00
2575	350.435	2.12500	0.000000E+00
2576	350.435	5.62500	0.000000E+00
2577	350.601	9.12500	0.000000E+00
2578	363.749	0.000000E+00	0.000000E+00
2579	350.601	10.5000	0.000000E+00
2580	363.749	0.750000	0.000000E+00
2581	351.601	3.12500	0.000000E+00
2582	363.749	2.12500	-1.00000
2583	363.749	2.12500	0.000000E+00
2584	354.031	5.62500	0.000000E+00
2585	351.601	6.62500	0.000000E+00
2586	351.601	10.1250	0.000000E+00
2587	353.031	0.000000E+00	0.000000E+00
2588	353.031	0.750000	0.000000E+00
2589	354.031	5.62500	-1.00000
2590	352.864	2.12500	-1.00000
2591	352.864	2.12500	0.000000E+00
2592	352.864	5.62500	-1.00000
2593	352.864	5.62500	0.000000E+00
2594	363.749	9.12500	-1.00000
2595	363.749	9.12500	0.000000E+00
2596	353.031	9.12500	0.000000E+00
2597	363.749	10.5000	0.000000E+00
2598	353.031	10.5000	0.000000E+00
2599	363.749	11.2500	0.000000E+00
2600	354.031	3.12500	0.000000E+00
2601	354.031	6.62500	0.000000E+00
2602	354.031	10.1250	0.000000E+00
2603	365.704	2.12500	0.000000E+00
2604	355.186	3.12500	0.000000E+00
2605	365.704	9.12500	0.000000E+00
2606	355.186	6.62500	0.000000E+00
2607	355.186	10.1250	0.000000E+00
2608	355.460	0.000000E+00	0.000000E+00
2609	366.236	2.12500	0.000000E+00
2610	355.460	0.750000	0.000000E+00
2611	366.236	9.12500	0.000000E+00
2612	355.294	2.12500	0.000000E+00
2613	355.294	5.62500	0.000000E+00
2614	355.460	9.12500	0.000000E+00
2615	366.273	2.12500	0.000000E+00
2616	355.460	10.5000	0.000000E+00
2617	366.273	9.12500	0.000000E+00
2618	356.460	3.12500	0.000000E+00
2619	358.890	5.62500	0.000000E+00
2620	356.460	6.62500	0.000000E+00
2621	367.574	2.12500	0.000000E+00
2622	356.460	10.1250	0.000000E+00
2623	367.574	9.12500	0.000000E+00
2624	357.890	0.000000E+00	0.000000E+00
2625	357.890	0.750000	0.000000E+00
2626	358.890	5.62500	-1.00000
2627	368.723	-0.820000E-01	0.000000E+00
2628	357.723	2.12500	-1.00000
2629	368.723	0.668000	0.000000E+00
2630	357.723	2.12500	0.000000E+00
2631	368.723	2.12500	-1.00000
2632	368.723	2.12500	0.000000E+00
2633	357.723	5.62500	-1.00000
2634	357.723	5.62500	0.000000E+00
2635	357.890	9.12500	0.000000E+00
2636	357.890	10.5000	0.000000E+00
2637	358.890	3.12500	0.000000E+00
2638	358.890	6.62500	0.000000E+00
2639	358.890	10.1250	0.000000E+00
2640	360.320	0.000000E+00	0.000000E+00
2641	360.320	0.750000	0.000000E+00
2642	360.153	2.12500	0.000000E+00
2643	368.723	9.12500	-1.00000
2644	368.723	9.12500	0.000000E+00
2645	360.153	5.62500	0.000000E+00
2646	368.723	10.5820	0.000000E+00
2647	360.320	9.12500	0.000000E+00
2648	368.723	11.3320	0.000000E+00
2649	360.320	10.5000	0.000000E+00
2650	361.320	3.12500	0.000000E+00
2651	363.749	5.62500	0.000000E+00
2652	371.150	2.12500	0.000000E+00
2653	361.320	6.62500	0.000000E+00

2654	371.150	9.12500	0.000000E+00
2655	361.320	10.1250	0.000000E+00
2656	362.749	0.000000E+00	0.000000E+00
2657	362.749	0.750000	0.000000E+00
2658	373.578	-0.215000	0.000000E+00
2659	363.749	5.62500	-1.00000
2660	373.578	0.535000	0.000000E+00
2661	362.582	2.12500	-1.00000
2662	408.610	2.12500	-2.50000
2663	407.610	3.12500	-2.50000
2664	373.578	2.12500	-1.00000
2665	373.578	2.12500	0.000000E+00
2666	362.582	2.12500	0.000000E+00
2667	362.582	5.62500	-1.00000
2668	362.582	5.62500	0.000000E+00
2669	362.749	9.12500	0.000000E+00
2670	408.610	9.12500	-2.50000
2671	407.610	10.1250	-2.50000
2672	362.749	10.5000	0.000000E+00
2673	363.749	3.12500	0.000000E+00
2674	363.749	6.62500	0.000000E+00
2675	363.749	10.1250	0.000000E+00
2676	365.704	3.12500	0.000000E+00
2677	365.704	6.62500	0.000000E+00
2678	1.50000	5.62500	-2.50000
2679	0.500000	6.62500	-2.50000
2680	373.578	9.12500	-1.00000
2681	373.578	9.12500	0.000000E+00
2682	365.704	10.1250	0.000000E+00
2683	373.578	10.7150	0.000000E+00
2684	365.236	-0.410000E-01	0.000000E+00
2685	373.578	11.4650	0.000000E+00
2686	365.236	0.709000	0.000000E+00
2687	365.069	2.12500	0.000000E+00
2688	365.069	5.62500	0.000000E+00
2689	376.009	2.12500	0.000000E+00
2690	365.236	9.12500	0.000000E+00
2691	376.009	9.12500	0.000000E+00
2692	365.236	10.5410	0.000000E+00
2693	366.236	3.12500	0.000000E+00
2694	366.236	6.62500	0.000000E+00
2695	378.440	-0.347000	0.000000E+00
2696	366.236	10.1250	0.000000E+00
2697	378.440	0.403000	0.000000E+00
2698	366.273	3.12500	0.000000E+00
2699	378.440	2.12500	-1.00000
2700	378.440	2.12500	0.000000E+00
2701	366.273	6.62500	0.000000E+00
2702	366.273	10.1250	0.000000E+00
2703	367.574	3.12500	0.000000E+00
2704	368.723	5.62500	0.000000E+00
2705	367.574	6.62500	0.000000E+00
2706	367.574	10.1250	0.000000E+00
2707	367.723	-0.820000E-01	0.000000E+00
2708	367.723	0.668000	0.000000E+00
2709	368.723	5.62500	-1.00000
2710	367.556	2.12500	-1.00000
2711	378.440	9.12500	-1.00000
2712	378.440	9.12500	0.000000E+00
2713	367.556	2.12500	0.000000E+00
2714	378.440	10.8470	0.000000E+00
2715	367.556	5.62500	-1.00000
2716	378.440	11.5970	0.000000E+00
2717	367.556	5.62500	0.000000E+00
2718	367.723	9.12500	0.000000E+00
2719	367.723	10.5820	0.000000E+00
2720	379.584	2.12500	0.000000E+00
2721	368.723	3.12500	0.000000E+00
2722	379.584	9.12500	0.000000E+00
2723	368.723	6.62500	0.000000E+00
2724	368.723	10.1250	0.000000E+00
2725	370.151	-0.148500	0.000000E+00
2726	380.871	2.12500	0.000000E+00
2727	370.151	0.601500	0.000000E+00
2728	380.871	9.12500	0.000000E+00
2729	369.984	2.12500	0.000000E+00
2730	369.984	5.62500	0.000000E+00
2731	370.151	9.12500	0.000000E+00
2732	383.301	-0.490300	0.000000E+00
2733	370.151	10.6485	0.000000E+00
2734	383.301	0.259700	0.000000E+00
2735	371.150	3.12500	0.000000E+00
2736	383.301	2.12500	-1.00000
2737	383.301	2.12500	0.000000E+00
2738	373.578	5.62500	0.000000E+00
2739	371.150	6.62500	0.000000E+00
2740	371.150	10.1250	0.000000E+00
2741	372.578	-0.215000	0.000000E+00
2742	372.578	0.535000	0.000000E+00
2743	373.578	5.62500	-1.00000
2744	372.411	2.12500	-1.00000
2745	372.411	2.12500	0.000000E+00
2746	372.411	5.62500	-1.00000
2747	372.411	5.62500	0.000000E+00
2748	383.301	9.12500	-1.00000
2749	383.301	9.12500	0.000000E+00
2750	372.578	9.12500	0.000000E+00
2751	383.301	10.9903	0.000000E+00
2752	372.578	10.7150	0.000000E+00
2753	383.301	11.7403	0.000000E+00
2754	373.578	3.12500	0.000000E+00
2755	373.578	6.62500	0.000000E+00
2756	373.578	10.1250	0.000000E+00
2757	385.732	2.12500	0.000000E+00
2758	375.009	-0.281000	0.000000E+00

2759	385.732	9.12500	0.000000E+00
2760	375.009	0.469000	0.000000E+00
2761	374.842	2.12500	0.000000E+00
2762	374.842	5.62500	0.000000E+00
2763	388.163	-0.623400	0.000000E+00
2764	375.009	9.12500	0.000000E+00
2765	388.163	0.126600	0.000000E+00
2766	375.009	10.7810	0.000000E+00
2767	388.163	2.12500	-1.00000
2768	388.163	2.12500	0.000000E+00
2769	376.009	3.12500	0.000000E+00
2770	378.440	5.62500	0.000000E+00
2771	376.009	6.62500	0.000000E+00
2772	376.009	10.1250	0.000000E+00
2773	377.440	-0.347000	0.000000E+00
2774	377.440	0.403000	0.000000E+00
2775	378.440	5.62500	-1.00000
2776	377.273	2.12500	-1.00000
2777	377.273	2.12500	0.000000E+00
2778	377.273	5.62500	-1.00000
2779	388.163	9.12500	-1.00000
2780	388.163	9.12500	0.000000E+00
2781	377.273	5.62500	0.000000E+00
2782	388.163	11.1234	0.000000E+00
2783	377.440	9.12500	0.000000E+00
2784	388.163	11.8734	0.000000E+00
2785	377.440	10.8470	0.000000E+00
2786	378.440	3.12500	0.000000E+00
2787	378.440	6.62500	0.000000E+00
2788	389.593	2.12500	0.000000E+00
2789	378.440	10.1250	0.000000E+00
2790	389.593	9.12500	0.000000E+00
2791	379.584	3.12500	0.000000E+00
2792	379.584	6.62500	0.000000E+00
2793	379.584	10.1250	0.000000E+00
2794	390.594	2.12500	0.000000E+00
2795	379.871	-0.418650	0.000000E+00
2796	390.594	9.12500	0.000000E+00
2797	379.871	0.331350	0.000000E+00
2798	379.704	2.12500	0.000000E+00
2799	379.704	5.62500	0.000000E+00
2800	393.025	-0.758000	0.000000E+00
2801	379.871	9.12500	0.000000E+00
2802	393.025	-0.800000E-02	0.000000E+00
2803	379.871	10.9186	0.000000E+00
2804	393.025	2.12500	-1.00000
2805	393.025	2.12500	0.000000E+00
2806	380.871	3.12500	0.000000E+00
2807	383.301	5.62500	0.000000E+00
2808	380.871	6.62500	0.000000E+00
2809	380.871	10.1250	0.000000E+00
2810	382.301	-0.490300	0.000000E+00
2811	382.301	0.259700	0.000000E+00
2812	383.301	5.62500	-1.00000
2813	382.135	2.12500	-1.00000
2814	382.135	2.12500	0.000000E+00
2815	382.135	5.62500	-1.00000
2816	393.025	9.12500	-1.00000
2817	393.025	9.12500	0.000000E+00
2818	382.135	5.62500	0.000000E+00
2819	393.025	11.2530	0.000000E+00
2820	382.301	9.12500	0.000000E+00
2821	393.025	12.0030	0.000000E+00
2822	382.301	10.9903	0.000000E+00
2823	383.301	3.12500	0.000000E+00
2824	383.301	6.62500	0.000000E+00
2825	395.456	2.12500	0.000000E+00
2826	383.301	10.1250	0.000000E+00
2827	395.456	9.12500	0.000000E+00
2828	384.732	-0.556850	0.000000E+00
2829	384.732	0.193150	0.000000E+00
2830	384.566	2.12500	0.000000E+00
2831	397.887	-0.893100	0.000000E+00
2832	384.566	5.62500	0.000000E+00
2833	397.887	-0.143100	0.000000E+00
2834	384.732	9.12500	0.000000E+00
2835	397.887	2.12500	-1.00000
2836	397.887	2.12500	0.000000E+00
2837	384.732	11.0569	0.000000E+00
2838	385.732	3.12500	0.000000E+00
2839	388.163	5.62500	0.000000E+00
2840	385.732	6.62500	0.000000E+00
2841	385.732	10.1250	0.000000E+00
2842	387.163	-0.623400	0.000000E+00
2843	387.163	0.126600	0.000000E+00
2844	388.163	5.62500	-1.00000
2845	386.996	2.12500	-1.00000
2846	386.996	2.12500	0.000000E+00
2847	397.887	9.12500	-1.00000
2848	397.887	9.12500	0.000000E+00
2849	386.996	5.62500	-1.00000
2850	397.887	11.3931	0.000000E+00
2851	386.996	5.62500	0.000000E+00
2852	397.887	12.1431	0.000000E+00
2853	387.163	9.12500	0.000000E+00
2854	387.163	11.1234	0.000000E+00
2855	388.163	3.12500	0.000000E+00
2856	399.602	2.12500	0.000000E+00
2857	388.163	6.62500	0.000000E+00
2858	399.602	9.12500	0.000000E+00
2859	388.163	10.1250	0.000000E+00
2860	389.593	3.12500	0.000000E+00
2861	389.593	6.62500	0.000000E+00
2862	400.317	2.12500	0.000000E+00
2863	389.593	10.1250	0.000000E+00

2864	400.317	9.12500	0.000000E+00
2865	389.594	-0.690700	0.000000E+00
2866	389.594	0.593000E-01	0.000000E+00
2867	389.427	2.12500	0.000000E+00
2868	402.748	-1.02650	0.000000E+00
2869	389.427	5.62500	0.000000E+00
2870	402.748	-0.276500	0.000000E+00
2871	389.594	9.12500	0.000000E+00
2872	402.748	2.12500	-1.00000
2873	402.748	2.12500	0.000000E+00
2874	389.594	11.1882	0.000000E+00
2875	390.594	3.12500	0.000000E+00
2876	393.025	5.62500	0.000000E+00
2877	390.594	6.62500	0.000000E+00
2878	390.594	10.1250	0.000000E+00
2879	392.025	-0.758000	0.000000E+00
2880	392.025	-0.800000E-02	0.000000E+00
2881	393.025	5.62500	-1.00000
2882	391.858	2.12500	-1.00000
2883	391.858	2.12500	0.000000E+00
2884	402.748	9.12500	-1.00000
2885	402.748	9.12500	0.000000E+00
2886	391.858	5.62500	-1.00000
2887	402.748	11.5265	0.000000E+00
2888	391.858	5.62500	0.000000E+00
2889	402.748	12.2765	0.000000E+00
2890	392.025	9.12500	0.000000E+00
2891	392.025	11.2530	0.000000E+00
2892	393.025	3.12500	0.000000E+00
2893	405.179	2.12500	0.000000E+00
2894	393.025	6.62500	0.000000E+00
2895	405.179	9.12500	0.000000E+00
2896	393.025	10.1250	0.000000E+00
2897	394.456	-0.825550	0.000000E+00
2898	394.456	-0.755500E-01	0.000000E+00
2899	407.610	-1.15800	0.000000E+00
2900	394.289	2.12500	0.000000E+00
2901	407.610	-0.398000	0.000000E+00
2902	394.289	5.62500	0.000000E+00
2903	34.5470	5.62500	-2.50000
2904	33.5470	6.62500	-2.50000
2905	407.610	2.12500	-1.00000
2906	407.610	2.12500	0.000000E+00
2907	394.456	9.12500	0.000000E+00
2908	394.456	11.3231	0.000000E+00
2909	395.456	3.12500	0.000000E+00
2910	397.887	5.62500	0.000000E+00
2911	83.0570	5.62500	-2.50000
2912	82.0570	6.62500	-2.50000
2913	395.456	6.62500	0.000000E+00
2914	395.456	10.1250	0.000000E+00
2915	396.887	-0.893100	0.000000E+00
2916	396.887	-0.143100	0.000000E+00
2917	397.887	5.62500	-1.00000
2918	396.720	2.12500	-1.00000
2919	131.587	5.62500	-2.50000
2920	130.587	6.62500	-2.50000
2921	407.610	9.12500	-1.00000
2922	407.610	9.12500	0.000000E+00
2923	396.720	2.12500	0.000000E+00
2924	407.610	11.6630	0.000000E+00
2925	396.720	5.62500	-1.00000
2926	407.610	12.4130	0.000000E+00
2927	396.720	5.62500	0.000000E+00
2928	396.887	9.12500	0.000000E+00
2929	396.887	11.3931	0.000000E+00
2930	408.110	-1.17200	0.000000E+00
2931	397.887	3.12500	0.000000E+00
2932	408.110	-0.412000	0.000000E+00
2933	397.887	6.62500	0.000000E+00
2934	408.110	2.12500	0.000000E+00
2935	397.887	10.1250	0.000000E+00
2936	399.602	3.12500	0.000000E+00
2937	399.602	6.62500	0.000000E+00
2938	399.602	10.1250	0.000000E+00
2939	399.317	-0.959800	0.000000E+00
2940	408.110	9.12500	0.000000E+00
2941	399.317	-0.209800	0.000000E+00
2942	408.110	11.6670	0.000000E+00
2943	399.151	2.12500	0.000000E+00
2944	408.110	12.4170	0.000000E+00
2945	399.151	5.62500	0.000000E+00
2946	399.317	9.12500	0.000000E+00
2947	399.317	11.4598	0.000000E+00
2948	400.317	3.12500	0.000000E+00
2949	402.748	5.62500	0.000000E+00
2950	400.317	6.62500	0.000000E+00
2951	400.317	10.1250	0.000000E+00
2952	401.748	-1.02650	0.000000E+00
2953	401.748	-0.276500	0.000000E+00
2954	402.748	5.62500	-1.00000
2955	401.582	2.12500	-1.00000
2956	401.582	2.12500	0.000000E+00
2957	401.582	5.62500	-1.00000
2958	401.582	5.62500	0.000000E+00
2959	401.748	9.12500	0.000000E+00
2960	401.748	11.5265	0.000000E+00
2961	402.748	3.12500	0.000000E+00
2962	402.748	6.62500	0.000000E+00
2963	402.748	10.1250	0.000000E+00
2964	404.179	-1.09225	0.000000E+00
2965	404.179	-0.337250	0.000000E+00
2966	404.012	2.12500	0.000000E+00
2967	404.012	5.62500	0.000000E+00
2968	404.179	9.12500	0.000000E+00

2969	404.179	11.5948	0.000000E+00
2970	405.179	3.12500	0.000000E+00
2971	407.610	5.62500	0.000000E+00
2972	405.179	6.62500	0.000000E+00
2973	405.179	10.1250	0.000000E+00
2974	406.610	-1.15800	0.000000E+00
2975	406.610	-0.398000	0.000000E+00
2976	407.610	5.62500	-1.00000
2977	406.443	2.12500	-1.00000
2978	406.443	2.12500	0.000000E+00
2979	406.443	5.62500	-1.00000
2980	406.443	5.62500	0.000000E+00
2981	406.610	9.12500	0.000000E+00
2982	406.610	11.6630	0.000000E+00
2983	407.610	3.12500	0.000000E+00
2984	407.610	6.62500	0.000000E+00
2985	407.610	10.1250	0.000000E+00
2986	407.110	-1.17200	0.000000E+00
2987	407.110	-0.412000	0.000000E+00
2988	406.943	2.12500	0.000000E+00
2989	406.943	5.62500	0.000000E+00
2990	407.110	9.12500	0.000000E+00
2991	407.110	11.6670	0.000000E+00
2992	0.500000	5.62500	0.277556E-16
2993	0.500000	4.62500	-1.00000
2994	5.22100	5.62500	0.277556E-16
2995	5.22100	4.62500	-1.00000
2996	9.94200	5.62500	0.277556E-16
2997	9.94200	4.62500	-1.00000
2998	14.6630	5.62500	0.277556E-16
2999	14.6630	4.62500	-1.00000
3000	19.3840	5.62500	0.277556E-16
3001	19.3840	4.62500	-1.00000
3002	24.1050	5.62500	0.277556E-16
3003	24.1050	4.62500	-1.00000
3004	28.8260	5.62500	0.277556E-16
3005	28.8260	4.62500	-1.00000
3006	33.5470	5.62500	0.277556E-16
3007	33.5470	4.62500	-1.00000
3008	38.3980	5.62500	0.277556E-16
3009	38.3980	4.62500	-1.00000
3010	43.2490	5.62500	0.277556E-16
3011	43.2490	4.62500	-1.00000
3012	48.1000	5.62500	0.277556E-16
3013	48.1000	4.62500	-1.00000
3014	52.9510	5.62500	0.277556E-16
3015	52.9510	4.62500	-1.00000
3016	57.8020	5.62500	0.277556E-16
3017	57.8020	4.62500	-1.00000
3018	62.6530	5.62500	0.277556E-16
3019	62.6530	4.62500	-1.00000
3020	67.5040	5.62500	0.277556E-16
3021	67.5040	4.62500	-1.00000
3022	72.3550	5.62500	0.277556E-16
3023	72.3550	4.62500	-1.00000
3024	77.2060	5.62500	0.277556E-16
3025	77.2060	4.62500	-1.00000
3026	82.0570	5.62500	0.277556E-16
3027	82.0570	4.62500	-1.00000
3028	86.9100	5.62500	0.277556E-16
3029	86.9100	4.62500	-1.00000
3030	91.7630	5.62500	0.277556E-16
3031	91.7630	4.62500	-1.00000
3032	96.6160	5.62500	0.277556E-16
3033	96.6160	4.62500	-1.00000
3034	101.469	5.62500	0.277556E-16
3035	101.469	4.62500	-1.00000
3036	106.322	5.62500	0.277556E-16
3037	106.322	4.62500	-1.00000
3038	111.175	5.62500	0.277556E-16
3039	111.175	4.62500	-1.00000
3040	116.028	5.62500	0.277556E-16
3041	116.028	4.62500	-1.00000
3042	120.881	5.62500	0.277556E-16
3043	120.881	4.62500	-1.00000
3044	125.734	5.62500	0.277556E-16
3045	125.734	4.62500	-1.00000
3046	130.587	5.62500	0.277556E-16
3047	130.587	4.62500	-1.00000
3048	135.442	5.62500	0.277556E-16
3049	135.442	4.62500	-1.00000
3050	140.297	5.62500	0.277556E-16
3051	140.297	4.62500	-1.00000
3052	145.152	5.62500	0.277556E-16
3053	145.152	4.62500	-1.00000
3054	150.007	5.62500	0.277556E-16
3055	150.007	4.62500	-1.00000
3056	154.862	5.62500	0.277556E-16
3057	154.862	4.62500	-1.00000
3058	159.717	5.62500	0.277556E-16
3059	159.717	4.62500	-1.00000
3060	164.572	5.62500	0.277556E-16
3061	164.572	4.62500	-1.00000
3062	169.427	5.62500	0.277556E-16
3063	169.427	4.62500	-1.00000
3064	174.282	5.62500	0.277556E-16
3065	174.282	4.62500	-1.00000
3066	179.137	5.62500	0.277556E-16
3067	179.137	4.62500	-1.00000
3068	183.994	5.62500	0.277556E-16
3069	183.994	4.62500	-1.00000
3070	188.851	5.62500	0.277556E-16
3071	188.851	4.62500	-1.00000
3072	193.708	5.62500	0.277556E-16
3073	193.708	4.62500	-1.00000



3074	198.565	5.62500	0.277556E-16
3075	198.565	4.62500	-1.00000
3076	203.422	5.62500	0.277556E-16
3077	203.422	4.62500	-1.00000
3078	208.279	5.62500	0.277556E-16
3079	208.279	4.62500	-1.00000
3080	213.136	5.62500	0.277556E-16
3081	213.136	4.62500	-1.00000
3082	217.993	5.62500	0.277556E-16
3083	217.993	4.62500	-1.00000
3084	222.850	5.62500	0.277556E-16
3085	222.850	4.62500	-1.00000
3086	227.707	5.62500	0.277556E-16
3087	227.707	4.62500	-1.00000
3088	232.565	5.62500	0.277556E-16
3089	232.565	4.62500	-1.00000
3090	237.423	5.62500	0.277556E-16
3091	237.423	4.62500	-1.00000
3092	242.281	5.62500	0.277556E-16
3093	242.281	4.62500	-1.00000
3094	247.139	5.62500	0.277556E-16
3095	247.139	4.62500	-1.00000
3096	251.997	5.62500	0.277556E-16
3097	251.997	4.62500	-1.00000
3098	256.855	5.62500	0.277556E-16
3099	256.855	4.62500	-1.00000
3100	261.713	5.62500	0.277556E-16
3101	261.713	4.62500	-1.00000
3102	266.571	5.62500	0.277556E-16
3103	266.571	4.62500	-1.00000
3104	271.429	5.62500	0.277556E-16
3105	271.429	4.62500	-1.00000
3106	276.287	5.62500	0.277556E-16
3107	276.287	4.62500	-1.00000
3108	281.146	5.62500	0.277556E-16
3109	281.146	4.62500	-1.00000
3110	286.005	5.62500	0.277556E-16
3111	286.005	4.62500	-1.00000
3112	290.864	5.62500	0.277556E-16
3113	290.864	4.62500	-1.00000
3114	295.723	5.62500	0.277556E-16
3115	295.723	4.62500	-1.00000
3116	300.582	5.62500	0.277556E-16
3117	300.582	4.62500	-1.00000
3118	305.441	5.62500	0.277556E-16
3119	305.441	4.62500	-1.00000
3120	310.300	5.62500	0.277556E-16
3121	310.300	4.62500	-1.00000
3122	315.159	5.62500	0.277556E-16
3123	315.159	4.62500	-1.00000
3124	320.018	5.62500	0.277556E-16
3125	320.018	4.62500	-1.00000
3126	324.877	5.62500	0.277556E-16
3127	324.877	4.62500	-1.00000
3128	329.736	5.62500	0.277556E-16
3129	329.736	4.62500	-1.00000
3130	334.595	5.62500	0.277556E-16
3131	334.595	4.62500	-1.00000
3132	339.454	5.62500	0.277556E-16
3133	339.454	4.62500	-1.00000
3134	344.313	5.62500	0.277556E-16
3135	344.313	4.62500	-1.00000
3136	349.172	5.62500	0.277556E-16
3137	349.172	4.62500	-1.00000
3138	354.031	5.62500	0.277556E-16
3139	354.031	4.62500	-1.00000
3140	358.890	5.62500	0.277556E-16
3141	358.890	4.62500	-1.00000
3142	363.749	5.62500	0.277556E-16
3143	363.749	4.62500	-1.00000
3144	368.723	5.62500	0.277556E-16
3145	368.723	4.62500	-1.00000
3146	373.578	5.62500	0.277556E-16
3147	373.578	4.62500	-1.00000
3148	378.440	5.62500	0.277556E-16
3149	378.440	4.62500	-1.00000
3150	383.301	5.62500	0.277556E-16
3151	383.301	4.62500	-1.00000
3152	388.163	5.62500	0.277556E-16
3153	388.163	4.62500	-1.00000
3154	393.025	5.62500	0.277556E-16
3155	393.025	4.62500	-1.00000
3156	397.887	5.62500	0.277556E-16
3157	397.887	4.62500	-1.00000
3158	402.748	5.62500	0.277556E-16
3159	402.748	4.62500	-1.00000
3160	407.610	5.62500	0.277556E-16
3161	407.610	4.62500	-1.00000
3162	1.50000	5.62500	0.000000E+00
3163	0.500000	6.62500	0.000000E+00
3164	6.22100	5.62500	0.000000E+00
3165	5.22100	6.62500	0.000000E+00
3166	10.94200	5.62500	0.000000E+00
3167	9.94200	6.62500	0.000000E+00
3168	15.6630	5.62500	0.000000E+00
3169	14.6630	6.62500	0.000000E+00
3170	20.3840	5.62500	0.000000E+00
3171	19.3840	6.62500	0.000000E+00
3172	25.1050	5.62500	0.000000E+00
3173	24.1050	6.62500	0.000000E+00
3174	29.8260	5.62500	0.000000E+00
3175	28.8260	6.62500	0.000000E+00
3176	34.5470	5.62500	0.000000E+00
3177	33.5470	6.62500	0.000000E+00
3178	39.3980	5.62500	0.000000E+00

3179	38.3980	6.62500	0.000000E+00
3180	44.2490	5.62500	0.000000E+00
3181	43.2490	6.62500	0.000000E+00
3182	49.1000	5.62500	0.000000E+00
3183	48.1000	6.62500	0.000000E+00
3184	53.9510	5.62500	0.000000E+00
3185	52.9510	6.62500	0.000000E+00
3186	58.8020	5.62500	0.000000E+00
3187	57.8020	6.62500	0.000000E+00
3188	63.6530	5.62500	0.000000E+00
3189	62.6530	6.62500	0.000000E+00
3190	68.5040	5.62500	0.000000E+00
3191	67.5040	6.62500	0.000000E+00
3192	73.3550	5.62500	0.000000E+00
3193	72.3550	6.62500	0.000000E+00
3194	78.2060	5.62500	0.000000E+00
3195	77.2060	6.62500	0.000000E+00
3196	83.0570	5.62500	0.000000E+00
3197	82.0570	6.62500	0.000000E+00
3198	87.9100	5.62500	0.000000E+00
3199	86.9100	6.62500	0.000000E+00
3200	92.7630	5.62500	0.000000E+00
3201	91.7630	6.62500	0.000000E+00
3202	97.6160	5.62500	0.000000E+00
3203	96.6160	6.62500	0.000000E+00
3204	102.469	5.62500	0.000000E+00
3205	101.469	6.62500	0.000000E+00
3206	107.322	5.62500	0.000000E+00
3207	106.322	6.62500	0.000000E+00
3208	112.175	5.62500	0.000000E+00
3209	111.175	6.62500	0.000000E+00
3210	117.028	5.62500	0.000000E+00
3211	116.028	6.62500	0.000000E+00
3212	121.881	5.62500	0.000000E+00
3213	120.881	6.62500	0.000000E+00
3214	126.734	5.62500	0.000000E+00
3215	125.734	6.62500	0.000000E+00
3216	131.587	5.62500	0.000000E+00
3217	130.587	6.62500	0.000000E+00
3218	136.442	5.62500	0.000000E+00
3219	135.442	6.62500	0.000000E+00
3220	141.297	5.62500	0.000000E+00
3221	140.297	6.62500	0.000000E+00
3222	146.152	5.62500	0.000000E+00
3223	145.152	6.62500	0.000000E+00
3224	151.007	5.62500	0.000000E+00
3225	150.007	6.62500	0.000000E+00
3226	155.862	5.62500	0.000000E+00
3227	154.862	6.62500	0.000000E+00
3228	160.717	5.62500	0.000000E+00
3229	159.717	6.62500	0.000000E+00
3230	165.572	5.62500	0.000000E+00
3231	164.572	6.62500	0.000000E+00
3232	170.427	5.62500	0.000000E+00
3233	169.427	6.62500	0.000000E+00
3234	175.282	5.62500	0.000000E+00
3235	174.282	6.62500	0.000000E+00
3236	180.137	5.62500	0.000000E+00
3237	179.137	6.62500	0.000000E+00
3238	184.994	5.62500	0.000000E+00
3239	183.994	6.62500	0.000000E+00
3240	189.851	5.62500	0.000000E+00
3241	188.851	6.62500	0.000000E+00
3242	194.708	5.62500	0.000000E+00
3243	193.708	6.62500	0.000000E+00
3244	199.565	5.62500	0.000000E+00
3245	198.565	6.62500	0.000000E+00
3246	204.422	5.62500	0.000000E+00
3247	203.422	6.62500	0.000000E+00
3248	209.279	5.62500	0.000000E+00
3249	208.279	6.62500	0.000000E+00
3250	214.136	5.62500	0.000000E+00
3251	213.136	6.62500	0.000000E+00
3252	218.993	5.62500	0.000000E+00
3253	217.993	6.62500	0.000000E+00
3254	223.850	5.62500	0.000000E+00
3255	222.850	6.62500	0.000000E+00
3256	228.707	5.62500	0.000000E+00
3257	227.707	6.62500	0.000000E+00
3258	233.565	5.62500	0.000000E+00
3259	232.565	6.62500	0.000000E+00
3260	238.423	5.62500	0.000000E+00
3261	237.423	6.62500	0.000000E+00
3262	243.281	5.62500	0.000000E+00
3263	242.281	6.62500	0.000000E+00
3264	248.139	5.62500	0.000000E+00
3265	247.139	6.62500	0.000000E+00
3266	252.997	5.62500	0.000000E+00
3267	251.997	6.62500	0.000000E+00
3268	257.855	5.62500	0.000000E+00
3269	256.855	6.62500	0.000000E+00
3270	262.713	5.62500	0.000000E+00
3271	261.713	6.62500	0.000000E+00
3272	267.571	5.62500	0.000000E+00
3273	266.571	6.62500	0.000000E+00
3274	272.429	5.62500	0.000000E+00
3275	271.429	6.62500	0.000000E+00
3276	277.287	5.62500	0.000000E+00
3277	276.287	6.62500	0.000000E+00
3278	282.146	5.62500	0.000000E+00
3279	281.146	6.62500	0.000000E+00
3280	287.005	5.62500	0.000000E+00
3281	286.005	6.62500	0.000000E+00
3282	291.864	5.62500	0.000000E+00
3283	290.864	6.62500	0.000000E+00

3284	296.723	5.62500	0.000000E+00
3285	295.723	6.62500	0.000000E+00
3286	301.582	5.62500	0.000000E+00
3287	300.582	6.62500	0.000000E+00
3288	306.441	5.62500	0.000000E+00
3289	305.441	6.62500	0.000000E+00
3290	311.300	5.62500	0.000000E+00
3291	310.300	6.62500	0.000000E+00
3292	316.159	5.62500	0.000000E+00
3293	315.159	6.62500	0.000000E+00
3294	321.018	5.62500	0.000000E+00
3295	320.018	6.62500	0.000000E+00
3296	325.877	5.62500	0.000000E+00
3297	324.877	6.62500	0.000000E+00
3298	330.736	5.62500	0.000000E+00
3299	329.736	6.62500	0.000000E+00
3300	335.595	5.62500	0.000000E+00
3301	334.595	6.62500	0.000000E+00
3302	340.454	5.62500	0.000000E+00
3303	339.454	6.62500	0.000000E+00
3304	345.313	5.62500	0.000000E+00
3305	344.313	6.62500	0.000000E+00
3306	350.172	5.62500	0.000000E+00
3307	349.172	6.62500	0.000000E+00
3308	355.031	5.62500	0.000000E+00
3309	354.031	6.62500	0.000000E+00
3310	359.890	5.62500	0.000000E+00
3311	358.890	6.62500	0.000000E+00
3312	364.749	5.62500	0.000000E+00
3313	363.749	6.62500	0.000000E+00
3314	369.723	5.62500	0.000000E+00
3315	368.723	6.62500	0.000000E+00
3316	374.578	5.62500	0.000000E+00
3317	373.578	6.62500	0.000000E+00
3318	379.440	5.62500	0.000000E+00
3319	378.440	6.62500	0.000000E+00
3320	384.301	5.62500	0.000000E+00
3321	383.301	6.62500	0.000000E+00
3322	389.163	5.62500	0.000000E+00
3323	388.163	6.62500	0.000000E+00
3324	394.025	5.62500	0.000000E+00
3325	393.025	6.62500	0.000000E+00
3326	398.887	5.62500	0.000000E+00
3327	397.887	6.62500	0.000000E+00
3328	403.748	5.62500	0.000000E+00
3329	402.748	6.62500	0.000000E+00
3330	408.610	5.62500	0.000000E+00
3331	407.610	6.62500	0.000000E+00
3743	180.137	5.62500	-2.50000
3744	179.137	6.62500	-2.50000
3745	228.707	5.62500	-2.50000
3746	227.707	6.62500	-2.50000
3747	277.287	5.62500	-2.50000
3748	276.287	6.62500	-2.50000
3749	325.877	5.62500	-2.50000
3750	324.877	6.62500	-2.50000
3751	374.578	5.62500	-2.50000
3752	373.578	6.62500	-2.50000
3753	406.610	5.62500	-2.50000
3754	407.610	4.62500	-2.50000
8152	2.86050	0.750000	0.000000E+00
8154	7.58150	0.750000	0.000000E+00
8155	12.3025	0.750000	0.000000E+00
8156	17.0235	0.750000	0.000000E+00
8157	21.7445	0.750000	0.000000E+00
8158	26.4655	0.750000	0.000000E+00
8159	31.1865	0.750000	0.000000E+00
8161	35.9725	0.750000	0.000000E+00
8162	40.8235	0.750000	0.000000E+00
8163	45.6745	0.750000	0.000000E+00
8164	50.5255	0.750000	0.000000E+00
8166	55.3765	0.750000	0.000000E+00
8167	60.2275	0.750000	0.000000E+00
8168	65.0785	0.750000	0.000000E+00
8169	69.9295	0.750000	0.000000E+00
8170	74.7805	0.750000	0.000000E+00
8171	79.6315	0.750000	0.000000E+00
8172	84.4835	0.750000	0.000000E+00
8180	89.3365	0.750000	0.000000E+00
8182	94.1895	0.750000	0.000000E+00
8183	99.0425	0.750000	0.000000E+00
8184	103.896	0.750000	0.000000E+00
8185	108.749	0.750000	0.000000E+00
8186	113.602	0.750000	0.000000E+00
8187	118.455	0.750000	0.000000E+00
8189	123.307	0.750000	0.000000E+00
8190	128.160	0.750000	0.000000E+00
8191	133.015	0.750000	0.000000E+00
8192	137.869	0.750000	0.000000E+00
8194	142.724	0.750000	0.000000E+00
8195	147.579	0.750000	0.000000E+00
8198	152.435	0.750000	0.000000E+00
8201	157.290	0.750000	0.000000E+00
8205	162.144	0.750000	0.000000E+00
8206	166.999	0.750000	0.000000E+00
8211	171.855	0.750000	0.000000E+00
8214	176.710	0.750000	0.000000E+00
8215	181.566	0.750000	0.000000E+00
8218	186.423	0.750000	0.000000E+00
8219	191.279	0.750000	0.000000E+00
8223	196.136	0.750000	0.000000E+00
8225	200.994	0.750000	0.000000E+00
8226	205.850	0.750000	0.000000E+00
8228	210.708	0.750000	0.000000E+00
8229	215.564	0.750000	0.000000E+00

8231	220.422	0.750000	0.000000E+00
8232	225.278	0.750000	0.000000E+00
8234	230.136	0.750000	0.000000E+00
8238	234.994	0.750000	0.000000E+00
8249	239.852	0.750000	0.000000E+00
8264	244.710	0.750000	0.000000E+00
8296	249.568	0.750000	0.000000E+00
8302	254.426	0.750000	0.000000E+00
8318	259.284	0.750000	0.000000E+00
8321	264.142	0.750000	0.000000E+00
8470	269.000	0.750000	0.000000E+00
8471	273.858	0.750000	0.000000E+00
8477	278.717	0.750000	0.000000E+00
8478	283.575	0.750000	0.000000E+00
8481	288.434	0.750000	0.000000E+00
8482	293.293	0.750000	0.000000E+00
8485	298.152	0.750000	0.000000E+00
8486	303.012	0.750000	0.000000E+00
8489	307.870	0.750000	0.000000E+00
8490	312.730	0.750000	0.000000E+00
8509	317.588	0.750000	0.000000E+00
8510	322.447	0.750000	0.000000E+00
8513	327.306	0.750000	0.000000E+00
8514	332.165	0.750000	0.000000E+00
8517	337.024	0.750000	0.000000E+00
8518	341.883	0.750000	0.000000E+00
8521	346.743	0.750000	0.000000E+00
8524	351.601	0.750000	0.000000E+00
8525	356.460	0.750000	0.000000E+00
8528	361.320	0.750000	0.000000E+00
8529	366.236	0.709000	0.000000E+00
8532	371.150	0.601500	0.000000E+00
8533	376.009	0.469000	0.000000E+00
8549	380.871	0.331350	0.000000E+00
8550	385.732	0.193150	0.000000E+00
8553	390.594	0.593000E-01	0.000000E+00
8554	395.456	-0.755500E-01	0.000000E+00
8557	400.317	-0.209800	0.000000E+00
8558	405.179	-0.337250	0.000000E+00
8697	2.86050	10.5000	0.000000E+00
8750	7.58150	10.5000	0.000000E+00
8776	12.3025	10.5000	0.000000E+00
8779	17.0235	10.5000	0.000000E+00
8794	21.7445	10.5000	0.000000E+00
8804	26.4655	10.5000	0.000000E+00
8827	31.1865	10.5000	0.000000E+00
8830	35.9725	10.5000	0.000000E+00
8833	40.8235	10.5000	0.000000E+00
8967	74.7805	10.5000	0.000000E+00
8970	79.6315	10.5000	0.000000E+00
8973	84.4835	10.5000	0.000000E+00
8976	89.3365	10.5000	0.000000E+00
8978	94.1895	10.5000	0.000000E+00
8985	45.6745	10.5000	0.000000E+00
8987	50.5255	10.5000	0.000000E+00
8992	366.236	10.5410	0.000000E+00
8996	55.3765	10.5000	0.000000E+00
8998	60.2275	10.5000	0.000000E+00
9000	65.0785	10.5000	0.000000E+00
9002	69.9295	10.5000	0.000000E+00
9009	99.0425	10.5000	0.000000E+00
9012	103.896	10.5000	0.000000E+00
9015	108.749	10.5000	0.000000E+00
9018	113.602	10.5000	0.000000E+00
9024	371.150	10.6485	0.000000E+00
9026	376.009	10.7810	0.000000E+00
9028	380.871	10.9186	0.000000E+00
9030	385.732	11.0569	0.000000E+00
9033	118.455	10.5000	0.000000E+00
9037	390.594	11.1882	0.000000E+00
9041	123.307	10.5000	0.000000E+00
9043	395.456	11.3231	0.000000E+00
9048	400.317	11.4598	0.000000E+00
9062	128.160	10.5000	0.000000E+00
9065	133.015	10.5000	0.000000E+00
9068	137.869	10.5000	0.000000E+00
9071	142.724	10.5000	0.000000E+00
9074	147.579	10.5000	0.000000E+00
9081	152.435	10.5000	0.000000E+00
9083	157.290	10.5000	0.000000E+00
9085	162.144	10.5000	0.000000E+00
9087	166.999	10.5000	0.000000E+00
9089	171.855	10.5000	0.000000E+00
9096	176.710	10.5000	0.000000E+00
9098	181.566	10.5000	0.000000E+00
9100	186.423	10.5000	0.000000E+00
9102	191.279	10.5000	0.000000E+00
9104	196.136	10.5000	0.000000E+00
9106	200.994	10.5000	0.000000E+00
9226	405.179	11.5948	0.000000E+00
9228	205.850	10.5000	0.000000E+00
9230	210.708	10.5000	0.000000E+00
9232	215.564	10.5000	0.000000E+00
9234	220.422	10.5000	0.000000E+00
9236	225.278	10.5000	0.000000E+00
9241	230.136	10.5000	0.000000E+00
9243	234.994	10.5000	0.000000E+00
9245	239.852	10.5000	0.000000E+00
9248	244.710	10.5000	0.000000E+00
9251	249.568	10.5000	0.000000E+00
9254	254.426	10.5000	0.000000E+00
9256	259.284	10.5000	0.000000E+00
9260	264.142	10.5000	0.000000E+00
9269	269.000	10.5000	0.000000E+00
9272	273.858	10.5000	0.000000E+00

9275	278.717	10.5000	0.000000E+00
9278	283.575	10.5000	0.000000E+00
9283	288.434	10.5000	0.000000E+00
9285	293.293	10.5000	0.000000E+00
9287	298.152	10.5000	0.000000E+00
9289	303.012	10.5000	0.000000E+00
9291	307.870	10.5000	0.000000E+00
9295	312.730	10.5000	0.000000E+00
9299	317.588	10.5000	0.000000E+00
9302	322.447	10.5000	0.000000E+00
9305	327.306	10.5000	0.000000E+00
9308	332.165	10.5000	0.000000E+00
9315	337.024	10.5000	0.000000E+00
9318	341.883	10.5000	0.000000E+00
9321	346.743	10.5000	0.000000E+00
9324	351.601	10.5000	0.000000E+00
9327	356.460	10.5000	0.000000E+00
9333	361.320	10.5000	0.000000E+00
9974	2.86050	0.000000E+00	0.000000E+00
9976	2.86050	11.2500	0.000000E+00
9977	7.58150	0.000000E+00	0.000000E+00
9980	7.58150	11.2500	0.000000E+00
9981	12.3025	0.000000E+00	0.000000E+00
9983	12.3025	11.2500	0.000000E+00
9984	17.0235	0.000000E+00	0.000000E+00
9986	17.0235	11.2500	0.000000E+00
9987	21.7445	0.000000E+00	0.000000E+00
9989	21.7445	11.2500	0.000000E+00
9991	26.4655	0.000000E+00	0.000000E+00
9992	26.4655	11.2500	0.000000E+00
9993	31.1865	0.000000E+00	0.000000E+00
9994	31.1865	11.2500	0.000000E+00
9995	35.9725	0.000000E+00	0.000000E+00
9996	35.9725	11.2500	0.000000E+00
9997	40.8235	0.000000E+00	0.000000E+00
9998	40.8235	11.2500	0.000000E+00
9999	45.6745	0.000000E+00	0.000000E+00
10000	45.6745	11.2500	0.000000E+00
10001	50.5255	0.000000E+00	0.000000E+00
10002	50.5255	11.2500	0.000000E+00
10003	55.3765	0.000000E+00	0.000000E+00
10004	55.3765	11.2500	0.000000E+00
10006	60.2275	0.000000E+00	0.000000E+00
10007	60.2275	11.2500	0.000000E+00
10008	65.0785	0.000000E+00	0.000000E+00
10009	65.0785	11.2500	0.000000E+00
10010	69.9295	0.000000E+00	0.000000E+00
10011	69.9295	11.2500	0.000000E+00
10012	74.7805	0.000000E+00	0.000000E+00
10013	74.7805	11.2500	0.000000E+00
10014	79.6315	0.000000E+00	0.000000E+00
10015	79.6315	11.2500	0.000000E+00
10016	84.4835	0.000000E+00	0.000000E+00
10017	84.4835	11.2500	0.000000E+00
10018	89.3365	0.000000E+00	0.000000E+00
10019	89.3365	11.2500	0.000000E+00
10021	94.1895	0.000000E+00	0.000000E+00
10022	94.1895	11.2500	0.000000E+00
10023	99.0425	0.000000E+00	0.000000E+00
10024	99.0425	11.2500	0.000000E+00
10025	103.896	0.000000E+00	0.000000E+00
10026	103.896	11.2500	0.000000E+00
10027	108.749	0.000000E+00	0.000000E+00
10028	108.749	11.2500	0.000000E+00
10029	113.602	0.000000E+00	0.000000E+00
10030	113.602	11.2500	0.000000E+00
10031	118.455	0.000000E+00	0.000000E+00
10032	118.455	11.2500	0.000000E+00
10033	123.307	0.000000E+00	0.000000E+00
10034	123.307	11.2500	0.000000E+00
10035	128.160	0.000000E+00	0.000000E+00
10038	128.160	11.2500	0.000000E+00
10040	133.015	0.000000E+00	0.000000E+00
10041	133.015	11.2500	0.000000E+00
10042	137.869	0.000000E+00	0.000000E+00
10043	137.869	11.2500	0.000000E+00
10044	142.724	0.000000E+00	0.000000E+00
10045	142.724	11.2500	0.000000E+00
10046	147.579	0.000000E+00	0.000000E+00
10047	147.579	11.2500	0.000000E+00
10048	152.435	0.000000E+00	0.000000E+00
10049	152.435	11.2500	0.000000E+00
10050	157.290	0.000000E+00	0.000000E+00
10051	157.290	11.2500	0.000000E+00
10052	162.144	0.000000E+00	0.000000E+00
10053	162.144	11.2500	0.000000E+00
10055	166.999	0.000000E+00	0.000000E+00
10056	166.999	11.2500	0.000000E+00
10057	171.855	0.000000E+00	0.000000E+00
10058	171.855	11.2500	0.000000E+00
10059	176.710	0.000000E+00	0.000000E+00
10060	176.710	11.2500	0.000000E+00
10061	181.566	0.000000E+00	0.000000E+00
10062	181.566	11.2500	0.000000E+00
10063	186.423	0.000000E+00	0.000000E+00
10064	186.423	11.2500	0.000000E+00
10065	191.279	0.000000E+00	0.000000E+00
10066	191.279	11.2500	0.000000E+00
10067	196.136	0.000000E+00	0.000000E+00
10068	196.136	11.2500	0.000000E+00
10070	200.994	0.000000E+00	0.000000E+00
10071	200.994	11.2500	0.000000E+00
10072	205.850	0.000000E+00	0.000000E+00
10073	205.850	11.2500	0.000000E+00
10074	210.708	0.000000E+00	0.000000E+00

10075	210.708	11.2500	0.000000E+00
10076	215.564	0.000000E+00	0.000000E+00
10077	215.564	11.2500	0.000000E+00
10078	220.422	0.000000E+00	0.000000E+00
10079	220.422	11.2500	0.000000E+00
10080	225.278	0.000000E+00	0.000000E+00
10081	225.278	11.2500	0.000000E+00
10082	230.136	0.000000E+00	0.000000E+00
10083	230.136	11.2500	0.000000E+00
10084	234.994	0.000000E+00	0.000000E+00
10087	234.994	11.2500	0.000000E+00
10088	239.852	0.000000E+00	0.000000E+00
10090	239.852	11.2500	0.000000E+00
10091	244.710	0.000000E+00	0.000000E+00
10093	244.710	11.2500	0.000000E+00
10094	249.568	0.000000E+00	0.000000E+00
10096	249.568	11.2500	0.000000E+00
10097	254.426	0.000000E+00	0.000000E+00
10100	254.426	11.2500	0.000000E+00
10101	259.284	0.000000E+00	0.000000E+00
10102	259.284	11.2500	0.000000E+00
10103	264.142	0.000000E+00	0.000000E+00
10104	264.142	11.2500	0.000000E+00
10105	269.000	0.000000E+00	0.000000E+00
10106	269.000	11.2500	0.000000E+00
10107	273.858	0.000000E+00	0.000000E+00
10108	273.858	11.2500	0.000000E+00
10109	278.717	0.000000E+00	0.000000E+00
10110	278.717	11.2500	0.000000E+00
10112	283.575	0.000000E+00	0.000000E+00
10113	283.575	11.2500	0.000000E+00
10114	288.434	0.000000E+00	0.000000E+00
10115	288.434	11.2500	0.000000E+00
10116	293.293	0.000000E+00	0.000000E+00
10117	293.293	11.2500	0.000000E+00
10118	298.152	0.000000E+00	0.000000E+00
10119	298.152	11.2500	0.000000E+00
10120	303.012	0.000000E+00	0.000000E+00
10121	303.012	11.2500	0.000000E+00
10122	307.870	0.000000E+00	0.000000E+00
10124	307.870	11.2500	0.000000E+00
10125	312.730	0.000000E+00	0.000000E+00
10126	312.730	11.2500	0.000000E+00
10127	317.588	0.000000E+00	0.000000E+00
10128	317.588	11.2500	0.000000E+00
10129	322.447	0.000000E+00	0.000000E+00
10130	322.447	11.2500	0.000000E+00
10131	327.306	0.000000E+00	0.000000E+00
10132	327.306	11.2500	0.000000E+00
10133	332.165	0.000000E+00	0.000000E+00
10134	332.165	11.2500	0.000000E+00
10136	337.024	0.000000E+00	0.000000E+00
10138	337.024	11.2500	0.000000E+00
10139	341.883	0.000000E+00	0.000000E+00
10140	341.883	11.2500	0.000000E+00
10141	346.743	0.000000E+00	0.000000E+00
10142	346.743	11.2500	0.000000E+00
10143	351.601	0.000000E+00	0.000000E+00
10144	351.601	11.2500	0.000000E+00
10145	356.460	0.000000E+00	0.000000E+00
10146	356.460	11.2500	0.000000E+00
10147	361.320	0.000000E+00	0.000000E+00
10148	361.320	11.2500	0.000000E+00
10149	366.236	-0.410000E-01	0.000000E+00
10150	366.236	11.2910	0.000000E+00
10151	371.150	-0.148500	0.000000E+00
10153	371.150	11.3985	0.000000E+00
10154	376.009	-0.281000	0.000000E+00
10155	376.009	11.5310	0.000000E+00
10156	380.871	-0.418650	0.000000E+00
10157	380.871	11.6686	0.000000E+00
10158	385.732	-0.556850	0.000000E+00
10159	385.732	11.8069	0.000000E+00
10160	390.594	-0.690700	0.000000E+00
10161	390.594	11.9382	0.000000E+00
10162	395.456	-0.825550	0.000000E+00
10163	395.456	12.0730	0.000000E+00
10164	400.317	-0.959800	0.000000E+00
10165	400.317	12.2098	0.000000E+00
10166	405.179	-1.09225	0.000000E+00
10168	405.179	12.3447	0.000000E+00
10169	0.000000E+00	0.000000E+00	0.000000E+00
10171	0.000000E+00	0.750000	0.000000E+00
10173	0.000000E+00	2.12500	0.000000E+00
10179	0.000000E+00	9.12500	0.000000E+00
10181	0.000000E+00	10.5000	0.000000E+00
10183	0.000000E+00	11.2500	0.000000E+00
10187	0.500000	0.000000E+00	0.000000E+00
10189	0.500000	0.750000	0.000000E+00
10193	0.500000	2.12500	-1.00000
10194	0.500000	2.12500	0.000000E+00
10209	0.500000	9.12500	-1.00000
10210	0.500000	9.12500	0.000000E+00
10212	0.500000	10.5000	0.000000E+00
10214	0.500000	11.2500	0.000000E+00
10218	2.86050	2.12500	0.000000E+00
10220	2.86050	9.12500	0.000000E+00
10224	5.22100	0.000000E+00	0.000000E+00
10226	5.22100	0.750000	0.000000E+00
10228	5.22100	2.12500	-1.00000
10229	5.22100	2.12500	0.000000E+00
10240	5.22100	9.12500	-1.00000
10241	5.22100	9.12500	0.000000E+00
10243	5.22100	10.5000	0.000000E+00
10245	5.22100	11.2500	0.000000E+00

10249	7.54900	2.12500	0.000000E+00
10251	7.54900	9.12500	0.000000E+00
10255	7.58150	2.12500	0.000000E+00
10257	7.58150	9.12500	0.000000E+00
10261	9.94200	0.000000E+00	0.000000E+00
10263	9.94200	0.750000	0.000000E+00
10265	9.94200	2.12500	-1.00000
10266	9.94200	2.12500	0.000000E+00
10277	9.94200	9.12500	-1.00000
10278	9.94200	9.12500	0.000000E+00
10280	9.94200	10.5000	0.000000E+00
10282	9.94200	11.2500	0.000000E+00
10286	12.3025	2.12500	0.000000E+00
10288	12.3025	9.12500	0.000000E+00
10292	14.6630	0.000000E+00	0.000000E+00
10294	14.6630	0.750000	0.000000E+00
10296	14.6630	2.12500	-1.00000
10297	14.6630	2.12500	0.000000E+00
10308	14.6630	9.12500	-1.00000
10309	14.6630	9.12500	0.000000E+00
10311	14.6630	10.5000	0.000000E+00
10313	14.6630	11.2500	0.000000E+00
10317	17.0235	2.12500	0.000000E+00
10319	17.0235	9.12500	0.000000E+00
10323	17.5480	2.12500	0.000000E+00
10325	17.5480	9.12500	0.000000E+00
10329	19.3840	0.000000E+00	0.000000E+00
10331	19.3840	0.750000	0.000000E+00
10333	19.3840	2.12500	-1.00000
10334	19.3840	2.12500	0.000000E+00
10345	19.3840	9.12500	-1.00000
10346	19.3840	9.12500	0.000000E+00
10348	19.3840	10.5000	0.000000E+00
10350	19.3840	11.2500	0.000000E+00
10354	21.7445	2.12500	0.000000E+00
10356	21.7445	9.12500	0.000000E+00
10360	24.1050	0.000000E+00	0.000000E+00
10362	24.1050	0.750000	0.000000E+00
10364	24.1050	2.12500	-1.00000
10365	24.1050	2.12500	0.000000E+00
10376	24.1050	9.12500	-1.00000
10377	24.1050	9.12500	0.000000E+00
10379	24.1050	10.5000	0.000000E+00
10381	24.1050	11.2500	0.000000E+00
10385	26.4655	2.12500	0.000000E+00
10387	26.4655	9.12500	0.000000E+00
10391	27.5470	2.12500	0.000000E+00
10393	27.5470	9.12500	0.000000E+00
10397	28.8260	0.000000E+00	0.000000E+00
10399	28.8260	0.750000	0.000000E+00
10401	28.8260	2.12500	-1.00000
10402	28.8260	2.12500	0.000000E+00
10413	28.8260	9.12500	-1.00000
10414	28.8260	9.12500	0.000000E+00
10416	28.8260	10.5000	0.000000E+00
10418	28.8260	11.2500	0.000000E+00
10422	31.1865	2.12500	0.000000E+00
10424	31.1865	9.12500	0.000000E+00
10428	33.5470	0.000000E+00	0.000000E+00
10430	33.5470	0.750000	0.000000E+00
10434	33.5470	2.12500	-1.00000
10435	33.5470	2.12500	0.000000E+00
10450	33.5470	9.12500	-1.00000
10451	33.5470	9.12500	0.000000E+00
10453	33.5470	10.5000	0.000000E+00
10455	33.5470	11.2500	0.000000E+00
10459	35.9725	2.12500	0.000000E+00
10461	0.000000E+00	5.62500	0.000000E+00
10464	2.86050	5.62500	0.000000E+00
10467	7.54900	5.62500	0.000000E+00
10468	7.58150	5.62500	0.000000E+00
10471	12.3025	5.62500	0.000000E+00
10474	17.0235	5.62500	0.000000E+00
10475	17.5480	5.62500	0.000000E+00
10478	21.7445	5.62500	0.000000E+00
10481	26.4655	5.62500	0.000000E+00
10482	27.5470	5.62500	0.000000E+00
10485	31.1865	5.62500	0.000000E+00
10488	35.9725	5.62500	0.000000E+00
10491	39.5490	5.62500	0.000000E+00
10492	40.8235	5.62500	0.000000E+00
10495	45.6745	5.62500	0.000000E+00
10498	50.5255	5.62500	0.000000E+00
10499	51.8010	5.62500	0.000000E+00
10502	55.3765	5.62500	0.000000E+00
10505	60.2275	5.62500	0.000000E+00
10508	63.8030	5.62500	0.000000E+00
10509	65.0785	5.62500	0.000000E+00
10512	69.9295	5.62500	0.000000E+00
10515	74.7805	5.62500	0.000000E+00
10516	76.0550	5.62500	0.000000E+00
10519	79.6315	5.62500	0.000000E+00
10522	84.4835	5.62500	0.000000E+00
10525	88.0610	5.62500	0.000000E+00
10526	89.3365	5.62500	0.000000E+00
10529	94.1895	5.62500	0.000000E+00
10532	99.0425	5.62500	0.000000E+00
10533	100.318	5.62500	0.000000E+00
10536	103.896	5.62500	0.000000E+00
10539	108.749	5.62500	0.000000E+00
10542	112.325	5.62500	0.000000E+00
10543	113.602	5.62500	0.000000E+00
10546	118.455	5.62500	0.000000E+00
10549	123.307	5.62500	0.000000E+00
10550	124.582	5.62500	0.000000E+00

10553	128.160	5.62500	0.000000E+00
10556	133.015	5.62500	0.000000E+00
10559	136.594	5.62500	0.000000E+00
10560	137.869	5.62500	0.000000E+00
10563	142.724	5.62500	0.000000E+00
10566	147.579	5.62500	0.000000E+00
10567	148.856	5.62500	0.000000E+00
10570	152.435	5.62500	0.000000E+00
10573	157.290	5.62500	0.000000E+00
10576	160.868	5.62500	0.000000E+00
10577	162.144	5.62500	0.000000E+00
10580	166.999	5.62500	0.000000E+00
10583	171.855	5.62500	0.000000E+00
10584	173.130	5.62500	0.000000E+00
10587	176.710	5.62500	0.000000E+00
10590	181.566	5.62500	0.000000E+00
10593	185.147	5.62500	0.000000E+00
10594	186.423	5.62500	0.000000E+00
10597	191.279	5.62500	0.000000E+00
10600	196.136	5.62500	0.000000E+00
10601	197.414	5.62500	0.000000E+00
10604	200.994	5.62500	0.000000E+00
10607	205.850	5.62500	0.000000E+00
10610	209.430	5.62500	0.000000E+00
10611	210.708	5.62500	0.000000E+00
10614	215.564	5.62500	0.000000E+00
10617	220.422	5.62500	0.000000E+00
10618	221.697	5.62500	0.000000E+00
10621	225.278	5.62500	0.000000E+00
10624	230.136	5.62500	0.000000E+00
10627	233.716	5.62500	0.000000E+00
10628	234.994	5.62500	0.000000E+00

TOTAL NUMBER OF NODES = 3840  
LARGEST NODE NUMBER = 10628  
DATA STORAGE LOCATIONS USED = 26880

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
1	1ST NODE	=0.2928E-01	IYY =0.4209E-02	IZZ =0.9047E-04	KT =0.3477E-05	ASZ =0.1703E-01
	2ND NODE	=0.2928E-01	IYY =0.4209E-02	IZZ =0.9047E-04	KT =0.3477E-05	ASZ =0.1703E-01

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
2	1ST NODE	=0.2640E-01	IYY =0.3988E-02	IZZ =0.9027E-04	KT =0.2665E-05	ASZ =0.1428E-01
	2ND NODE	=0.2640E-01	IYY =0.3988E-02	IZZ =0.9027E-04	KT =0.2665E-05	ASZ =0.1428E-01

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

Trave\_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
3	1ST NODE	=0.1490E-01	IYY =0.5827E-03	IZZ =0.2680E-04	KT =0.1567E-05	ASZ =0.7035E-02
	2ND NODE	=0.1490E-01	IYY =0.5827E-03	IZZ =0.2680E-04	KT =0.1567E-05	ASZ =0.7035E-02

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

soletta\_estremo (soletta\_estremo (RSS D=0.3 B=0.1))  
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
4	1ST NODE	=0.3000E-01	IYY =0.2250E-03	IZZ =0.2500E-04	KT =0.7900E-04	ASZ =0.2500E-01
	2ND NODE	=0.3000E-01	IYY =0.2250E-03	IZZ =0.2500E-04	KT =0.7900E-04	ASZ =0.2500E-01



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

soletta\_coda (soletta\_coda (RSS D=0.3 B=1.71285))  
PROPERTY

BMI21 ELEMENTS									
5	1ST NODE	AREA =0.5139	IYY =0.3854E-02	IZZ =0.1256	KT =0.1372E-01	ASZ =0.4285			
		ASY =0.4282	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.5139	IYY =0.3854E-02	IZZ =0.1256	KT =0.1372E-01	ASZ =0.4285			
		ASY =0.4282	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

soletta\_riva (soletta\_riva (RSS D=0.3 B=2.4255))  
PROPERTY

BMI21 ELEMENTS									
6	1ST NODE	AREA =0.7277	IYY =0.5457E-02	IZZ =0.3567	KT =0.2013E-01	ASZ =0.6069			
		ASY =0.6064	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7277	IYY =0.5457E-02	IZZ =0.3567	KT =0.2013E-01	ASZ =0.6069			
		ASY =0.6064	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

soletta\_transiz (soletta\_transiz (RSS D=0.3 B=2.427))  
PROPERTY

BMI21 ELEMENTS									
7	1ST NODE	AREA =0.7281	IYY =0.5461E-02	IZZ =0.3574	KT =0.2014E-01	ASZ =0.6072			
		ASY =0.6068	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7281	IYY =0.5461E-02	IZZ =0.3574	KT =0.2014E-01	ASZ =0.6072			
		ASY =0.6068	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

soletta\_tipo (soletta\_tipo (RSS D=0.3 B=2.4285))  
PROPERTY

BMI21 ELEMENTS									
8	1ST NODE	AREA =0.7286	IYY =0.5464E-02	IZZ =0.3581	KT =0.2016E-01	ASZ =0.6076			
		ASY =0.6071	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7286	IYY =0.5464E-02	IZZ =0.3581	KT =0.2016E-01	ASZ =0.6076			
		ASY =0.6071	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

C1 (Bridge deck - girder with top slab) with BDM\_Phase3  
PROPERTY

BMI21 ELEMENTS									
9	1ST NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
GEOMETRIC STIFFNESS MODIFICATION FACTORS									
	SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
	SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS									
	MF1 =0.3480E+08	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									
10	1ST NODE	AREA =2.667	IYY =2.410	IZZ =4.957	KT =0.2568E-01	ASZ =1.659			
		ASY =1.840	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.667	IYY =2.410	IZZ =4.957	KT =0.2568E-01	ASZ =1.659			
		ASY =1.840	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
GEOMETRIC STIFFNESS MODIFICATION FACTORS									
	SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
	SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.3928E+08 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  
 11 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.4025E+08 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  
 12 1ST NODE AREA =1.325 IYY =1.731 IZZ =0.9556 KT =0.2593E-01 ASZ =1.714  
 ASY =1.917 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =1.325 IYY =1.731 IZZ =0.9556 KT =0.2593E-01 ASZ =1.714  
 ASY =1.917 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.9409E+08 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  
 13 1ST NODE AREA =2.636 IYY =2.407 IZZ =5.023 KT =0.2565E-01 ASZ =1.658  
 ASY =1.816 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.636 IYY =2.407 IZZ =5.023 KT =0.2565E-01 ASZ =1.658  
 ASY =1.816 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.3828E+08 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  
 14 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.4025E+08 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

georigida  
PROPERTY

BMI21 ELEMENTS		AREA	=10.00	IYY	=100.0	IZZ	=100.0	KT	=100.0	ASZ	=0.1000E+05
15	1ST NODE	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  
16 ECCENTRICITY = 0.0000E+00  
DATA STORAGE LOCATIONS USED = 1112

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	30	1	16	4
31	36	1	4	6
37	0	0	9	11
38	0	0	3	3
39	0	0	9	11
40	41	1	5	7
42	0	0	1	1
43	0	0	5	7
44	0	0	1	1
45	47	1	5	7
48	0	0	9	11
49	0	0	3	3
50	0	0	9	11
51	56	1	6	8
57	0	0	9	11
58	0	0	3	3
59	0	0	9	11
60	61	1	6	8
62	0	0	2	2
63	0	0	6	8
64	0	0	2	2
65	67	1	6	8
68	0	0	9	11
69	0	0	3	3
70	0	0	9	11
71	0	0	13	19
72	0	0	3	3
73	0	0	13	19
74	79	1	6	8
80	0	0	13	19
81	0	0	3	3
82	0	0	13	19
83	84	1	6	8
85	0	0	2	2
86	0	0	6	8
87	0	0	2	2
88	90	1	6	8
91	0	0	13	19
92	0	0	3	3
93	0	0	13	19
94	99	1	6	8
100	0	0	13	19
101	0	0	3	3
102	0	0	13	19
103	104	1	6	8
105	0	0	2	2
106	0	0	6	8
107	0	0	2	2
108	110	1	6	8
111	0	0	13	19
112	0	0	3	3
113	0	0	13	19
114	119	1	6	8
120	0	0	13	19
121	0	0	3	3
122	0	0	13	19
123	0	0	14	21
124	0	0	3	3
125	0	0	14	21
126	127	1	6	8
128	0	0	2	2
129	0	0	6	8
130	0	0	2	2
131	133	1	6	8
134	0	0	14	21
135	0	0	3	3
136	0	0	14	21
137	142	1	6	8

143	0	0	14	21
144	0	0	3	3
145	0	0	14	21
146	147	1	6	8
148	0	0	2	2
149	0	0	6	8
150	0	0	2	2
151	153	1	6	8
154	0	0	14	21
155	0	0	3	3
156	0	0	14	21
157	162	1	6	8
163	0	0	14	21
164	0	0	3	3
165	0	0	14	21
166	0	0	12	18
167	0	0	3	3
168	0	0	12	18
169	170	1	6	8
171	0	0	2	2
172	0	0	6	8
173	0	0	2	2
174	176	1	6	8
177	0	0	12	18
178	0	0	3	3
179	0	0	12	18
180	185	1	6	8
186	0	0	12	18
187	0	0	3	3
188	0	0	12	18
189	190	1	7	9
191	0	0	1	1
192	0	0	7	9
193	0	0	1	1
194	196	1	7	9
197	0	0	12	18
198	0	0	3	3
199	0	0	12	18
200	205	1	8	10
206	0	0	12	18
207	0	0	3	3
208	0	0	12	18
209	210	1	8	10
211	0	0	2	2
212	0	0	8	10
213	0	0	2	2
214	216	1	8	10
217	0	0	12	18
218	0	0	3	3
219	0	0	12	18
220	0	0	11	15
221	0	0	3	3
222	0	0	11	15
223	228	1	8	10
229	0	0	11	15
230	0	0	3	3
231	0	0	11	15
232	233	1	8	10
234	0	0	2	2
235	0	0	8	10
236	0	0	2	2
237	239	1	8	10
240	0	0	11	15
241	0	0	3	3
242	0	0	11	15
243	248	1	8	10
249	0	0	11	15
250	0	0	3	3
251	0	0	11	15
252	253	1	8	10
254	0	0	2	2
255	0	0	8	10
256	0	0	2	2
257	259	1	8	10
260	0	0	11	15
261	0	0	3	3
262	0	0	11	15
263	268	1	8	10
269	0	0	11	15
270	0	0	3	3
271	0	0	11	15
272	0	0	10	13
273	0	0	3	3
274	0	0	10	13
275	276	1	8	10
277	0	0	2	2
278	0	0	8	10
279	0	0	2	2
280	282	1	8	10
283	0	0	10	13
284	0	0	3	3
285	0	0	10	13
286	291	1	8	10
292	0	0	10	13
293	0	0	3	3
294	0	0	10	13
295	296	1	8	10
297	0	0	2	2
298	0	0	8	10
299	0	0	2	2
300	302	1	8	10
303	0	0	10	13
304	0	0	3	3
305	0	0	10	13
306	311	1	8	10

312	0	0	10	13
313	0	0	3	3
314	0	0	10	13
315	316	1	8	10
317	0	0	2	2
318	0	0	8	10
319	0	0	2	2
320	322	1	8	10
323	0	0	10	13
324	0	0	3	3
325	0	0	10	13
326	0	0	11	15
327	0	0	3	3
328	0	0	11	15
329	334	1	8	10
335	0	0	11	15
336	0	0	3	3
337	0	0	11	15
338	339	1	8	10
340	0	0	2	2
341	0	0	8	10
342	0	0	2	2
343	345	1	8	10
346	0	0	11	15
347	0	0	3	3
348	0	0	11	15
349	354	1	8	10
355	0	0	11	15
356	0	0	3	3
357	0	0	11	15
358	359	1	8	10
360	0	0	2	2
361	0	0	8	10
362	0	0	2	2
363	365	1	8	10
366	0	0	11	15
367	0	0	3	3
368	0	0	11	15
369	374	1	8	10
375	0	0	11	15
376	0	0	3	3
377	0	0	11	15
378	0	0	12	18
379	0	0	3	3
380	0	0	12	18
381	382	1	8	10
383	0	0	2	2
384	0	0	8	10
385	0	0	2	2
386	388	1	8	10
389	0	0	12	18
390	0	0	3	3
391	0	0	12	18
392	397	1	8	10
398	0	0	12	18
399	0	0	3	3
400	0	0	12	18
401	402	1	8	10
403	0	0	1	1
404	0	0	8	10
405	0	0	1	1
406	408	1	8	10
409	0	0	12	18
410	0	0	3	3
411	0	0	12	18
412	417	1	8	10
418	0	0	12	18
419	0	0	3	3
420	0	0	12	18
421	422	1	8	10
423	0	0	2	2
424	0	0	8	10
425	0	0	2	2
426	428	1	8	10
429	0	0	12	18
430	0	0	3	3
431	0	0	12	18
432	0	0	11	15
433	0	0	3	3
434	0	0	11	15
435	440	1	8	10
441	0	0	11	15
442	0	0	3	3
443	0	0	11	15
444	445	1	8	10
446	0	0	2	2
447	0	0	8	10
448	0	0	2	2
449	451	1	8	10
452	0	0	11	15
453	0	0	3	3
454	0	0	11	15
455	460	1	8	10
461	0	0	11	15
462	0	0	3	3
463	0	0	11	15
464	465	1	8	10
466	0	0	2	2
467	0	0	8	10
468	0	0	2	2
469	471	1	8	10
472	0	0	11	15
473	0	0	3	3
474	0	0	11	15
475	480	1	8	10

481	0	0	11	15
482	0	0	3	3
483	0	0	11	15
484	0	0	10	13
485	0	0	3	3
486	0	0	10	13
487	488	1	8	10
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490	0	0	8	10
491	0	0	2	2
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495	0	0	10	13
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511	0	0	2	2
512	514	1	8	10
515	0	0	10	13
516	0	0	3	3
517	0	0	10	13
518	523	1	8	10
524	0	0	10	13
525	0	0	3	3
526	0	0	10	13
527	528	1	8	10
529	0	0	2	2
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531	0	0	2	2
532	534	1	8	10
535	0	0	10	13
536	0	0	3	3
537	0	0	10	13
538	0	0	11	15
539	0	0	3	3
540	0	0	11	15
541	546	1	8	10
547	0	0	11	15
548	0	0	3	3
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559	0	0	3	3
560	0	0	11	15
561	566	1	8	10
567	0	0	11	15
568	0	0	3	3
569	0	0	11	15
570	571	1	8	10
572	0	0	2	2
573	0	0	8	10
574	0	0	2	2
575	577	1	8	10
578	0	0	11	15
579	0	0	3	3
580	0	0	11	15
581	586	1	8	10
587	0	0	11	15
588	0	0	3	3
589	0	0	11	15
590	0	0	12	18
591	0	0	3	3
592	0	0	12	18
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596	0	0	8	10
597	0	0	2	2
598	600	1	8	10
601	0	0	12	18
602	0	0	3	3
603	0	0	12	18
604	609	1	8	10
610	0	0	12	18
611	0	0	3	3
612	0	0	12	18
613	614	1	8	10
615	0	0	1	1
616	0	0	8	10
617	0	0	1	1
618	620	1	8	10
621	0	0	12	18
622	0	0	3	3
623	0	0	12	18
624	629	1	8	10
630	0	0	12	18
631	0	0	3	3
632	0	0	12	18
633	634	1	8	10
635	0	0	2	2
636	0	0	8	10
637	0	0	2	2
638	640	1	8	10
641	0	0	12	18
642	0	0	3	3
643	0	0	12	18
644	0	0	11	15

645	0	0	3	3
646	0	0	11	15
647	652	1	8	10
653	0	0	11	15
654	0	0	3	3
655	0	0	11	15
656	657	1	8	10
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675	0	0	11	15
676	677	1	8	10
678	0	0	2	2
679	0	0	8	10
680	0	0	2	2
681	683	1	8	10
684	0	0	11	15
685	0	0	3	3
686	0	0	11	15
687	692	1	8	10
693	0	0	11	15
694	0	0	3	3
695	0	0	11	15
696	0	0	10	13
697	0	0	3	3
698	0	0	10	13
699	700	1	8	10
701	0	0	2	2
702	0	0	8	10
703	0	0	2	2
704	706	1	8	10
707	0	0	10	13
708	0	0	3	3
709	0	0	10	13
710	715	1	8	10
716	0	0	10	13
717	0	0	3	3
718	0	0	10	13
719	720	1	8	10
721	0	0	2	2
722	0	0	8	10
723	0	0	2	2
724	726	1	8	10
727	0	0	10	13
728	0	0	3	3
729	0	0	10	13
730	735	1	8	10
736	0	0	10	13
737	0	0	3	3
738	0	0	10	13
739	740	1	8	10
741	0	0	2	2
742	0	0	8	10
743	0	0	2	2
744	746	1	8	10
747	0	0	10	13
748	0	0	3	3
749	0	0	10	13
750	0	0	11	15
751	0	0	3	3
752	0	0	11	15
753	758	1	8	10
759	0	0	11	15
760	0	0	3	3
761	0	0	11	15
762	763	1	8	10
764	0	0	2	2
765	0	0	8	10
766	0	0	2	2
767	769	1	8	10
770	0	0	11	15
771	0	0	3	3
772	0	0	11	15
773	778	1	8	10
779	0	0	11	15
780	0	0	3	3
781	0	0	11	15
782	783	1	8	10
784	0	0	2	2
785	0	0	8	10
786	0	0	2	2
787	789	1	8	10
790	0	0	11	15
791	0	0	3	3
792	0	0	11	15
793	798	1	8	10
799	0	0	11	15
800	0	0	3	3
801	0	0	11	15
802	0	0	12	18
803	0	0	3	3
804	0	0	12	18
805	806	1	8	10
807	0	0	2	2
808	0	0	8	10
809	0	0	2	2
810	812	1	8	10
813	0	0	12	18

814	0	0	3	3
815	0	0	12	18
816	821	1	8	10
822	0	0	12	18
823	0	0	3	3
824	0	0	12	18
825	826	1	8	10
827	0	0	1	1
828	0	0	8	10
829	0	0	1	1
830	832	1	8	10
833	0	0	12	18
834	0	0	3	3
835	0	0	12	18
836	841	1	8	10
842	0	0	12	18
843	0	0	3	3
844	0	0	12	18
845	846	1	8	10
847	0	0	2	2
848	0	0	8	10
849	0	0	2	2
850	852	1	8	10
853	0	0	12	18
854	0	0	3	3
855	0	0	12	18
856	0	0	11	15
857	0	0	3	3
858	0	0	11	15
859	864	1	8	10
865	0	0	11	15
866	0	0	3	3
867	0	0	11	15
868	869	1	8	10
870	0	0	2	2
871	0	0	8	10
872	0	0	2	2
873	875	1	8	10
876	0	0	11	15
877	0	0	3	3
878	0	0	11	15
879	884	1	8	10
885	0	0	11	15
886	0	0	3	3
887	0	0	11	15
888	889	1	8	10
890	0	0	2	2
891	0	0	8	10
892	0	0	2	2
893	895	1	8	10
896	0	0	11	15
897	0	0	3	3
898	0	0	11	15
899	904	1	8	10
905	0	0	11	15
906	0	0	3	3
907	0	0	11	15
908	0	0	10	13
909	0	0	3	3
910	0	0	10	13
911	912	1	8	10
913	0	0	2	2
914	0	0	8	10
915	0	0	2	2
916	918	1	8	10
919	0	0	10	13
920	0	0	3	3
921	0	0	10	13
922	927	1	8	10
928	0	0	10	13
929	0	0	3	3
930	0	0	10	13
931	932	1	8	10
933	0	0	2	2
934	0	0	8	10
935	0	0	2	2
936	938	1	8	10
939	0	0	10	13
940	0	0	3	3
941	0	0	10	13
942	947	1	8	10
948	0	0	10	13
949	0	0	3	3
950	0	0	10	13
951	952	1	8	10
953	0	0	2	2
954	0	0	8	10
955	0	0	2	2
956	958	1	8	10
959	0	0	10	13
960	0	0	3	3
961	0	0	10	13
962	0	0	11	15
963	0	0	3	3
964	0	0	11	15
965	970	1	8	10
971	0	0	11	15
972	0	0	3	3
973	0	0	11	15
974	975	1	8	10
976	0	0	2	2
977	0	0	8	10
978	0	0	2	2
979	981	1	8	10
982	0	0	11	15



983	0	0	3	3
984	0	0	11	15
985	990	1	8	10
991	0	0	11	15
992	0	0	3	3
993	0	0	11	15
994	995	1	8	10
996	0	0	2	2
997	0	0	8	10
998	0	0	2	2
999	1001	1	8	10
1002	0	0	11	15
1003	0	0	3	3
1004	0	0	11	15
1005	1010	1	8	10
1011	0	0	11	15
1012	0	0	3	3
1013	0	0	11	15
1014	0	0	12	18
1015	0	0	3	3
1016	0	0	12	18
1017	1018	1	8	10
1019	0	0	2	2
1020	0	0	8	10
1021	0	0	2	2
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1026	0	0	3	3
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1028	1033	1	8	10
1034	0	0	12	18
1035	0	0	3	3
1036	0	0	12	18
1037	1038	1	8	10
1039	0	0	1	1
1040	0	0	8	10
1041	0	0	1	1
1042	1044	1	8	10
1045	0	0	12	18
1046	0	0	3	3
1047	0	0	12	18
1048	1053	1	8	10
1054	0	0	12	18
1055	0	0	3	3
1056	0	0	12	18
1057	1058	1	8	10
1059	0	0	2	2
1060	0	0	8	10
1061	0	0	2	2
1062	1064	1	8	10
1065	0	0	12	18
1066	0	0	3	3
1067	0	0	12	18
1068	0	0	11	15
1069	0	0	3	3
1070	0	0	11	15
1071	1076	1	8	10
1077	0	0	11	15
1078	0	0	3	3
1079	0	0	11	15
1080	1081	1	8	10
1082	0	0	2	2
1083	0	0	8	10
1084	0	0	2	2
1085	1087	1	8	10
1088	0	0	11	15
1089	0	0	3	3
1090	0	0	11	15
1091	1096	1	8	10
1097	0	0	11	15
1098	0	0	3	3
1099	0	0	11	15
1100	1101	1	8	10
1102	0	0	2	2
1103	0	0	8	10
1104	0	0	2	2
1105	1107	1	8	10
1108	0	0	11	15
1109	0	0	3	3
1110	0	0	11	15
1111	1116	1	8	10
1117	0	0	11	15
1118	0	0	3	3
1119	0	0	11	15
1120	0	0	10	13
1121	0	0	3	3
1122	0	0	10	13
1123	1124	1	8	10
1125	0	0	2	2
1126	0	0	8	10
1127	0	0	2	2
1128	1130	1	8	10
1131	0	0	10	13
1132	0	0	3	3
1133	0	0	10	13
1134	1139	1	8	10
1140	0	0	10	13
1141	0	0	3	3
1142	0	0	10	13
1143	1144	1	8	10
1145	0	0	2	2
1146	0	0	8	10
1147	0	0	2	2
1148	1150	1	8	10
1151	0	0	10	13

1152	0	0	3	3
1153	0	0	10	13
1154	1159	1	8	10
1160	0	0	10	13
1161	0	0	3	3
1162	0	0	10	13
1163	1164	1	8	10
1165	0	0	2	2
1166	0	0	8	10
1167	0	0	2	2
1168	1170	1	8	10
1171	0	0	10	13
1172	0	0	3	3
1173	0	0	10	13
1174	0	0	11	15
1175	0	0	3	3
1176	0	0	11	15
1177	1182	1	8	10
1183	0	0	11	15
1184	0	0	3	3
1185	0	0	11	15
1186	1187	1	8	10
1188	0	0	2	2
1189	0	0	8	10
1190	0	0	2	2
1191	1193	1	8	10
1194	0	0	11	15
1195	0	0	3	3
1196	0	0	11	15
1197	1202	1	8	10
1203	0	0	11	15
1204	0	0	3	3
1205	0	0	11	15
1206	1207	1	8	10
1208	0	0	2	2
1209	0	0	8	10
1210	0	0	2	2
1211	1213	1	8	10
1214	0	0	11	15
1215	0	0	3	3
1216	0	0	11	15
1217	1222	1	8	10
1223	0	0	11	15
1224	0	0	3	3
1225	0	0	11	15
1226	0	0	12	18
1227	0	0	3	3
1228	0	0	12	18
1229	1230	1	8	10
1231	0	0	2	2
1232	0	0	8	10
1233	0	0	2	2
1234	1236	1	8	10
1237	0	0	12	18
1238	0	0	3	3
1239	0	0	12	18
1240	1245	1	8	10
1246	0	0	12	18
1247	0	0	3	3
1248	0	0	12	18
1249	1250	1	8	10
1251	0	0	1	1
1252	0	0	8	10
1253	0	0	1	1
1254	1256	1	8	10
1257	0	0	12	18
1258	0	0	3	3
1259	0	0	12	18
1260	1265	1	8	10
1266	0	0	12	18
1267	0	0	3	3
1268	0	0	12	18
1269	1270	1	8	10
1271	0	0	2	2
1272	0	0	8	10
1273	0	0	2	2
1274	1276	1	8	10
1277	0	0	12	18
1278	0	0	3	3
1279	0	0	12	18
1280	0	0	11	15
1281	0	0	3	3
1282	0	0	11	15
1283	1288	1	8	10
1289	0	0	11	15
1290	0	0	3	3
1291	0	0	11	15
1292	1293	1	8	10
1294	0	0	2	2
1295	0	0	8	10
1296	0	0	2	2
1297	1299	1	8	10
1300	0	0	11	15
1301	0	0	3	3
1302	0	0	11	15
1303	1308	1	8	10
1309	0	0	11	15
1310	0	0	3	3
1311	0	0	11	15
1312	1313	1	8	10
1314	0	0	2	2
1315	0	0	8	10
1316	0	0	2	2
1317	1319	1	8	10
1320	0	0	11	15

1321	0	0	3	3
1322	0	0	11	15
1323	1328	1	8	10
1329	0	0	11	15
1330	0	0	3	3
1331	0	0	11	15
1332	0	0	10	13
1333	0	0	3	3
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1335	1336	1	8	10
1337	0	0	2	2
1338	0	0	8	10
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1353	0	0	3	3
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1358	0	0	8	10
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1363	0	0	10	13
1364	0	0	3	3
1365	0	0	10	13
1366	1371	1	8	10
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1373	0	0	3	3
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1384	0	0	3	3
1385	0	0	10	13
1386	0	0	11	15
1387	0	0	3	3
1388	0	0	11	15
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1396	0	0	3	3
1397	0	0	11	15
1398	1399	1	8	10
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1409	1414	1	8	10
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1416	0	0	3	3
1417	0	0	11	15
1418	1419	1	8	10
1420	0	0	2	2
1421	0	0	8	10
1422	0	0	2	2
1423	1425	1	8	10
1426	0	0	11	15
1427	0	0	3	3
1428	0	0	11	15
1429	1434	1	8	10
1435	0	0	11	15
1436	0	0	3	3
1437	0	0	11	15
1438	0	0	12	18
1439	0	0	3	3
1440	0	0	12	18
1441	1442	1	8	10
1443	0	0	2	2
1444	0	0	8	10
1445	0	0	2	2
1446	1448	1	8	10
1449	0	0	12	18
1450	0	0	3	3
1451	0	0	12	18
1452	1457	1	8	10
1458	0	0	12	18
1459	0	0	3	3
1460	0	0	12	18
1461	1462	1	8	10
1463	0	0	1	1
1464	0	0	8	10
1465	0	0	1	1
1466	1468	1	8	10
1469	0	0	12	18
1470	0	0	3	3
1471	0	0	12	18
1472	1477	1	8	10
1478	0	0	12	18
1479	0	0	3	3
1480	0	0	12	18
1481	1482	1	8	10
1483	0	0	2	2
1484	0	0	8	10
1485	0	0	2	2
1486	1488	1	8	10
1489	0	0	12	18

1490	0	0	3	3
1491	0	0	12	18
1492	0	0	11	15
1493	0	0	3	3
1494	0	0	11	15
1495	1500	1	8	10
1501	0	0	11	15
1502	0	0	3	3
1503	1504	1	11	15
1505	0	0	3	3
1506	0	0	11	15
1507	1508	1	8	10
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1511	0	0	2	2
1512	1514	1	8	10
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1518	1523	1	8	10
1524	0	0	11	15
1525	0	0	3	3
1526	0	0	11	15
1527	1528	1	8	10
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1530	0	0	8	10
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1532	1534	1	8	10
1535	0	0	11	15
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1545	0	0	3	3
1546	0	0	11	15
1547	0	0	10	13
1548	0	0	3	3
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1555	1557	1	8	10
1558	0	0	10	13
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1567	0	0	10	13
1568	0	0	3	3
1569	0	0	10	13
1570	1571	1	8	10
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1573	0	0	8	10
1574	0	0	2	2
1575	1577	1	8	10
1578	0	0	10	13
1579	0	0	3	3
1580	0	0	10	13
1581	1586	1	8	10
1587	0	0	10	13
1588	0	0	3	3
1589	0	0	10	13
1590	1591	1	8	10
1592	0	0	2	2
1593	0	0	8	10
1594	0	0	2	2
1595	1597	1	8	10
1598	0	0	10	13
1599	0	0	3	3
1600	0	0	10	13
1601	0	0	11	15
1602	0	0	3	3
1603	0	0	11	15
1604	1609	1	8	10
1610	0	0	11	15
1611	0	0	3	3
1612	0	0	11	15
1613	1614	1	8	10
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1616	0	0	8	10
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1618	1620	1	8	10
1621	0	0	11	15
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1623	0	0	11	15
1624	1629	1	8	10
1630	0	0	11	15
1631	0	0	3	3
1632	0	0	11	15
1633	1634	1	8	10
1635	0	0	2	2
1636	0	0	8	10
1637	0	0	2	2
1638	1640	1	8	10
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1642	0	0	3	3
1643	1644	1	11	15
1645	0	0	3	3
1646	0	0	11	15
1647	1652	1	8	10
1653	0	0	11	15
1654	0	0	3	3
1655	1656	1	11	15
1657	0	0	3	3
1658	0	0	11	15

1659	0	0	12	18
1660	0	0	3	3
1661	0	0	12	18
1662	1663	1	8	10
1664	0	0	2	2
1665	0	0	8	10
1666	0	0	2	2
1667	1669	1	8	10
1670	0	0	12	18
1671	0	0	3	3
1672	0	0	12	18
1673	1678	1	8	10
1679	0	0	12	18
1680	0	0	3	3
1681	0	0	12	18
1682	1683	1	7	9
1684	0	0	1	1
1685	0	0	7	9
1686	0	0	1	1
1687	1689	1	7	9
1690	0	0	12	18
1691	0	0	3	3
1692	0	0	12	18
1693	1698	1	6	8
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1705	0	0	6	8
1706	0	0	2	2
1707	1709	1	6	8
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1712	0	0	12	18
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1723	0	0	3	3
1724	0	0	14	21
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1727	0	0	2	2
1728	0	0	6	8
1729	0	0	2	2
1730	1732	1	6	8
1733	0	0	14	21
1734	0	0	3	3
1735	0	0	14	21
1736	1741	1	6	8
1742	0	0	14	21
1743	0	0	3	3
1744	0	0	14	21
1745	1746	1	6	8
1747	0	0	2	2
1748	0	0	6	8
1749	0	0	2	2
1750	1752	1	6	8
1753	0	0	14	21
1754	0	0	3	3
1755	0	0	14	21
1756	0	0	13	19
1757	0	0	3	3
1758	0	0	13	19
1759	1764	1	6	8
1765	0	0	13	19
1766	0	0	3	3
1767	0	0	13	19
1768	1769	1	6	8
1770	0	0	2	2
1771	0	0	6	8
1772	0	0	2	2
1773	1775	1	6	8
1776	0	0	13	19
1777	0	0	3	3
1778	0	0	13	19
1779	1784	1	6	8
1785	0	0	13	19
1786	0	0	3	3
1787	0	0	13	19
1788	1789	1	6	8
1790	0	0	2	2
1791	0	0	6	8
1792	0	0	2	2
1793	1795	1	6	8
1796	0	0	13	19
1797	0	0	3	3
1798	0	0	13	19
1799	0	0	9	11
1800	0	0	3	3
1801	0	0	9	11
1802	1807	1	6	8
1808	0	0	9	11
1809	0	0	3	3
1810	0	0	9	11
1811	1812	1	6	8
1813	0	0	2	2
1814	0	0	6	8
1815	0	0	2	2
1816	1818	1	6	8
1819	0	0	9	11
1820	0	0	3	3
1821	0	0	9	11
1822	1827	1	6	8

1828	0	0	9	11
1829	0	0	3	3
1830	0	0	9	11
1831	1832	1	5	7
1833	0	0	1	1
1834	0	0	5	7
1835	0	0	1	1
1836	1838	1	5	7
1839	0	0	9	11
1840	0	0	3	3
1841	0	0	9	11
1842	1847	1	4	6
1848	1932	1	15	23
1933	2017	1	16	4

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS	=	1132
TOTAL NUMBER OF ELEMENTS	=	2017
LARGEST ELEMENT NUMBER	=	2017
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER	=	16
DATA STORAGE LOCATIONS USED	=	6051

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

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

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

MATERIAL

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

svincoli spina  
8 KX = 0.1000E+16 KY = 0.1000E+16 KZ = 0.1000E+16 KTX = 100.0 KTY = 0.0000E+00 KTZ = 0.0000E+00

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

MATERIAL

Steel (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

Concrete\_short\_term\_Phase3 (elastic) - compound BDM\_Phase3  
1 E = 0.3335E+11 NU = 0.2000 RHO = 0.1000E-04 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

Steel\_rigid\_ro=0 (elastic)  
 $\frac{3}{E} = 0.1000E+16$  NU = 0.3000 RHO = 0.0000E+00 ALPHA = 0.1000E-04 ARAYL = 0.0000E+00 BRAYL = 0.0000E+00  
 TEMP = 0.0000E+00

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

MATERIAL

Concrete\_short\_term\_Phase3\_el\_soletta (elastic)  
 $\frac{4}{E} = 0.3335E+11$  NU = 0.2000 RHO = 0.1000E-04 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 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	6	0	0	0	0	9	0	0
0	0	2	0	0	5	0	0	0	0	7	0	0
0	0	3	0	0	6	0	0	0	0	9	0	0
0	0	4	0	0	7	0	0	0	0	10	0	0
0	0	5	0	0	5	0	0	0	0	7	0	0
0	0	6	0	7	1	7	0	0	0	10	0	0
0	0	8	0	0	5	0	0	0	0	7	0	0
0	0	9	0	10	1	7	0	0	0	10	0	0
0	0	11	0	0	5	0	0	0	0	7	0	0
0	0	12	0	13	1	7	0	0	0	10	0	0
0	0	14	0	0	5	0	0	0	0	7	0	0
0	0	15	0	16	1	7	0	0	0	10	0	0
0	0	17	0	0	5	0	0	0	0	7	0	0
0	0	18	0	19	1	7	0	0	0	10	0	0
0	0	20	0	0	5	0	0	0	0	7	0	0
0	0	21	0	22	1	7	0	0	0	10	0	0
0	0	23	0	0	5	0	0	0	0	7	0	0
0	0	24	0	25	1	7	0	0	0	10	0	0
0	0	26	0	0	5	0	0	0	0	7	0	0
0	0	27	0	0	7	0	0	0	0	10	0	0
0	0	28	0	0	6	0	0	0	0	9	0	0
0	0	29	0	0	5	0	0	0	0	7	0	0
0	0	30	0	0	6	0	0	0	0	9	0	0
0	0	31	0	36	1	4	0	0	0	22	0	0
0	0	37	0	0	1	0	0	0	0	5	0	0
0	0	38	0	0	2	0	0	0	0	1	0	0
0	0	39	0	0	1	0	0	0	0	5	0	0
0	0	40	0	41	1	4	0	0	0	22	0	0
0	0	42	0	0	2	0	0	0	0	1	0	0
0	0	43	0	0	4	0	0	0	0	22	0	0
0	0	44	0	0	2	0	0	0	0	1	0	0
0	0	45	0	47	1	4	0	0	0	22	0	0
0	0	48	0	0	1	0	0	0	0	5	0	0
0	0	49	0	0	2	0	0	0	0	1	0	0

0	0	50	0	0	0	1	0	0	0	0	5	0	0
0	0	51	0	56	1	4	0	0	0	0	22	0	0
0	0	57	0	0	0	1	0	0	0	0	5	0	0
0	0	58	0	0	0	2	0	0	0	0	1	0	0
0	0	59	0	0	0	1	0	0	0	0	5	0	0
0	0	60	0	61	1	4	0	0	0	0	22	0	0
0	0	62	0	0	0	2	0	0	0	0	1	0	0
0	0	63	0	0	0	4	0	0	0	0	22	0	0
0	0	64	0	0	0	2	0	0	0	0	1	0	0
0	0	65	0	67	1	4	0	0	0	0	22	0	0
0	0	68	0	0	0	1	0	0	0	0	5	0	0
0	0	69	0	0	0	2	0	0	0	0	1	0	0
0	0	70	0	71	1	1	0	0	0	0	5	0	0
0	0	72	0	0	0	2	0	0	0	0	1	0	0
0	0	73	0	0	0	1	0	0	0	0	5	0	0
0	0	74	0	79	1	4	0	0	0	0	22	0	0
0	0	80	0	0	0	1	0	0	0	0	5	0	0
0	0	81	0	0	0	2	0	0	0	0	1	0	0
0	0	82	0	0	0	1	0	0	0	0	5	0	0
0	0	83	0	84	1	4	0	0	0	0	22	0	0
0	0	85	0	0	0	2	0	0	0	0	1	0	0
0	0	86	0	0	0	4	0	0	0	0	22	0	0
0	0	87	0	0	0	2	0	0	0	0	1	0	0
0	0	88	0	90	1	4	0	0	0	0	22	0	0
0	0	91	0	0	0	1	0	0	0	0	5	0	0
0	0	92	0	0	0	2	0	0	0	0	1	0	0
0	0	93	0	0	0	1	0	0	0	0	5	0	0
0	0	94	0	99	1	4	0	0	0	0	22	0	0
0	0	100	0	0	0	1	0	0	0	0	5	0	0
0	0	101	0	0	0	2	0	0	0	0	1	0	0
0	0	102	0	0	0	1	0	0	0	0	5	0	0
0	0	103	0	104	1	4	0	0	0	0	22	0	0
0	0	105	0	0	0	2	0	0	0	0	1	0	0
0	0	106	0	0	0	4	0	0	0	0	22	0	0
0	0	107	0	0	0	2	0	0	0	0	1	0	0
0	0	108	0	110	1	4	0	0	0	0	22	0	0
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0	0	1375	1376	1	4	0	0	0	0	0	22	0	0
0	0	1377	0	0	0	2	0	0	0	0	1	0	0
0	0	1378	0	0	0	4	0	0	0	0	22	0	0
0	0	1379	0	0	0	2	0	0	0	0	1	0	0
0	0	1380	1382	1	4	0	0	0	0	0	22	0	0
0	0	1383	0	0	0	1	0	0	0	0	5	0	0
0	0	1384	0	0	0	2	0	0	0	0	1	0	0
0	0	1385	1386	1	1	0	0	0	0	0	5	0	0
0	0	1387	0	0	0	2	0	0	0	0	1	0	0
0	0	1388	0	0	0	1	0	0	0	0	5	0	0
0	0	1389	1394	1	4	0	0	0	0	0	22	0	0
0	0	1395	0	0	0	1	0	0	0	0	5	0	0
0	0	1396	0	0	0	2	0	0	0	0	1	0	0
0	0	1397	0	0	0	1	0	0	0	0	5	0	0
0	0	1398	1399	1	4	0	0	0	0	0	22	0	0
0	0	1400	0	0	0	2	0	0	0	0	1	0	0
0	0	1401	0	0	0	4	0	0	0	0	22	0	0
0	0	1402	0	0	0	2	0	0	0	0	1	0	0
0	0	1403	1405	1	4	0	0	0	0	0	22	0	0
0	0	1406	0	0	0	1	0	0	0	0	5	0	0
0	0	1407	0	0	0	2	0	0	0	0	1	0	0
0	0	1408	0	0	0	1	0	0	0	0	5	0	0
0	0	1409	1414	1	4	0	0	0	0	0	22	0	0
0	0	1415	0	0	0	1	0	0	0	0	5	0	0
0	0	1416	0	0	0	2	0	0	0	0	1	0	0
0	0	1417	0	0	0	1	0	0	0	0	5	0	0
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0	0	1471	0	0	0	1	0	0	0	0	5	0	0
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0	0	1495	0	1500	1	4	0	0	0	0	22	0	0
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0	0	1503	0	1504	1	1	0	0	0	0	5	0	0
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0	0	1506	0	0	0	1	0	0	0	0	5	0	0
0	0	1507	0	1508	1	4	0	0	0	0	22	0	0
0	0	1509	0	0	0	2	0	0	0	0	1	0	0
0	0	1510	0	0	0	4	0	0	0	0	22	0	0
0	0	1511	0	0	0	2	0	0	0	0	1	0	0
0	0	1512	0	1514	1	4	0	0	0	0	22	0	0



0	0	1515	0	0	0	1	0	0	0	0	5	0	0
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0	0	1517	0	0	0	1	0	0	0	0	5	0	0
0	0	1518	0	1523	1	4	0	0	0	0	22	0	0
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0	0	1525	0	0	0	2	0	0	0	0	1	0	0
0	0	1526	0	0	0	1	0	0	0	0	5	0	0
0	0	1527	0	1528	1	4	0	0	0	0	22	0	0
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0	0	1530	0	0	0	4	0	0	0	0	22	0	0
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0	0	1532	0	1534	1	4	0	0	0	0	22	0	0
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0	0	1537	0	0	0	1	0	0	0	0	5	0	0
0	0	1538	0	1543	1	4	0	0	0	0	22	0	0
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0	0	1548	0	0	0	2	0	0	0	0	1	0	0
0	0	1549	0	0	0	1	0	0	0	0	5	0	0
0	0	1550	0	1551	1	4	0	0	0	0	22	0	0
0	0	1552	0	0	0	2	0	0	0	0	1	0	0
0	0	1553	0	0	0	4	0	0	0	0	22	0	0
0	0	1554	0	0	0	2	0	0	0	0	1	0	0
0	0	1555	0	1557	1	4	0	0	0	0	22	0	0
0	0	1558	0	0	0	1	0	0	0	0	5	0	0
0	0	1559	0	0	0	2	0	0	0	0	1	0	0
0	0	1560	0	0	0	1	0	0	0	0	5	0	0
0	0	1561	0	1566	1	4	0	0	0	0	22	0	0
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0	0	1570	0	1571	1	4	0	0	0	0	22	0	0
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0	0	1638	1640	1	4	0	0	0	0	22	0	0
0	0	1641	0	0	1	0	0	0	0	5	0	0
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0	0	1643	1644	1	1	0	0	0	0	5	0	0
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0	0	1647	1652	1	4	0	0	0	0	22	0	0
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0	0	1655	1656	1	1	0	0	0	0	5	0	0
0	0	1657	0	0	2	0	0	0	0	1	0	0
0	0	1658	1659	1	1	0	0	0	0	5	0	0
0	0	1660	0	0	2	0	0	0	0	1	0	0
0	0	1661	0	0	1	0	0	0	0	5	0	0
0	0	1662	1663	1	4	0	0	0	0	22	0	0
0	0	1664	0	0	2	0	0	0	0	1	0	0
0	0	1665	0	0	4	0	0	0	0	22	0	0
0	0	1666	0	0	2	0	0	0	0	1	0	0
0	0	1667	1669	1	4	0	0	0	0	22	0	0
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0	0	1671	0	0	2	0	0	0	0	1	0	0
0	0	1672	0	0	1	0	0	0	0	5	0	0
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0	0	1682	1683	1	4	0	0	0	0	22	0	0
0	0	1684	0	0	2	0	0	0	0	1	0	0
0	0	1685	0	0	4	0	0	0	0	22	0	0

0	0	1686	0	0	0	2	0	0	0	0	1	0	0
0	0	1687	0	1689	1	4	0	0	0	0	22	0	0
0	0	1690	0	0	0	1	0	0	0	0	5	0	0
0	0	1691	0	0	0	2	0	0	0	0	1	0	0
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0	0	1693	0	1698	1	4	0	0	0	0	22	0	0
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0	0	1707	0	1709	1	4	0	0	0	0	22	0	0
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0	0	1725	0	1726	1	4	0	0	0	0	22	0	0
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0	0	1728	0	0	0	4	0	0	0	0	22	0	0
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0	0	1730	0	1732	1	4	0	0	0	0	22	0	0
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0	0	1754	0	0	0	2	0	0	0	0	1	0	0
0	0	1755	0	1756	1	1	0	0	0	0	5	0	0
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0	0	1759	0	1764	1	4	0	0	0	0	22	0	0
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0	0	1767	0	0	0	1	0	0	0	0	5	0	0
0	0	1768	0	1769	1	4	0	0	0	0	22	0	0
0	0	1770	0	0	0	2	0	0	0	0	1	0	0
0	0	1771	0	0	0	4	0	0	0	0	22	0	0



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
2	0	0	W	1.00000
10193	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS =            2

EQUATION            1            CONSTANT =    0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2	0	0	THX	1.00000
10193	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
2	0	0	THY	1.00000
10193	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
2	0	0	THZ	1.00000
10193	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
10193	0	0	W	-1.00000
10194	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS =            2

EQUATION            1            CONSTANT =    0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10193	0	0	THX	-1.00000
10194	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
10193	0	0	THY	-1.00000
10194	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
10193	0	0	THZ	-1.00000
10194	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
2	0	0	U	0.666667
10193	0	0	U	-0.666667
10193	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS =            3

EQUATION            1            CONSTANT =    0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2	0	0	V	0.666667
10193	0	0	V	-0.666667
10193	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS =            3

EQUATION            1            CONSTANT =    0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10193	0	0	U	-1.00000
10193	0	0	THY	-1.00000

10194 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10193 0 0 V -1.00000  
10193 0 0 THX 1.00000  
10194 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  
5 0 0 W 1.00000  
10209 0 0 W -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
5 0 0 THX 1.00000  
10209 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  
5 0 0 THY 1.00000  
10209 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  
5 0 0 THZ 1.00000  
10209 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  
10209 0 0 W -1.00000  
10210 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10209 0 0 THX -1.00000  
10210 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  
10209 0 0 THY -1.00000  
10210 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  
10209 0 0 THZ -1.00000  
10210 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  
5 0 0 U 0.666667  
10209 0 0 U -0.666667  
10209 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
5 0 0 V 0.666667  
10209 0 0 V -0.666667  
10209 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10209	0	0	U	-1.00000
10209	0	0	THY	-1.00000
10210	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10209	0	0	V	-1.00000
10209	0	0	THX	1.00000
10210	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	W	-1.00000
10229	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	THX	-1.00000
10229	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
10228	0	0	THY	-1.00000
10229	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
10228	0	0	THZ	-1.00000
10229	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
10228	0	0	U	-1.00000
10228	0	0	THY	-1.00000
10229	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	V	-1.00000
10228	0	0	THX	1.00000
10229	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
10240	0	0	W	-1.00000
10241	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10240	0	0	THX	-1.00000
10241	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
10240	0	0	THY	-1.00000
10241	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
10240	0	0	THZ	-1.00000
10241	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
10240	0	0	U	-1.00000
10240	0	0	THY	-1.00000
10241	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10240	0	0	V	-1.00000
10240	0	0	THX	1.00000
10241	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
10265	0	0	W	-1.00000
10266	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10265	0	0	THX	-1.00000
10266	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
10265	0	0	THY	-1.00000
10266	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
10265	0	0	THZ	-1.00000
10266	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
10265	0	0	U	-1.00000
10265	0	0	THY	-1.00000
10266	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10265	0	0	V	-1.00000
10265	0	0	THX	1.00000
10266	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	W	-1.00000
10278	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THX	-1.00000
10278	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
10277	0	0	THY	-1.00000
10278	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10277	0	0	THZ	-1.00000
10278	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10277	0	0	U	-1.00000
10277	0	0	THY	-1.00000
10278	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 9 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10277	0	0	V	-1.00000
10277	0	0	THX	1.00000
10278	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 10 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10296	0	0	W	-1.00000
10297	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10296	0	0	THX	-1.00000
10297	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10296	0	0	THY	-1.00000
10297	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10296	0	0	THZ	-1.00000
10297	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10296	0	0	U	-1.00000
10296	0	0	THY	-1.00000
10297	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 10 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10296	0	0	V	-1.00000
10296	0	0	THX	1.00000
10297	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 12 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10308	0	0	W	-1.00000
10309	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10308	0	0	THX	-1.00000

10309 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10308 0 0 THY -1.00000  
10309 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10308 0 0 THZ -1.00000  
10309 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10308 0 0 U -1.00000  
10308 0 0 THY -1.00000  
10309 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 12 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10308 0 0 V -1.00000  
10308 0 0 THX 1.00000  
10309 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 13 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10333 0 0 W -1.00000  
10334 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10333 0 0 THX -1.00000  
10334 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10333 0 0 THY -1.00000  
10334 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10333 0 0 THZ -1.00000  
10334 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10333 0 0 U -1.00000  
10333 0 0 THY -1.00000  
10334 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 13 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10333 0 0 V -1.00000  
10333 0 0 THX 1.00000  
10334 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 W -1.00000  
10346 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	THX	-1.00000
10346	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	THY	-1.00000
10346	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	THZ	-1.00000
10346	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	U	-1.00000
10345	0	0	THY	-1.00000
10346	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 15 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10345	0	0	V	-1.00000
10345	0	0	THX	1.00000
10346	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	W	-1.00000
10365	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THX	-1.00000
10365	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THY	-1.00000
10365	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THZ	-1.00000
10365	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	U	-1.00000
10364	0	0	THY	-1.00000
10365	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	V	-1.00000
10364	0	0	THX	1.00000
10365	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	W	-1.00000
10377	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THX	-1.00000
10377	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THY	-1.00000
10377	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THZ	-1.00000
10377	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	U	-1.00000
10376	0	0	THY	-1.00000
10377	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	V	-1.00000
10376	0	0	THX	1.00000
10377	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	W	-1.00000
10402	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THX	-1.00000
10402	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THY	-1.00000
10402	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THZ	-1.00000
10402	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	U	-1.00000
10401	0	0	THY	-1.00000
10402	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 19 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
10401	0	0	V	-1.00000
10401	0	0	THX	1.00000
10402	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	W	-1.00000
10414	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THX	-1.00000
10414	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THY	-1.00000
10414	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THZ	-1.00000
10414	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	U	-1.00000
10413	0	0	THY	-1.00000
10414	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	V	-1.00000
10413	0	0	THX	1.00000
10414	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	W	1.00000
10434	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THX	1.00000
10434	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THY	1.00000
10434	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THZ	1.00000
10434	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	W	-1.00000
10435	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THX	-1.00000
10435	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THY	-1.00000
10435	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THZ	-1.00000
10435	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	U	0.666667
10434	0	0	U	-0.666667
10434	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	V	0.666667
10434	0	0	V	-0.666667
10434	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	U	-1.00000
10434	0	0	THY	-1.00000
10435	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	V	-1.00000
10434	0	0	THX	1.00000
10435	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	W	1.00000
10450	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	THX	1.00000
10450	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	THY	1.00000
10450	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	THZ	1.00000
10450	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	W	-1.00000
10451	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	THX	-1.00000
10451	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	THY	-1.00000
10451	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	THZ	-1.00000
10451	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	U	0.666667
10450	0	0	U	-0.666667
10450	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	V	0.666667
10450	0	0	V	-0.666667
10450	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	U	-1.00000
10450	0	0	THY	-1.00000
10451	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	V	-1.00000
10450	0	0	THX	1.00000
10451	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	W	-1.00000
302	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THX	-1.00000
302	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THY	-1.00000
302	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THZ	-1.00000
302	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	U	-1.00000
301	0	0	THY	-1.00000
302	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	V	-1.00000
301	0	0	THX	1.00000
302	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	W	-1.00000
314	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THX	-1.00000
314	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THY	-1.00000
314	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THZ	-1.00000
314	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	U	-1.00000
313	0	0	THY	-1.00000
314	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	V	-1.00000
313	0	0	THX	1.00000
314	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	W	-1.00000
339	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THX	-1.00000
339	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
338	0	0	THY	-1.00000
339	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THZ	-1.00000
339	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	U	-1.00000
338	0	0	THY	-1.00000
339	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	V	-1.00000
338	0	0	THX	1.00000
339	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	W	-1.00000
351	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THX	-1.00000
351	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THY	-1.00000
351	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THZ	-1.00000
351	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	U	-1.00000
350	0	0	THY	-1.00000
351	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	V	-1.00000
350	0	0	THX	1.00000
351	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	W	-1.00000
370	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THX	-1.00000

370 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
369 0 0 THY -1.00000  
370 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
369 0 0 THZ -1.00000  
370 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
369 0 0 U -1.00000  
369 0 0 THY -1.00000  
370 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 31 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
369 0 0 V -1.00000  
369 0 0 THX 1.00000  
370 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 33 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
381 0 0 W -1.00000  
382 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
381 0 0 THX -1.00000  
382 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
381 0 0 THY -1.00000  
382 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
381 0 0 THZ -1.00000  
382 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
381 0 0 U -1.00000  
381 0 0 THY -1.00000  
382 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 33 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
381 0 0 V -1.00000  
381 0 0 THX 1.00000  
382 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 34 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
406 0 0 W -1.00000  
407 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THX	-1.00000
407	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THY	-1.00000
407	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THZ	-1.00000
407	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	U	-1.00000
406	0	0	THY	-1.00000
407	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	V	-1.00000
406	0	0	THX	1.00000
407	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	W	-1.00000
419	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THX	-1.00000
419	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THY	-1.00000
419	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THZ	-1.00000
419	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	U	-1.00000
418	0	0	THY	-1.00000
419	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	V	-1.00000
418	0	0	THX	1.00000
419	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	W	-1.00000
438	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THX	-1.00000
438	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THY	-1.00000
438	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THZ	-1.00000
438	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	U	-1.00000
437	0	0	THY	-1.00000
438	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	V	-1.00000
437	0	0	THX	1.00000
438	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	W	-1.00000
450	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THX	-1.00000
450	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THY	-1.00000
450	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THZ	-1.00000
450	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	U	-1.00000
449	0	0	THY	-1.00000
450	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
449	0	0	V	-1.00000
449	0	0	THX	1.00000
450	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	W	-1.00000
469	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THX	-1.00000
469	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THY	-1.00000
469	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THZ	-1.00000
469	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	U	-1.00000
468	0	0	THY	-1.00000
469	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	V	-1.00000
468	0	0	THX	1.00000
469	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	W	-1.00000
481	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THX	-1.00000
481	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THY	-1.00000
481	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THZ	-1.00000
481	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	U	-1.00000
480	0	0	THY	-1.00000

481 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 42 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
480 0 0 V -1.00000  
480 0 0 THX 1.00000  
481 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 43 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
505 0 0 W -1.00000  
506 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
505 0 0 THX -1.00000  
506 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
505 0 0 THY -1.00000  
506 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
505 0 0 THZ -1.00000  
506 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
505 0 0 U -1.00000  
505 0 0 THY -1.00000  
506 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 43 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
505 0 0 V -1.00000  
505 0 0 THX 1.00000  
506 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 W -1.00000  
518 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 THX -1.00000  
518 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 THY -1.00000  
518 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
517 0 0 THZ -1.00000  
518 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	U	-1.00000
517	0	0	THY	-1.00000
518	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	V	-1.00000
517	0	0	THX	1.00000
518	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	W	-1.00000
537	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THX	-1.00000
537	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THY	-1.00000
537	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THZ	-1.00000
537	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	U	-1.00000
536	0	0	THY	-1.00000
537	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	V	-1.00000
536	0	0	THX	1.00000
537	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	W	-1.00000
549	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THX	-1.00000
549	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THY	-1.00000
549	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THZ	-1.00000
549	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	U	-1.00000
548	0	0	THY	-1.00000
549	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	V	-1.00000
548	0	0	THX	1.00000
549	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	W	-1.00000
574	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THX	-1.00000
574	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THY	-1.00000
574	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THZ	-1.00000
574	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	U	-1.00000
573	0	0	THY	-1.00000
574	0	0	U	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	V	-1.00000
573	0	0	THX	1.00000
574	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	W	-1.00000
586	0	0	W	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THX	-1.00000
586	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
585	0	0	THY	-1.00000
586	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
585	0	0	THZ	-1.00000
586	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
585	0	0	U	-1.00000
585	0	0	THY	-1.00000
586	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 51 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
585	0	0	V	-1.00000
585	0	0	THX	1.00000
586	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
14	0	0	W	1.00000
606	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
14	0	0	THX	1.00000
606	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
14	0	0	THY	1.00000
606	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
14	0	0	THZ	1.00000
606	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
606	0	0	W	-1.00000
607	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
606	0	0	THX	-1.00000
607	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
606	0	0	THY	-1.00000
607	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
606	0	0	THZ	-1.00000
607	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	U	0.666667
606	0	0	U	-0.666667
606	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	V	0.666667
606	0	0	V	-0.666667
606	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	U	-1.000000
606	0	0	THY	-1.000000
607	0	0	U	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	V	-1.000000
606	0	0	THX	1.000000
607	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	W	1.000000
622	0	0	W	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THX	1.000000
622	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THY	1.000000
622	0	0	THY	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THZ	1.000000
622	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	W	-1.000000
623	0	0	W	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THX	-1.000000
623	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THY	-1.000000
623	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THZ	-1.00000
623	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	U	0.666667
622	0	0	U	-0.666667
622	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	V	0.666667
622	0	0	V	-0.666667
622	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	U	-1.00000
622	0	0	THY	-1.00000
623	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	V	-1.00000
622	0	0	THX	1.00000
623	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	W	-1.00000
642	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THX	-1.00000
642	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THY	-1.00000
642	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THZ	-1.00000
642	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	U	-1.00000
641	0	0	THY	-1.00000
642	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	V	-1.00000
641	0	0	THX	1.00000
642	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	W	-1.00000
654	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THX	-1.00000
654	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THY	-1.00000
654	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THZ	-1.00000
654	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	U	-1.00000
653	0	0	THY	-1.00000
654	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	V	-1.00000
653	0	0	THX	1.00000
654	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	W	-1.00000
679	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THX	-1.00000
679	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THY	-1.00000
679	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THZ	-1.00000
679	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	U	-1.00000
678	0	0	THY	-1.00000
679	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 58 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
678	0	0	V	-1.00000
678	0	0	THX	1.00000
679	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	W	-1.00000
691	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THX	-1.00000
691	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THY	-1.00000
691	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THZ	-1.00000
691	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	U	-1.00000
690	0	0	THY	-1.00000
691	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	V	-1.00000
690	0	0	THX	1.00000
691	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	W	-1.00000
710	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THX	-1.00000
710	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THY	-1.00000
710	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THZ	-1.00000
710	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	U	-1.00000
709	0	0	THY	-1.00000

710 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 61 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
709 0 0 V -1.00000  
709 0 0 THX 1.00000  
710 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 63 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
721 0 0 W -1.00000  
722 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
721 0 0 THX -1.00000  
722 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
721 0 0 THY -1.00000  
722 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
721 0 0 THZ -1.00000  
722 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
721 0 0 U -1.00000  
721 0 0 THY -1.00000  
722 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 63 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
721 0 0 V -1.00000  
721 0 0 THX 1.00000  
722 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 64 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
746 0 0 W -1.00000  
747 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
746 0 0 THX -1.00000  
747 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
746 0 0 THY -1.00000  
747 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
746 0 0 THZ -1.00000  
747 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	U	-1.00000
746	0	0	THY	-1.00000
747	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	V	-1.00000
746	0	0	THX	1.00000
747	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	W	-1.00000
759	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THX	-1.00000
759	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THY	-1.00000
759	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THZ	-1.00000
759	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	U	-1.00000
758	0	0	THY	-1.00000
759	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	V	-1.00000
758	0	0	THX	1.00000
759	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	W	-1.00000
778	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THX	-1.00000
778	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THY	-1.00000
778	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THZ	-1.00000
778	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	U	-1.00000
777	0	0	THY	-1.00000
778	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	V	-1.00000
777	0	0	THX	1.00000
778	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	W	-1.00000
790	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THX	-1.00000
790	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THY	-1.00000
790	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THZ	-1.00000
790	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	U	-1.00000
789	0	0	THY	-1.00000
790	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	V	-1.00000
789	0	0	THX	1.00000
790	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	W	-1.00000
809	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THX	-1.00000
809	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
808	0	0	THY	-1.00000
809	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THZ	-1.00000
809	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	U	-1.00000
808	0	0	THY	-1.00000
809	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	V	-1.00000
808	0	0	THX	1.00000
809	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	W	-1.00000
821	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THX	-1.00000
821	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THY	-1.00000
821	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THZ	-1.00000
821	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	U	-1.00000
820	0	0	THY	-1.00000
821	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	V	-1.00000
820	0	0	THX	1.00000
821	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	W	-1.00000
846	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THX	-1.00000

846 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THY	-1.00000
846	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THZ	-1.00000
846	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	U	-1.00000
845	0	0	THY	-1.00000
846	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	V	-1.00000
845	0	0	THX	1.00000
846	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	W	-1.00000
858	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THX	-1.00000
858	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THY	-1.00000
858	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THZ	-1.00000
858	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	U	-1.00000
857	0	0	THY	-1.00000
858	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	V	-1.00000
857	0	0	THX	1.00000
858	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	W	-1.00000
877	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THX	-1.00000
877	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THY	-1.00000
877	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THZ	-1.00000
877	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	U	-1.00000
876	0	0	THY	-1.00000
877	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	V	-1.00000
876	0	0	THX	1.00000
877	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	W	-1.00000
889	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THX	-1.00000
889	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THY	-1.00000
889	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THZ	-1.00000
889	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	U	-1.00000
888	0	0	THY	-1.00000
889	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	V	-1.00000
888	0	0	THX	1.00000
889	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	W	-1.00000
914	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THX	-1.00000
914	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THY	-1.00000
914	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THZ	-1.00000
914	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	U	-1.00000
913	0	0	THY	-1.00000
914	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	V	-1.00000
913	0	0	THX	1.00000
914	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	W	-1.00000
926	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THX	-1.00000
926	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THY	-1.00000
926	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THZ	-1.00000
926	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	U	-1.00000
925	0	0	THY	-1.00000
926	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
925	0	0	V	-1.00000
925	0	0	THX	1.00000
926	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	W	1.00000
946	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THX	1.00000
946	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THY	1.00000
946	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THZ	1.00000
946	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	W	-1.00000
947	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THX	-1.00000
947	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THY	-1.00000
947	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THZ	-1.00000
947	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	U	0.666667
946	0	0	U	-0.666667
946	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	V	0.666667
946	0	0	V	-0.666667
946	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	U	-1.00000
946	0	0	THY	-1.00000

947 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	V	-1.00000
946	0	0	THX	1.00000
947	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	W	1.00000
962	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	THX	1.00000
962	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	THY	1.00000
962	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	THZ	1.00000
962	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	W	-1.00000
963	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	THX	-1.00000
963	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	THY	-1.00000
963	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	THZ	-1.00000
963	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	U	0.666667
962	0	0	U	-0.666667
962	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
23	0	0	V	0.666667
962	0	0	V	-0.666667
962	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	U	-1.00000
962	0	0	THY	-1.00000
963	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
962	0	0	V	-1.00000
962	0	0	THX	1.00000
963	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	W	-1.00000
982	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	THX	-1.00000
982	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	THY	-1.00000
982	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	THZ	-1.00000
982	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	U	-1.00000
981	0	0	THY	-1.00000
982	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	V	-1.00000
981	0	0	THX	1.00000
982	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	W	-1.00000
994	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THX	-1.00000
994	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THY	-1.00000
994	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THZ	-1.00000
994	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	U	-1.00000
993	0	0	THY	-1.00000
994	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	V	-1.00000
993	0	0	THX	1.00000
994	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	W	-1.00000
1019	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THX	-1.00000
1019	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THY	-1.00000
1019	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THZ	-1.00000
1019	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	U	-1.00000
1018	0	0	THY	-1.00000
1019	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	V	-1.00000
1018	0	0	THX	1.00000
1019	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	W	-1.00000
1031	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THX	-1.00000
1031	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
1030	0	0	THY	-1.00000
1031	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THZ	-1.00000
1031	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	U	-1.00000
1030	0	0	THY	-1.00000
1031	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	V	-1.00000
1030	0	0	THX	1.00000
1031	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	W	-1.00000
1050	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THX	-1.00000
1050	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THY	-1.00000
1050	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THZ	-1.00000
1050	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	U	-1.00000
1049	0	0	THY	-1.00000
1050	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	V	-1.00000
1049	0	0	THX	1.00000
1050	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	W	-1.00000
1062	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THX	-1.00000

1062 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1061 0 0 THY -1.00000  
1062 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1061 0 0 THZ -1.00000  
1062 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1061 0 0 U -1.00000  
1061 0 0 THY -1.00000  
1062 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 93 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1061 0 0 V -1.00000  
1061 0 0 THX 1.00000  
1062 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 94 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1086 0 0 W -1.00000  
1087 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1086 0 0 THX -1.00000  
1087 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1086 0 0 THY -1.00000  
1087 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1086 0 0 THZ -1.00000  
1087 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1086 0 0 U -1.00000  
1086 0 0 THY -1.00000  
1087 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 94 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1086 0 0 V -1.00000  
1086 0 0 THX 1.00000  
1087 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 96 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1098 0 0 W -1.00000  
1099 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THX	-1.00000
1099	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THY	-1.00000
1099	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THZ	-1.00000
1099	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	U	-1.00000
1098	0	0	THY	-1.00000
1099	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	V	-1.00000
1098	0	0	THX	1.00000
1099	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	W	-1.00000
1118	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THX	-1.00000
1118	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THY	-1.00000
1118	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THZ	-1.00000
1118	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	U	-1.00000
1117	0	0	THY	-1.00000
1118	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	V	-1.00000
1117	0	0	THX	1.00000
1118	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	W	-1.00000
1130	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THX	-1.00000
1130	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THY	-1.00000
1130	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THZ	-1.00000
1130	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	U	-1.00000
1129	0	0	THY	-1.00000
1130	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	V	-1.00000
1129	0	0	THX	1.00000
1130	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	W	-1.00000
1149	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THX	-1.00000
1149	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THY	-1.00000
1149	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THZ	-1.00000
1149	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	U	-1.00000
1148	0	0	THY	-1.00000
1149	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
1148	0	0	V	-1.00000
1148	0	0	THX	1.00000
1149	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	W	-1.00000
1161	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THX	-1.00000
1161	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THY	-1.00000
1161	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THZ	-1.00000
1161	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	U	-1.00000
1160	0	0	THY	-1.00000
1161	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	V	-1.00000
1160	0	0	THX	1.00000
1161	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	W	-1.00000
1186	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THX	-1.00000
1186	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THY	-1.00000
1186	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THZ	-1.00000
1186	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	U	-1.00000
1185	0	0	THY	-1.00000

1186 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 103 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1185 0 0 V -1.00000  
1185 0 0 THX 1.00000  
1186 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 105 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1197 0 0 W -1.00000  
1198 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1197 0 0 THX -1.00000  
1198 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1197 0 0 THY -1.00000  
1198 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1197 0 0 THZ -1.00000  
1198 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1197 0 0 U -1.00000  
1197 0 0 THY -1.00000  
1198 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 105 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1197 0 0 V -1.00000  
1197 0 0 THX 1.00000  
1198 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 W -1.00000  
1217 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 THX -1.00000  
1217 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 THY -1.00000  
1217 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 THZ -1.00000  
1217 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	U	-1.00000
1216	0	0	THY	-1.00000
1217	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	V	-1.00000
1216	0	0	THX	1.00000
1217	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	W	-1.00000
1229	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THX	-1.00000
1229	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THY	-1.00000
1229	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THZ	-1.00000
1229	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	U	-1.00000
1228	0	0	THY	-1.00000
1229	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	V	-1.00000
1228	0	0	THX	1.00000
1229	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	W	-1.00000
1254	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THX	-1.00000
1254	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THY	-1.00000
1254	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THZ	-1.00000
1254	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	U	-1.00000
1253	0	0	THY	-1.00000
1254	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	V	-1.00000
1253	0	0	THX	1.00000
1254	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	W	-1.00000
1266	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THX	-1.00000
1266	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THY	-1.00000
1266	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THZ	-1.00000
1266	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	U	-1.00000
1265	0	0	THY	-1.00000
1266	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	V	-1.00000
1265	0	0	THX	1.00000
1266	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	W	1.00000
1286	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THX	1.00000
1286	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
26	0	0	THY	1.00000
1286	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
26	0	0	THZ	1.00000
1286	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1286	0	0	W	-1.00000
1287	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1286	0	0	THX	-1.00000
1287	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1286	0	0	THY	-1.00000
1287	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1286	0	0	THZ	-1.00000
1287	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
26	0	0	U	0.666667
1286	0	0	U	-0.666667
1286	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
26	0	0	V	0.666667
1286	0	0	V	-0.666667
1286	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1286	0	0	U	-1.00000
1286	0	0	THY	-1.00000
1287	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1286	0	0	V	-1.00000
1286	0	0	THX	1.00000
1287	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
30	0	0	W	1.00000
1302	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
30	0	0	THX	1.00000

1302 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
30 0 0 THY 1.00000  
1302 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
30 0 0 THZ 1.00000  
1302 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 W -1.00000  
1303 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 THX -1.00000  
1303 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 THY -1.00000  
1303 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 THZ -1.00000  
1303 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
30 0 0 U 0.666667  
1302 0 0 U -0.666667  
1302 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
30 0 0 V 0.666667  
1302 0 0 V -0.666667  
1302 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 U -1.00000  
1302 0 0 THY -1.00000  
1303 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 V -1.00000  
1302 0 0 THX 1.00000  
1303 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 W -1.00000  
1322 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	THX	-1.00000
1322	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	THY	-1.00000
1322	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	THZ	-1.00000
1322	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	U	-1.00000
1321	0	0	THY	-1.00000
1322	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 115 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1321	0	0	V	-1.00000
1321	0	0	THX	1.00000
1322	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	W	-1.00000
1334	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THX	-1.00000
1334	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THY	-1.00000
1334	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THZ	-1.00000
1334	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	U	-1.00000
1333	0	0	THY	-1.00000
1334	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	V	-1.00000
1333	0	0	THX	1.00000
1334	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	W	-1.00000
1359	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THX	-1.00000
1359	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THY	-1.00000
1359	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THZ	-1.00000
1359	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	U	-1.00000
1358	0	0	THY	-1.00000
1359	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	V	-1.00000
1358	0	0	THX	1.00000
1359	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	W	-1.00000
1371	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THX	-1.00000
1371	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THY	-1.00000
1371	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THZ	-1.00000
1371	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	U	-1.00000
1370	0	0	THY	-1.00000
1371	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
1370	0	0	V	-1.00000
1370	0	0	THX	1.00000
1371	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	W	-1.00000
1390	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THX	-1.00000
1390	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THY	-1.00000
1390	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THZ	-1.00000
1390	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	U	-1.00000
1389	0	0	THY	-1.00000
1390	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	V	-1.00000
1389	0	0	THX	1.00000
1390	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	W	-1.00000
1402	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THX	-1.00000
1402	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THY	-1.00000
1402	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THZ	-1.00000
1402	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	U	-1.00000
1401	0	0	THY	-1.00000

1402 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	V	-1.00000
1401	0	0	THX	1.00000
1402	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	W	-1.00000
1427	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THX	-1.00000
1427	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THY	-1.00000
1427	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THZ	-1.00000
1427	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	U	-1.00000
1426	0	0	THY	-1.00000
1427	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	V	-1.00000
1426	0	0	THX	1.00000
1427	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	W	-1.00000
1439	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	THX	-1.00000
1439	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	THY	-1.00000
1439	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	THZ	-1.00000
1439	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	U	-1.00000
1438	0	0	THY	-1.00000
1439	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	V	-1.00000
1438	0	0	THX	1.00000
1439	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	W	-1.00000
1458	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THX	-1.00000
1458	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THY	-1.00000
1458	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THZ	-1.00000
1458	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	U	-1.00000
1457	0	0	THY	-1.00000
1458	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	V	-1.00000
1457	0	0	THX	1.00000
1458	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	W	-1.00000
1470	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THX	-1.00000
1470	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THY	-1.00000
1470	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THZ	-1.00000
1470	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	U	-1.00000
1469	0	0	THY	-1.00000
1470	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	V	-1.00000
1469	0	0	THX	1.00000
1470	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	W	-1.00000
1489	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THX	-1.00000
1489	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THY	-1.00000
1489	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THZ	-1.00000
1489	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	U	-1.00000
1488	0	0	THY	-1.00000
1489	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	V	-1.00000
1488	0	0	THX	1.00000
1489	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	W	-1.00000
1501	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THX	-1.00000
1501	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
1500	0	0	THY	-1.00000
1501	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THZ	-1.00000
1501	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	U	-1.00000
1500	0	0	THY	-1.00000
1501	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	V	-1.00000
1500	0	0	THX	1.00000
1501	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	W	-1.00000
1526	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THX	-1.00000
1526	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THY	-1.00000
1526	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THZ	-1.00000
1526	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	U	-1.00000
1525	0	0	THY	-1.00000
1526	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	V	-1.00000
1525	0	0	THX	1.00000
1526	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	W	-1.00000
1538	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THX	-1.00000

1538 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THY	-1.00000
1538	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THZ	-1.00000
1538	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	U	-1.00000
1537	0	0	THY	-1.00000
1538	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	V	-1.00000
1537	0	0	THX	1.00000
1538	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	W	-1.00000
1557	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	THX	-1.00000
1557	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	THY	-1.00000
1557	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	THZ	-1.00000
1557	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	U	-1.00000
1556	0	0	THY	-1.00000
1557	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	V	-1.00000
1556	0	0	THX	1.00000
1557	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	W	-1.00000
1569	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	THX	-1.00000
1569	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	THY	-1.00000
1569	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	THZ	-1.00000
1569	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	U	-1.00000
1568	0	0	THY	-1.00000
1569	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 138 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1568	0	0	V	-1.00000
1568	0	0	THX	1.00000
1569	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	W	-1.00000
1594	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THX	-1.00000
1594	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THY	-1.00000
1594	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THZ	-1.00000
1594	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	U	-1.00000
1593	0	0	THY	-1.00000
1594	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	V	-1.00000
1593	0	0	THX	1.00000
1594	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	W	-1.00000
1606	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THX	-1.00000
1606	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THY	-1.00000
1606	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THZ	-1.00000
1606	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	U	-1.00000
1605	0	0	THY	-1.00000
1606	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	V	-1.00000
1605	0	0	THX	1.00000
1606	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	W	1.00000
1626	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THX	1.00000
1626	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THY	1.00000
1626	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THZ	1.00000
1626	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	W	-1.00000
1627	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1626 0 0 THX -1.00000  
1627 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1626 0 0 THY -1.00000  
1627 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1626 0 0 THZ -1.00000  
1627 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
32 0 0 U 0.666667  
1626 0 0 U -0.666667  
1626 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
32 0 0 V 0.666667  
1626 0 0 V -0.666667  
1626 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1626 0 0 U -1.00000  
1626 0 0 THY -1.00000  
1627 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1626 0 0 V -1.00000  
1626 0 0 THX 1.00000  
1627 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
35 0 0 W 1.00000  
1642 0 0 W -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
35 0 0 THX 1.00000  
1642 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
35 0 0 THY 1.00000  
1642 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
35 0 0 THZ 1.00000  
1642 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1642 0 0 W -1.00000  
1643 0 0 W 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THX	-1.00000
1643	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THY	-1.00000
1643	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THZ	-1.00000
1643	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	U	0.666667
1642	0	0	U	-0.666667
1642	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	V	0.666667
1642	0	0	V	-0.666667
1642	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	U	-1.00000
1642	0	0	THY	-1.00000
1643	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	V	-1.00000
1642	0	0	THX	1.00000
1643	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	W	-1.00000
1662	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	THX	-1.00000
1662	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	THY	-1.00000
1662	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	THZ	-1.00000
1662	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	U	-1.00000
1661	0	0	THY	-1.00000
1662	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	V	-1.00000
1661	0	0	THX	1.00000
1662	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	W	-1.00000
1674	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THX	-1.00000
1674	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THY	-1.00000
1674	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THZ	-1.00000
1674	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	U	-1.00000
1673	0	0	THY	-1.00000
1674	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	V	-1.00000
1673	0	0	THX	1.00000
1674	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	W	-1.00000
1699	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THX	-1.00000
1699	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THY	-1.00000
1699	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THZ	-1.00000
1699	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	U	-1.00000
1698	0	0	THY	-1.00000
1699	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	V	-1.00000
1698	0	0	THX	1.00000
1699	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	W	-1.00000
1711	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THX	-1.00000
1711	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THY	-1.00000
1711	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THZ	-1.00000
1711	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	U	-1.00000
1710	0	0	THY	-1.00000
1711	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	V	-1.00000
1710	0	0	THX	1.00000
1711	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	W	-1.00000
1730	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THX	-1.00000
1730	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
1729	0	0	THY	-1.00000
1730	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THZ	-1.00000
1730	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	U	-1.00000
1729	0	0	THY	-1.00000
1730	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	V	-1.00000
1729	0	0	THX	1.00000
1730	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	W	-1.00000
1742	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THX	-1.00000
1742	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THY	-1.00000
1742	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THZ	-1.00000
1742	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	U	-1.00000
1741	0	0	THY	-1.00000
1742	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	V	-1.00000
1741	0	0	THX	1.00000
1742	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	W	-1.00000
1767	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THX	-1.00000

1767 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1766 0 0 THY -1.00000  
1767 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1766 0 0 THZ -1.00000  
1767 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1766 0 0 U -1.00000  
1766 0 0 THY -1.00000  
1767 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 154 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1766 0 0 V -1.00000  
1766 0 0 THX 1.00000  
1767 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 W -1.00000  
1779 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 THX -1.00000  
1779 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 THY -1.00000  
1779 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 THZ -1.00000  
1779 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 U -1.00000  
1778 0 0 THY -1.00000  
1779 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 V -1.00000  
1778 0 0 THX 1.00000  
1779 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 W -1.00000  
1798 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	THX	-1.00000
1798	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	THY	-1.00000
1798	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	THZ	-1.00000
1798	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	U	-1.00000
1797	0	0	THY	-1.00000
1798	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 157 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1797	0	0	V	-1.00000
1797	0	0	THX	1.00000
1798	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	W	-1.00000
1810	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THX	-1.00000
1810	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THY	-1.00000
1810	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THZ	-1.00000
1810	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	U	-1.00000
1809	0	0	THY	-1.00000
1810	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	V	-1.00000
1809	0	0	THX	1.00000
1810	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	W	-1.00000
1829	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THX	-1.00000
1829	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THY	-1.00000
1829	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THZ	-1.00000
1829	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	U	-1.00000
1828	0	0	THY	-1.00000
1829	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	V	-1.00000
1828	0	0	THX	1.00000
1829	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	W	-1.00000
1841	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THX	-1.00000
1841	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THY	-1.00000
1841	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THZ	-1.00000
1841	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	U	-1.00000
1840	0	0	THY	-1.00000
1841	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
1840	0	0	V	-1.00000
1840	0	0	THX	1.00000
1841	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	W	-1.00000
1866	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THX	-1.00000
1866	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THY	-1.00000
1866	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THZ	-1.00000
1866	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	U	-1.00000
1865	0	0	THY	-1.00000
1866	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	V	-1.00000
1865	0	0	THX	1.00000
1866	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	W	-1.00000
1878	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THX	-1.00000
1878	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THY	-1.00000
1878	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THZ	-1.00000
1878	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	U	-1.00000
1877	0	0	THY	-1.00000

1878 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	V	-1.00000
1877	0	0	THX	1.00000
1878	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	W	-1.00000
1897	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THX	-1.00000
1897	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THY	-1.00000
1897	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THZ	-1.00000
1897	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	U	-1.00000
1896	0	0	THY	-1.00000
1897	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	V	-1.00000
1896	0	0	THX	1.00000
1897	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	W	-1.00000
1909	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THX	-1.00000
1909	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THY	-1.00000
1909	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THZ	-1.00000
1909	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	U	-1.00000
1908	0	0	THY	-1.00000
1909	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	V	-1.00000
1908	0	0	THX	1.00000
1909	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	W	-1.00000
1934	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THX	-1.00000
1934	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THY	-1.00000
1934	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THZ	-1.00000
1934	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	U	-1.00000
1933	0	0	THY	-1.00000
1934	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	V	-1.00000
1933	0	0	THX	1.00000
1934	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	W	-1.00000
1946	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THX	-1.00000
1946	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THY	-1.00000
1946	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THZ	-1.00000
1946	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	U	-1.00000
1945	0	0	THY	-1.00000
1946	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	V	-1.00000
1945	0	0	THX	1.00000
1946	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	W	1.00000
1966	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THX	1.00000
1966	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THY	1.00000
1966	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THZ	1.00000
1966	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	W	-1.00000
1967	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THX	-1.00000
1967	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THY	-1.00000
1967	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THZ	-1.00000
1967	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	U	0.666667



1966 0 0 U -0.666667  
1966 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	V	0.666667
1966	0	0	V	-0.666667
1966	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	U	-1.00000
1966	0	0	THY	-1.00000
1967	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	V	-1.00000
1966	0	0	THX	1.00000
1967	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	W	1.00000
1982	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THX	1.00000
1982	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THY	1.00000
1982	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THZ	1.00000
1982	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	W	-1.00000
1983	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THX	-1.00000
1983	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THY	-1.00000
1983	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THZ	-1.00000
1983	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	U	0.666667
1982	0	0	U	-0.666667
1982	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	V	0.666667
1982	0	0	V	-0.666667
1982	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	U	-1.000000
1982	0	0	THY	-1.000000
1983	0	0	U	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	V	-1.000000
1982	0	0	THX	1.000000
1983	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	W	-1.000000
2002	0	0	W	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THX	-1.000000
2002	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THY	-1.000000
2002	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THZ	-1.000000
2002	0	0	THZ	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	U	-1.000000
2001	0	0	THY	-1.000000
2002	0	0	U	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	V	-1.000000
2001	0	0	THX	1.000000
2002	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	W	-1.000000
2014	0	0	W	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THX	-1.00000
2014	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THY	-1.00000
2014	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THZ	-1.00000
2014	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	U	-1.00000
2013	0	0	THY	-1.00000
2014	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	V	-1.00000
2013	0	0	THX	1.00000
2014	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	W	-1.00000
2039	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THX	-1.00000
2039	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THY	-1.00000
2039	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THZ	-1.00000
2039	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	U	-1.00000
2038	0	0	THY	-1.00000
2039	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	V	-1.00000
2038	0	0	THX	1.00000
2039	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	W	-1.00000
2051	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THX	-1.00000
2051	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THY	-1.00000
2051	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THZ	-1.00000
2051	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	U	-1.00000
2050	0	0	THY	-1.00000
2051	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	V	-1.00000
2050	0	0	THX	1.00000
2051	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	W	-1.00000
2070	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THX	-1.00000
2070	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THY	-1.00000
2070	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THZ	-1.00000
2070	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	U	-1.00000
2069	0	0	THY	-1.00000
2070	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2069	0	0	V	-1.00000
2069	0	0	THX	1.00000
2070	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	W	-1.00000
2082	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THX	-1.00000
2082	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THY	-1.00000
2082	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THZ	-1.00000
2082	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	U	-1.00000
2081	0	0	THY	-1.00000
2082	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	V	-1.00000
2081	0	0	THX	1.00000
2082	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	W	-1.00000
2107	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THX	-1.00000
2107	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THY	-1.00000
2107	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THZ	-1.00000
2107	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	U	-1.00000
2106	0	0	THY	-1.00000

2107 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	V	-1.00000
2106	0	0	THX	1.00000
2107	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	W	-1.00000
2119	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THX	-1.00000
2119	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THY	-1.00000
2119	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THZ	-1.00000
2119	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	U	-1.00000
2118	0	0	THY	-1.00000
2119	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	V	-1.00000
2118	0	0	THX	1.00000
2119	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	W	-1.00000
2138	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THX	-1.00000
2138	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THY	-1.00000
2138	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THZ	-1.00000
2138	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	U	-1.00000
2137	0	0	THY	-1.00000
2138	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	V	-1.00000
2137	0	0	THX	1.00000
2138	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	W	-1.00000
2150	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THX	-1.00000
2150	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THY	-1.00000
2150	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THZ	-1.00000
2150	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	U	-1.00000
2149	0	0	THY	-1.00000
2150	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	V	-1.00000
2149	0	0	THX	1.00000
2150	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	W	-1.00000
2169	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THX	-1.00000
2169	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THY	-1.00000
2169	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THZ	-1.00000
2169	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	U	-1.00000
2168	0	0	THY	-1.00000
2169	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	V	-1.00000
2168	0	0	THX	1.00000
2169	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	W	-1.00000
2181	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THX	-1.00000
2181	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THY	-1.00000
2181	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THZ	-1.00000
2181	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	U	-1.00000
2180	0	0	THY	-1.00000
2181	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	V	-1.00000
2180	0	0	THX	1.00000
2181	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	W	-1.00000
2206	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THX	-1.00000
2206	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2205	0	0	THY	-1.00000
2206	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2205	0	0	THZ	-1.00000
2206	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2205	0	0	U	-1.00000
2205	0	0	THY	-1.00000
2206	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 193 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2205	0	0	V	-1.00000
2205	0	0	THX	1.00000
2206	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 195 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2217	0	0	W	-1.00000
2218	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2217	0	0	THX	-1.00000
2218	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2217	0	0	THY	-1.00000
2218	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2217	0	0	THZ	-1.00000
2218	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2217	0	0	U	-1.00000
2217	0	0	THY	-1.00000
2218	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 195 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2217	0	0	V	-1.00000
2217	0	0	THX	1.00000
2218	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 196 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2236	0	0	W	-1.00000
2237	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2236	0	0	THX	-1.00000

2237 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 THY -1.00000  
2237 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 THZ -1.00000  
2237 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 U -1.00000  
2236 0 0 THY -1.00000  
2237 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 196 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2236 0 0 V -1.00000  
2236 0 0 THX 1.00000  
2237 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 W -1.00000  
2249 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 THX -1.00000  
2249 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 THY -1.00000  
2249 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 THZ -1.00000  
2249 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 U -1.00000  
2248 0 0 THY -1.00000  
2249 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 V -1.00000  
2248 0 0 THX 1.00000  
2249 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 W -1.00000  
2274 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	THX	-1.00000
2274	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	THY	-1.00000
2274	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	THZ	-1.00000
2274	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	U	-1.00000
2273	0	0	THY	-1.00000
2274	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 199 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2273	0	0	V	-1.00000
2273	0	0	THX	1.00000
2274	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	W	-1.00000
2286	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THX	-1.00000
2286	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THY	-1.00000
2286	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THZ	-1.00000
2286	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	U	-1.00000
2285	0	0	THY	-1.00000
2286	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	V	-1.00000
2285	0	0	THX	1.00000
2286	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	W	1.00000
2306	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THX	1.00000
2306	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THY	1.00000
2306	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THZ	1.00000
2306	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	W	-1.00000
2307	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THX	-1.00000
2307	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THY	-1.00000
2307	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THZ	-1.00000
2307	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	U	0.666667
2306	0	0	U	-0.666667
2306	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	V	0.666667
2306	0	0	V	-0.666667
2306	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	U	-1.00000
2306	0	0	THY	-1.00000
2307	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2306	0	0	V	-1.00000
2306	0	0	THX	1.00000
2307	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	W	1.00000
2322	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THX	1.00000
2322	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THY	1.00000
2322	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THZ	1.00000
2322	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	W	-1.00000
2323	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THX	-1.00000
2323	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THY	-1.00000
2323	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THZ	-1.00000
2323	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	U	0.666667
2322	0	0	U	-0.666667
2322	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	V	0.666667
2322	0	0	V	-0.666667
2322	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	U	-1.00000
2322	0	0	THY	-1.00000

2323 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2322 0 0 V -1.00000  
2322 0 0 THX 1.00000  
2323 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 205 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2341 0 0 W -1.00000  
2342 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2341 0 0 THX -1.00000  
2342 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2341 0 0 THY -1.00000  
2342 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2341 0 0 THZ -1.00000  
2342 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2341 0 0 U -1.00000  
2341 0 0 THY -1.00000  
2342 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 205 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2341 0 0 V -1.00000  
2341 0 0 THX 1.00000  
2342 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 W -1.00000  
2354 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 THX -1.00000  
2354 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 THY -1.00000  
2354 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2353 0 0 THZ -1.00000  
2354 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	U	-1.00000
2353	0	0	THY	-1.00000
2354	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	V	-1.00000
2353	0	0	THX	1.00000
2354	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	W	-1.00000
2385	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THX	-1.00000
2385	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THY	-1.00000
2385	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THZ	-1.00000
2385	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	U	-1.00000
2384	0	0	THY	-1.00000
2385	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	V	-1.00000
2384	0	0	THX	1.00000
2385	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	W	-1.00000
2397	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THX	-1.00000
2397	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THY	-1.00000
2397	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THZ	-1.00000
2397	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	U	-1.00000
2396	0	0	THY	-1.00000
2397	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	V	-1.00000
2396	0	0	THX	1.00000
2397	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	W	-1.00000
2416	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THX	-1.00000
2416	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THY	-1.00000
2416	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THZ	-1.00000
2416	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	U	-1.00000
2415	0	0	THY	-1.00000
2416	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	V	-1.00000
2415	0	0	THX	1.00000
2416	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	W	-1.00000
2428	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THX	-1.00000
2428	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2427	0	0	THY	-1.00000
2428	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2427	0	0	THZ	-1.00000
2428	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2427	0	0	U	-1.00000
2427	0	0	THY	-1.00000
2428	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 213 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2427	0	0	V	-1.00000
2427	0	0	THX	1.00000
2428	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 214 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2452	0	0	W	-1.00000
2453	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2452	0	0	THX	-1.00000
2453	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2452	0	0	THY	-1.00000
2453	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2452	0	0	THZ	-1.00000
2453	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2452	0	0	U	-1.00000
2452	0	0	THY	-1.00000
2453	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 214 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2452	0	0	V	-1.00000
2452	0	0	THX	1.00000
2453	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 216 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2464	0	0	W	-1.00000
2465	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2464	0	0	THX	-1.00000

2465 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2464 0 0 THY -1.00000  
2465 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2464 0 0 THZ -1.00000  
2465 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2464 0 0 U -1.00000  
2464 0 0 THY -1.00000  
2465 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 216 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2464 0 0 V -1.00000  
2464 0 0 THX 1.00000  
2465 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 217 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2483 0 0 W -1.00000  
2484 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2483 0 0 THX -1.00000  
2484 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2483 0 0 THY -1.00000  
2484 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2483 0 0 THZ -1.00000  
2484 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2483 0 0 U -1.00000  
2483 0 0 THY -1.00000  
2484 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 217 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2483 0 0 V -1.00000  
2483 0 0 THX 1.00000  
2484 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 219 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2495 0 0 W -1.00000  
2496 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THX	-1.00000
2496	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THY	-1.00000
2496	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THZ	-1.00000
2496	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	U	-1.00000
2495	0	0	THY	-1.00000
2496	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	V	-1.00000
2495	0	0	THX	1.00000
2496	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	W	-1.00000
2515	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THX	-1.00000
2515	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THY	-1.00000
2515	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THZ	-1.00000
2515	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	U	-1.00000
2514	0	0	THY	-1.00000
2515	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	V	-1.00000
2514	0	0	THX	1.00000
2515	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	W	-1.00000
2527	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THX	-1.00000
2527	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THY	-1.00000
2527	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THZ	-1.00000
2527	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	U	-1.00000
2526	0	0	THY	-1.00000
2527	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	V	-1.00000
2526	0	0	THX	1.00000
2527	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	W	-1.00000
2552	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THX	-1.00000
2552	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THY	-1.00000
2552	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THZ	-1.00000
2552	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	U	-1.00000
2551	0	0	THY	-1.00000
2552	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2551	0	0	V	-1.00000
2551	0	0	THX	1.00000
2552	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	W	-1.00000
2564	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THX	-1.00000
2564	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THY	-1.00000
2564	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THZ	-1.00000
2564	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	U	-1.00000
2563	0	0	THY	-1.00000
2564	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	V	-1.00000
2563	0	0	THX	1.00000
2564	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	W	-1.00000
2583	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THX	-1.00000
2583	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THY	-1.00000
2583	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THZ	-1.00000
2583	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	U	-1.00000
2582	0	0	THY	-1.00000

2583 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	V	-1.00000
2582	0	0	THX	1.00000
2583	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	W	-1.00000
2595	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THX	-1.00000
2595	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THY	-1.00000
2595	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THZ	-1.00000
2595	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	U	-1.00000
2594	0	0	THY	-1.00000
2595	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	V	-1.00000
2594	0	0	THX	1.00000
2595	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	W	-1.00000
2632	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	THX	-1.00000
2632	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	THY	-1.00000
2632	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	THZ	-1.00000
2632	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	U	-1.00000
2631	0	0	THY	-1.00000
2632	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	V	-1.00000
2631	0	0	THX	1.00000
2632	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	W	-1.00000
2644	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THX	-1.00000
2644	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THY	-1.00000
2644	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THZ	-1.00000
2644	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	U	-1.00000
2643	0	0	THY	-1.00000
2644	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	V	-1.00000
2643	0	0	THX	1.00000
2644	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	W	1.00000
2664	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THX	1.00000
2664	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THY	1.00000
2664	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THZ	1.00000
2664	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	W	-1.00000
2665	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THX	-1.00000
2665	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THY	-1.00000
2665	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THZ	-1.00000
2665	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	U	0.666667
2664	0	0	U	-0.666667
2664	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	V	0.666667
2664	0	0	V	-0.666667
2664	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	U	-1.00000
2664	0	0	THY	-1.00000
2665	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	V	-1.00000
2664	0	0	THX	1.00000
2665	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	W	1.00000
2680	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THX	1.00000
2680	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
53	0	0	THY	1.00000
2680	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
53	0	0	THZ	1.00000
2680	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2680	0	0	W	-1.00000
2681	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2680	0	0	THX	-1.00000
2681	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2680	0	0	THY	-1.00000
2681	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2680	0	0	THZ	-1.00000
2681	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
53	0	0	U	0.666667
2680	0	0	U	-0.666667
2680	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
53	0	0	V	0.666667
2680	0	0	V	-0.666667
2680	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2680	0	0	U	-1.00000
2680	0	0	THY	-1.00000
2681	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2680	0	0	V	-1.00000
2680	0	0	THX	1.00000
2681	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2699	0	0	W	-1.00000
2700	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2699	0	0	THX	-1.00000

2700 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2699 0 0 THY -1.00000  
2700 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2699 0 0 THZ -1.00000  
2700 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2699 0 0 U -1.00000  
2699 0 0 THY -1.00000  
2700 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 235 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2699 0 0 V -1.00000  
2699 0 0 THX 1.00000  
2700 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 237 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2711 0 0 W -1.00000  
2712 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2711 0 0 THX -1.00000  
2712 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2711 0 0 THY -1.00000  
2712 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2711 0 0 THZ -1.00000  
2712 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2711 0 0 U -1.00000  
2711 0 0 THY -1.00000  
2712 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 237 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2711 0 0 V -1.00000  
2711 0 0 THX 1.00000  
2712 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 238 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2736 0 0 W -1.00000  
2737 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THX	-1.00000
2737	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THY	-1.00000
2737	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THZ	-1.00000
2737	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	U	-1.00000
2736	0	0	THY	-1.00000
2737	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	V	-1.00000
2736	0	0	THX	1.00000
2737	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	W	-1.00000
2749	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THX	-1.00000
2749	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THY	-1.00000
2749	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THZ	-1.00000
2749	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	U	-1.00000
2748	0	0	THY	-1.00000
2749	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	V	-1.00000
2748	0	0	THX	1.00000
2749	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	W	-1.00000
2768	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THX	-1.00000
2768	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THY	-1.00000
2768	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THZ	-1.00000
2768	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	U	-1.00000
2767	0	0	THY	-1.00000
2768	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	V	-1.00000
2767	0	0	THX	1.00000
2768	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	W	-1.00000
2780	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THX	-1.00000
2780	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THY	-1.00000
2780	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THZ	-1.00000
2780	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	U	-1.00000
2779	0	0	THY	-1.00000
2780	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2779	0	0	V	-1.00000
2779	0	0	THX	1.00000
2780	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	W	-1.00000
2805	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THX	-1.00000
2805	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THY	-1.00000
2805	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THZ	-1.00000
2805	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	U	-1.00000
2804	0	0	THY	-1.00000
2805	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	V	-1.00000
2804	0	0	THX	1.00000
2805	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	W	-1.00000
2817	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THX	-1.00000
2817	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THY	-1.00000
2817	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THZ	-1.00000
2817	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	U	-1.00000
2816	0	0	THY	-1.00000

2817 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	V	-1.00000
2816	0	0	THX	1.00000
2817	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	W	-1.00000
2836	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THX	-1.00000
2836	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THY	-1.00000
2836	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THZ	-1.00000
2836	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	U	-1.00000
2835	0	0	THY	-1.00000
2836	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	V	-1.00000
2835	0	0	THX	1.00000
2836	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	W	-1.00000
2848	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	THX	-1.00000
2848	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	THY	-1.00000
2848	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	THZ	-1.00000
2848	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	U	-1.00000
2847	0	0	THY	-1.00000
2848	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	V	-1.00000
2847	0	0	THX	1.00000
2848	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	W	-1.00000
2873	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THX	-1.00000
2873	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THY	-1.00000
2873	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THZ	-1.00000
2873	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	U	-1.00000
2872	0	0	THY	-1.00000
2873	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	V	-1.00000
2872	0	0	THX	1.00000
2873	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	W	-1.00000
2885	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THX	-1.00000
2885	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THY	-1.00000
2885	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THZ	-1.00000
2885	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	U	-1.00000
2884	0	0	THY	-1.00000
2885	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	V	-1.00000
2884	0	0	THX	1.00000
2885	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	W	1.00000
2905	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	W	-1.00000
2906	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THX	-1.00000
2906	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THY	-1.00000
2906	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THZ	-1.00000
2906	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	U	0.666667



2905 0 0 U -0.666667  
2905 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
55 0 0 V 0.666667  
2905 0 0 V -0.666667  
2905 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2905 0 0 U -1.00000  
2905 0 0 THY -1.00000  
2906 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2905 0 0 V -1.00000  
2905 0 0 THX 1.00000  
2906 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
60 0 0 W 1.00000  
2921 0 0 W -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
60 0 0 THX 1.00000  
2921 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
60 0 0 THY 1.00000  
2921 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
60 0 0 THZ 1.00000  
2921 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2921 0 0 W -1.00000  
2922 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2921 0 0 THX -1.00000  
2922 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2921 0 0 THY -1.00000  
2922 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2921 0 0 THZ -1.00000  
2922 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	U	0.666667
2921	0	0	U	-0.666667
2921	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	V	0.666667
2921	0	0	V	-0.666667
2921	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	U	-1.000000
2921	0	0	THY	-1.000000
2922	0	0	U	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	V	-1.000000
2921	0	0	THX	1.000000
2922	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	V	1.000000
3	0	0	V	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THX	1.000000
3	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THY	1.000000
3	0	0	THY	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THZ	1.000000
3	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	V	-1.000000
6	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THX	-1.000000
6	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THY	-1.000000
6	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THZ	-1.00000
6	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	U	0.285714
3	0	0	U	-0.285714
3	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	W	0.285714
3	0	0	W	-0.285714
3	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	U	-0.285714
3	0	0	THZ	1.00000
6	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	W	-0.285714
3	0	0	THX	-1.00000
6	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	V	1.00000
9	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THX	1.00000
9	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THY	1.00000
9	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THZ	1.00000
9	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	V	-1.00000
12	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THX	-1.00000
12	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THY	-1.00000
12	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THZ	-1.00000
12	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	U	0.285714
9	0	0	U	-0.285714
9	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	W	0.285714
9	0	0	W	-0.285714
9	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	U	-0.285714
9	0	0	THZ	1.00000
12	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	W	-0.285714
9	0	0	THX	-1.00000
12	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	V	1.00000
15	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THX	1.00000
15	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THY	1.00000
15	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THZ	1.00000
15	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	V	-1.00000
18	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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15	0	0	THX	-1.00000
18	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THY	-1.00000
18	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THZ	-1.00000
18	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	U	0.285714
15	0	0	U	-0.285714
15	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	W	0.285714
15	0	0	W	-0.285714
15	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	U	-0.285714
15	0	0	THZ	1.00000
18	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	W	-0.285714
15	0	0	THX	-1.00000
18	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	V	1.00000
22	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THX	1.00000
22	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THY	1.00000
22	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THZ	1.00000
22	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	V	-1.00000
24	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THX	-1.00000
24	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THY	-1.00000
24	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THZ	-1.00000
24	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	U	0.285714
22	0	0	U	-0.285714
22	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	W	0.285714
22	0	0	W	-0.285714
22	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	U	-0.285714
22	0	0	THZ	1.00000
24	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	W	-0.285714
22	0	0	THX	-1.00000
24	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	V	1.00000
28	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	THX	1.00000
28	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	THY	1.00000
28	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	THZ	1.00000
28	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	V	-1.00000
29	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	THX	-1.00000
29	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	THY	-1.00000
29	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	THZ	-1.00000
29	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	U	0.285714
28	0	0	U	-0.285714
28	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	W	0.285714
28	0	0	W	-0.285714
28	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	U	-0.285714
28	0	0	THZ	1.00000
29	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	W	-0.285714
28	0	0	THX	-1.00000
29	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	V	1.00000
33	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THX	1.00000
33	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THY	1.00000
33	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THZ	1.00000
33	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	V	-1.00000
36	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THX	-1.00000
36	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THY	-1.00000
36	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THZ	-1.00000
36	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	U	0.285714
33	0	0	U	-0.285714
33	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	W	0.285714
33	0	0	W	-0.285714
33	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	U	-0.285714
33	0	0	THZ	1.00000
36	0	0	U	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	W	-0.285714
33	0	0	THX	-1.00000
36	0	0	W	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	V	1.00000
40	0	0	V	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THX	1.00000
40	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
37	0	0	THY	1.00000
40	0	0	THY	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THZ	1.00000
40	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	V	-1.00000
42	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THX	-1.00000
42	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THY	-1.00000
42	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THZ	-1.00000
42	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	U	0.285714
40	0	0	U	-0.285714
40	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	W	0.285714
40	0	0	W	-0.285714
40	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	U	-0.285714
40	0	0	THZ	1.00000
42	0	0	U	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	W	-0.285714
40	0	0	THX	-1.00000
42	0	0	W	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	V	1.00000
45	0	0	V	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THX	1.00000

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45      0      0      THX  -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION      263      CONSTANT = 0.000000E+00

FIRST  LAST  DIFF      FREEDOM  COEFFICIENT
NODE  NODE  RNCE      TYPE
43    0      0      THY      1.00000
45    0      0      THY     -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION      263      CONSTANT = 0.000000E+00

FIRST  LAST  DIFF      FREEDOM  COEFFICIENT
NODE  NODE  RNCE      TYPE
43    0      0      THZ      1.00000
45    0      0      THZ     -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION      263      CONSTANT = 0.000000E+00

FIRST  LAST  DIFF      FREEDOM  COEFFICIENT
NODE  NODE  RNCE      TYPE
45    0      0      V      -1.00000
47    0      0      V      1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION      263      CONSTANT = 0.000000E+00

FIRST  LAST  DIFF      FREEDOM  COEFFICIENT
NODE  NODE  RNCE      TYPE
45    0      0      THX     -1.00000
47    0      0      THX      1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION      263      CONSTANT = 0.000000E+00

FIRST  LAST  DIFF      FREEDOM  COEFFICIENT
NODE  NODE  RNCE      TYPE
45    0      0      THY     -1.00000
47    0      0      THY      1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION      263      CONSTANT = 0.000000E+00

FIRST  LAST  DIFF      FREEDOM  COEFFICIENT
NODE  NODE  RNCE      TYPE
45    0      0      THZ     -1.00000
47    0      0      THZ      1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION      263      CONSTANT = 0.000000E+00

FIRST  LAST  DIFF      FREEDOM  COEFFICIENT
NODE  NODE  RNCE      TYPE
43    0      0      U      0.285714
45    0      0      U     -0.285714
45    0      0      THZ     -1.00000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION      263      CONSTANT = 0.000000E+00

FIRST  LAST  DIFF      FREEDOM  COEFFICIENT
NODE  NODE  RNCE      TYPE
43    0      0      W      0.285714
45    0      0      W     -0.285714
45    0      0      THX      1.00000
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION      263      CONSTANT = 0.000000E+00

FIRST  LAST  DIFF      FREEDOM  COEFFICIENT
NODE  NODE  RNCE      TYPE
45    0      0      U     -0.285714
45    0      0      THZ      1.00000
47    0      0      U      0.285714
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION      263      CONSTANT = 0.000000E+00

FIRST  LAST  DIFF      FREEDOM  COEFFICIENT
NODE  NODE  RNCE      TYPE
45    0      0      W     -0.285714
45    0      0      THX     -1.00000
47    0      0      W      0.285714
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION      264      CONSTANT = 0.000000E+00

FIRST  LAST  DIFF      FREEDOM  COEFFICIENT
NODE  NODE  RNCE      TYPE
56    0      0      V      1.00000
58    0      0      V     -1.00000
TOTAL NUMBER OF COEFFICIENTS = 2

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EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	THX	1.00000
58	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	THY	1.00000
58	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	THZ	1.00000
58	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	V	-1.00000
59	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	THX	-1.00000
59	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	THY	-1.00000
59	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	THZ	-1.00000
59	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	U	0.285714
58	0	0	U	-0.285714
58	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	W	0.285714
58	0	0	W	-0.285714
58	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	U	-0.285714
58	0	0	THZ	1.00000
59	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	W	-0.285714
58	0	0	THX	-1.00000
59	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	V	1.00000
52	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THX	1.00000
52	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THY	1.00000
52	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THZ	1.00000
52	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	V	-1.00000
54	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	THX	-1.00000
54	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	THY	-1.00000
54	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	THZ	-1.00000
54	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	U	0.285714
52	0	0	U	-0.285714
52	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	W	0.285714
52	0	0	W	-0.285714
52	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	U	-0.285714
52	0	0	THZ	1.00000
54	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE   NODE   RNCE             TYPE
52     0     0             W -0.285714
52     0     0             THX -1.00000
54     0     0             W 0.285714
TOTAL NUMBER OF COEFFICIENTS =         3

TOTAL NUMBER OF CONSTRAINT EQUATIONS    =        1260
MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION =         3
LARGEST NODE NUMBER ENCOUNTERED        =       10451

DATA STORAGE LOCATIONS USED             =       10923

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

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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	LAST SUPPORT	DIFF	RNCE	CONDITION	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	
OR	OR					OR	OR	OR	OR	OR	OR	OR	
VISCOUS SUPPT					CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	
OR	OR					OR	OR	OR	OR	OR	OR	OR	
PRESCRIBED					VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	
FREEDOM	THZ			FREEDOM	U	FREEDOM	V	FREEDOM	W	FREEDOM	THX	FREEDOM	THY
4	16	6	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	
21	27	6	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	
34	39	5	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	
46	51	5	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	
57	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					=	10							
LARGEST NODE NUMBER					=	57							
DATA STORAGE LOCATIONS USED					=	180							

L O A D C A S E 1

Fw

FIRST NODE	LAST NODE	DIFF	RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
293	0	0	0	0.000000E+00	16318.	-2121.1	0.000000E+00	0.000000E+00	0.000000E+00
302	0	0	0	0.000000E+00	12030.	1563.8	0.000000E+00	0.000000E+00	0.000000E+00
314	0	0	0	0.000000E+00	12030.	-1563.8	0.000000E+00	0.000000E+00	0.000000E+00
322	0	0	0	0.000000E+00	8158.8	1060.5	0.000000E+00	0.000000E+00	0.000000E+00
324	0	0	0	0.000000E+00	8158.8	-1060.5	0.000000E+00	0.000000E+00	0.000000E+00
328	0	0	0	0.000000E+00	12446.	1617.8	0.000000E+00	0.000000E+00	0.000000E+00
330	0	0	0	0.000000E+00	12446.	-1617.8	0.000000E+00	0.000000E+00	0.000000E+00
339	0	0	0	0.000000E+00	16318.	2121.1	0.000000E+00	0.000000E+00	0.000000E+00
351	0	0	0	0.000000E+00	16318.	-2121.1	0.000000E+00	0.000000E+00	0.000000E+00
359	0	0	0	0.000000E+00	16318.	2121.1	0.000000E+00	0.000000E+00	0.000000E+00
361	0	0	0	0.000000E+00	16318.	-2121.1	0.000000E+00	0.000000E+00	0.000000E+00
370	0	0	0	0.000000E+00	16318.	2121.1	0.000000E+00	0.000000E+00	0.000000E+00
382	0	0	0	0.000000E+00	16318.	-2121.1	0.000000E+00	0.000000E+00	0.000000E+00
390	0	0	0	0.000000E+00	12449.	1618.3	0.000000E+00	0.000000E+00	0.000000E+00
392	0	0	0	0.000000E+00	12449.	-1618.3	0.000000E+00	0.000000E+00	0.000000E+00
396	0	0	0	0.000000E+00	8158.8	1060.5	0.000000E+00	0.000000E+00	0.000000E+00
398	0	0	0	0.000000E+00	8158.8	-1060.5	0.000000E+00	0.000000E+00	0.000000E+00
407	0	0	0	0.000000E+00	12027.	1563.4	0.000000E+00	0.000000E+00	0.000000E+00
419	0	0	0	0.000000E+00	12027.	-1563.4	0.000000E+00	0.000000E+00	0.000000E+00
427	0	0	0	0.000000E+00	16318.	2121.1	0.000000E+00	0.000000E+00	0.000000E+00
429	0	0	0	0.000000E+00	16318.	-2121.1	0.000000E+00	0.000000E+00	0.000000E+00
438	0	0	0	0.000000E+00	16318.	2121.1	0.000000E+00	0.000000E+00	0.000000E+00
450	0	0	0	0.000000E+00	16318.	-2121.1	0.000000E+00	0.000000E+00	0.000000E+00
458	0	0	0	0.000000E+00	16318.	2121.1	0.000000E+00	0.000000E+00	0.000000E+00
460	0	0	0	0.000000E+00	16318.	-2121.1	0.000000E+00	0.000000E+00	0.000000E+00
469	0	0	0	0.000000E+00	12027.	1563.4	0.000000E+00	0.000000E+00	0.000000E+00
481	0	0	0	0.000000E+00	12027.	-1563.4	0.000000E+00	0.000000E+00	0.000000E+00
489	0	0	0	0.000000E+00	8158.8	1060.5	0.000000E+00	0.000000E+00	0.000000E+00
491	0	0	0	0.000000E+00	8158.8	-1060.5	0.000000E+00	0.000000E+00	0.000000E+00
495	0	0	0	0.000000E+00	12449.	1618.3	0.000000E+00	0.000000E+00	0.000000E+00
497	0	0	0	0.000000E+00	12449.	-1618.3	0.000000E+00	0.000000E+00	0.000000E+00
506	0	0	0	0.000000E+00	16318.	2121.1	0.000000E+00	0.000000E+00	0.000000E+00
518	0	0	0	0.000000E+00	16318.	-2121.1	0.000000E+00	0.000000E+00	0.000000E+00

























































































































































1679	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1681	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1690	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1692	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1699	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1701	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1710	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1712	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1713	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1715	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1722	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1724	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1733	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1735	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1742	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1744	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1753	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1755	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1756	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1758	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1765	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1767	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1776	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1778	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1785	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1787	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1796	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1798	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1799	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1801	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1808	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1810	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1819	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1821	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1828	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1830	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1839	ALL	0.000000E+00	0.000000E+00	0.000000E+00	5.35714	0.000000E+00	0.000000E+00	0.000000E+00
1841	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 = 414  
LARGEST NODE OR ELEMENT NUMBER = 1841

DATA STORAGE LOCATIONS USED = 43513

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	2017	1	0	0	0	0	0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1  
TOTAL NUMBER OF ELEMENTS OUTPUT = 2017  
LARGEST ELEMENT NUMBER INPUT = 2017  
LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

## N O D E O U T P U T

FIRST NODE	LAST NODE	DIFF RNCE	OUTPUT CONTROL	HISTORY CONTROL
1	3331	1	0	0
3743	3754	1	0	0
8152	8154	2	0	0
8155	8159	1	0	0
8161	8164	1	0	0
8166	8172	1	0	0
8180	8182	2	0	0
8183	8187	1	0	0
8189	8192	1	0	0
8194	8195	1	0	0
8198	8201	3	0	0
8205	8206	1	0	0
8211	8214	3	0	0
8215	8218	3	0	0
8219	8223	4	0	0
8225	8226	1	0	0
8228	8229	1	0	0
8231	8232	1	0	0
8234	8238	4	0	0
8249	8264	15	0	0
8296	8302	6	0	0
8318	8321	3	0	0
8470	8471	1	0	0
8477	8478	1	0	0
8481	8482	1	0	0
8485	8486	1	0	0
8489	8490	1	0	0
8509	8510	1	0	0
8513	8514	1	0	0
8517	8518	1	0	0
8521	8524	3	0	0
8525	8528	3	0	0
8529	8532	3	0	0
8533	8549	16	0	0
8550	8553	3	0	0
8554	8557	3	0	0
8558	8697	139	0	0
8750	8776	26	0	0
8779	8794	15	0	0
8804	8827	23	0	0
8830	8833	3	0	0
8967	8976	3	0	0
8978	8985	7	0	0
8987	8992	5	0	0
8996	9002	2	0	0
9009	9018	3	0	0
9024	9030	2	0	0
9033	9041	4	0	0
9043	9048	5	0	0
9062	9074	3	0	0
9081	9089	2	0	0
9096	9106	2	0	0
9226	9236	2	0	0
9241	9245	2	0	0
9248	9254	3	0	0
9256	9260	4	0	0
9269	9278	3	0	0
9283	9291	2	0	0
9295	9299	4	0	0
9302	9308	3	0	0
9315	9327	3	0	0
9333	9974	641	0	0
9976	9977	1	0	0
9980	9981	1	0	0
9983	9984	1	0	0
9986	9987	1	0	0
9989	9991	2	0	0
9992	10004	1	0	0
10006	10019	1	0	0
10021	10035	1	0	0
10038	10040	2	0	0
10041	10053	1	0	0
10055	10068	1	0	0
10070	10084	1	0	0
10087	10088	1	0	0
10090	10091	1	0	0
10093	10094	1	0	0
10096	10097	1	0	0
10100	10110	1	0	0
10112	10122	1	0	0
10124	10134	1	0	0
10136	10138	2	0	0
10139	10151	1	0	0
10153	10166	1	0	0
10168	10169	1	0	0
10171	10173	2	0	0
10179	10183	2	0	0
10187	10189	2	0	0
10193	10194	1	0	0
10209	10210	1	0	0
10212	10214	2	0	0

10218	10220	2	0	0
10224	10228	2	0	0
10229	10240	11	0	0
10241	10245	2	0	0
10249	10251	2	0	0
10255	10257	2	0	0
10261	10265	2	0	0
10266	10277	11	0	0
10278	10282	2	0	0
10286	10288	2	0	0
10292	10296	2	0	0
10297	10308	11	0	0
10309	10313	2	0	0
10317	10319	2	0	0
10323	10325	2	0	0
10329	10333	2	0	0
10334	10345	11	0	0
10346	10350	2	0	0
10354	10356	2	0	0
10360	10364	2	0	0
10365	10376	11	0	0
10377	10381	2	0	0
10385	10387	2	0	0
10391	10393	2	0	0
10397	10401	2	0	0
10402	10413	11	0	0
10414	10418	2	0	0
10422	10424	2	0	0
10428	10430	2	0	0
10434	10435	1	0	0
10450	10451	1	0	0
10453	10455	2	0	0
10459	10461	2	0	0
10464	10467	3	0	0
10468	10474	3	0	0
10475	10481	3	0	0
10482	10491	3	0	0
10492	10498	3	0	0
10499	10508	3	0	0
10509	10515	3	0	0
10516	10525	3	0	0
10526	10532	3	0	0
10533	10542	3	0	0
10543	10549	3	0	0
10550	10559	3	0	0
10560	10566	3	0	0
10567	10576	3	0	0
10577	10583	3	0	0
10584	10593	3	0	0
10594	10600	3	0	0
10601	10610	3	0	0
10611	10617	3	0	0
10618	10627	3	0	0
10628	0	0	0	0

TOTAL NUMBER OF NODE OUTPUT SETS = 145  
TOTAL NUMBER OF NODES OUTPUT = 0  
LARGEST NODE NUMBER INPUT = 10628  
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 = 2017  
TOTAL NUMBER OF CONSTRAINTS = 1260  
TOTAL NUMBER OF NODES = 3840  
TOTAL NUMBER OF SUPPORT NODES = 10  
TOTAL NUMBER OF LOADING CASES = 5  
LOCATIONS USED DURING DATA PROCESSING = 120088840  
LOCATIONS AVAILABLE = 150000000  
TIME USED TO PROCESS INPUT DATA = 0.46300 SEC.  
TIME AT CENTRAL PROCESSOR = 10:26:58 ON 22/06/23 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE = 2017  
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)

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
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	1947.30	0.000000E+00	1395.74	0.139574E-01	205.563	5.62499	0.000000E+00
1	816.220	0.000000E+00	0.901082E+11	901082.	203.957	5.62500	0.000000E+00

2	1003.11	0.000000E+00	21.9904	172625.	203.668	5.62500	-0.723478
3	85.0000	0.000000E+00	850.000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
8	0.235922E-14	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	3851.63	0.000000E+00	0.901082E+11	0.107371E+07	203.910	5.62500	-0.116317

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
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	0.611704	787.577	788.189	-16.1387	0.000000E+00	0.000000E+00
1	0.395491E+08	0.497328E+11	0.497723E+11	-0.103377E+10	0.000000E+00	0.000000E+00
2	0.635181E+07	0.960115E+10	0.960725E+10	-0.197765E+09	702508.	0.254177E+08
3	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
TOTALS FOR STRUCTURE	0.459009E+08	0.593340E+11	0.593796E+11	-0.123154E+10	702508.	0.254177E+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
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	0.170086	197.791	197.961	0.294927E-04	0.000000E+00	0.000000E+00
1	0.110383E+08	0.122493E+11	0.122603E+11	0.107288E-05	0.000000E+00	0.000000E+00
2	799488.	0.244046E+10	0.244119E+10	0.143051E-05	-0.116415E-09	-18471.0
3	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
TOTALS FOR STRUCTURE	0.119136E+08	0.146899E+11	0.147015E+11	0.321865E-04	0.229338E-07	-48716.5

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				
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	197.961	197.791	0.170086	( 0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00, -0.00, 0.00)	
1	0.122603E+11	0.122493E+11	0.110383E+08	( 0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00, 0.00, 0.00)	
2	0.244119E+10	0.244046E+10	799488.	(-0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00, -0.00, 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)	
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)	
TOTALS FOR STRUCTURE	0.147015E+11	0.146899E+11	0.119136E+08	(-0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00, -0.00, 0.00)	

FORCE OUTPUT GROUP	RESULTANT APPLIED LOAD AT ORIGIN IN GLOBAL DIRECTIONS					
	Fx N	Fy N	Fz N	Mx N .M	My N .M	Mz N .M
LOAD CASE 1						
TOTALS FOR STRUCTURE	0.000000E+00	0.549112E+07	0.000000E+00	-0.249825E+07	0.000000E+00	0.112049E+10
LOAD CASE 21						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE 22						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE 23						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE 24						
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) = 0.2243

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.60000E-02 SEC.  
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 112110

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 5333849  
LOCATIONS AVAILABLE = 15000000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 10248  
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 10248  
TOTAL NO. OF EQUATIONS = 11508  
TOTAL NO. OF ACTIVE NODES = 1708

NUMBER OF ELEMENT GROUPS = 2  
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1902

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 1100989  
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 2598284  
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0  
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 940870  
TOTAL SIZE OF ELEMENT DATA RECORDS = 1157166  
TOTAL SIZE OF ELEMENT RESULT RECORDS = 2652034

TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0  
 TOTAL SIZE OF GLOBAL SOLUTION RECORD = 68528  
 TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 237211  
 TIME FOR PRE-SOLUTION PROCESS = 0.27000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:26:58 ON 22/06/23 (DAY/MTH/YR)

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

=====

= Parallel multifrontal solver statistics =

=====

Solving symmetric indefinite matrix  
 Minimum degree equation re-ordering algorithm used  
 Number of nonzeros in L and U = 198069  
 Number of iterative refinement steps = 4  
 Number of positive eigenvalues = 10188  
 Number of negative eigenvalues = 1260  
 Peak memory used during analysis and  
 symbolic factorisation (MB) = 7.47  
 Total peak memory used during solve (MB) = 10.73  
 In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.14364E-22  
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.85881E-23  
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.13004E-22  
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.10432E-24  
 FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 = 0.83454E-25

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

LOCATIONS USED DURING POST-SOLUTION PROCESS = 5458721  
 LOCATIONS AVAILABLE = 150000000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 2017  
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 0.40200 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 0.89400 SEC.

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

TIME AT CENTRAL PROCESSOR = 10:26:58 ON 22/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit Name	Disk Page Size (Bytes)	Calls to I/O Routines	Buffered Transfers	Disk Accesses	Page Table Swaps	Peak File Size (Mbytes)
PROBLEM	16384	2652	5806	1643	0	20.45312
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	6	301	116	0	1.828125
PLOT	16384	10117	12182	2054	0	32.60938
RESTART	0	0	0	0	0	0.0000000E+00

\*\*\*LUSAS RUN SUCCESSFULLY COMPLETED\*\*\*

TIME AT CENTRAL PROCESSOR = 10:27:13 ON 22/06/23 (DAY/MTH/YR)

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

VBNAM            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

VBNAM            VALUE  
IDTIME           1  
NIDX            100000  
NLPZ            150000000

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  
LLLLLLLLL    UU    UU    SS    SS    AA    AA    SS    SS  
LLLLLLLLL    UUUUUU    SSSSSS    AA    AA    SSSSSS

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

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

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

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

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

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

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

D:\SynologyDrive\01\_lavoro\48\_037\_09\_23\_632\_418\_Due\_Viadotti\_Trevalli\_Esec\_Sintagma\_LF\03\_calcoli\VI02\_molino\_vecchio\LUSASFiles  
32\Molino\_Vecchio\_rev18\_g\Molino\_Vecchio\_rev18\_g~05\_Fase3\_Altro.dat

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

Memory request for 1478Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:27:13 ON 22/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

- O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
- O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
- O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
- O P T I O N(S) 123 CLOCKWISE NODE NUMBERING
- O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
- O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
- O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
- O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
- O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
- O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
- O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

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

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

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

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

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

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

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

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

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

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
JSH4	ELEMENTS			
1	1	2	604	605
2	4	3	2678	2679
3	6	5	612	613
4	8	7	620	621
5	10	9	2903	2904
6	12	11	944	945
7	13	14	952	953
8	16	15	2911	2912
9	18	17	960	961
10	19	20	1284	1285
11	21	22	2919	2920
12	24	23	1292	1293
13	25	26	1300	1301
14	27	28	3743	3744
15	29	30	1624	1625
16	31	32	1632	1633
17	34	33	3745	3746
18	36	35	1640	1641
19	37	38	1964	1965
20	39	40	3747	3748
21	42	41	1972	1973
22	43	44	1980	1981
23	46	45	3749	3750
24	47	48	2304	2305
25	50	49	2312	2313
26	51	52	3751	3752
27	54	53	2320	2321
28	56	55	2662	2663
29	57	58	3753	3754
30	59	60	2670	2671
1933	2992	68	3162	3163
1934	2994	90	3164	3165
1935	2996	115	3166	3167
1936	2998	137	3168	3169
1937	3000	162	3170	3171
1938	3002	194	3172	3173
1939	3004	238	3174	3175
1940	3006	277	3176	3177
1941	3008	311	3178	3179
1942	3010	348	3180	3181
1943	3012	380	3182	3183
1944	3014	417	3184	3185
1945	3016	451	3186	3187
1946	3018	484	3188	3189
1947	3020	521	3190	3191
1948	3022	554	3192	3193
1949	3024	591	3194	3195
1950	3026	629	3196	3197
1951	3028	661	3198	3199
1952	3030	698	3200	3201
1953	3032	731	3202	3203
1954	3034	768	3204	3205
1955	3036	801	3206	3207
1956	3038	833	3208	3209
1957	3040	870	3210	3211
1958	3042	902	3212	3213
1959	3044	939	3214	3215
1960	3046	978	3216	3217
1961	3048	1011	3218	3219
1962	3050	1048	3220	3221
1963	3052	1080	3222	3223
1964	3054	1119	3224	3225
1965	3056	1151	3226	3227
1966	3058	1182	3228	3229
1967	3060	1220	3230	3231
1968	3062	1252	3232	3233
1969	3064	1291	3234	3235
1970	3066	1327	3236	3237
1971	3068	1361	3238	3239
1972	3070	1396	3240	3241
1973	3072	1430	3242	3243
1974	3074	1465	3244	3245
1975	3076	1497	3246	3247
1976	3078	1531	3248	3249
1977	3080	1566	3250	3251
1978	3082	1600	3252	3253
1979	3084	1639	3254	3255
1980	3086	1675	3256	3257
1981	3088	1707	3258	3259

1982	3090	1745	3260	3261
1983	3092	1776	3262	3263
1984	3094	1815	3264	3265
1985	3096	1847	3266	3267
1986	3098	1879	3268	3269
1987	3100	1916	3270	3271
1988	3102	1949	3272	3273
1989	3104	1992	3274	3275
1990	3106	2025	3276	3277
1991	3108	2057	3278	3279
1992	3110	2094	3280	3281
1993	3112	2126	3282	3283
1994	3114	2163	3284	3285
1995	3116	2196	3286	3287
1996	3118	2229	3288	3289
1997	3120	2266	3290	3291
1998	3122	2298	3292	3293
1999	3124	2343	3294	3295
2000	3126	2373	3296	3297
2001	3128	2406	3298	3299
2002	3130	2447	3300	3301
2003	3132	2480	3302	3303
2004	3134	2518	3304	3305
2005	3136	2550	3306	3307
2006	3138	2584	3308	3309
2007	3140	2619	3310	3311
2008	3142	2651	3312	3313
2009	3144	2704	3314	3315
2010	3146	2738	3316	3317
2011	3148	2770	3318	3319
2012	3150	2807	3320	3321
2013	3152	2839	3322	3323
2014	3154	2876	3324	3325
2015	3156	2910	3326	3327
2016	3158	2949	3328	3329
2017	3160	2971	3330	3331

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	
31	10169	10171	61
32	10171	10173	62
33	10173	10461	63
34	10461	10179	64
35	10179	10181	65
36	10181	10183	66
37	10173	10194	67
38	10461	68	69
39	10179	10210	70
40	10187	10189	71
41	10189	10194	72
42	10193	73	74
43	10194	68	75
44	73	10209	76
45	68	10210	77
46	10210	10212	78
47	10212	10214	79
48	10194	10218	80
49	68	10464	81
50	10210	10220	82
51	9974	8152	83
52	8152	10218	84
53	10218	10464	85
54	10464	10220	86
55	10220	8697	87
56	8697	9976	88
57	10218	10229	89
58	10464	90	91
59	10220	10241	92
60	10224	10226	93
61	10226	10229	94
62	10228	95	96
63	10229	90	97
64	95	10240	98
65	90	10241	99
66	10241	10243	100
67	10243	10245	101
68	10229	10249	102
69	90	10467	103
70	10241	10251	104
71	10249	10255	105
72	10467	10468	106
73	10251	10257	107
74	9977	8154	108
75	8154	10255	109
76	10255	10468	110
77	10468	10257	111
78	10257	8750	112
79	8750	9980	113
80	10255	10266	114
81	10468	115	116
82	10257	10278	117
83	10261	10263	118
84	10263	10266	119
85	10265	120	121
86	10266	115	122
87	120	10277	123
88	115	10278	124
89	10278	10280	125



90	10280	10282	126
91	10266	10286	127
92	115	10471	128
93	10278	10288	129
94	9981	8155	130
95	8155	10286	131
96	10286	10471	132
97	10471	10288	133
98	10288	8776	134
99	8776	9983	135
100	10286	10297	136
101	10471	137	138
102	10288	10309	139
103	10292	10294	140
104	10294	10297	141
105	10296	142	143
106	10297	137	144
107	142	10308	145
108	137	10309	146
109	10309	10311	147
110	10311	10313	148
111	10297	10317	149
112	137	10474	150
113	10309	10319	151
114	9984	8156	152
115	8156	10317	153
116	10317	10474	154
117	10474	10319	155
118	10319	8779	156
119	8779	9986	157
120	10317	10323	158
121	10474	10475	159
122	10319	10325	160
123	10323	10334	161
124	10475	162	163
125	10325	10346	164
126	10329	10331	165
127	10331	10334	166
128	10333	167	168
129	10334	162	169
130	167	10345	170
131	162	10346	172
132	10346	10348	173
133	10348	10350	176
134	10334	10354	177
135	162	10478	179
136	10346	10356	180
137	9987	8157	182
138	8157	10354	183
139	10354	10478	186
140	10478	10356	187
141	10356	8794	189
142	8794	9989	190
143	10354	10365	193
144	10478	194	196
145	10356	10377	197
146	10360	10362	199
147	10362	10365	200
148	10364	203	204
149	10365	194	206
150	203	10376	207
151	194	10377	210
152	10377	10379	211
153	10379	10381	213
154	10365	10385	214
155	194	10481	216
156	10377	10387	217
157	9991	8158	220
158	8158	10385	221
159	10385	10481	223
160	10481	10387	224
161	10387	8804	227
162	8804	9992	228
163	10385	10391	230
164	10481	10482	231
165	10387	10393	233
166	10391	10402	234
167	10482	238	239
168	10393	10414	241
169	10397	10399	242
170	10399	10402	245
171	10401	246	248
172	10402	238	249
173	246	10413	251
174	238	10414	252
175	10414	10416	255
176	10416	10418	256
177	10402	10422	258
178	238	10485	259
179	10414	10424	264
180	9993	8159	265
181	8159	10422	267
182	10422	10485	268
183	10485	10424	270
184	10424	8827	271
185	8827	9994	274
186	10422	10435	275
187	10485	277	278
188	10424	10451	281
189	10428	10430	282
190	10430	10435	284
191	10434	287	288
192	10435	277	290
193	287	10450	291
194	277	10451	294

195	10451	10453	295
196	10453	10455	296
197	10435	10459	298
198	277	10488	300
199	10451	293	303
200	9995	8161	304
201	8161	10459	305
202	10459	10488	306
203	10488	293	307
204	293	8830	308
205	8830	9996	309
206	10459	302	310
207	10488	311	312
208	293	314	315
209	297	299	317
210	299	302	319
211	301	320	321
212	302	311	323
213	320	313	325
214	311	314	326
215	314	316	327
216	316	318	329
217	302	322	331
218	311	10491	332
219	314	324	333
220	322	328	335
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1616	2552	2619	2630
1617	2626	2563	2633
1618	2619	2564	2634
1619	2564	2566	2635
1620	2566	2568	2636
1621	2552	2572	2637
1622	2619	257	2638
1623	2564	2574	2639
1624	10147	8528	2640
1625	8528	2572	2641
1626	2572	257	2642
1627	257	2574	2645
1628	2574	9333	2647
1629	9333	10148	2649
1630	2572	2583	2650
1631	257	2651	2653
1632	2574	2595	2655
1633	2578	2580	2656
1634	2580	2583	2657
1635	2582	2659	2661
1636	2583	2651	2666
1637	2659	2594	2667
1638	2651	2595	2668
1639	2595	2597	2669
1640	2597	2599	2672
1641	2583	2603	2673
1642	2651	260	2674
1643	2595	2605	2675
1644	2603	2609	2676
1645	260	261	2677
1646	2605	2611	2682
1647	10149	8529	2684
1648	8529	2609	2686
1649	2609	261	2687
1650	261	2611	2688
1651	2611	8992	2690
1652	8992	10150	2692
1653	2609	2615	2693
1654	261	262	2694
1655	2611	2617	2696
1656	2615	2621	2698
1657	262	263	2701
1658	2617	2623	2702
1659	2621	2632	2703
1660	263	2704	2705
1661	2623	2644	2706
1662	2627	2629	2707
1663	2629	2632	2708
1664	2631	2709	2710

1665	2632	2704	2713
1666	2709	2643	2715
1667	2704	2644	2717
1668	2644	2646	2718
1669	2646	2648	2719
1670	2632	2652	2721
1671	2704	266	2723
1672	2644	2654	2724
1673	10151	8532	2725
1674	8532	2652	2727
1675	2652	266	2729
1676	266	2654	2730
1677	2654	9024	2731
1678	9024	10153	2733
1679	2652	2665	2735
1680	266	2738	2739
1681	2654	2681	2740
1682	2658	2660	2741
1683	2660	2665	2742
1684	2664	2743	2744
1685	2665	2738	2745
1686	2743	2680	2746
1687	2738	2681	2747
1688	2681	2683	2750
1689	2683	2685	2752
1690	2665	2689	2754
1691	2738	269	2755
1692	2681	2691	2756
1693	10154	8533	2758
1694	8533	2689	2760
1695	2689	269	2761
1696	269	2691	2762
1697	2691	9026	2764
1698	9026	10155	2766
1699	2689	2700	2769
1700	269	2770	2771
1701	2691	2712	2772
1702	2695	2697	2773
1703	2697	2700	2774
1704	2699	2775	2776
1705	2700	2770	2777
1706	2775	2711	2778
1707	2770	2712	2781
1708	2712	2714	2783
1709	2714	2716	2785
1710	2700	2720	2786
1711	2770	272	2787
1712	2712	2722	2789
1713	2720	2726	2791
1714	272	273	2792
1715	2722	2728	2793
1716	10156	8549	2795
1717	8549	2726	2797
1718	2726	273	2798
1719	273	2728	2799
1720	2728	9028	2801
1721	9028	10157	2803
1722	2726	2737	2806
1723	273	2807	2808
1724	2728	2749	2809
1725	2732	2734	2810
1726	2734	2737	2811
1727	2736	2812	2813
1728	2737	2807	2814
1729	2812	2748	2815
1730	2807	2749	2818
1731	2749	2751	2820
1732	2751	2753	2822
1733	2737	2757	2823
1734	2807	276	2824
1735	2749	2759	2826
1736	10158	8550	2828
1737	8550	2757	2829
1738	2757	276	2830
1739	276	2759	2832
1740	2759	9030	2834
1741	9030	10159	2837
1742	2757	2768	2838
1743	276	2839	2840
1744	2759	2780	2841
1745	2763	2765	2842
1746	2765	2768	2843
1747	2767	2844	2845
1748	2768	2839	2846
1749	2844	2779	2849
1750	2839	2780	2851
1751	2780	2782	2853
1752	2782	2784	2854
1753	2768	2788	2855
1754	2839	279	2857
1755	2780	2790	2859
1756	2788	2794	2860
1757	279	280	2861
1758	2790	2796	2863
1759	10160	8553	2865
1760	8553	2794	2866
1761	2794	280	2867
1762	280	2796	2869
1763	2796	9037	2871
1764	9037	10161	2874
1765	2794	2805	2875
1766	280	2876	2877
1767	2796	2817	2878
1768	2800	2802	2879
1769	2802	2805	2880



1770	2804	2881	2882
1771	2805	2876	2883
1772	2881	2816	2886
1773	2876	2817	2888
1774	2817	2819	2890
1775	2819	2821	2891
1776	2805	2825	2892
1777	2876	283	2894
1778	2817	2827	2896
1779	10162	8554	2897
1780	8554	2825	2898
1781	2825	283	2900
1782	283	2827	2902
1783	2827	9043	2907
1784	9043	10163	2908
1785	2825	2836	2909
1786	283	2910	2913
1787	2827	2848	2914
1788	2831	2833	2915
1789	2833	2836	2916
1790	2835	2917	2918
1791	2836	2910	2923
1792	2917	2847	2925
1793	2910	2848	2927
1794	2848	2850	2928
1795	2850	2852	2929
1796	2836	2856	2931
1797	2910	285	2933
1798	2848	2858	2935
1799	2856	2862	2936
1800	285	286	2937
1801	2858	2864	2938
1802	10164	8557	2939
1803	8557	2862	2941
1804	2862	286	2943
1805	286	2864	2945
1806	2864	9048	2946
1807	9048	10165	2947
1808	2862	2873	2948
1809	286	2949	2950
1810	2864	2885	2951
1811	2868	2870	2952
1812	2870	2873	2953
1813	2872	2954	2955
1814	2873	2949	2956
1815	2954	2884	2957
1816	2949	2885	2958
1817	2885	2887	2959
1818	2887	2889	2960
1819	2873	2893	2961
1820	2949	289	2962
1821	2885	2895	2963
1822	10166	8558	2964
1823	8558	2893	2965
1824	2893	289	2966
1825	289	2895	2967
1826	2895	9226	2968
1827	9226	10168	2969
1828	2893	2906	2970
1829	289	2971	2972
1830	2895	2922	2973
1831	2899	2901	2974
1832	2901	2906	2975
1833	2905	2976	2977
1834	2906	2971	2978
1835	2976	2921	2979
1836	2971	2922	2980
1837	2922	2924	2981
1838	2924	2926	2982
1839	2906	2934	2983
1840	2971	292	2984
1841	2922	2940	2985
1842	2930	2932	2986
1843	2932	2934	2987
1844	2934	292	2988
1845	292	2940	2989
1846	2940	2942	2990
1847	2942	2944	2991
1848	73	2992	2993
1849	95	2994	2995
1850	120	2996	2997
1851	142	2998	2999
1852	167	3000	3001
1853	203	3002	3003
1854	246	3004	3005
1855	287	3006	3007
1856	320	3008	3009
1857	357	3010	3011
1858	389	3012	3013
1859	426	3014	3015
1860	459	3016	3017
1861	492	3018	3019
1862	529	3020	3021
1863	561	3022	3023
1864	598	3024	3025
1865	636	3026	3027
1866	669	3028	3029
1867	706	3030	3031
1868	739	3032	3033
1869	776	3034	3035
1870	810	3036	3037
1871	840	3038	3039
1872	879	3040	3041
1873	910	3042	3043
1874	950	3044	3045

1875	986	3046	3047
1876	1020	3048	3049
1877	1055	3050	3051
1878	1089	3052	3053
1879	1124	3054	3055
1880	1156	3056	3057
1881	1190	3058	3059
1882	1225	3060	3061
1883	1259	3062	3063
1884	1298	3064	3065
1885	1332	3066	3067
1886	1366	3068	3069
1887	1403	3070	3071
1888	1435	3072	3073
1889	1473	3074	3075
1890	1506	3076	3077
1891	1536	3078	3079
1892	1575	3080	3081
1893	1607	3082	3083
1894	1650	3084	3085
1895	1683	3086	3087
1896	1716	3088	3089
1897	1753	3090	3091
1898	1785	3092	3093
1899	1822	3094	3095
1900	1854	3096	3097
1901	1887	3098	3099
1902	1924	3100	3101
1903	1957	3102	3103
1904	2000	3104	3105
1905	2032	3106	3107
1906	2064	3108	3109
1907	2101	3110	3111
1908	2134	3112	3113
1909	2172	3114	3115
1910	2204	3116	3117
1911	2238	3118	3119
1912	2275	3120	3121
1913	2309	3122	3123
1914	2348	3124	3125
1915	2381	3126	3127
1916	2414	3128	3129
1917	2456	3130	3131
1918	2488	3132	3133
1919	2523	3134	3135
1920	2557	3136	3137
1921	2589	3138	3139
1922	2626	3140	3141
1923	2659	3142	3143
1924	2709	3144	3145
1925	2743	3146	3147
1926	2775	3148	3149
1927	2812	3150	3151
1928	2844	3152	3153
1929	2881	3154	3155
1930	2917	3156	3157
1931	2954	3158	3159
1932	2976	3160	3161

TOTAL NUMBER OF ELEMENTS = 2017  
LARGEST ELEMENT NUMBER = 2017  
LARGEST NODE NUMBER = 10628

DEFAULT SOLVER CHOSEN

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

NODE NO.	COORDINATE IN X-DIRECTION	COORDINATE IN Y-DIRECTION	COORDINATE IN Z-DIRECTION
	M	M	M
1	0.500000	2.12500	-2.50000
2	0.500000	2.12500	-2.50000
3	0.500000	5.62500	-2.50000
4	0.500000	5.62500	-2.50000
5	0.500000	9.12500	-2.50000
6	0.500000	9.12500	-2.50000
7	33.5470	2.12500	-2.50000
8	33.5470	2.12500	-2.50000
9	33.5470	5.62500	-2.50000
10	33.5470	5.62500	-2.50000
11	33.5470	9.12500	-2.50000
12	33.5470	9.12500	-2.50000
13	82.0570	2.12500	-2.50000
14	82.0570	2.12500	-2.50000
15	82.0570	5.62500	-2.50000
16	82.0570	5.62500	-2.50000
17	82.0570	9.12500	-2.50000
18	82.0570	9.12500	-2.50000
19	130.587	2.12500	-2.50000
20	130.587	2.12500	-2.50000
21	130.587	5.62500	-2.50000
22	130.587	5.62500	-2.50000
23	130.587	9.12500	-2.50000
24	130.587	9.12500	-2.50000
25	179.137	2.12500	-2.50000
26	179.137	2.12500	-2.50000
27	179.137	5.62500	-2.50000
28	179.137	5.62500	-2.50000

29	179.137	9.12500	-2.50000
30	179.137	9.12500	-2.50000
31	227.707	2.12500	-2.50000
32	227.707	2.12500	-2.50000
33	227.707	5.62500	-2.50000
34	227.707	5.62500	-2.50000
35	227.707	9.12500	-2.50000
36	227.707	9.12500	-2.50000
37	276.287	2.12500	-2.50000
38	276.287	2.12500	-2.50000
39	276.287	5.62500	-2.50000
40	276.287	5.62500	-2.50000
41	276.287	9.12500	-2.50000
42	276.287	9.12500	-2.50000
43	324.877	2.12500	-2.50000
44	324.877	2.12500	-2.50000
45	324.877	5.62500	-2.50000
46	324.877	5.62500	-2.50000
47	324.877	9.12500	-2.50000
48	324.877	9.12500	-2.50000
49	373.578	2.12500	-2.50000
50	373.578	2.12500	-2.50000
51	373.578	5.62500	-2.50000
52	373.578	5.62500	-2.50000
53	373.578	9.12500	-2.50000
54	373.578	9.12500	-2.50000
55	407.610	2.12500	-2.50000
56	407.610	2.12500	-2.50000
57	407.610	5.62500	-2.50000
58	407.610	5.62500	-2.50000
59	407.610	9.12500	-2.50000
60	407.610	9.12500	-2.50000
61	-1.00000	0.000000E+00	0.000000E+00
62	-1.00000	0.750000	0.000000E+00
63	-1.16667	2.12500	0.000000E+00
64	-1.16667	5.62500	0.000000E+00
65	-1.00000	9.12500	0.000000E+00
66	-1.00000	10.5000	0.000000E+00
67	0.000000E+00	3.12500	0.000000E+00
68	0.500000	5.62500	0.000000E+00
69	0.000000E+00	6.62500	0.000000E+00
70	0.000000E+00	10.1250	0.000000E+00
71	-0.500000	0.000000E+00	0.000000E+00
72	-0.500000	0.750000	0.000000E+00
73	0.500000	5.62500	-1.00000
74	-0.666667	2.12500	-1.00000
75	-0.666667	2.12500	0.000000E+00
76	-0.666667	5.62500	-1.00000
77	-0.666667	5.62500	0.000000E+00
78	-0.500000	9.12500	0.000000E+00
79	-0.500000	10.5000	0.000000E+00
80	0.500000	3.12500	0.000000E+00
81	0.500000	6.62500	0.000000E+00
82	0.500000	10.1250	0.000000E+00
83	1.86050	0.000000E+00	0.000000E+00
84	1.86050	0.750000	0.000000E+00
85	1.69383	2.12500	0.000000E+00
86	1.69383	5.62500	0.000000E+00
87	1.86050	9.12500	0.000000E+00
88	1.86050	10.5000	0.000000E+00
89	2.86050	3.12500	0.000000E+00
90	5.22100	5.62500	0.000000E+00
91	2.86050	6.62500	0.000000E+00
92	2.86050	10.1250	0.000000E+00
93	4.22100	0.000000E+00	0.000000E+00
94	4.22100	0.750000	0.000000E+00
95	5.22100	5.62500	-1.00000
96	4.05433	2.12500	-1.00000
97	4.05433	2.12500	0.000000E+00
98	4.05433	5.62500	-1.00000
99	4.05433	5.62500	0.000000E+00
100	4.22100	9.12500	0.000000E+00
101	4.22100	10.5000	0.000000E+00
102	5.22100	3.12500	0.000000E+00
103	5.22100	6.62500	0.000000E+00
104	5.22100	10.1250	0.000000E+00
105	7.54900	3.12500	0.000000E+00
106	7.54900	6.62500	0.000000E+00
107	7.54900	10.1250	0.000000E+00
108	6.58150	0.000000E+00	0.000000E+00
109	6.58150	0.750000	0.000000E+00
110	6.41483	2.12500	0.000000E+00
111	6.41483	5.62500	0.000000E+00
112	6.58150	9.12500	0.000000E+00
113	6.58150	10.5000	0.000000E+00
114	7.58150	3.12500	0.000000E+00
115	9.94200	5.62500	0.000000E+00
116	7.58150	6.62500	0.000000E+00
117	7.58150	10.1250	0.000000E+00
118	8.94200	0.000000E+00	0.000000E+00
119	8.94200	0.750000	0.000000E+00
120	9.94200	5.62500	-1.00000
121	8.77533	2.12500	-1.00000
122	8.77533	2.12500	0.000000E+00
123	8.77533	5.62500	-1.00000
124	8.77533	5.62500	0.000000E+00
125	8.94200	9.12500	0.000000E+00
126	8.94200	10.5000	0.000000E+00
127	9.94200	3.12500	0.000000E+00
128	9.94200	6.62500	0.000000E+00
129	9.94200	10.1250	0.000000E+00
130	11.3025	0.000000E+00	0.000000E+00
131	11.3025	0.750000	0.000000E+00
132	11.1358	2.12500	0.000000E+00
133	11.1358	5.62500	0.000000E+00

134	11.3025	9.12500	0.000000E+00
135	11.3025	10.5000	0.000000E+00
136	12.3025	3.12500	0.000000E+00
137	14.6630	5.62500	0.000000E+00
138	12.3025	6.62500	0.000000E+00
139	12.3025	10.1250	0.000000E+00
140	13.6630	0.000000E+00	0.000000E+00
141	13.6630	0.750000	0.000000E+00
142	14.6630	5.62500	-1.00000
143	13.4963	2.12500	-1.00000
144	13.4963	2.12500	0.000000E+00
145	13.4963	5.62500	-1.00000
146	13.4963	5.62500	0.000000E+00
147	13.6630	9.12500	0.000000E+00
148	13.6630	10.5000	0.000000E+00
149	14.6630	3.12500	0.000000E+00
150	14.6630	6.62500	0.000000E+00
151	14.6630	10.1250	0.000000E+00
152	16.0235	0.000000E+00	0.000000E+00
153	16.0235	0.750000	0.000000E+00
154	15.8568	2.12500	0.000000E+00
155	15.8568	5.62500	0.000000E+00
156	16.0235	9.12500	0.000000E+00
157	16.0235	10.5000	0.000000E+00
158	17.0235	3.12500	0.000000E+00
159	17.0235	6.62500	0.000000E+00
160	17.0235	10.1250	0.000000E+00
161	17.5480	3.12500	0.000000E+00
162	19.3840	5.62500	0.000000E+00
163	17.5480	6.62500	0.000000E+00
164	17.5480	10.1250	0.000000E+00
165	18.3840	0.000000E+00	0.000000E+00
166	18.3840	0.750000	0.000000E+00
167	19.3840	5.62500	-1.00000
168	18.2173	2.12500	-1.00000
169	18.2173	2.12500	0.000000E+00
170	18.2173	5.62500	-1.00000
171	239.852	5.62500	0.000000E+00
172	18.2173	5.62500	0.000000E+00
173	18.3840	9.12500	0.000000E+00
174	244.710	5.62500	0.000000E+00
175	245.987	5.62500	0.000000E+00
176	18.3840	10.5000	0.000000E+00
177	19.3840	3.12500	0.000000E+00
178	249.568	5.62500	0.000000E+00
179	19.3840	6.62500	0.000000E+00
180	19.3840	10.1250	0.000000E+00
181	254.426	5.62500	0.000000E+00
182	20.7445	0.000000E+00	0.000000E+00
183	20.7445	0.750000	0.000000E+00
184	258.007	5.62500	0.000000E+00
185	259.284	5.62500	0.000000E+00
186	20.5778	2.12500	0.000000E+00
187	20.5778	5.62500	0.000000E+00
188	264.142	5.62500	0.000000E+00
189	20.7445	9.12500	0.000000E+00
190	20.7445	10.5000	0.000000E+00
191	269.000	5.62500	0.000000E+00
192	270.278	5.62500	0.000000E+00
193	21.7445	3.12500	0.000000E+00
194	24.1050	5.62500	0.000000E+00
195	273.858	5.62500	0.000000E+00
196	21.7445	6.62500	0.000000E+00
197	21.7445	10.1250	0.000000E+00
198	278.717	5.62500	0.000000E+00
199	23.1050	0.000000E+00	0.000000E+00
200	23.1050	0.750000	0.000000E+00
201	282.298	5.62500	0.000000E+00
202	283.575	5.62500	0.000000E+00
203	24.1050	5.62500	-1.00000
204	22.9383	2.12500	-1.00000
205	288.434	5.62500	0.000000E+00
206	22.9383	2.12500	0.000000E+00
207	22.9383	5.62500	-1.00000
208	293.293	5.62500	0.000000E+00
209	294.571	5.62500	0.000000E+00
210	22.9383	5.62500	0.000000E+00
211	23.1050	9.12500	0.000000E+00
212	298.152	5.62500	0.000000E+00
213	23.1050	10.5000	0.000000E+00
214	24.1050	3.12500	0.000000E+00
215	303.012	5.62500	0.000000E+00
216	24.1050	6.62500	0.000000E+00
217	24.1050	10.1250	0.000000E+00
218	306.593	5.62500	0.000000E+00
219	307.870	5.62500	0.000000E+00
220	25.4655	0.000000E+00	0.000000E+00
221	25.4655	0.750000	0.000000E+00
222	312.730	5.62500	0.000000E+00
223	25.2988	2.12500	0.000000E+00
224	25.2988	5.62500	0.000000E+00
225	317.588	5.62500	0.000000E+00
226	318.866	5.62500	0.000000E+00
227	25.4655	9.12500	0.000000E+00
228	25.4655	10.5000	0.000000E+00
229	322.447	5.62500	0.000000E+00
230	26.4655	3.12500	0.000000E+00
231	26.4655	6.62500	0.000000E+00
232	327.306	5.62500	0.000000E+00
233	26.4655	10.1250	0.000000E+00
234	27.5470	3.12500	0.000000E+00
235	330.890	5.62500	0.000000E+00
236	332.165	5.62500	0.000000E+00
237	332.182	5.62500	0.000000E+00
238	28.8260	5.62500	0.000000E+00

239	27.5470	6.62500	0.000000E+00
240	337.024	5.62500	0.000000E+00
241	27.5470	10.1250	0.000000E+00
242	27.8260	0.000000E+00	0.000000E+00
243	341.883	5.62500	0.000000E+00
244	343.163	5.62500	0.000000E+00
245	27.8260	0.750000	0.000000E+00
246	28.8260	5.62500	-1.00000
247	346.743	5.62500	0.000000E+00
248	27.6593	2.12500	-1.00000
249	27.6593	2.12500	0.000000E+00
250	351.601	5.62500	0.000000E+00
251	27.6593	5.62500	-1.00000
252	27.6593	5.62500	0.000000E+00
253	355.186	5.62500	0.000000E+00
254	356.460	5.62500	0.000000E+00
255	27.8260	9.12500	0.000000E+00
256	27.8260	10.5000	0.000000E+00
257	361.320	5.62500	0.000000E+00
258	28.8260	3.12500	0.000000E+00
259	28.8260	6.62500	0.000000E+00
260	365.704	5.62500	0.000000E+00
261	366.236	5.62500	0.000000E+00
262	366.273	5.62500	0.000000E+00
263	367.574	5.62500	0.000000E+00
264	28.8260	10.1250	0.000000E+00
265	30.1865	0.000000E+00	0.000000E+00
266	371.150	5.62500	0.000000E+00
267	30.1865	0.750000	0.000000E+00
268	30.0198	2.12500	0.000000E+00
269	376.009	5.62500	0.000000E+00
270	30.0198	5.62500	0.000000E+00
271	30.1865	9.12500	0.000000E+00
272	379.584	5.62500	0.000000E+00
273	380.871	5.62500	0.000000E+00
274	30.1865	10.5000	0.000000E+00
275	31.1865	3.12500	0.000000E+00
276	385.732	5.62500	0.000000E+00
277	33.5470	5.62500	0.000000E+00
278	31.1865	6.62500	0.000000E+00
279	389.593	5.62500	0.000000E+00
280	390.594	5.62500	0.000000E+00
281	31.1865	10.1250	0.000000E+00
282	32.5470	0.000000E+00	0.000000E+00
283	395.456	5.62500	0.000000E+00
284	32.5470	0.750000	0.000000E+00
285	399.602	5.62500	0.000000E+00
286	400.317	5.62500	0.000000E+00
287	33.5470	5.62500	-1.00000
288	32.3803	2.12500	-1.00000
289	405.179	5.62500	0.000000E+00
290	32.3803	2.12500	0.000000E+00
291	32.3803	5.62500	-1.00000
292	408.110	5.62500	0.000000E+00
293	35.9725	9.12500	0.000000E+00
294	32.3803	5.62500	0.000000E+00
295	32.5470	9.12500	0.000000E+00
296	32.5470	10.5000	0.000000E+00
297	38.3980	0.000000E+00	0.000000E+00
298	33.5470	3.12500	0.000000E+00
299	38.3980	0.750000	0.000000E+00
300	33.5470	6.62500	0.000000E+00
301	38.3980	2.12500	-1.00000
302	38.3980	2.12500	0.000000E+00
303	33.5470	10.1250	0.000000E+00
304	34.9725	0.000000E+00	0.000000E+00
305	34.9725	0.750000	0.000000E+00
306	34.8058	2.12500	0.000000E+00
307	34.8058	5.62500	0.000000E+00
308	34.9725	9.12500	0.000000E+00
309	34.9725	10.5000	0.000000E+00
310	35.9725	3.12500	0.000000E+00
311	38.3980	5.62500	0.000000E+00
312	35.9725	6.62500	0.000000E+00
313	38.3980	9.12500	-1.00000
314	38.3980	9.12500	0.000000E+00
315	35.9725	10.1250	0.000000E+00
316	38.3980	10.5000	0.000000E+00
317	37.3980	0.000000E+00	0.000000E+00
318	38.3980	11.2500	0.000000E+00
319	37.3980	0.750000	0.000000E+00
320	38.3980	5.62500	-1.00000
321	37.2313	2.12500	-1.00000
322	39.5490	2.12500	0.000000E+00
323	37.2313	2.12500	0.000000E+00
324	39.5490	9.12500	0.000000E+00
325	37.2313	5.62500	-1.00000
326	37.2313	5.62500	0.000000E+00
327	37.3980	9.12500	0.000000E+00
328	40.8235	2.12500	0.000000E+00
329	37.3980	10.5000	0.000000E+00
330	40.8235	9.12500	0.000000E+00
331	38.3980	3.12500	0.000000E+00
332	38.3980	6.62500	0.000000E+00
333	38.3980	10.1250	0.000000E+00
334	43.2490	0.000000E+00	0.000000E+00
335	39.5490	3.12500	0.000000E+00
336	43.2490	0.750000	0.000000E+00
337	39.5490	6.62500	0.000000E+00
338	43.2490	2.12500	-1.00000
339	43.2490	2.12500	0.000000E+00
340	39.5490	10.1250	0.000000E+00
341	39.8235	0.000000E+00	0.000000E+00
342	39.8235	0.750000	0.000000E+00
343	39.6568	2.12500	0.000000E+00

344	39.6568	5.62500	0.000000E+00
345	39.8235	9.12500	0.000000E+00
346	39.8235	10.5000	0.000000E+00
347	40.8235	3.12500	0.000000E+00
348	43.2490	5.62500	0.000000E+00
349	40.8235	6.62500	0.000000E+00
350	43.2490	9.12500	-1.00000
351	43.2490	9.12500	0.000000E+00
352	40.8235	10.1250	0.000000E+00
353	43.2490	10.5000	0.000000E+00
354	42.2490	0.000000E+00	0.000000E+00
355	43.2490	11.2500	0.000000E+00
356	42.2490	0.750000	0.000000E+00
357	43.2490	5.62500	-1.00000
358	42.0823	2.12500	-1.00000
359	45.6745	2.12500	0.000000E+00
360	42.0823	2.12500	0.000000E+00
361	45.6745	9.12500	0.000000E+00
362	42.0823	5.62500	-1.00000
363	42.0823	5.62500	0.000000E+00
364	42.2490	9.12500	0.000000E+00
365	48.1000	0.000000E+00	0.000000E+00
366	42.2490	10.5000	0.000000E+00
367	48.1000	0.750000	0.000000E+00
368	43.2490	3.12500	0.000000E+00
369	48.1000	2.12500	-1.00000
370	48.1000	2.12500	0.000000E+00
371	43.2490	6.62500	0.000000E+00
372	43.2490	10.1250	0.000000E+00
373	44.6745	0.000000E+00	0.000000E+00
374	44.6745	0.750000	0.000000E+00
375	44.5078	2.12500	0.000000E+00
376	44.5078	5.62500	0.000000E+00
377	44.6745	9.12500	0.000000E+00
378	44.6745	10.5000	0.000000E+00
379	45.6745	3.12500	0.000000E+00
380	48.1000	5.62500	0.000000E+00
381	48.1000	9.12500	-1.00000
382	48.1000	9.12500	0.000000E+00
383	45.6745	6.62500	0.000000E+00
384	48.1000	10.5000	0.000000E+00
385	45.6745	10.1250	0.000000E+00
386	48.1000	11.2500	0.000000E+00
387	47.1000	0.000000E+00	0.000000E+00
388	47.1000	0.750000	0.000000E+00
389	48.1000	5.62500	-1.00000
390	50.5255	2.12500	0.000000E+00
391	46.9333	2.12500	-1.00000
392	50.5255	9.12500	0.000000E+00
393	46.9333	2.12500	0.000000E+00
394	46.9333	5.62500	-1.00000
395	46.9333	5.62500	0.000000E+00
396	51.8010	2.12500	0.000000E+00
397	47.1000	9.12500	0.000000E+00
398	51.8010	9.12500	0.000000E+00
399	47.1000	10.5000	0.000000E+00
400	48.1000	3.12500	0.000000E+00
401	48.1000	6.62500	0.000000E+00
402	52.9510	0.000000E+00	0.000000E+00
403	48.1000	10.1250	0.000000E+00
404	52.9510	0.750000	0.000000E+00
405	49.5255	0.000000E+00	0.000000E+00
406	52.9510	2.12500	-1.00000
407	52.9510	2.12500	0.000000E+00
408	49.5255	0.750000	0.000000E+00
409	49.3588	2.12500	0.000000E+00
410	49.3588	5.62500	0.000000E+00
411	49.5255	9.12500	0.000000E+00
412	49.5255	10.5000	0.000000E+00
413	50.5255	3.12500	0.000000E+00
414	50.5255	6.62500	0.000000E+00
415	50.5255	10.1250	0.000000E+00
416	51.8010	3.12500	0.000000E+00
417	52.9510	5.62500	0.000000E+00
418	52.9510	9.12500	-1.00000
419	52.9510	9.12500	0.000000E+00
420	51.8010	6.62500	0.000000E+00
421	52.9510	10.5000	0.000000E+00
422	51.8010	10.1250	0.000000E+00
423	52.9510	11.2500	0.000000E+00
424	51.9510	0.000000E+00	0.000000E+00
425	51.9510	0.750000	0.000000E+00
426	52.9510	5.62500	-1.00000
427	55.3765	2.12500	0.000000E+00
428	51.7843	2.12500	-1.00000
429	55.3765	9.12500	0.000000E+00
430	51.7843	2.12500	0.000000E+00
431	51.7843	5.62500	-1.00000
432	51.7843	5.62500	0.000000E+00
433	57.8020	0.000000E+00	0.000000E+00
434	51.9510	9.12500	0.000000E+00
435	57.8020	0.750000	0.000000E+00
436	51.9510	10.5000	0.000000E+00
437	57.8020	2.12500	-1.00000
438	57.8020	2.12500	0.000000E+00
439	52.9510	3.12500	0.000000E+00
440	52.9510	6.62500	0.000000E+00
441	52.9510	10.1250	0.000000E+00
442	54.3765	0.000000E+00	0.000000E+00
443	54.3765	0.750000	0.000000E+00
444	54.2098	2.12500	0.000000E+00
445	54.2098	5.62500	0.000000E+00
446	54.3765	9.12500	0.000000E+00
447	54.3765	10.5000	0.000000E+00
448	55.3765	3.12500	0.000000E+00

449	57.8020	9.12500	-1.00000
450	57.8020	9.12500	0.000000E+00
451	57.8020	5.62500	0.000000E+00
452	57.8020	10.5000	0.000000E+00
453	55.3765	6.62500	0.000000E+00
454	57.8020	11.2500	0.000000E+00
455	55.3765	10.1250	0.000000E+00
456	56.8020	0.000000E+00	0.000000E+00
457	56.8020	0.750000	0.000000E+00
458	60.2275	2.12500	0.000000E+00
459	57.8020	5.62500	-1.00000
460	60.2275	9.12500	0.000000E+00
461	56.6353	2.12500	-1.00000
462	56.6353	2.12500	0.000000E+00
463	56.6353	5.62500	-1.00000
464	62.6530	0.000000E+00	0.000000E+00
465	56.6353	5.62500	0.000000E+00
466	62.6530	0.750000	0.000000E+00
467	56.8020	9.12500	0.000000E+00
468	62.6530	2.12500	-1.00000
469	62.6530	2.12500	0.000000E+00
470	56.8020	10.5000	0.000000E+00
471	57.8020	3.12500	0.000000E+00
472	57.8020	6.62500	0.000000E+00
473	57.8020	10.1250	0.000000E+00
474	59.2275	0.000000E+00	0.000000E+00
475	59.2275	0.750000	0.000000E+00
476	59.0608	2.12500	0.000000E+00
477	59.0608	5.62500	0.000000E+00
478	59.2275	9.12500	0.000000E+00
479	59.2275	10.5000	0.000000E+00
480	62.6530	9.12500	-1.00000
481	62.6530	9.12500	0.000000E+00
482	60.2275	3.12500	0.000000E+00
483	62.6530	10.5000	0.000000E+00
484	62.6530	5.62500	0.000000E+00
485	62.6530	11.2500	0.000000E+00
486	60.2275	6.62500	0.000000E+00
487	60.2275	10.1250	0.000000E+00
488	61.6530	0.000000E+00	0.000000E+00
489	63.8030	2.12500	0.000000E+00
490	61.6530	0.750000	0.000000E+00
491	63.8030	9.12500	0.000000E+00
492	62.6530	5.62500	-1.00000
493	61.4863	2.12500	-1.00000
494	61.4863	2.12500	0.000000E+00
495	65.0785	2.12500	0.000000E+00
496	61.4863	5.62500	-1.00000
497	65.0785	9.12500	0.000000E+00
498	61.4863	5.62500	0.000000E+00
499	61.6530	9.12500	0.000000E+00
500	61.6530	10.5000	0.000000E+00
501	67.5040	0.000000E+00	0.000000E+00
502	62.6530	3.12500	0.000000E+00
503	67.5040	0.750000	0.000000E+00
504	62.6530	6.62500	0.000000E+00
505	67.5040	2.12500	-1.00000
506	67.5040	2.12500	0.000000E+00
507	62.6530	10.1250	0.000000E+00
508	63.8030	3.12500	0.000000E+00
509	63.8030	6.62500	0.000000E+00
510	63.8030	10.1250	0.000000E+00
511	64.0785	0.000000E+00	0.000000E+00
512	64.0785	0.750000	0.000000E+00
513	63.9118	2.12500	0.000000E+00
514	63.9118	5.62500	0.000000E+00
515	64.0785	9.12500	0.000000E+00
516	64.0785	10.5000	0.000000E+00
517	67.5040	9.12500	-1.00000
518	67.5040	9.12500	0.000000E+00
519	65.0785	3.12500	0.000000E+00
520	67.5040	10.5000	0.000000E+00
521	67.5040	5.62500	0.000000E+00
522	67.5040	11.2500	0.000000E+00
523	65.0785	6.62500	0.000000E+00
524	65.0785	10.1250	0.000000E+00
525	66.5040	0.000000E+00	0.000000E+00
526	69.9295	2.12500	0.000000E+00
527	66.5040	0.750000	0.000000E+00
528	69.9295	9.12500	0.000000E+00
529	67.5040	5.62500	-1.00000
530	66.3373	2.12500	-1.00000
531	66.3373	2.12500	0.000000E+00
532	72.3550	0.000000E+00	0.000000E+00
533	66.3373	5.62500	-1.00000
534	72.3550	0.750000	0.000000E+00
535	66.3373	5.62500	0.000000E+00
536	72.3550	2.12500	-1.00000
537	72.3550	2.12500	0.000000E+00
538	66.5040	9.12500	0.000000E+00
539	66.5040	10.5000	0.000000E+00
540	67.5040	3.12500	0.000000E+00
541	67.5040	6.62500	0.000000E+00
542	67.5040	10.1250	0.000000E+00
543	68.9295	0.000000E+00	0.000000E+00
544	68.9295	0.750000	0.000000E+00
545	68.7628	2.12500	0.000000E+00
546	68.7628	5.62500	0.000000E+00
547	68.9295	9.12500	0.000000E+00
548	72.3550	9.12500	-1.00000
549	72.3550	9.12500	0.000000E+00
550	68.9295	10.5000	0.000000E+00
551	72.3550	10.5000	0.000000E+00
552	69.9295	3.12500	0.000000E+00
553	72.3550	11.2500	0.000000E+00

554	72.3550	5.62500	0.000000E+00
555	69.9295	6.62500	0.000000E+00
556	69.9295	10.1250	0.000000E+00
557	74.7805	2.12500	0.000000E+00
558	71.3550	0.000000E+00	0.000000E+00
559	74.7805	9.12500	0.000000E+00
560	71.3550	0.750000	0.000000E+00
561	72.3550	5.62500	-1.00000
562	71.1883	2.12500	-1.00000
563	76.0550	2.12500	0.000000E+00
564	71.1883	2.12500	0.000000E+00
565	76.0550	9.12500	0.000000E+00
566	71.1883	5.62500	-1.00000
567	71.1883	5.62500	0.000000E+00
568	71.3550	9.12500	0.000000E+00
569	77.2060	0.000000E+00	0.000000E+00
570	71.3550	10.5000	0.000000E+00
571	77.2060	0.750000	0.000000E+00
572	72.3550	3.12500	0.000000E+00
573	77.2060	2.12500	-1.00000
574	77.2060	2.12500	0.000000E+00
575	72.3550	6.62500	0.000000E+00
576	72.3550	10.1250	0.000000E+00
577	73.7805	0.000000E+00	0.000000E+00
578	73.7805	0.750000	0.000000E+00
579	73.6138	2.12500	0.000000E+00
580	73.6138	5.62500	0.000000E+00
581	73.7805	9.12500	0.000000E+00
582	73.7805	10.5000	0.000000E+00
583	74.7805	3.12500	0.000000E+00
584	74.7805	6.62500	0.000000E+00
585	77.2060	9.12500	-1.00000
586	77.2060	9.12500	0.000000E+00
587	74.7805	10.1250	0.000000E+00
588	77.2060	10.5000	0.000000E+00
589	76.0550	3.12500	0.000000E+00
590	77.2060	11.2500	0.000000E+00
591	77.2060	5.62500	0.000000E+00
592	76.0550	6.62500	0.000000E+00
593	76.0550	10.1250	0.000000E+00
594	79.6315	2.12500	0.000000E+00
595	76.2060	0.000000E+00	0.000000E+00
596	79.6315	9.12500	0.000000E+00
597	76.2060	0.750000	0.000000E+00
598	77.2060	5.62500	-1.00000
599	76.0393	2.12500	-1.00000
600	82.0570	0.000000E+00	0.000000E+00
601	76.0393	2.12500	0.000000E+00
602	82.0570	0.750000	0.000000E+00
603	76.0393	5.62500	-1.00000
604	1.50000	2.12500	-2.50000
605	0.500000	3.12500	-2.50000
606	82.0570	2.12500	-1.00000
607	82.0570	2.12500	0.000000E+00
608	76.0393	5.62500	0.000000E+00
609	76.2060	9.12500	0.000000E+00
610	76.2060	10.5000	0.000000E+00
611	77.2060	3.12500	0.000000E+00
612	1.50000	9.12500	-2.50000
613	0.500000	10.1250	-2.50000
614	77.2060	6.62500	0.000000E+00
615	77.2060	10.1250	0.000000E+00
616	78.6315	0.000000E+00	0.000000E+00
617	78.6315	0.750000	0.000000E+00
618	78.4648	2.12500	0.000000E+00
619	78.4648	5.62500	0.000000E+00
620	34.5470	2.12500	-2.50000
621	33.5470	3.12500	-2.50000
622	82.0570	9.12500	-1.00000
623	82.0570	9.12500	0.000000E+00
624	78.6315	9.12500	0.000000E+00
625	82.0570	10.5000	0.000000E+00
626	78.6315	10.5000	0.000000E+00
627	82.0570	11.2500	0.000000E+00
628	79.6315	3.12500	0.000000E+00
629	82.0570	5.62500	0.000000E+00
630	79.6315	6.62500	0.000000E+00
631	84.4835	2.12500	0.000000E+00
632	79.6315	10.1250	0.000000E+00
633	84.4835	9.12500	0.000000E+00
634	81.0570	0.000000E+00	0.000000E+00
635	81.0570	0.750000	0.000000E+00
636	82.0570	5.62500	-1.00000
637	86.9100	0.000000E+00	0.000000E+00
638	80.8903	2.12500	-1.00000
639	86.9100	0.750000	0.000000E+00
640	80.8903	2.12500	0.000000E+00
641	86.9100	2.12500	-1.00000
642	86.9100	2.12500	0.000000E+00
643	80.8903	5.62500	-1.00000
644	80.8903	5.62500	0.000000E+00
645	81.0570	9.12500	0.000000E+00
646	81.0570	10.5000	0.000000E+00
647	82.0570	3.12500	0.000000E+00
648	82.0570	6.62500	0.000000E+00
649	82.0570	10.1250	0.000000E+00
650	83.4835	0.000000E+00	0.000000E+00
651	83.4835	0.750000	0.000000E+00
652	83.3168	2.12500	0.000000E+00
653	86.9100	9.12500	-1.00000
654	86.9100	9.12500	0.000000E+00
655	83.3168	5.62500	0.000000E+00
656	86.9100	10.5000	0.000000E+00
657	83.4835	9.12500	0.000000E+00
658	86.9100	11.2500	0.000000E+00



659	83.4835	10.5000	0.000000E+00
660	84.4835	3.12500	0.000000E+00
661	86.9100	5.62500	0.000000E+00
662	88.0610	2.12500	0.000000E+00
663	84.4835	6.62500	0.000000E+00
664	88.0610	9.12500	0.000000E+00
665	84.4835	10.1250	0.000000E+00
666	85.9100	0.000000E+00	0.000000E+00
667	85.9100	0.750000	0.000000E+00
668	89.3365	2.12500	0.000000E+00
669	86.9100	5.62500	-1.00000
670	89.3365	9.12500	0.000000E+00
671	85.7433	2.12500	-1.00000
672	85.7433	2.12500	0.000000E+00
673	85.7433	5.62500	-1.00000
674	91.7630	0.000000E+00	0.000000E+00
675	85.7433	5.62500	0.000000E+00
676	91.7630	0.750000	0.000000E+00
677	85.9100	9.12500	0.000000E+00
678	91.7630	2.12500	-1.00000
679	91.7630	2.12500	0.000000E+00
680	85.9100	10.5000	0.000000E+00
681	86.9100	3.12500	0.000000E+00
682	86.9100	6.62500	0.000000E+00
683	86.9100	10.1250	0.000000E+00
684	88.0610	3.12500	0.000000E+00
685	88.0610	6.62500	0.000000E+00
686	88.0610	10.1250	0.000000E+00
687	88.3365	0.000000E+00	0.000000E+00
688	88.3365	0.750000	0.000000E+00
689	88.1698	2.12500	0.000000E+00
690	91.7630	9.12500	-1.00000
691	91.7630	9.12500	0.000000E+00
692	88.1698	5.62500	0.000000E+00
693	91.7630	10.5000	0.000000E+00
694	88.3365	9.12500	0.000000E+00
695	91.7630	11.2500	0.000000E+00
696	88.3365	10.5000	0.000000E+00
697	89.3365	3.12500	0.000000E+00
698	91.7630	5.62500	0.000000E+00
699	94.1895	2.12500	0.000000E+00
700	89.3365	6.62500	0.000000E+00
701	94.1895	9.12500	0.000000E+00
702	89.3365	10.1250	0.000000E+00
703	90.7630	0.000000E+00	0.000000E+00
704	90.7630	0.750000	0.000000E+00
705	96.6160	0.000000E+00	0.000000E+00
706	91.7630	5.62500	-1.00000
707	96.6160	0.750000	0.000000E+00
708	90.5963	2.12500	-1.00000
709	96.6160	2.12500	-1.00000
710	96.6160	2.12500	0.000000E+00
711	90.5963	2.12500	0.000000E+00
712	90.5963	5.62500	-1.00000
713	90.5963	5.62500	0.000000E+00
714	90.7630	9.12500	0.000000E+00
715	90.7630	10.5000	0.000000E+00
716	91.7630	3.12500	0.000000E+00
717	91.7630	6.62500	0.000000E+00
718	91.7630	10.1250	0.000000E+00
719	93.1895	0.000000E+00	0.000000E+00
720	93.1895	0.750000	0.000000E+00
721	96.6160	9.12500	-1.00000
722	96.6160	9.12500	0.000000E+00
723	93.0228	2.12500	0.000000E+00
724	96.6160	10.5000	0.000000E+00
725	93.0228	5.62500	0.000000E+00
726	96.6160	11.2500	0.000000E+00
727	93.1895	9.12500	0.000000E+00
728	93.1895	10.5000	0.000000E+00
729	94.1895	3.12500	0.000000E+00
730	99.0425	2.12500	0.000000E+00
731	96.6160	5.62500	0.000000E+00
732	99.0425	9.12500	0.000000E+00
733	94.1895	6.62500	0.000000E+00
734	94.1895	10.1250	0.000000E+00
735	95.6160	0.000000E+00	0.000000E+00
736	100.318	2.12500	0.000000E+00
737	95.6160	0.750000	0.000000E+00
738	100.318	9.12500	0.000000E+00
739	96.6160	5.62500	-1.00000
740	95.4493	2.12500	-1.00000
741	95.4493	2.12500	0.000000E+00
742	101.469	0.000000E+00	0.000000E+00
743	95.4493	5.62500	-1.00000
744	101.469	0.750000	0.000000E+00
745	95.4493	5.62500	0.000000E+00
746	101.469	2.12500	-1.00000
747	101.469	2.12500	0.000000E+00
748	95.6160	9.12500	0.000000E+00
749	95.6160	10.5000	0.000000E+00
750	96.6160	3.12500	0.000000E+00
751	96.6160	6.62500	0.000000E+00
752	96.6160	10.1250	0.000000E+00
753	98.0425	0.000000E+00	0.000000E+00
754	98.0425	0.750000	0.000000E+00
755	97.8758	2.12500	0.000000E+00
756	97.8758	5.62500	0.000000E+00
757	98.0425	9.12500	0.000000E+00
758	101.469	9.12500	-1.00000
759	101.469	9.12500	0.000000E+00
760	98.0425	10.5000	0.000000E+00
761	101.469	10.5000	0.000000E+00
762	99.0425	3.12500	0.000000E+00
763	101.469	11.2500	0.000000E+00

764	99.0425	6.62500	0.000000E+00
765	99.0425	10.1250	0.000000E+00
766	100.318	3.12500	0.000000E+00
767	103.896	2.12500	0.000000E+00
768	101.469	5.62500	0.000000E+00
769	103.896	9.12500	0.000000E+00
770	100.318	6.62500	0.000000E+00
771	100.318	10.1250	0.000000E+00
772	100.469	0.000000E+00	0.000000E+00
773	106.322	0.000000E+00	0.000000E+00
774	100.469	0.750000	0.000000E+00
775	106.322	0.750000	0.000000E+00
776	101.469	5.62500	-1.00000
777	106.322	2.12500	-1.00000
778	106.322	2.12500	0.000000E+00
779	100.302	2.12500	-1.00000
780	100.302	2.12500	0.000000E+00
781	100.302	5.62500	-1.00000
782	100.302	5.62500	0.000000E+00
783	100.469	9.12500	0.000000E+00
784	100.469	10.5000	0.000000E+00
785	101.469	3.12500	0.000000E+00
786	101.469	6.62500	0.000000E+00
787	101.469	10.1250	0.000000E+00
788	102.896	0.000000E+00	0.000000E+00
789	106.322	9.12500	-1.00000
790	106.322	9.12500	0.000000E+00
791	102.896	0.750000	0.000000E+00
792	106.322	10.5000	0.000000E+00
793	102.729	2.12500	0.000000E+00
794	106.322	11.2500	0.000000E+00
795	102.729	5.62500	0.000000E+00
796	102.896	9.12500	0.000000E+00
797	102.896	10.5000	0.000000E+00
798	108.749	2.12500	0.000000E+00
799	103.896	3.12500	0.000000E+00
800	108.749	9.12500	0.000000E+00
801	106.322	5.62500	0.000000E+00
802	103.896	6.62500	0.000000E+00
803	103.896	10.1250	0.000000E+00
804	111.175	0.000000E+00	0.000000E+00
805	105.322	0.000000E+00	0.000000E+00
806	111.175	0.750000	0.000000E+00
807	105.322	0.750000	0.000000E+00
808	111.175	2.12500	-1.00000
809	111.175	2.12500	0.000000E+00
810	106.322	5.62500	-1.00000
811	105.155	2.12500	-1.00000
812	105.155	2.12500	0.000000E+00
813	105.155	5.62500	-1.00000
814	105.155	5.62500	0.000000E+00
815	105.322	9.12500	0.000000E+00
816	105.322	10.5000	0.000000E+00
817	106.322	3.12500	0.000000E+00
818	106.322	6.62500	0.000000E+00
819	106.322	10.1250	0.000000E+00
820	111.175	9.12500	-1.00000
821	111.175	9.12500	0.000000E+00
822	107.749	0.000000E+00	0.000000E+00
823	111.175	10.5000	0.000000E+00
824	107.749	0.750000	0.000000E+00
825	111.175	11.2500	0.000000E+00
826	107.582	2.12500	0.000000E+00
827	107.582	5.62500	0.000000E+00
828	107.749	9.12500	0.000000E+00
829	112.325	2.12500	0.000000E+00
830	107.749	10.5000	0.000000E+00
831	112.325	9.12500	0.000000E+00
832	108.749	3.12500	0.000000E+00
833	111.175	5.62500	0.000000E+00
834	108.749	6.62500	0.000000E+00
835	113.602	2.12500	0.000000E+00
836	108.749	10.1250	0.000000E+00
837	113.602	9.12500	0.000000E+00
838	110.175	0.000000E+00	0.000000E+00
839	110.175	0.750000	0.000000E+00
840	111.175	5.62500	-1.00000
841	116.028	0.000000E+00	0.000000E+00
842	110.008	2.12500	-1.00000
843	116.028	0.750000	0.000000E+00
844	110.008	2.12500	0.000000E+00
845	116.028	2.12500	-1.00000
846	116.028	2.12500	0.000000E+00
847	110.008	5.62500	-1.00000
848	110.008	5.62500	0.000000E+00
849	110.175	9.12500	0.000000E+00
850	110.175	10.5000	0.000000E+00
851	111.175	3.12500	0.000000E+00
852	111.175	6.62500	0.000000E+00
853	111.175	10.1250	0.000000E+00
854	112.325	3.12500	0.000000E+00
855	112.325	6.62500	0.000000E+00
856	112.325	10.1250	0.000000E+00
857	116.028	9.12500	-1.00000
858	116.028	9.12500	0.000000E+00
859	112.602	0.000000E+00	0.000000E+00
860	116.028	10.5000	0.000000E+00
861	112.602	0.750000	0.000000E+00
862	116.028	11.2500	0.000000E+00
863	112.435	2.12500	0.000000E+00
864	112.435	5.62500	0.000000E+00
865	112.602	9.12500	0.000000E+00
866	118.455	2.12500	0.000000E+00
867	112.602	10.5000	0.000000E+00
868	118.455	9.12500	0.000000E+00

869	113.602	3.12500	0.000000E+00
870	116.028	5.62500	0.000000E+00
871	113.602	6.62500	0.000000E+00
872	120.881	0.000000E+00	0.000000E+00
873	113.602	10.12500	0.000000E+00
874	120.881	0.750000	0.000000E+00
875	115.028	0.000000E+00	0.000000E+00
876	120.881	2.12500	-1.000000
877	120.881	2.12500	0.000000E+00
878	115.028	0.750000	0.000000E+00
879	116.028	5.62500	-1.000000
880	114.861	2.12500	-1.000000
881	114.861	2.12500	0.000000E+00
882	114.861	5.62500	-1.000000
883	114.861	5.62500	0.000000E+00
884	115.028	9.12500	0.000000E+00
885	115.028	10.50000	0.000000E+00
886	116.028	3.12500	0.000000E+00
887	116.028	6.62500	0.000000E+00
888	120.881	9.12500	-1.000000
889	120.881	9.12500	0.000000E+00
890	116.028	10.12500	0.000000E+00
891	120.881	10.50000	0.000000E+00
892	117.455	0.000000E+00	0.000000E+00
893	120.881	11.25000	0.000000E+00
894	117.455	0.750000	0.000000E+00
895	117.288	2.12500	0.000000E+00
896	117.288	5.62500	0.000000E+00
897	123.307	2.12500	0.000000E+00
898	117.455	9.12500	0.000000E+00
899	123.307	9.12500	0.000000E+00
900	117.455	10.50000	0.000000E+00
901	118.455	3.12500	0.000000E+00
902	120.881	5.62500	0.000000E+00
903	124.582	2.12500	0.000000E+00
904	118.455	6.62500	0.000000E+00
905	124.582	9.12500	0.000000E+00
906	118.455	10.12500	0.000000E+00
907	119.881	0.000000E+00	0.000000E+00
908	119.881	0.750000	0.000000E+00
909	125.734	0.000000E+00	0.000000E+00
910	120.881	5.62500	-1.000000
911	125.734	0.750000	0.000000E+00
912	119.714	2.12500	-1.000000
913	125.734	2.12500	-1.000000
914	125.734	2.12500	0.000000E+00
915	119.714	2.12500	0.000000E+00
916	119.714	5.62500	-1.000000
917	119.714	5.62500	0.000000E+00
918	119.881	9.12500	0.000000E+00
919	119.881	10.50000	0.000000E+00
920	120.881	3.12500	0.000000E+00
921	120.881	6.62500	0.000000E+00
922	120.881	10.12500	0.000000E+00
923	122.307	0.000000E+00	0.000000E+00
924	122.307	0.750000	0.000000E+00
925	125.734	9.12500	-1.000000
926	125.734	9.12500	0.000000E+00
927	122.141	2.12500	0.000000E+00
928	125.734	10.50000	0.000000E+00
929	122.141	5.62500	0.000000E+00
930	125.734	11.25000	0.000000E+00
931	122.307	9.12500	0.000000E+00
932	122.307	10.50000	0.000000E+00
933	123.307	3.12500	0.000000E+00
934	128.160	2.12500	0.000000E+00
935	123.307	6.62500	0.000000E+00
936	128.160	9.12500	0.000000E+00
937	123.307	10.12500	0.000000E+00
938	124.582	3.12500	0.000000E+00
939	125.734	5.62500	0.000000E+00
940	130.587	0.000000E+00	0.000000E+00
941	124.582	6.62500	0.000000E+00
942	130.587	0.750000	0.000000E+00
943	124.582	10.12500	0.000000E+00
944	34.5470	9.12500	-2.500000
945	33.5470	10.12500	-2.500000
946	130.587	2.12500	-1.000000
947	130.587	2.12500	0.000000E+00
948	124.734	0.000000E+00	0.000000E+00
949	124.734	0.750000	0.000000E+00
950	125.734	5.62500	-1.000000
951	124.567	2.12500	-1.000000
952	83.0570	2.12500	-2.500000
953	82.0570	3.12500	-2.500000
954	124.567	2.12500	0.000000E+00
955	124.567	5.62500	-1.000000
956	124.567	5.62500	0.000000E+00
957	124.734	9.12500	0.000000E+00
958	124.734	10.50000	0.000000E+00
959	125.734	3.12500	0.000000E+00
960	83.0570	9.12500	-2.500000
961	82.0570	10.12500	-2.500000
962	130.587	9.12500	-1.000000
963	130.587	9.12500	0.000000E+00
964	125.734	6.62500	0.000000E+00
965	130.587	10.50000	0.000000E+00
966	125.734	10.12500	0.000000E+00
967	130.587	11.25000	0.000000E+00
968	127.160	0.000000E+00	0.000000E+00
969	127.160	0.750000	0.000000E+00
970	126.994	2.12500	0.000000E+00
971	133.015	2.12500	0.000000E+00
972	126.994	5.62500	0.000000E+00
973	133.015	9.12500	0.000000E+00

974	127.160	9.12500	0.000000E+00
975	127.160	10.5000	0.000000E+00
976	128.160	3.12500	0.000000E+00
977	135.442	0.000000E+00	0.000000E+00
978	130.587	5.62500	0.000000E+00
979	135.442	0.750000	0.000000E+00
980	128.160	6.62500	0.000000E+00
981	135.442	2.12500	-1.00000
982	135.442	2.12500	0.000000E+00
983	128.160	10.1250	0.000000E+00
984	129.587	0.000000E+00	0.000000E+00
985	129.587	0.750000	0.000000E+00
986	130.587	5.62500	-1.00000
987	129.420	2.12500	-1.00000
988	129.420	2.12500	0.000000E+00
989	129.420	5.62500	-1.00000
990	129.420	5.62500	0.000000E+00
991	129.587	9.12500	0.000000E+00
992	129.587	10.5000	0.000000E+00
993	135.442	9.12500	-1.00000
994	135.442	9.12500	0.000000E+00
995	130.587	3.12500	0.000000E+00
996	135.442	10.5000	0.000000E+00
997	130.587	6.62500	0.000000E+00
998	135.442	11.2500	0.000000E+00
999	130.587	10.1250	0.000000E+00
1000	132.014	0.000000E+00	0.000000E+00
1001	132.014	0.750000	0.000000E+00
1002	136.594	2.12500	0.000000E+00
1003	131.848	2.12500	0.000000E+00
1004	136.594	9.12500	0.000000E+00
1005	131.848	5.62500	0.000000E+00
1006	132.014	9.12500	0.000000E+00
1007	132.014	10.5000	0.000000E+00
1008	137.869	2.12500	0.000000E+00
1009	133.015	3.12500	0.000000E+00
1010	137.869	9.12500	0.000000E+00
1011	135.442	5.62500	0.000000E+00
1012	133.015	6.62500	0.000000E+00
1013	133.015	10.1250	0.000000E+00
1014	140.297	0.000000E+00	0.000000E+00
1015	134.442	0.000000E+00	0.000000E+00
1016	140.297	0.750000	0.000000E+00
1017	134.442	0.750000	0.000000E+00
1018	140.297	2.12500	-1.00000
1019	140.297	2.12500	0.000000E+00
1020	135.442	5.62500	-1.00000
1021	134.275	2.12500	-1.00000
1022	134.275	2.12500	0.000000E+00
1023	134.275	5.62500	-1.00000
1024	134.275	5.62500	0.000000E+00
1025	134.442	9.12500	0.000000E+00
1026	134.442	10.5000	0.000000E+00
1027	135.442	3.12500	0.000000E+00
1028	135.442	6.62500	0.000000E+00
1029	135.442	10.1250	0.000000E+00
1030	140.297	9.12500	-1.00000
1031	140.297	9.12500	0.000000E+00
1032	136.594	3.12500	0.000000E+00
1033	140.297	10.5000	0.000000E+00
1034	136.594	6.62500	0.000000E+00
1035	140.297	11.2500	0.000000E+00
1036	136.594	10.1250	0.000000E+00
1037	136.869	0.000000E+00	0.000000E+00
1038	136.869	0.750000	0.000000E+00
1039	142.724	2.12500	0.000000E+00
1040	136.703	2.12500	0.000000E+00
1041	142.724	9.12500	0.000000E+00
1042	136.703	5.62500	0.000000E+00
1043	136.869	9.12500	0.000000E+00
1044	136.869	10.5000	0.000000E+00
1045	145.152	0.000000E+00	0.000000E+00
1046	137.869	3.12500	0.000000E+00
1047	145.152	0.750000	0.000000E+00
1048	140.297	5.62500	0.000000E+00
1049	145.152	2.12500	-1.00000
1050	145.152	2.12500	0.000000E+00
1051	137.869	6.62500	0.000000E+00
1052	137.869	10.1250	0.000000E+00
1053	139.297	0.000000E+00	0.000000E+00
1054	139.297	0.750000	0.000000E+00
1055	140.297	5.62500	-1.00000
1056	139.130	2.12500	-1.00000
1057	139.130	2.12500	0.000000E+00
1058	139.130	5.62500	-1.00000
1059	139.130	5.62500	0.000000E+00
1060	139.297	9.12500	0.000000E+00
1061	145.152	9.12500	-1.00000
1062	145.152	9.12500	0.000000E+00
1063	139.297	10.5000	0.000000E+00
1064	145.152	10.5000	0.000000E+00
1065	140.297	3.12500	0.000000E+00
1066	145.152	11.2500	0.000000E+00
1067	140.297	6.62500	0.000000E+00
1068	140.297	10.1250	0.000000E+00
1069	141.724	0.000000E+00	0.000000E+00
1070	147.579	2.12500	0.000000E+00
1071	141.724	0.750000	0.000000E+00
1072	147.579	9.12500	0.000000E+00
1073	141.558	2.12500	0.000000E+00
1074	141.558	5.62500	0.000000E+00
1075	141.724	9.12500	0.000000E+00
1076	148.856	2.12500	0.000000E+00
1077	141.724	10.5000	0.000000E+00
1078	148.856	9.12500	0.000000E+00

1079	142.724	3.12500	0.000000E+00
1080	145.152	5.62500	0.000000E+00
1081	142.724	6.62500	0.000000E+00
1082	150.007	0.000000E+00	0.000000E+00
1083	142.724	10.12500	0.000000E+00
1084	150.007	0.750000	0.000000E+00
1085	144.152	0.000000E+00	0.000000E+00
1086	150.007	2.12500	-1.000000
1087	150.007	2.12500	0.000000E+00
1088	144.152	0.750000	0.000000E+00
1089	145.152	5.62500	-1.000000
1090	143.985	2.12500	-1.000000
1091	143.985	2.12500	0.000000E+00
1092	143.985	5.62500	-1.000000
1093	143.985	5.62500	0.000000E+00
1094	144.152	9.12500	0.000000E+00
1095	144.152	10.50000	0.000000E+00
1096	145.152	3.12500	0.000000E+00
1097	145.152	6.62500	0.000000E+00
1098	150.007	9.12500	-1.000000
1099	150.007	9.12500	0.000000E+00
1100	145.152	10.12500	0.000000E+00
1101	150.007	10.50000	0.000000E+00
1102	146.579	0.000000E+00	0.000000E+00
1103	150.007	11.25000	0.000000E+00
1104	146.579	0.750000	0.000000E+00
1105	146.413	2.12500	0.000000E+00
1106	146.413	5.62500	0.000000E+00
1107	152.435	2.12500	0.000000E+00
1108	146.579	9.12500	0.000000E+00
1109	152.435	9.12500	0.000000E+00
1110	146.579	10.50000	0.000000E+00
1111	147.579	3.12500	0.000000E+00
1112	147.579	6.62500	0.000000E+00
1113	154.862	0.000000E+00	0.000000E+00
1114	147.579	10.12500	0.000000E+00
1115	154.862	0.750000	0.000000E+00
1116	148.856	3.12500	0.000000E+00
1117	154.862	2.12500	-1.000000
1118	154.862	2.12500	0.000000E+00
1119	150.007	5.62500	0.000000E+00
1120	148.856	6.62500	0.000000E+00
1121	148.856	10.12500	0.000000E+00
1122	149.007	0.000000E+00	0.000000E+00
1123	149.007	0.750000	0.000000E+00
1124	150.007	5.62500	-1.000000
1125	148.840	2.12500	-1.000000
1126	148.840	2.12500	0.000000E+00
1127	148.840	5.62500	-1.000000
1128	148.840	5.62500	0.000000E+00
1129	154.862	9.12500	-1.000000
1130	154.862	9.12500	0.000000E+00
1131	149.007	9.12500	0.000000E+00
1132	154.862	10.50000	0.000000E+00
1133	149.007	10.50000	0.000000E+00
1134	154.862	11.25000	0.000000E+00
1135	150.007	3.12500	0.000000E+00
1136	150.007	6.62500	0.000000E+00
1137	150.007	10.12500	0.000000E+00
1138	157.290	2.12500	0.000000E+00
1139	151.435	0.000000E+00	0.000000E+00
1140	157.290	9.12500	0.000000E+00
1141	151.435	0.750000	0.000000E+00
1142	151.268	2.12500	0.000000E+00
1143	151.268	5.62500	0.000000E+00
1144	159.717	0.000000E+00	0.000000E+00
1145	151.435	9.12500	0.000000E+00
1146	159.717	0.750000	0.000000E+00
1147	151.435	10.50000	0.000000E+00
1148	159.717	2.12500	-1.000000
1149	159.717	2.12500	0.000000E+00
1150	152.435	3.12500	0.000000E+00
1151	154.862	5.62500	0.000000E+00
1152	152.435	6.62500	0.000000E+00
1153	152.435	10.12500	0.000000E+00
1154	153.862	0.000000E+00	0.000000E+00
1155	153.862	0.750000	0.000000E+00
1156	154.862	5.62500	-1.000000
1157	153.695	2.12500	-1.000000
1158	153.695	2.12500	0.000000E+00
1159	153.695	5.62500	-1.000000
1160	159.717	9.12500	-1.000000
1161	159.717	9.12500	0.000000E+00
1162	153.695	5.62500	0.000000E+00
1163	159.717	10.50000	0.000000E+00
1164	153.862	9.12500	0.000000E+00
1165	159.717	11.25000	0.000000E+00
1166	153.862	10.50000	0.000000E+00
1167	154.862	3.12500	0.000000E+00
1168	154.862	6.62500	0.000000E+00
1169	160.868	2.12500	0.000000E+00
1170	154.862	10.12500	0.000000E+00
1171	160.868	9.12500	0.000000E+00
1172	156.290	0.000000E+00	0.000000E+00
1173	156.290	0.750000	0.000000E+00
1174	156.123	2.12500	0.000000E+00
1175	162.144	2.12500	0.000000E+00
1176	156.123	5.62500	0.000000E+00
1177	162.144	9.12500	0.000000E+00
1178	156.290	9.12500	0.000000E+00
1179	156.290	10.50000	0.000000E+00
1180	157.290	3.12500	0.000000E+00
1181	164.572	0.000000E+00	0.000000E+00
1182	159.717	5.62500	0.000000E+00
1183	164.572	0.750000	0.000000E+00

1184	157.290	6.62500	0.000000E+00
1185	164.572	2.12500	-1.00000
1186	164.572	2.12500	0.000000E+00
1187	157.290	10.1250	0.000000E+00
1188	158.717	0.000000E+00	0.000000E+00
1189	158.717	0.750000	0.000000E+00
1190	159.717	5.62500	-1.00000
1191	158.550	2.12500	-1.00000
1192	158.550	2.12500	0.000000E+00
1193	158.550	5.62500	-1.00000
1194	158.550	5.62500	0.000000E+00
1195	158.717	9.12500	0.000000E+00
1196	158.717	10.5000	0.000000E+00
1197	164.572	9.12500	-1.00000
1198	164.572	9.12500	0.000000E+00
1199	159.717	3.12500	0.000000E+00
1200	164.572	10.5000	0.000000E+00
1201	159.717	6.62500	0.000000E+00
1202	164.572	11.2500	0.000000E+00
1203	159.717	10.1250	0.000000E+00
1204	160.868	3.12500	0.000000E+00
1205	160.868	6.62500	0.000000E+00
1206	166.999	2.12500	0.000000E+00
1207	160.868	10.1250	0.000000E+00
1208	166.999	9.12500	0.000000E+00
1209	161.144	0.000000E+00	0.000000E+00
1210	161.144	0.750000	0.000000E+00
1211	160.978	2.12500	0.000000E+00
1212	169.427	0.000000E+00	0.000000E+00
1213	160.978	5.62500	0.000000E+00
1214	169.427	0.750000	0.000000E+00
1215	161.144	9.12500	0.000000E+00
1216	169.427	2.12500	-1.00000
1217	169.427	2.12500	0.000000E+00
1218	161.144	10.5000	0.000000E+00
1219	162.144	3.12500	0.000000E+00
1220	164.572	5.62500	0.000000E+00
1221	162.144	6.62500	0.000000E+00
1222	162.144	10.1250	0.000000E+00
1223	163.572	0.000000E+00	0.000000E+00
1224	163.572	0.750000	0.000000E+00
1225	164.572	5.62500	-1.00000
1226	163.405	2.12500	-1.00000
1227	163.405	2.12500	0.000000E+00
1228	169.427	9.12500	-1.00000
1229	169.427	9.12500	0.000000E+00
1230	163.405	5.62500	-1.00000
1231	169.427	10.5000	0.000000E+00
1232	163.405	5.62500	0.000000E+00
1233	169.427	11.2500	0.000000E+00
1234	163.572	9.12500	0.000000E+00
1235	163.572	10.5000	0.000000E+00
1236	164.572	3.12500	0.000000E+00
1237	171.855	2.12500	0.000000E+00
1238	164.572	6.62500	0.000000E+00
1239	171.855	9.12500	0.000000E+00
1240	164.572	10.1250	0.000000E+00
1241	165.999	0.000000E+00	0.000000E+00
1242	165.999	0.750000	0.000000E+00
1243	173.130	2.12500	0.000000E+00
1244	165.833	2.12500	0.000000E+00
1245	173.130	9.12500	0.000000E+00
1246	165.833	5.62500	0.000000E+00
1247	165.999	9.12500	0.000000E+00
1248	165.999	10.5000	0.000000E+00
1249	174.282	0.000000E+00	0.000000E+00
1250	166.999	3.12500	0.000000E+00
1251	174.282	0.750000	0.000000E+00
1252	169.427	5.62500	0.000000E+00
1253	174.282	2.12500	-1.00000
1254	174.282	2.12500	0.000000E+00
1255	166.999	6.62500	0.000000E+00
1256	166.999	10.1250	0.000000E+00
1257	168.427	0.000000E+00	0.000000E+00
1258	168.427	0.750000	0.000000E+00
1259	169.427	5.62500	-1.00000
1260	168.260	2.12500	-1.00000
1261	168.260	2.12500	0.000000E+00
1262	168.260	5.62500	-1.00000
1263	168.260	5.62500	0.000000E+00
1264	168.427	9.12500	0.000000E+00
1265	174.282	9.12500	-1.00000
1266	174.282	9.12500	0.000000E+00
1267	168.427	10.5000	0.000000E+00
1268	174.282	10.5000	0.000000E+00
1269	169.427	3.12500	0.000000E+00
1270	174.282	11.2500	0.000000E+00
1271	169.427	6.62500	0.000000E+00
1272	169.427	10.1250	0.000000E+00
1273	170.855	0.000000E+00	0.000000E+00
1274	176.710	2.12500	0.000000E+00
1275	170.855	0.750000	0.000000E+00
1276	176.710	9.12500	0.000000E+00
1277	170.688	2.12500	0.000000E+00
1278	170.688	5.62500	0.000000E+00
1279	170.855	9.12500	0.000000E+00
1280	179.137	0.000000E+00	0.000000E+00
1281	170.855	10.5000	0.000000E+00
1282	179.137	0.750000	0.000000E+00
1283	171.855	3.12500	0.000000E+00
1284	131.587	2.12500	-2.50000
1285	130.587	3.12500	-2.50000
1286	179.137	2.12500	-1.00000
1287	179.137	2.12500	0.000000E+00
1288	171.855	6.62500	0.000000E+00

1289	171.855	10.1250	0.000000E+00
1290	173.130	3.12500	0.000000E+00
1291	174.282	5.62500	0.000000E+00
1292	131.587	9.12500	-2.50000
1293	130.587	10.1250	-2.50000
1294	173.130	6.62500	0.000000E+00
1295	173.130	10.1250	0.000000E+00
1296	173.282	0.000000E+00	0.000000E+00
1297	173.282	0.750000	0.000000E+00
1298	174.282	5.62500	-1.00000
1299	173.115	2.12500	-1.00000
1300	180.137	2.12500	-2.50000
1301	179.137	3.12500	-2.50000
1302	179.137	9.12500	-1.00000
1303	179.137	9.12500	0.000000E+00
1304	173.115	2.12500	0.000000E+00
1305	179.137	10.5000	0.000000E+00
1306	173.115	5.62500	-1.00000
1307	179.137	11.2500	0.000000E+00
1308	173.115	5.62500	0.000000E+00
1309	173.282	9.12500	0.000000E+00
1310	173.282	10.5000	0.000000E+00
1311	181.566	2.12500	0.000000E+00
1312	174.282	3.12500	0.000000E+00
1313	181.566	9.12500	0.000000E+00
1314	174.282	6.62500	0.000000E+00
1315	174.282	10.1250	0.000000E+00
1316	175.710	0.000000E+00	0.000000E+00
1317	183.994	0.000000E+00	0.000000E+00
1318	175.710	0.750000	0.000000E+00
1319	183.994	0.750000	0.000000E+00
1320	175.543	2.12500	0.000000E+00
1321	183.994	2.12500	-1.00000
1322	183.994	2.12500	0.000000E+00
1323	175.543	5.62500	0.000000E+00
1324	175.710	9.12500	0.000000E+00
1325	175.710	10.5000	0.000000E+00
1326	176.710	3.12500	0.000000E+00
1327	179.137	5.62500	0.000000E+00
1328	176.710	6.62500	0.000000E+00
1329	176.710	10.1250	0.000000E+00
1330	178.137	0.000000E+00	0.000000E+00
1331	178.137	0.750000	0.000000E+00
1332	179.137	5.62500	-1.00000
1333	183.994	9.12500	-1.00000
1334	183.994	9.12500	0.000000E+00
1335	177.970	2.12500	-1.00000
1336	183.994	10.5000	0.000000E+00
1337	177.970	2.12500	0.000000E+00
1338	183.994	11.2500	0.000000E+00
1339	177.970	5.62500	-1.00000
1340	177.970	5.62500	0.000000E+00
1341	178.137	9.12500	0.000000E+00
1342	185.147	2.12500	0.000000E+00
1343	178.137	10.5000	0.000000E+00
1344	185.147	9.12500	0.000000E+00
1345	179.137	3.12500	0.000000E+00
1346	179.137	6.62500	0.000000E+00
1347	179.137	10.1250	0.000000E+00
1348	186.423	2.12500	0.000000E+00
1349	180.566	0.000000E+00	0.000000E+00
1350	186.423	9.12500	0.000000E+00
1351	180.566	0.750000	0.000000E+00
1352	180.399	2.12500	0.000000E+00
1353	180.399	5.62500	0.000000E+00
1354	188.851	0.000000E+00	0.000000E+00
1355	180.566	9.12500	0.000000E+00
1356	188.851	0.750000	0.000000E+00
1357	180.566	10.5000	0.000000E+00
1358	188.851	2.12500	-1.00000
1359	188.851	2.12500	0.000000E+00
1360	181.566	3.12500	0.000000E+00
1361	183.994	5.62500	0.000000E+00
1362	181.566	6.62500	0.000000E+00
1363	181.566	10.1250	0.000000E+00
1364	182.994	0.000000E+00	0.000000E+00
1365	182.994	0.750000	0.000000E+00
1366	183.994	5.62500	-1.00000
1367	182.827	2.12500	-1.00000
1368	182.827	2.12500	0.000000E+00
1369	182.827	5.62500	-1.00000
1370	188.851	9.12500	-1.00000
1371	188.851	9.12500	0.000000E+00
1372	182.827	5.62500	0.000000E+00
1373	188.851	10.5000	0.000000E+00
1374	182.994	9.12500	0.000000E+00
1375	188.851	11.2500	0.000000E+00
1376	182.994	10.5000	0.000000E+00
1377	183.994	3.12500	0.000000E+00
1378	183.994	6.62500	0.000000E+00
1379	191.279	2.12500	0.000000E+00
1380	183.994	10.1250	0.000000E+00
1381	191.279	9.12500	0.000000E+00
1382	185.147	3.12500	0.000000E+00
1383	185.147	6.62500	0.000000E+00
1384	185.147	10.1250	0.000000E+00
1385	193.708	0.000000E+00	0.000000E+00
1386	185.423	0.000000E+00	0.000000E+00
1387	193.708	0.750000	0.000000E+00
1388	185.423	0.750000	0.000000E+00
1389	193.708	2.12500	-1.00000
1390	193.708	2.12500	0.000000E+00
1391	185.256	2.12500	0.000000E+00
1392	185.256	5.62500	0.000000E+00
1393	185.423	9.12500	0.000000E+00

1394	185.423	10.5000	0.000000E+00
1395	186.423	3.12500	0.000000E+00
1396	188.851	5.62500	0.000000E+00
1397	186.423	6.62500	0.000000E+00
1398	186.423	10.1250	0.000000E+00
1399	187.851	0.000000E+00	0.000000E+00
1400	187.851	0.750000	0.000000E+00
1401	193.708	9.12500	-1.00000
1402	193.708	9.12500	0.000000E+00
1403	188.851	5.62500	-1.00000
1404	193.708	10.5000	0.000000E+00
1405	187.684	2.12500	-1.00000
1406	193.708	11.2500	0.000000E+00
1407	187.684	2.12500	0.000000E+00
1408	187.684	5.62500	-1.00000
1409	187.684	5.62500	0.000000E+00
1410	196.136	2.12500	0.000000E+00
1411	187.851	9.12500	0.000000E+00
1412	196.136	9.12500	0.000000E+00
1413	187.851	10.5000	0.000000E+00
1414	188.851	3.12500	0.000000E+00
1415	188.851	6.62500	0.000000E+00
1416	197.414	2.12500	0.000000E+00
1417	188.851	10.1250	0.000000E+00
1418	197.414	9.12500	0.000000E+00
1419	190.279	0.000000E+00	0.000000E+00
1420	190.279	0.750000	0.000000E+00
1421	190.113	2.12500	0.000000E+00
1422	198.565	0.000000E+00	0.000000E+00
1423	190.113	5.62500	0.000000E+00
1424	198.565	0.750000	0.000000E+00
1425	190.279	9.12500	0.000000E+00
1426	198.565	2.12500	-1.00000
1427	198.565	2.12500	0.000000E+00
1428	190.279	10.5000	0.000000E+00
1429	191.279	3.12500	0.000000E+00
1430	193.708	5.62500	0.000000E+00
1431	191.279	6.62500	0.000000E+00
1432	191.279	10.1250	0.000000E+00
1433	192.708	0.000000E+00	0.000000E+00
1434	192.708	0.750000	0.000000E+00
1435	193.708	5.62500	-1.00000
1436	192.541	2.12500	-1.00000
1437	192.541	2.12500	0.000000E+00
1438	198.565	9.12500	-1.00000
1439	198.565	9.12500	0.000000E+00
1440	192.541	5.62500	-1.00000
1441	198.565	10.5000	0.000000E+00
1442	192.541	5.62500	0.000000E+00
1443	198.565	11.2500	0.000000E+00
1444	192.708	9.12500	0.000000E+00
1445	192.708	10.5000	0.000000E+00
1446	193.708	3.12500	0.000000E+00
1447	200.994	2.12500	0.000000E+00
1448	193.708	6.62500	0.000000E+00
1449	200.994	9.12500	0.000000E+00
1450	193.708	10.1250	0.000000E+00
1451	195.136	0.000000E+00	0.000000E+00
1452	195.136	0.750000	0.000000E+00
1453	203.422	0.000000E+00	0.000000E+00
1454	194.970	2.12500	0.000000E+00
1455	203.422	0.750000	0.000000E+00
1456	194.970	5.62500	0.000000E+00
1457	203.422	2.12500	-1.00000
1458	203.422	2.12500	0.000000E+00
1459	195.136	9.12500	0.000000E+00
1460	195.136	10.5000	0.000000E+00
1461	196.136	3.12500	0.000000E+00
1462	196.136	6.62500	0.000000E+00
1463	196.136	10.1250	0.000000E+00
1464	197.414	3.12500	0.000000E+00
1465	198.565	5.62500	0.000000E+00
1466	197.414	6.62500	0.000000E+00
1467	197.414	10.1250	0.000000E+00
1468	197.565	0.000000E+00	0.000000E+00
1469	203.422	9.12500	-1.00000
1470	203.422	9.12500	0.000000E+00
1471	197.565	0.750000	0.000000E+00
1472	203.422	10.5000	0.000000E+00
1473	198.565	5.62500	-1.00000
1474	203.422	11.2500	0.000000E+00
1475	197.398	2.12500	-1.00000
1476	197.398	2.12500	0.000000E+00
1477	197.398	5.62500	-1.00000
1478	205.850	2.12500	0.000000E+00
1479	197.398	5.62500	0.000000E+00
1480	205.850	9.12500	0.000000E+00
1481	197.565	9.12500	0.000000E+00
1482	197.565	10.5000	0.000000E+00
1483	198.565	3.12500	0.000000E+00
1484	208.279	0.000000E+00	0.000000E+00
1485	198.565	6.62500	0.000000E+00
1486	208.279	0.750000	0.000000E+00
1487	198.565	10.1250	0.000000E+00
1488	208.279	2.12500	-1.00000
1489	208.279	2.12500	0.000000E+00
1490	199.993	0.000000E+00	0.000000E+00
1491	199.993	0.750000	0.000000E+00
1492	199.827	2.12500	0.000000E+00
1493	199.827	5.62500	0.000000E+00
1494	199.993	9.12500	0.000000E+00
1495	199.993	10.5000	0.000000E+00
1496	200.994	3.12500	0.000000E+00
1497	203.422	5.62500	0.000000E+00
1498	200.994	6.62500	0.000000E+00



1499	200.994	10.1250	0.000000E+00
1500	208.279	9.12500	-1.00000
1501	208.279	9.12500	0.000000E+00
1502	202.422	0.000000E+00	0.000000E+00
1503	208.279	10.5000	0.000000E+00
1504	202.422	0.750000	0.000000E+00
1505	208.279	11.2500	0.000000E+00
1506	203.422	5.62500	-1.00000
1507	202.255	2.12500	-1.00000
1508	202.255	2.12500	0.000000E+00
1509	209.430	2.12500	0.000000E+00
1510	202.255	5.62500	-1.00000
1511	209.430	9.12500	0.000000E+00
1512	202.255	5.62500	0.000000E+00
1513	202.422	9.12500	0.000000E+00
1514	202.422	10.5000	0.000000E+00
1515	210.708	2.12500	0.000000E+00
1516	203.422	3.12500	0.000000E+00
1517	210.708	9.12500	0.000000E+00
1518	203.422	6.62500	0.000000E+00
1519	203.422	10.1250	0.000000E+00
1520	204.851	0.000000E+00	0.000000E+00
1521	213.136	0.000000E+00	0.000000E+00
1522	204.851	0.750000	0.000000E+00
1523	213.136	0.750000	0.000000E+00
1524	204.684	2.12500	0.000000E+00
1525	213.136	2.12500	-1.00000
1526	213.136	2.12500	0.000000E+00
1527	204.684	5.62500	0.000000E+00
1528	204.851	9.12500	0.000000E+00
1529	204.851	10.5000	0.000000E+00
1530	205.850	3.12500	0.000000E+00
1531	208.279	5.62500	0.000000E+00
1532	205.850	6.62500	0.000000E+00
1533	205.850	10.1250	0.000000E+00
1534	207.279	0.000000E+00	0.000000E+00
1535	207.279	0.750000	0.000000E+00
1536	208.279	5.62500	-1.00000
1537	213.136	9.12500	-1.00000
1538	213.136	9.12500	0.000000E+00
1539	207.112	2.12500	-1.00000
1540	213.136	10.5000	0.000000E+00
1541	207.112	2.12500	0.000000E+00
1542	213.136	11.2500	0.000000E+00
1543	207.112	5.62500	-1.00000
1544	207.112	5.62500	0.000000E+00
1545	207.279	9.12500	0.000000E+00
1546	215.564	2.12500	0.000000E+00
1547	207.279	10.5000	0.000000E+00
1548	215.564	9.12500	0.000000E+00
1549	208.279	3.12500	0.000000E+00
1550	208.279	6.62500	0.000000E+00
1551	208.279	10.1250	0.000000E+00
1552	217.993	0.000000E+00	0.000000E+00
1553	209.430	3.12500	0.000000E+00
1554	217.993	0.750000	0.000000E+00
1555	209.430	6.62500	0.000000E+00
1556	217.993	2.12500	-1.00000
1557	217.993	2.12500	0.000000E+00
1558	209.430	10.1250	0.000000E+00
1559	209.707	0.000000E+00	0.000000E+00
1560	209.707	0.750000	0.000000E+00
1561	209.541	2.12500	0.000000E+00
1562	209.541	5.62500	0.000000E+00
1563	209.707	9.12500	0.000000E+00
1564	209.707	10.5000	0.000000E+00
1565	210.708	3.12500	0.000000E+00
1566	213.136	5.62500	0.000000E+00
1567	210.708	6.62500	0.000000E+00
1568	217.993	9.12500	-1.00000
1569	217.993	9.12500	0.000000E+00
1570	210.708	10.1250	0.000000E+00
1571	217.993	10.5000	0.000000E+00
1572	212.136	0.000000E+00	0.000000E+00
1573	217.993	11.2500	0.000000E+00
1574	212.136	0.750000	0.000000E+00
1575	213.136	5.62500	-1.00000
1576	211.969	2.12500	-1.00000
1577	220.422	2.12500	0.000000E+00
1578	211.969	2.12500	0.000000E+00
1579	220.422	9.12500	0.000000E+00
1580	211.969	5.62500	-1.00000
1581	211.969	5.62500	0.000000E+00
1582	212.136	9.12500	0.000000E+00
1583	221.697	2.12500	0.000000E+00
1584	212.136	10.5000	0.000000E+00
1585	221.697	9.12500	0.000000E+00
1586	213.136	3.12500	0.000000E+00
1587	213.136	6.62500	0.000000E+00
1588	213.136	10.1250	0.000000E+00
1589	222.850	0.000000E+00	0.000000E+00
1590	214.564	0.000000E+00	0.000000E+00
1591	222.850	0.750000	0.000000E+00
1592	214.564	0.750000	0.000000E+00
1593	222.850	2.12500	-1.00000
1594	222.850	2.12500	0.000000E+00
1595	214.398	2.12500	0.000000E+00
1596	214.398	5.62500	0.000000E+00
1597	214.564	9.12500	0.000000E+00
1598	214.564	10.5000	0.000000E+00
1599	215.564	3.12500	0.000000E+00
1600	217.993	5.62500	0.000000E+00
1601	215.564	6.62500	0.000000E+00
1602	215.564	10.1250	0.000000E+00
1603	216.993	0.000000E+00	0.000000E+00

1604	216.993	0.750000	0.000000E+00
1605	222.850	9.12500	-1.00000
1606	222.850	9.12500	0.000000E+00
1607	217.993	5.62500	-1.00000
1608	222.850	10.5000	0.000000E+00
1609	216.826	2.12500	-1.00000
1610	222.850	11.2500	0.000000E+00
1611	216.826	2.12500	0.000000E+00
1612	216.826	5.62500	-1.00000
1613	216.826	5.62500	0.000000E+00
1614	225.278	2.12500	0.000000E+00
1615	216.993	9.12500	0.000000E+00
1616	225.278	9.12500	0.000000E+00
1617	216.993	10.5000	0.000000E+00
1618	217.993	3.12500	0.000000E+00
1619	217.993	6.62500	0.000000E+00
1620	227.707	0.000000E+00	0.000000E+00
1621	217.993	10.1250	0.000000E+00
1622	227.707	0.750000	0.000000E+00
1623	219.421	0.000000E+00	0.000000E+00
1624	180.137	9.12500	-2.50000
1625	179.137	10.1250	-2.50000
1626	227.707	2.12500	-1.00000
1627	227.707	2.12500	0.000000E+00
1628	219.421	0.750000	0.000000E+00
1629	219.255	2.12500	0.000000E+00
1630	219.255	5.62500	0.000000E+00
1631	219.421	9.12500	0.000000E+00
1632	228.707	2.12500	-2.50000
1633	227.707	3.12500	-2.50000
1634	219.421	10.5000	0.000000E+00
1635	220.422	3.12500	0.000000E+00
1636	220.422	6.62500	0.000000E+00
1637	220.422	10.1250	0.000000E+00
1638	221.697	3.12500	0.000000E+00
1639	222.850	5.62500	0.000000E+00
1640	228.707	9.12500	-2.50000
1641	227.707	10.1250	-2.50000
1642	227.707	9.12500	-1.00000
1643	227.707	9.12500	0.000000E+00
1644	221.697	6.62500	0.000000E+00
1645	227.707	10.5000	0.000000E+00
1646	221.697	10.1250	0.000000E+00
1647	227.707	11.2500	0.000000E+00
1648	221.850	0.000000E+00	0.000000E+00
1649	221.850	0.750000	0.000000E+00
1650	222.850	5.62500	-1.00000
1651	230.136	2.12500	0.000000E+00
1652	221.683	2.12500	-1.00000
1653	230.136	9.12500	0.000000E+00
1654	221.683	2.12500	0.000000E+00
1655	221.683	5.62500	-1.00000
1656	221.683	5.62500	0.000000E+00
1657	232.565	0.000000E+00	0.000000E+00
1658	221.850	9.12500	0.000000E+00
1659	232.565	0.750000	0.000000E+00
1660	221.850	10.5000	0.000000E+00
1661	232.565	2.12500	-1.00000
1662	232.565	2.12500	0.000000E+00
1663	222.850	3.12500	0.000000E+00
1664	222.850	6.62500	0.000000E+00
1665	222.850	10.1250	0.000000E+00
1666	224.279	0.000000E+00	0.000000E+00
1667	224.279	0.750000	0.000000E+00
1668	224.112	2.12500	0.000000E+00
1669	224.112	5.62500	0.000000E+00
1670	224.279	9.12500	0.000000E+00
1671	224.279	10.5000	0.000000E+00
1672	225.278	3.12500	0.000000E+00
1673	232.565	9.12500	-1.00000
1674	232.565	9.12500	0.000000E+00
1675	227.707	5.62500	0.000000E+00
1676	232.565	10.5000	0.000000E+00
1677	225.278	6.62500	0.000000E+00
1678	232.565	11.2500	0.000000E+00
1679	225.278	10.1250	0.000000E+00
1680	226.707	0.000000E+00	0.000000E+00
1681	226.707	0.750000	0.000000E+00
1682	233.716	2.12500	0.000000E+00
1683	227.707	5.62500	-1.00000
1684	233.716	9.12500	0.000000E+00
1685	226.540	2.12500	-1.00000
1686	226.540	2.12500	0.000000E+00
1687	226.540	5.62500	-1.00000
1688	234.994	2.12500	0.000000E+00
1689	226.540	5.62500	0.000000E+00
1690	234.994	9.12500	0.000000E+00
1691	226.707	9.12500	0.000000E+00
1692	226.707	10.5000	0.000000E+00
1693	227.707	3.12500	0.000000E+00
1694	237.423	0.000000E+00	0.000000E+00
1695	227.707	6.62500	0.000000E+00
1696	237.423	0.750000	0.000000E+00
1697	227.707	10.1250	0.000000E+00
1698	237.423	2.12500	-1.00000
1699	237.423	2.12500	0.000000E+00
1700	229.136	0.000000E+00	0.000000E+00
1701	229.136	0.750000	0.000000E+00
1702	228.969	2.12500	0.000000E+00
1703	228.969	5.62500	0.000000E+00
1704	229.136	9.12500	0.000000E+00
1705	229.136	10.5000	0.000000E+00
1706	230.136	3.12500	0.000000E+00
1707	232.565	5.62500	0.000000E+00
1708	230.136	6.62500	0.000000E+00

1709	230.136	10.1250	0.000000E+00
1710	237.423	9.12500	-1.00000
1711	237.423	9.12500	0.000000E+00
1712	231.565	0.000000E+00	0.000000E+00
1713	237.423	10.5000	0.000000E+00
1714	231.565	0.750000	0.000000E+00
1715	237.423	11.2500	0.000000E+00
1716	232.565	5.62500	-1.00000
1717	231.398	2.12500	-1.00000
1718	231.398	2.12500	0.000000E+00
1719	239.852	2.12500	0.000000E+00
1720	231.398	5.62500	-1.00000
1721	239.852	9.12500	0.000000E+00
1722	231.398	5.62500	0.000000E+00
1723	231.565	9.12500	0.000000E+00
1724	231.565	10.5000	0.000000E+00
1725	242.281	0.000000E+00	0.000000E+00
1726	232.565	3.12500	0.000000E+00
1727	242.281	0.750000	0.000000E+00
1728	232.565	6.62500	0.000000E+00
1729	242.281	2.12500	-1.00000
1730	242.281	2.12500	0.000000E+00
1731	232.565	10.1250	0.000000E+00
1732	233.716	3.12500	0.000000E+00
1733	233.716	6.62500	0.000000E+00
1734	233.716	10.1250	0.000000E+00
1735	233.994	0.000000E+00	0.000000E+00
1736	233.994	0.750000	0.000000E+00
1737	233.827	2.12500	0.000000E+00
1738	233.827	5.62500	0.000000E+00
1739	233.994	9.12500	0.000000E+00
1740	233.994	10.5000	0.000000E+00
1741	242.281	9.12500	-1.00000
1742	242.281	9.12500	0.000000E+00
1743	234.994	3.12500	0.000000E+00
1744	242.281	10.5000	0.000000E+00
1745	237.423	5.62500	0.000000E+00
1746	242.281	11.2500	0.000000E+00
1747	234.994	6.62500	0.000000E+00
1748	234.994	10.1250	0.000000E+00
1749	236.423	0.000000E+00	0.000000E+00
1750	244.710	2.12500	0.000000E+00
1751	236.423	0.750000	0.000000E+00
1752	244.710	9.12500	0.000000E+00
1753	237.423	5.62500	-1.00000
1754	236.256	2.12500	-1.00000
1755	236.256	2.12500	0.000000E+00
1756	245.987	2.12500	0.000000E+00
1757	236.256	5.62500	-1.00000
1758	245.987	9.12500	0.000000E+00
1759	236.256	5.62500	0.000000E+00
1760	236.423	9.12500	0.000000E+00
1761	236.423	10.5000	0.000000E+00
1762	247.139	0.000000E+00	0.000000E+00
1763	237.423	3.12500	0.000000E+00
1764	247.139	0.750000	0.000000E+00
1765	237.423	6.62500	0.000000E+00
1766	247.139	2.12500	-1.00000
1767	247.139	2.12500	0.000000E+00
1768	237.423	10.1250	0.000000E+00
1769	238.852	0.000000E+00	0.000000E+00
1770	238.852	0.750000	0.000000E+00
1771	238.685	2.12500	0.000000E+00
1772	238.685	5.62500	0.000000E+00
1773	238.852	9.12500	0.000000E+00
1774	238.852	10.5000	0.000000E+00
1775	239.852	3.12500	0.000000E+00
1776	242.281	5.62500	0.000000E+00
1777	239.852	6.62500	0.000000E+00
1778	247.139	9.12500	-1.00000
1779	247.139	9.12500	0.000000E+00
1780	239.852	10.1250	0.000000E+00
1781	247.139	10.5000	0.000000E+00
1782	241.281	0.000000E+00	0.000000E+00
1783	247.139	11.2500	0.000000E+00
1784	241.281	0.750000	0.000000E+00
1785	242.281	5.62500	-1.00000
1786	241.114	2.12500	-1.00000
1787	249.568	2.12500	0.000000E+00
1788	241.114	2.12500	0.000000E+00
1789	249.568	9.12500	0.000000E+00
1790	241.114	5.62500	-1.00000
1791	241.114	5.62500	0.000000E+00
1792	241.281	9.12500	0.000000E+00
1793	251.997	0.000000E+00	0.000000E+00
1794	241.281	10.5000	0.000000E+00
1795	251.997	0.750000	0.000000E+00
1796	242.281	3.12500	0.000000E+00
1797	251.997	2.12500	-1.00000
1798	251.997	2.12500	0.000000E+00
1799	242.281	6.62500	0.000000E+00
1800	242.281	10.1250	0.000000E+00
1801	243.710	0.000000E+00	0.000000E+00
1802	243.710	0.750000	0.000000E+00
1803	243.543	2.12500	0.000000E+00
1804	243.543	5.62500	0.000000E+00
1805	243.710	9.12500	0.000000E+00
1806	243.710	10.5000	0.000000E+00
1807	244.710	3.12500	0.000000E+00
1808	244.710	6.62500	0.000000E+00
1809	251.997	9.12500	-1.00000
1810	251.997	9.12500	0.000000E+00
1811	244.710	10.1250	0.000000E+00
1812	251.997	10.5000	0.000000E+00
1813	245.987	3.12500	0.000000E+00

1814	251.997	11.2500	0.000000E+00
1815	247.139	5.62500	0.000000E+00
1816	245.987	6.62500	0.000000E+00
1817	245.987	10.1250	0.000000E+00
1818	254.426	2.12500	0.000000E+00
1819	246.139	0.000000E+00	0.000000E+00
1820	254.426	9.12500	0.000000E+00
1821	246.139	0.750000	0.000000E+00
1822	247.139	5.62500	-1.00000
1823	245.972	2.12500	-1.00000
1824	256.855	0.000000E+00	0.000000E+00
1825	245.972	2.12500	0.000000E+00
1826	256.855	0.750000	0.000000E+00
1827	245.972	5.62500	-1.00000
1828	256.855	2.12500	-1.00000
1829	256.855	2.12500	0.000000E+00
1830	245.972	5.62500	0.000000E+00
1831	246.139	9.12500	0.000000E+00
1832	246.139	10.5000	0.000000E+00
1833	247.139	3.12500	0.000000E+00
1834	247.139	6.62500	0.000000E+00
1835	247.139	10.1250	0.000000E+00
1836	248.568	0.000000E+00	0.000000E+00
1837	248.568	0.750000	0.000000E+00
1838	248.401	2.12500	0.000000E+00
1839	248.401	5.62500	0.000000E+00
1840	256.855	9.12500	-1.00000
1841	256.855	9.12500	0.000000E+00
1842	248.568	9.12500	0.000000E+00
1843	256.855	10.5000	0.000000E+00
1844	248.568	10.5000	0.000000E+00
1845	256.855	11.2500	0.000000E+00
1846	249.568	3.12500	0.000000E+00
1847	251.997	5.62500	0.000000E+00
1848	249.568	6.62500	0.000000E+00
1849	258.007	2.12500	0.000000E+00
1850	249.568	10.1250	0.000000E+00
1851	258.007	9.12500	0.000000E+00
1852	250.997	0.000000E+00	0.000000E+00
1853	250.997	0.750000	0.000000E+00
1854	251.997	5.62500	-1.00000
1855	259.284	2.12500	0.000000E+00
1856	250.830	2.12500	-1.00000
1857	259.284	9.12500	0.000000E+00
1858	250.830	2.12500	0.000000E+00
1859	250.830	5.62500	-1.00000
1860	250.830	5.62500	0.000000E+00
1861	261.713	0.000000E+00	0.000000E+00
1862	250.997	9.12500	0.000000E+00
1863	261.713	0.750000	0.000000E+00
1864	250.997	10.5000	0.000000E+00
1865	261.713	2.12500	-1.00000
1866	261.713	2.12500	0.000000E+00
1867	251.997	3.12500	0.000000E+00
1868	251.997	6.62500	0.000000E+00
1869	251.997	10.1250	0.000000E+00
1870	253.426	0.000000E+00	0.000000E+00
1871	253.426	0.750000	0.000000E+00
1872	253.259	2.12500	0.000000E+00
1873	253.259	5.62500	0.000000E+00
1874	253.426	9.12500	0.000000E+00
1875	253.426	10.5000	0.000000E+00
1876	254.426	3.12500	0.000000E+00
1877	261.713	9.12500	-1.00000
1878	261.713	9.12500	0.000000E+00
1879	256.855	5.62500	0.000000E+00
1880	261.713	10.5000	0.000000E+00
1881	254.426	6.62500	0.000000E+00
1882	261.713	11.2500	0.000000E+00
1883	254.426	10.1250	0.000000E+00
1884	255.855	0.000000E+00	0.000000E+00
1885	255.855	0.750000	0.000000E+00
1886	264.142	2.12500	0.000000E+00
1887	256.855	5.62500	-1.00000
1888	264.142	9.12500	0.000000E+00
1889	255.688	2.12500	-1.00000
1890	255.688	2.12500	0.000000E+00
1891	255.688	5.62500	-1.00000
1892	266.571	0.000000E+00	0.000000E+00
1893	255.688	5.62500	0.000000E+00
1894	266.571	0.750000	0.000000E+00
1895	255.855	9.12500	0.000000E+00
1896	266.571	2.12500	-1.00000
1897	266.571	2.12500	0.000000E+00
1898	255.855	10.5000	0.000000E+00
1899	256.855	3.12500	0.000000E+00
1900	256.855	6.62500	0.000000E+00
1901	256.855	10.1250	0.000000E+00
1902	258.007	3.12500	0.000000E+00
1903	258.007	6.62500	0.000000E+00
1904	258.007	10.1250	0.000000E+00
1905	258.284	0.000000E+00	0.000000E+00
1906	258.284	0.750000	0.000000E+00
1907	258.117	2.12500	0.000000E+00
1908	266.571	9.12500	-1.00000
1909	266.571	9.12500	0.000000E+00
1910	258.117	5.62500	0.000000E+00
1911	266.571	10.5000	0.000000E+00
1912	258.284	9.12500	0.000000E+00
1913	266.571	11.2500	0.000000E+00
1914	258.284	10.5000	0.000000E+00
1915	259.284	3.12500	0.000000E+00
1916	261.713	5.62500	0.000000E+00
1917	269.000	2.12500	0.000000E+00
1918	259.284	6.62500	0.000000E+00

1919	269.000	9.12500	0.000000E+00
1920	259.284	10.1250	0.000000E+00
1921	260.713	0.000000E+00	0.000000E+00
1922	260.713	0.750000	0.000000E+00
1923	270.278	2.12500	0.000000E+00
1924	261.713	5.62500	-1.00000
1925	270.278	9.12500	0.000000E+00
1926	260.546	2.12500	-1.00000
1927	260.546	2.12500	0.000000E+00
1928	260.546	5.62500	-1.00000
1929	271.429	0.000000E+00	0.000000E+00
1930	260.546	5.62500	0.000000E+00
1931	271.429	0.750000	0.000000E+00
1932	260.713	9.12500	0.000000E+00
1933	271.429	2.12500	-1.00000
1934	271.429	2.12500	0.000000E+00
1935	260.713	10.5000	0.000000E+00
1936	261.713	3.12500	0.000000E+00
1937	261.713	6.62500	0.000000E+00
1938	261.713	10.1250	0.000000E+00
1939	263.142	0.000000E+00	0.000000E+00
1940	263.142	0.750000	0.000000E+00
1941	262.975	2.12500	0.000000E+00
1942	262.975	5.62500	0.000000E+00
1943	263.142	9.12500	0.000000E+00
1944	263.142	10.5000	0.000000E+00
1945	271.429	9.12500	-1.00000
1946	271.429	9.12500	0.000000E+00
1947	264.142	3.12500	0.000000E+00
1948	271.429	10.5000	0.000000E+00
1949	266.571	5.62500	0.000000E+00
1950	271.429	11.2500	0.000000E+00
1951	264.142	6.62500	0.000000E+00
1952	264.142	10.1250	0.000000E+00
1953	265.571	0.000000E+00	0.000000E+00
1954	273.858	2.12500	0.000000E+00
1955	265.571	0.750000	0.000000E+00
1956	273.858	9.12500	0.000000E+00
1957	266.571	5.62500	-1.00000
1958	265.404	2.12500	-1.00000
1959	265.404	2.12500	0.000000E+00
1960	276.287	0.000000E+00	0.000000E+00
1961	265.404	5.62500	-1.00000
1962	276.287	0.750000	0.000000E+00
1963	265.404	5.62500	0.000000E+00
1964	277.287	2.12500	-2.50000
1965	276.287	3.12500	-2.50000
1966	276.287	2.12500	-1.00000
1967	276.287	2.12500	0.000000E+00
1968	265.571	9.12500	0.000000E+00
1969	265.571	10.5000	0.000000E+00
1970	266.571	3.12500	0.000000E+00
1971	266.571	6.62500	0.000000E+00
1972	277.287	9.12500	-2.50000
1973	276.287	10.1250	-2.50000
1974	266.571	10.1250	0.000000E+00
1975	268.000	0.000000E+00	0.000000E+00
1976	268.000	0.750000	0.000000E+00
1977	267.833	2.12500	0.000000E+00
1978	267.833	5.62500	0.000000E+00
1979	268.000	9.12500	0.000000E+00
1980	325.877	2.12500	-2.50000
1981	324.877	3.12500	-2.50000
1982	276.287	9.12500	-1.00000
1983	276.287	9.12500	0.000000E+00
1984	268.000	10.5000	0.000000E+00
1985	276.287	10.5000	0.000000E+00
1986	269.000	3.12500	0.000000E+00
1987	276.287	11.2500	0.000000E+00
1988	269.000	6.62500	0.000000E+00
1989	269.000	10.1250	0.000000E+00
1990	270.278	3.12500	0.000000E+00
1991	278.717	2.12500	0.000000E+00
1992	271.429	5.62500	0.000000E+00
1993	278.717	9.12500	0.000000E+00
1994	270.278	6.62500	0.000000E+00
1995	270.278	10.1250	0.000000E+00
1996	270.429	0.000000E+00	0.000000E+00
1997	281.146	0.000000E+00	0.000000E+00
1998	270.429	0.750000	0.000000E+00
1999	281.146	0.750000	0.000000E+00
2000	271.429	5.62500	-1.00000
2001	281.146	2.12500	-1.00000
2002	281.146	2.12500	0.000000E+00
2003	270.262	2.12500	-1.00000
2004	270.262	2.12500	0.000000E+00
2005	270.262	5.62500	-1.00000
2006	270.262	5.62500	0.000000E+00
2007	270.429	9.12500	0.000000E+00
2008	270.429	10.5000	0.000000E+00
2009	271.429	3.12500	0.000000E+00
2010	271.429	6.62500	0.000000E+00
2011	271.429	10.1250	0.000000E+00
2012	272.858	0.000000E+00	0.000000E+00
2013	281.146	9.12500	-1.00000
2014	281.146	9.12500	0.000000E+00
2015	272.858	0.750000	0.000000E+00
2016	281.146	10.5000	0.000000E+00
2017	272.691	2.12500	0.000000E+00
2018	281.146	11.2500	0.000000E+00
2019	272.691	5.62500	0.000000E+00
2020	272.858	9.12500	0.000000E+00
2021	272.858	10.5000	0.000000E+00
2022	282.298	2.12500	0.000000E+00
2023	273.858	3.12500	0.000000E+00

2024	282.298	9.12500	0.000000E+00
2025	276.287	5.62500	0.000000E+00
2026	273.858	6.62500	0.000000E+00
2027	273.858	10.1250	0.000000E+00
2028	283.575	2.12500	0.000000E+00
2029	275.287	0.000000E+00	0.000000E+00
2030	283.575	9.12500	0.000000E+00
2031	275.287	0.750000	0.000000E+00
2032	276.287	5.62500	-1.00000
2033	275.120	2.12500	-1.00000
2034	286.005	0.000000E+00	0.000000E+00
2035	275.120	2.12500	0.000000E+00
2036	286.005	0.750000	0.000000E+00
2037	275.120	5.62500	-1.00000
2038	286.005	2.12500	-1.00000
2039	286.005	2.12500	0.000000E+00
2040	275.120	5.62500	0.000000E+00
2041	275.287	9.12500	0.000000E+00
2042	275.287	10.5000	0.000000E+00
2043	276.287	3.12500	0.000000E+00
2044	276.287	6.62500	0.000000E+00
2045	276.287	10.1250	0.000000E+00
2046	277.716	0.000000E+00	0.000000E+00
2047	277.716	0.750000	0.000000E+00
2048	277.550	2.12500	0.000000E+00
2049	277.550	5.62500	0.000000E+00
2050	286.005	9.12500	-1.00000
2051	286.005	9.12500	0.000000E+00
2052	277.716	9.12500	0.000000E+00
2053	286.005	10.5000	0.000000E+00
2054	277.716	10.5000	0.000000E+00
2055	286.005	11.2500	0.000000E+00
2056	278.717	3.12500	0.000000E+00
2057	281.146	5.62500	0.000000E+00
2058	278.717	6.62500	0.000000E+00
2059	288.434	2.12500	0.000000E+00
2060	278.717	10.1250	0.000000E+00
2061	288.434	9.12500	0.000000E+00
2062	280.146	0.000000E+00	0.000000E+00
2063	280.146	0.750000	0.000000E+00
2064	281.146	5.62500	-1.00000
2065	290.864	0.000000E+00	0.000000E+00
2066	279.979	2.12500	-1.00000
2067	290.864	0.750000	0.000000E+00
2068	279.979	2.12500	0.000000E+00
2069	290.864	2.12500	-1.00000
2070	290.864	2.12500	0.000000E+00
2071	279.979	5.62500	-1.00000
2072	279.979	5.62500	0.000000E+00
2073	280.146	9.12500	0.000000E+00
2074	280.146	10.5000	0.000000E+00
2075	281.146	3.12500	0.000000E+00
2076	281.146	6.62500	0.000000E+00
2077	281.146	10.1250	0.000000E+00
2078	282.298	3.12500	0.000000E+00
2079	282.298	6.62500	0.000000E+00
2080	282.298	10.1250	0.000000E+00
2081	290.864	9.12500	-1.00000
2082	290.864	9.12500	0.000000E+00
2083	282.575	0.000000E+00	0.000000E+00
2084	290.864	10.5000	0.000000E+00
2085	282.575	0.750000	0.000000E+00
2086	290.864	11.2500	0.000000E+00
2087	282.409	2.12500	0.000000E+00
2088	282.409	5.62500	0.000000E+00
2089	282.575	9.12500	0.000000E+00
2090	293.293	2.12500	0.000000E+00
2091	282.575	10.5000	0.000000E+00
2092	293.293	9.12500	0.000000E+00
2093	283.575	3.12500	0.000000E+00
2094	286.005	5.62500	0.000000E+00
2095	283.575	6.62500	0.000000E+00
2096	294.571	2.12500	0.000000E+00
2097	283.575	10.1250	0.000000E+00
2098	294.571	9.12500	0.000000E+00
2099	285.005	0.000000E+00	0.000000E+00
2100	285.005	0.750000	0.000000E+00
2101	286.005	5.62500	-1.00000
2102	295.723	0.000000E+00	0.000000E+00
2103	284.838	2.12500	-1.00000
2104	295.723	0.750000	0.000000E+00
2105	284.838	2.12500	0.000000E+00
2106	295.723	2.12500	-1.00000
2107	295.723	2.12500	0.000000E+00
2108	284.838	5.62500	-1.00000
2109	284.838	5.62500	0.000000E+00
2110	285.005	9.12500	0.000000E+00
2111	285.005	10.5000	0.000000E+00
2112	286.005	3.12500	0.000000E+00
2113	286.005	6.62500	0.000000E+00
2114	286.005	10.1250	0.000000E+00
2115	287.434	0.000000E+00	0.000000E+00
2116	287.434	0.750000	0.000000E+00
2117	287.268	2.12500	0.000000E+00
2118	295.723	9.12500	-1.00000
2119	295.723	9.12500	0.000000E+00
2120	287.268	5.62500	0.000000E+00
2121	295.723	10.5000	0.000000E+00
2122	287.434	9.12500	0.000000E+00
2123	295.723	11.2500	0.000000E+00
2124	287.434	10.5000	0.000000E+00
2125	288.434	3.12500	0.000000E+00
2126	290.864	5.62500	0.000000E+00
2127	298.152	2.12500	0.000000E+00
2128	288.434	6.62500	0.000000E+00

2129	298.152	9.12500	0.000000E+00
2130	288.434	10.1250	0.000000E+00
2131	289.864	0.000000E+00	0.000000E+00
2132	289.864	0.750000	0.000000E+00
2133	300.582	0.000000E+00	0.000000E+00
2134	290.864	5.62500	-1.00000
2135	300.582	0.750000	0.000000E+00
2136	289.697	2.12500	-1.00000
2137	300.582	2.12500	-1.00000
2138	300.582	2.12500	0.000000E+00
2139	289.697	2.12500	0.000000E+00
2140	289.697	5.62500	-1.00000
2141	289.697	5.62500	0.000000E+00
2142	289.864	9.12500	0.000000E+00
2143	289.864	10.5000	0.000000E+00
2144	290.864	3.12500	0.000000E+00
2145	290.864	6.62500	0.000000E+00
2146	290.864	10.1250	0.000000E+00
2147	292.293	0.000000E+00	0.000000E+00
2148	292.293	0.750000	0.000000E+00
2149	300.582	9.12500	-1.00000
2150	300.582	9.12500	0.000000E+00
2151	292.127	2.12500	0.000000E+00
2152	300.582	10.5000	0.000000E+00
2153	292.127	5.62500	0.000000E+00
2154	300.582	11.2500	0.000000E+00
2155	292.293	9.12500	0.000000E+00
2156	292.293	10.5000	0.000000E+00
2157	293.293	3.12500	0.000000E+00
2158	303.012	2.12500	0.000000E+00
2159	293.293	6.62500	0.000000E+00
2160	303.012	9.12500	0.000000E+00
2161	293.293	10.1250	0.000000E+00
2162	294.571	3.12500	0.000000E+00
2163	295.723	5.62500	0.000000E+00
2164	305.441	0.000000E+00	0.000000E+00
2165	294.571	6.62500	0.000000E+00
2166	305.441	0.750000	0.000000E+00
2167	294.571	10.1250	0.000000E+00
2168	305.441	2.12500	-1.00000
2169	305.441	2.12500	0.000000E+00
2170	294.723	0.000000E+00	0.000000E+00
2171	294.723	0.750000	0.000000E+00
2172	295.723	5.62500	-1.00000
2173	294.556	2.12500	-1.00000
2174	294.556	2.12500	0.000000E+00
2175	294.556	5.62500	-1.00000
2176	294.556	5.62500	0.000000E+00
2177	294.723	9.12500	0.000000E+00
2178	294.723	10.5000	0.000000E+00
2179	295.723	3.12500	0.000000E+00
2180	305.441	9.12500	-1.00000
2181	305.441	9.12500	0.000000E+00
2182	295.723	6.62500	0.000000E+00
2183	305.441	10.5000	0.000000E+00
2184	295.723	10.1250	0.000000E+00
2185	305.441	11.2500	0.000000E+00
2186	297.152	0.000000E+00	0.000000E+00
2187	297.152	0.750000	0.000000E+00
2188	296.986	2.12500	0.000000E+00
2189	306.593	2.12500	0.000000E+00
2190	296.986	5.62500	0.000000E+00
2191	306.593	9.12500	0.000000E+00
2192	297.152	9.12500	0.000000E+00
2193	297.152	10.5000	0.000000E+00
2194	298.152	3.12500	0.000000E+00
2195	307.870	2.12500	0.000000E+00
2196	300.582	5.62500	0.000000E+00
2197	307.870	9.12500	0.000000E+00
2198	298.152	6.62500	0.000000E+00
2199	298.152	10.1250	0.000000E+00
2200	299.582	0.000000E+00	0.000000E+00
2201	310.300	0.000000E+00	0.000000E+00
2202	299.582	0.750000	0.000000E+00
2203	310.300	0.750000	0.000000E+00
2204	300.582	5.62500	-1.00000
2205	310.300	2.12500	-1.00000
2206	310.300	2.12500	0.000000E+00
2207	299.415	2.12500	-1.00000
2208	299.415	2.12500	0.000000E+00
2209	299.415	5.62500	-1.00000
2210	299.415	5.62500	0.000000E+00
2211	299.582	9.12500	0.000000E+00
2212	299.582	10.5000	0.000000E+00
2213	300.582	3.12500	0.000000E+00
2214	300.582	6.62500	0.000000E+00
2215	300.582	10.1250	0.000000E+00
2216	302.012	0.000000E+00	0.000000E+00
2217	310.300	9.12500	-1.00000
2218	310.300	9.12500	0.000000E+00
2219	302.012	0.750000	0.000000E+00
2220	310.300	10.5000	0.000000E+00
2221	301.845	2.12500	0.000000E+00
2222	310.300	11.2500	0.000000E+00
2223	301.845	5.62500	0.000000E+00
2224	302.012	9.12500	0.000000E+00
2225	302.012	10.5000	0.000000E+00
2226	312.730	2.12500	0.000000E+00
2227	303.012	3.12500	0.000000E+00
2228	312.730	9.12500	0.000000E+00
2229	305.441	5.62500	0.000000E+00
2230	303.012	6.62500	0.000000E+00
2231	303.012	10.1250	0.000000E+00
2232	315.159	0.000000E+00	0.000000E+00
2233	304.441	0.000000E+00	0.000000E+00

2234	315.159	0.750000	0.000000E+00
2235	304.441	0.750000	0.000000E+00
2236	315.159	2.12500	-1.00000
2237	315.159	2.12500	0.000000E+00
2238	305.441	5.62500	-1.00000
2239	304.274	2.12500	-1.00000
2240	304.274	2.12500	0.000000E+00
2241	304.274	5.62500	-1.00000
2242	304.274	5.62500	0.000000E+00
2243	304.441	9.12500	0.000000E+00
2244	304.441	10.5000	0.000000E+00
2245	305.441	3.12500	0.000000E+00
2246	305.441	6.62500	0.000000E+00
2247	305.441	10.1250	0.000000E+00
2248	315.159	9.12500	-1.00000
2249	315.159	9.12500	0.000000E+00
2250	306.593	3.12500	0.000000E+00
2251	315.159	10.5000	0.000000E+00
2252	306.593	6.62500	0.000000E+00
2253	315.159	11.2500	0.000000E+00
2254	306.593	10.1250	0.000000E+00
2255	306.870	0.000000E+00	0.000000E+00
2256	306.870	0.750000	0.000000E+00
2257	317.588	2.12500	0.000000E+00
2258	306.704	2.12500	0.000000E+00
2259	317.588	9.12500	0.000000E+00
2260	306.704	5.62500	0.000000E+00
2261	306.870	9.12500	0.000000E+00
2262	306.870	10.5000	0.000000E+00
2263	318.866	2.12500	0.000000E+00
2264	307.870	3.12500	0.000000E+00
2265	318.866	9.12500	0.000000E+00
2266	310.300	5.62500	0.000000E+00
2267	307.870	6.62500	0.000000E+00
2268	307.870	10.1250	0.000000E+00
2269	320.018	0.000000E+00	0.000000E+00
2270	309.300	0.000000E+00	0.000000E+00
2271	320.018	0.750000	0.000000E+00
2272	309.300	0.750000	0.000000E+00
2273	320.018	2.12500	-1.00000
2274	320.018	2.12500	0.000000E+00
2275	310.300	5.62500	-1.00000
2276	309.133	2.12500	-1.00000
2277	309.133	2.12500	0.000000E+00
2278	309.133	5.62500	-1.00000
2279	309.133	5.62500	0.000000E+00
2280	309.300	9.12500	0.000000E+00
2281	309.300	10.5000	0.000000E+00
2282	310.300	3.12500	0.000000E+00
2283	310.300	6.62500	0.000000E+00
2284	310.300	10.1250	0.000000E+00
2285	320.018	9.12500	-1.00000
2286	320.018	9.12500	0.000000E+00
2287	311.729	0.000000E+00	0.000000E+00
2288	320.018	10.5000	0.000000E+00
2289	311.729	0.750000	0.000000E+00
2290	320.018	11.2500	0.000000E+00
2291	311.563	2.12500	0.000000E+00
2292	311.563	5.62500	0.000000E+00
2293	311.729	9.12500	0.000000E+00
2294	322.447	2.12500	0.000000E+00
2295	311.729	10.5000	0.000000E+00
2296	322.447	9.12500	0.000000E+00
2297	312.730	3.12500	0.000000E+00
2298	315.159	5.62500	0.000000E+00
2299	312.730	6.62500	0.000000E+00
2300	324.877	0.000000E+00	0.000000E+00
2301	312.730	10.1250	0.000000E+00
2302	324.877	0.750000	0.000000E+00
2303	314.159	0.000000E+00	0.000000E+00
2304	325.877	9.12500	-2.50000
2305	324.877	10.1250	-2.50000
2306	324.877	2.12500	-1.00000
2307	324.877	2.12500	0.000000E+00
2308	314.159	0.750000	0.000000E+00
2309	315.159	5.62500	-1.00000
2310	313.992	2.12500	-1.00000
2311	313.992	2.12500	0.000000E+00
2312	374.578	2.12500	-2.50000
2313	373.578	3.12500	-2.50000
2314	313.992	5.62500	-1.00000
2315	313.992	5.62500	0.000000E+00
2316	314.159	9.12500	0.000000E+00
2317	314.159	10.5000	0.000000E+00
2318	315.159	3.12500	0.000000E+00
2319	315.159	6.62500	0.000000E+00
2320	374.578	9.12500	-2.50000
2321	373.578	10.1250	-2.50000
2322	324.877	9.12500	-1.00000
2323	324.877	9.12500	0.000000E+00
2324	315.159	10.1250	0.000000E+00
2325	324.877	10.5000	0.000000E+00
2326	316.589	0.000000E+00	0.000000E+00
2327	324.877	11.2500	0.000000E+00
2328	316.589	0.750000	0.000000E+00
2329	316.422	2.12500	0.000000E+00
2330	316.422	5.62500	0.000000E+00
2331	327.306	2.12500	0.000000E+00
2332	316.589	9.12500	0.000000E+00
2333	327.306	9.12500	0.000000E+00
2334	316.589	10.5000	0.000000E+00
2335	317.588	3.12500	0.000000E+00
2336	317.588	6.62500	0.000000E+00
2337	329.736	0.000000E+00	0.000000E+00
2338	317.588	10.1250	0.000000E+00



2339	329.736	0.750000	0.000000E+00
2340	318.866	3.12500	0.000000E+00
2341	329.736	2.12500	-1.00000
2342	329.736	2.12500	0.000000E+00
2343	320.018	5.62500	0.000000E+00
2344	318.866	6.62500	0.000000E+00
2345	318.866	10.1250	0.000000E+00
2346	319.018	0.000000E+00	0.000000E+00
2347	319.018	0.750000	0.000000E+00
2348	320.018	5.62500	-1.00000
2349	318.851	2.12500	-1.00000
2350	318.851	2.12500	0.000000E+00
2351	318.851	5.62500	-1.00000
2352	318.851	5.62500	0.000000E+00
2353	329.736	9.12500	-1.00000
2354	329.736	9.12500	0.000000E+00
2355	319.018	9.12500	0.000000E+00
2356	329.736	10.5000	0.000000E+00
2357	319.018	10.5000	0.000000E+00
2358	329.736	11.2500	0.000000E+00
2359	320.018	3.12500	0.000000E+00
2360	320.018	6.62500	0.000000E+00
2361	320.018	10.1250	0.000000E+00
2362	330.890	2.12500	0.000000E+00
2363	321.447	0.000000E+00	0.000000E+00
2364	330.890	9.12500	0.000000E+00
2365	321.447	0.750000	0.000000E+00
2366	321.281	2.12500	0.000000E+00
2367	321.281	5.62500	0.000000E+00
2368	332.165	2.12500	0.000000E+00
2369	321.447	9.12500	0.000000E+00
2370	332.165	9.12500	0.000000E+00
2371	321.447	10.5000	0.000000E+00
2372	322.447	3.12500	0.000000E+00
2373	324.877	5.62500	0.000000E+00
2374	332.182	2.12500	0.000000E+00
2375	322.447	6.62500	0.000000E+00
2376	332.182	9.12500	0.000000E+00
2377	322.447	10.1250	0.000000E+00
2378	323.877	0.000000E+00	0.000000E+00
2379	323.877	0.750000	0.000000E+00
2380	334.595	0.000000E+00	0.000000E+00
2381	324.877	5.62500	-1.00000
2382	334.595	0.750000	0.000000E+00
2383	323.710	2.12500	-1.00000
2384	334.595	2.12500	-1.00000
2385	334.595	2.12500	0.000000E+00
2386	323.710	2.12500	0.000000E+00
2387	323.710	5.62500	-1.00000
2388	323.710	5.62500	0.000000E+00
2389	323.877	9.12500	0.000000E+00
2390	323.877	10.5000	0.000000E+00
2391	324.877	3.12500	0.000000E+00
2392	324.877	6.62500	0.000000E+00
2393	324.877	10.1250	0.000000E+00
2394	326.307	0.000000E+00	0.000000E+00
2395	326.307	0.750000	0.000000E+00
2396	334.595	9.12500	-1.00000
2397	334.595	9.12500	0.000000E+00
2398	326.140	2.12500	0.000000E+00
2399	334.595	10.5000	0.000000E+00
2400	326.140	5.62500	0.000000E+00
2401	334.595	11.2500	0.000000E+00
2402	326.307	9.12500	0.000000E+00
2403	326.307	10.5000	0.000000E+00
2404	327.306	3.12500	0.000000E+00
2405	337.024	2.12500	0.000000E+00
2406	329.736	5.62500	0.000000E+00
2407	337.024	9.12500	0.000000E+00
2408	327.306	6.62500	0.000000E+00
2409	327.306	10.1250	0.000000E+00
2410	328.736	0.000000E+00	0.000000E+00
2411	339.454	0.000000E+00	0.000000E+00
2412	328.736	0.750000	0.000000E+00
2413	339.454	0.750000	0.000000E+00
2414	329.736	5.62500	-1.00000
2415	339.454	2.12500	-1.00000
2416	339.454	2.12500	0.000000E+00
2417	328.569	2.12500	-1.00000
2418	328.569	2.12500	0.000000E+00
2419	328.569	5.62500	-1.00000
2420	328.569	5.62500	0.000000E+00
2421	328.736	9.12500	0.000000E+00
2422	328.736	10.5000	0.000000E+00
2423	329.736	3.12500	0.000000E+00
2424	329.736	6.62500	0.000000E+00
2425	329.736	10.1250	0.000000E+00
2426	330.890	3.12500	0.000000E+00
2427	339.454	9.12500	-1.00000
2428	339.454	9.12500	0.000000E+00
2429	330.890	6.62500	0.000000E+00
2430	339.454	10.5000	0.000000E+00
2431	330.890	10.1250	0.000000E+00
2432	339.454	11.2500	0.000000E+00
2433	331.165	0.000000E+00	0.000000E+00
2434	331.165	0.750000	0.000000E+00
2435	330.999	2.12500	0.000000E+00
2436	341.883	2.12500	0.000000E+00
2437	330.999	5.62500	0.000000E+00
2438	341.883	9.12500	0.000000E+00
2439	331.165	9.12500	0.000000E+00
2440	331.165	10.5000	0.000000E+00
2441	332.165	3.12500	0.000000E+00
2442	343.163	2.12500	0.000000E+00
2443	332.165	6.62500	0.000000E+00

2444	343.163	9.12500	0.000000E+00
2445	332.165	10.1250	0.000000E+00
2446	332.182	3.12500	0.000000E+00
2447	334.595	5.62500	0.000000E+00
2448	344.313	0.000000E+00	0.000000E+00
2449	332.182	6.62500	0.000000E+00
2450	344.313	0.750000	0.000000E+00
2451	332.182	10.1250	0.000000E+00
2452	344.313	2.12500	-1.00000
2453	344.313	2.12500	0.000000E+00
2454	333.595	0.000000E+00	0.000000E+00
2455	333.595	0.750000	0.000000E+00
2456	334.595	5.62500	-1.00000
2457	333.428	2.12500	-1.00000
2458	333.428	2.12500	0.000000E+00
2459	333.428	5.62500	-1.00000
2460	333.428	5.62500	0.000000E+00
2461	333.595	9.12500	0.000000E+00
2462	333.595	10.5000	0.000000E+00
2463	334.595	3.12500	0.000000E+00
2464	344.313	9.12500	-1.00000
2465	344.313	9.12500	0.000000E+00
2466	334.595	6.62500	0.000000E+00
2467	344.313	10.5000	0.000000E+00
2468	334.595	10.1250	0.000000E+00
2469	344.313	11.2500	0.000000E+00
2470	336.024	0.000000E+00	0.000000E+00
2471	336.024	0.750000	0.000000E+00
2472	335.858	2.12500	0.000000E+00
2473	346.743	2.12500	0.000000E+00
2474	335.858	5.62500	0.000000E+00
2475	346.743	9.12500	0.000000E+00
2476	336.024	9.12500	0.000000E+00
2477	336.024	10.5000	0.000000E+00
2478	337.024	3.12500	0.000000E+00
2479	349.172	0.000000E+00	0.000000E+00
2480	339.454	5.62500	0.000000E+00
2481	349.172	0.750000	0.000000E+00
2482	337.024	6.62500	0.000000E+00
2483	349.172	2.12500	-1.00000
2484	349.172	2.12500	0.000000E+00
2485	337.024	10.1250	0.000000E+00
2486	338.454	0.000000E+00	0.000000E+00
2487	338.454	0.750000	0.000000E+00
2488	339.454	5.62500	-1.00000
2489	338.287	2.12500	-1.00000
2490	338.287	2.12500	0.000000E+00
2491	338.287	5.62500	-1.00000
2492	338.287	5.62500	0.000000E+00
2493	338.454	9.12500	0.000000E+00
2494	338.454	10.5000	0.000000E+00
2495	349.172	9.12500	-1.00000
2496	349.172	9.12500	0.000000E+00
2497	339.454	3.12500	0.000000E+00
2498	349.172	10.5000	0.000000E+00
2499	339.454	6.62500	0.000000E+00
2500	349.172	11.2500	0.000000E+00
2501	339.454	10.1250	0.000000E+00
2502	340.883	0.000000E+00	0.000000E+00
2503	340.883	0.750000	0.000000E+00
2504	351.601	2.12500	0.000000E+00
2505	340.717	2.12500	0.000000E+00
2506	351.601	9.12500	0.000000E+00
2507	340.717	5.62500	0.000000E+00
2508	340.883	9.12500	0.000000E+00
2509	340.883	10.5000	0.000000E+00
2510	354.031	0.000000E+00	0.000000E+00
2511	341.883	3.12500	0.000000E+00
2512	354.031	0.750000	0.000000E+00
2513	341.883	6.62500	0.000000E+00
2514	354.031	2.12500	-1.00000
2515	354.031	2.12500	0.000000E+00
2516	341.883	10.1250	0.000000E+00
2517	343.163	3.12500	0.000000E+00
2518	344.313	5.62500	0.000000E+00
2519	343.163	6.62500	0.000000E+00
2520	343.163	10.1250	0.000000E+00
2521	343.313	0.000000E+00	0.000000E+00
2522	343.313	0.750000	0.000000E+00
2523	344.313	5.62500	-1.00000
2524	343.146	2.12500	-1.00000
2525	343.146	2.12500	0.000000E+00
2526	354.031	9.12500	-1.00000
2527	354.031	9.12500	0.000000E+00
2528	343.146	5.62500	-1.00000
2529	354.031	10.5000	0.000000E+00
2530	343.146	5.62500	0.000000E+00
2531	354.031	11.2500	0.000000E+00
2532	343.313	9.12500	0.000000E+00
2533	343.313	10.5000	0.000000E+00
2534	344.313	3.12500	0.000000E+00
2535	355.186	2.12500	0.000000E+00
2536	344.313	6.62500	0.000000E+00
2537	355.186	9.12500	0.000000E+00
2538	344.313	10.1250	0.000000E+00
2539	345.742	0.000000E+00	0.000000E+00
2540	345.742	0.750000	0.000000E+00
2541	356.460	2.12500	0.000000E+00
2542	345.576	2.12500	0.000000E+00
2543	356.460	9.12500	0.000000E+00
2544	345.576	5.62500	0.000000E+00
2545	345.742	9.12500	0.000000E+00
2546	345.742	10.5000	0.000000E+00
2547	358.890	0.000000E+00	0.000000E+00
2548	346.743	3.12500	0.000000E+00

2549	358.890	0.750000	0.000000E+00
2550	349.172	5.62500	0.000000E+00
2551	358.890	2.12500	-1.00000
2552	358.890	2.12500	0.000000E+00
2553	346.743	6.62500	0.000000E+00
2554	346.743	10.1250	0.000000E+00
2555	348.172	0.000000E+00	0.000000E+00
2556	348.172	0.750000	0.000000E+00
2557	349.172	5.62500	-1.00000
2558	348.005	2.12500	-1.00000
2559	348.005	2.12500	0.000000E+00
2560	348.005	5.62500	-1.00000
2561	348.005	5.62500	0.000000E+00
2562	348.172	9.12500	0.000000E+00
2563	358.890	9.12500	-1.00000
2564	358.890	9.12500	0.000000E+00
2565	348.172	10.5000	0.000000E+00
2566	358.890	10.5000	0.000000E+00
2567	349.172	3.12500	0.000000E+00
2568	358.890	11.2500	0.000000E+00
2569	349.172	6.62500	0.000000E+00
2570	349.172	10.1250	0.000000E+00
2571	350.601	0.000000E+00	0.000000E+00
2572	361.320	2.12500	0.000000E+00
2573	350.601	0.750000	0.000000E+00
2574	361.320	9.12500	0.000000E+00
2575	350.435	2.12500	0.000000E+00
2576	350.435	5.62500	0.000000E+00
2577	350.601	9.12500	0.000000E+00
2578	363.749	0.000000E+00	0.000000E+00
2579	350.601	10.5000	0.000000E+00
2580	363.749	0.750000	0.000000E+00
2581	351.601	3.12500	0.000000E+00
2582	363.749	2.12500	-1.00000
2583	363.749	2.12500	0.000000E+00
2584	354.031	5.62500	0.000000E+00
2585	351.601	6.62500	0.000000E+00
2586	351.601	10.1250	0.000000E+00
2587	353.031	0.000000E+00	0.000000E+00
2588	353.031	0.750000	0.000000E+00
2589	354.031	5.62500	-1.00000
2590	352.864	2.12500	-1.00000
2591	352.864	2.12500	0.000000E+00
2592	352.864	5.62500	-1.00000
2593	352.864	5.62500	0.000000E+00
2594	363.749	9.12500	-1.00000
2595	363.749	9.12500	0.000000E+00
2596	353.031	9.12500	0.000000E+00
2597	363.749	10.5000	0.000000E+00
2598	353.031	10.5000	0.000000E+00
2599	363.749	11.2500	0.000000E+00
2600	354.031	3.12500	0.000000E+00
2601	354.031	6.62500	0.000000E+00
2602	354.031	10.1250	0.000000E+00
2603	365.704	2.12500	0.000000E+00
2604	355.186	3.12500	0.000000E+00
2605	365.704	9.12500	0.000000E+00
2606	355.186	6.62500	0.000000E+00
2607	355.186	10.1250	0.000000E+00
2608	355.460	0.000000E+00	0.000000E+00
2609	366.236	2.12500	0.000000E+00
2610	355.460	0.750000	0.000000E+00
2611	366.236	9.12500	0.000000E+00
2612	355.294	2.12500	0.000000E+00
2613	355.294	5.62500	0.000000E+00
2614	355.460	9.12500	0.000000E+00
2615	366.273	2.12500	0.000000E+00
2616	355.460	10.5000	0.000000E+00
2617	366.273	9.12500	0.000000E+00
2618	356.460	3.12500	0.000000E+00
2619	358.890	5.62500	0.000000E+00
2620	356.460	6.62500	0.000000E+00
2621	367.574	2.12500	0.000000E+00
2622	356.460	10.1250	0.000000E+00
2623	367.574	9.12500	0.000000E+00
2624	357.890	0.000000E+00	0.000000E+00
2625	357.890	0.750000	0.000000E+00
2626	358.890	5.62500	-1.00000
2627	368.723	-0.820000E-01	0.000000E+00
2628	357.723	2.12500	-1.00000
2629	368.723	0.668000	0.000000E+00
2630	357.723	2.12500	0.000000E+00
2631	368.723	2.12500	-1.00000
2632	368.723	2.12500	0.000000E+00
2633	357.723	5.62500	-1.00000
2634	357.723	5.62500	0.000000E+00
2635	357.890	9.12500	0.000000E+00
2636	357.890	10.5000	0.000000E+00
2637	358.890	3.12500	0.000000E+00
2638	358.890	6.62500	0.000000E+00
2639	358.890	10.1250	0.000000E+00
2640	360.320	0.000000E+00	0.000000E+00
2641	360.320	0.750000	0.000000E+00
2642	360.153	2.12500	0.000000E+00
2643	368.723	9.12500	-1.00000
2644	368.723	9.12500	0.000000E+00
2645	360.153	5.62500	0.000000E+00
2646	368.723	10.5820	0.000000E+00
2647	360.320	9.12500	0.000000E+00
2648	368.723	11.3320	0.000000E+00
2649	360.320	10.5000	0.000000E+00
2650	361.320	3.12500	0.000000E+00
2651	363.749	5.62500	0.000000E+00
2652	371.150	2.12500	0.000000E+00
2653	361.320	6.62500	0.000000E+00

2654	371.150	9.12500	0.000000E+00
2655	361.320	10.1250	0.000000E+00
2656	362.749	0.000000E+00	0.000000E+00
2657	362.749	0.750000	0.000000E+00
2658	373.578	-0.215000	0.000000E+00
2659	363.749	5.62500	-1.00000
2660	373.578	0.535000	0.000000E+00
2661	362.582	2.12500	-1.00000
2662	408.610	2.12500	-2.50000
2663	407.610	3.12500	-2.50000
2664	373.578	2.12500	-1.00000
2665	373.578	2.12500	0.000000E+00
2666	362.582	2.12500	0.000000E+00
2667	362.582	5.62500	-1.00000
2668	362.582	5.62500	0.000000E+00
2669	362.749	9.12500	0.000000E+00
2670	408.610	9.12500	-2.50000
2671	407.610	10.1250	-2.50000
2672	362.749	10.5000	0.000000E+00
2673	363.749	3.12500	0.000000E+00
2674	363.749	6.62500	0.000000E+00
2675	363.749	10.1250	0.000000E+00
2676	365.704	3.12500	0.000000E+00
2677	365.704	6.62500	0.000000E+00
2678	1.50000	5.62500	-2.50000
2679	0.500000	6.62500	-2.50000
2680	373.578	9.12500	-1.00000
2681	373.578	9.12500	0.000000E+00
2682	365.704	10.1250	0.000000E+00
2683	373.578	10.7150	0.000000E+00
2684	365.236	-0.410000E-01	0.000000E+00
2685	373.578	11.4650	0.000000E+00
2686	365.236	0.709000	0.000000E+00
2687	365.069	2.12500	0.000000E+00
2688	365.069	5.62500	0.000000E+00
2689	376.009	2.12500	0.000000E+00
2690	365.236	9.12500	0.000000E+00
2691	376.009	9.12500	0.000000E+00
2692	365.236	10.5410	0.000000E+00
2693	366.236	3.12500	0.000000E+00
2694	366.236	6.62500	0.000000E+00
2695	378.440	-0.347000	0.000000E+00
2696	366.236	10.1250	0.000000E+00
2697	378.440	0.403000	0.000000E+00
2698	366.273	3.12500	0.000000E+00
2699	378.440	2.12500	-1.00000
2700	378.440	2.12500	0.000000E+00
2701	366.273	6.62500	0.000000E+00
2702	366.273	10.1250	0.000000E+00
2703	367.574	3.12500	0.000000E+00
2704	368.723	5.62500	0.000000E+00
2705	367.574	6.62500	0.000000E+00
2706	367.574	10.1250	0.000000E+00
2707	367.723	-0.820000E-01	0.000000E+00
2708	367.723	0.668000	0.000000E+00
2709	368.723	5.62500	-1.00000
2710	367.556	2.12500	-1.00000
2711	378.440	9.12500	-1.00000
2712	378.440	9.12500	0.000000E+00
2713	367.556	2.12500	0.000000E+00
2714	378.440	10.8470	0.000000E+00
2715	367.556	5.62500	-1.00000
2716	378.440	11.5970	0.000000E+00
2717	367.556	5.62500	0.000000E+00
2718	367.723	9.12500	0.000000E+00
2719	367.723	10.5820	0.000000E+00
2720	379.584	2.12500	0.000000E+00
2721	368.723	3.12500	0.000000E+00
2722	379.584	9.12500	0.000000E+00
2723	368.723	6.62500	0.000000E+00
2724	368.723	10.1250	0.000000E+00
2725	370.151	-0.148500	0.000000E+00
2726	380.871	2.12500	0.000000E+00
2727	370.151	0.601500	0.000000E+00
2728	380.871	9.12500	0.000000E+00
2729	369.984	2.12500	0.000000E+00
2730	369.984	5.62500	0.000000E+00
2731	370.151	9.12500	0.000000E+00
2732	383.301	-0.490300	0.000000E+00
2733	370.151	10.6485	0.000000E+00
2734	383.301	0.259700	0.000000E+00
2735	371.150	3.12500	0.000000E+00
2736	383.301	2.12500	-1.00000
2737	383.301	2.12500	0.000000E+00
2738	373.578	5.62500	0.000000E+00
2739	371.150	6.62500	0.000000E+00
2740	371.150	10.1250	0.000000E+00
2741	372.578	-0.215000	0.000000E+00
2742	372.578	0.535000	0.000000E+00
2743	373.578	5.62500	-1.00000
2744	372.411	2.12500	-1.00000
2745	372.411	2.12500	0.000000E+00
2746	372.411	5.62500	-1.00000
2747	372.411	5.62500	0.000000E+00
2748	383.301	9.12500	-1.00000
2749	383.301	9.12500	0.000000E+00
2750	372.578	9.12500	0.000000E+00
2751	383.301	10.9903	0.000000E+00
2752	372.578	10.7150	0.000000E+00
2753	383.301	11.7403	0.000000E+00
2754	373.578	3.12500	0.000000E+00
2755	373.578	6.62500	0.000000E+00
2756	373.578	10.1250	0.000000E+00
2757	385.732	2.12500	0.000000E+00
2758	375.009	-0.281000	0.000000E+00

2759	385.732	9.12500	0.000000E+00
2760	375.009	0.469000	0.000000E+00
2761	374.842	2.12500	0.000000E+00
2762	374.842	5.62500	0.000000E+00
2763	388.163	-0.623400	0.000000E+00
2764	375.009	9.12500	0.000000E+00
2765	388.163	0.126600	0.000000E+00
2766	375.009	10.7810	0.000000E+00
2767	388.163	2.12500	-1.00000
2768	388.163	2.12500	0.000000E+00
2769	376.009	3.12500	0.000000E+00
2770	378.440	5.62500	0.000000E+00
2771	376.009	6.62500	0.000000E+00
2772	376.009	10.1250	0.000000E+00
2773	377.440	-0.347000	0.000000E+00
2774	377.440	0.403000	0.000000E+00
2775	378.440	5.62500	-1.00000
2776	377.273	2.12500	-1.00000
2777	377.273	2.12500	0.000000E+00
2778	377.273	5.62500	-1.00000
2779	388.163	9.12500	-1.00000
2780	388.163	9.12500	0.000000E+00
2781	377.273	5.62500	0.000000E+00
2782	388.163	11.1234	0.000000E+00
2783	377.440	9.12500	0.000000E+00
2784	388.163	11.8734	0.000000E+00
2785	377.440	10.8470	0.000000E+00
2786	378.440	3.12500	0.000000E+00
2787	378.440	6.62500	0.000000E+00
2788	389.593	2.12500	0.000000E+00
2789	378.440	10.1250	0.000000E+00
2790	389.593	9.12500	0.000000E+00
2791	379.584	3.12500	0.000000E+00
2792	379.584	6.62500	0.000000E+00
2793	379.584	10.1250	0.000000E+00
2794	390.594	2.12500	0.000000E+00
2795	379.871	-0.418650	0.000000E+00
2796	390.594	9.12500	0.000000E+00
2797	379.871	0.331350	0.000000E+00
2798	379.704	2.12500	0.000000E+00
2799	379.704	5.62500	0.000000E+00
2800	393.025	-0.758000	0.000000E+00
2801	379.871	9.12500	0.000000E+00
2802	393.025	-0.800000E-02	0.000000E+00
2803	379.871	10.9186	0.000000E+00
2804	393.025	2.12500	-1.00000
2805	393.025	2.12500	0.000000E+00
2806	380.871	3.12500	0.000000E+00
2807	383.301	5.62500	0.000000E+00
2808	380.871	6.62500	0.000000E+00
2809	380.871	10.1250	0.000000E+00
2810	382.301	-0.490300	0.000000E+00
2811	382.301	0.259700	0.000000E+00
2812	383.301	5.62500	-1.00000
2813	382.135	2.12500	-1.00000
2814	382.135	2.12500	0.000000E+00
2815	382.135	5.62500	-1.00000
2816	393.025	9.12500	-1.00000
2817	393.025	9.12500	0.000000E+00
2818	382.135	5.62500	0.000000E+00
2819	393.025	11.2530	0.000000E+00
2820	382.301	9.12500	0.000000E+00
2821	393.025	12.0030	0.000000E+00
2822	382.301	10.9903	0.000000E+00
2823	383.301	3.12500	0.000000E+00
2824	383.301	6.62500	0.000000E+00
2825	395.456	2.12500	0.000000E+00
2826	383.301	10.1250	0.000000E+00
2827	395.456	9.12500	0.000000E+00
2828	384.732	-0.556850	0.000000E+00
2829	384.732	0.193150	0.000000E+00
2830	384.566	2.12500	0.000000E+00
2831	397.887	-0.893100	0.000000E+00
2832	384.566	5.62500	0.000000E+00
2833	397.887	-0.143100	0.000000E+00
2834	384.732	9.12500	0.000000E+00
2835	397.887	2.12500	-1.00000
2836	397.887	2.12500	0.000000E+00
2837	384.732	11.0569	0.000000E+00
2838	385.732	3.12500	0.000000E+00
2839	388.163	5.62500	0.000000E+00
2840	385.732	6.62500	0.000000E+00
2841	385.732	10.1250	0.000000E+00
2842	387.163	-0.623400	0.000000E+00
2843	387.163	0.126600	0.000000E+00
2844	388.163	5.62500	-1.00000
2845	386.996	2.12500	-1.00000
2846	386.996	2.12500	0.000000E+00
2847	397.887	9.12500	-1.00000
2848	397.887	9.12500	0.000000E+00
2849	386.996	5.62500	-1.00000
2850	397.887	11.3931	0.000000E+00
2851	386.996	5.62500	0.000000E+00
2852	397.887	12.1431	0.000000E+00
2853	387.163	9.12500	0.000000E+00
2854	387.163	11.1234	0.000000E+00
2855	388.163	3.12500	0.000000E+00
2856	399.602	2.12500	0.000000E+00
2857	388.163	6.62500	0.000000E+00
2858	399.602	9.12500	0.000000E+00
2859	388.163	10.1250	0.000000E+00
2860	389.593	3.12500	0.000000E+00
2861	389.593	6.62500	0.000000E+00
2862	400.317	2.12500	0.000000E+00
2863	389.593	10.1250	0.000000E+00

2864	400.317	9.12500	0.000000E+00
2865	389.594	-0.690700	0.000000E+00
2866	389.594	0.593000E-01	0.000000E+00
2867	389.427	2.12500	0.000000E+00
2868	402.748	-1.02650	0.000000E+00
2869	389.427	5.62500	0.000000E+00
2870	402.748	-0.276500	0.000000E+00
2871	389.594	9.12500	0.000000E+00
2872	402.748	2.12500	-1.00000
2873	402.748	2.12500	0.000000E+00
2874	389.594	11.1882	0.000000E+00
2875	390.594	3.12500	0.000000E+00
2876	393.025	5.62500	0.000000E+00
2877	390.594	6.62500	0.000000E+00
2878	390.594	10.1250	0.000000E+00
2879	392.025	-0.758000	0.000000E+00
2880	392.025	-0.800000E-02	0.000000E+00
2881	393.025	5.62500	-1.00000
2882	391.858	2.12500	-1.00000
2883	391.858	2.12500	0.000000E+00
2884	402.748	9.12500	-1.00000
2885	402.748	9.12500	0.000000E+00
2886	391.858	5.62500	-1.00000
2887	402.748	11.5265	0.000000E+00
2888	391.858	5.62500	0.000000E+00
2889	402.748	12.2765	0.000000E+00
2890	392.025	9.12500	0.000000E+00
2891	392.025	11.2530	0.000000E+00
2892	393.025	3.12500	0.000000E+00
2893	405.179	2.12500	0.000000E+00
2894	393.025	6.62500	0.000000E+00
2895	405.179	9.12500	0.000000E+00
2896	393.025	10.1250	0.000000E+00
2897	394.456	-0.825550	0.000000E+00
2898	394.456	-0.755500E-01	0.000000E+00
2899	407.610	-1.15800	0.000000E+00
2900	394.289	2.12500	0.000000E+00
2901	407.610	-0.398000	0.000000E+00
2902	394.289	5.62500	0.000000E+00
2903	34.5470	5.62500	-2.50000
2904	33.5470	6.62500	-2.50000
2905	407.610	2.12500	-1.00000
2906	407.610	2.12500	0.000000E+00
2907	394.456	9.12500	0.000000E+00
2908	394.456	11.3231	0.000000E+00
2909	395.456	3.12500	0.000000E+00
2910	397.887	5.62500	0.000000E+00
2911	83.0570	5.62500	-2.50000
2912	82.0570	6.62500	-2.50000
2913	395.456	6.62500	0.000000E+00
2914	395.456	10.1250	0.000000E+00
2915	396.887	-0.893100	0.000000E+00
2916	396.887	-0.143100	0.000000E+00
2917	397.887	5.62500	-1.00000
2918	396.720	2.12500	-1.00000
2919	131.587	5.62500	-2.50000
2920	130.587	6.62500	-2.50000
2921	407.610	9.12500	-1.00000
2922	407.610	9.12500	0.000000E+00
2923	396.720	2.12500	0.000000E+00
2924	407.610	11.6630	0.000000E+00
2925	396.720	5.62500	-1.00000
2926	407.610	12.4130	0.000000E+00
2927	396.720	5.62500	0.000000E+00
2928	396.887	9.12500	0.000000E+00
2929	396.887	11.3931	0.000000E+00
2930	408.110	-1.17200	0.000000E+00
2931	397.887	3.12500	0.000000E+00
2932	408.110	-0.412000	0.000000E+00
2933	397.887	6.62500	0.000000E+00
2934	408.110	2.12500	0.000000E+00
2935	397.887	10.1250	0.000000E+00
2936	399.602	3.12500	0.000000E+00
2937	399.602	6.62500	0.000000E+00
2938	399.602	10.1250	0.000000E+00
2939	399.317	-0.959800	0.000000E+00
2940	408.110	9.12500	0.000000E+00
2941	399.317	-0.209800	0.000000E+00
2942	408.110	11.6670	0.000000E+00
2943	399.151	2.12500	0.000000E+00
2944	408.110	12.4170	0.000000E+00
2945	399.151	5.62500	0.000000E+00
2946	399.317	9.12500	0.000000E+00
2947	399.317	11.4598	0.000000E+00
2948	400.317	3.12500	0.000000E+00
2949	402.748	5.62500	0.000000E+00
2950	400.317	6.62500	0.000000E+00
2951	400.317	10.1250	0.000000E+00
2952	401.748	-1.02650	0.000000E+00
2953	401.748	-0.276500	0.000000E+00
2954	402.748	5.62500	-1.00000
2955	401.582	2.12500	-1.00000
2956	401.582	2.12500	0.000000E+00
2957	401.582	5.62500	-1.00000
2958	401.582	5.62500	0.000000E+00
2959	401.748	9.12500	0.000000E+00
2960	401.748	11.5265	0.000000E+00
2961	402.748	3.12500	0.000000E+00
2962	402.748	6.62500	0.000000E+00
2963	402.748	10.1250	0.000000E+00
2964	404.179	-1.09225	0.000000E+00
2965	404.179	-0.337250	0.000000E+00
2966	404.012	2.12500	0.000000E+00
2967	404.012	5.62500	0.000000E+00
2968	404.179	9.12500	0.000000E+00

2969	404.179	11.5948	0.000000E+00
2970	405.179	3.12500	0.000000E+00
2971	407.610	5.62500	0.000000E+00
2972	405.179	6.62500	0.000000E+00
2973	405.179	10.1250	0.000000E+00
2974	406.610	-1.15800	0.000000E+00
2975	406.610	-0.398000	0.000000E+00
2976	407.610	5.62500	-1.00000
2977	406.443	2.12500	-1.00000
2978	406.443	2.12500	0.000000E+00
2979	406.443	5.62500	-1.00000
2980	406.443	5.62500	0.000000E+00
2981	406.610	9.12500	0.000000E+00
2982	406.610	11.6630	0.000000E+00
2983	407.610	3.12500	0.000000E+00
2984	407.610	6.62500	0.000000E+00
2985	407.610	10.1250	0.000000E+00
2986	407.110	-1.17200	0.000000E+00
2987	407.110	-0.412000	0.000000E+00
2988	406.943	2.12500	0.000000E+00
2989	406.943	5.62500	0.000000E+00
2990	407.110	9.12500	0.000000E+00
2991	407.110	11.6670	0.000000E+00
2992	0.500000	5.62500	0.277556E-16
2993	0.500000	4.62500	-1.00000
2994	5.22100	5.62500	0.277556E-16
2995	5.22100	4.62500	-1.00000
2996	9.94200	5.62500	0.277556E-16
2997	9.94200	4.62500	-1.00000
2998	14.6630	5.62500	0.277556E-16
2999	14.6630	4.62500	-1.00000
3000	19.3840	5.62500	0.277556E-16
3001	19.3840	4.62500	-1.00000
3002	24.1050	5.62500	0.277556E-16
3003	24.1050	4.62500	-1.00000
3004	28.8260	5.62500	0.277556E-16
3005	28.8260	4.62500	-1.00000
3006	33.5470	5.62500	0.277556E-16
3007	33.5470	4.62500	-1.00000
3008	38.3980	5.62500	0.277556E-16
3009	38.3980	4.62500	-1.00000
3010	43.2490	5.62500	0.277556E-16
3011	43.2490	4.62500	-1.00000
3012	48.1000	5.62500	0.277556E-16
3013	48.1000	4.62500	-1.00000
3014	52.9510	5.62500	0.277556E-16
3015	52.9510	4.62500	-1.00000
3016	57.8020	5.62500	0.277556E-16
3017	57.8020	4.62500	-1.00000
3018	62.6530	5.62500	0.277556E-16
3019	62.6530	4.62500	-1.00000
3020	67.5040	5.62500	0.277556E-16
3021	67.5040	4.62500	-1.00000
3022	72.3550	5.62500	0.277556E-16
3023	72.3550	4.62500	-1.00000
3024	77.2060	5.62500	0.277556E-16
3025	77.2060	4.62500	-1.00000
3026	82.0570	5.62500	0.277556E-16
3027	82.0570	4.62500	-1.00000
3028	86.9100	5.62500	0.277556E-16
3029	86.9100	4.62500	-1.00000
3030	91.7630	5.62500	0.277556E-16
3031	91.7630	4.62500	-1.00000
3032	96.6160	5.62500	0.277556E-16
3033	96.6160	4.62500	-1.00000
3034	101.469	5.62500	0.277556E-16
3035	101.469	4.62500	-1.00000
3036	106.322	5.62500	0.277556E-16
3037	106.322	4.62500	-1.00000
3038	111.175	5.62500	0.277556E-16
3039	111.175	4.62500	-1.00000
3040	116.028	5.62500	0.277556E-16
3041	116.028	4.62500	-1.00000
3042	120.881	5.62500	0.277556E-16
3043	120.881	4.62500	-1.00000
3044	125.734	5.62500	0.277556E-16
3045	125.734	4.62500	-1.00000
3046	130.587	5.62500	0.277556E-16
3047	130.587	4.62500	-1.00000
3048	135.442	5.62500	0.277556E-16
3049	135.442	4.62500	-1.00000
3050	140.297	5.62500	0.277556E-16
3051	140.297	4.62500	-1.00000
3052	145.152	5.62500	0.277556E-16
3053	145.152	4.62500	-1.00000
3054	150.007	5.62500	0.277556E-16
3055	150.007	4.62500	-1.00000
3056	154.862	5.62500	0.277556E-16
3057	154.862	4.62500	-1.00000
3058	159.717	5.62500	0.277556E-16
3059	159.717	4.62500	-1.00000
3060	164.572	5.62500	0.277556E-16
3061	164.572	4.62500	-1.00000
3062	169.427	5.62500	0.277556E-16
3063	169.427	4.62500	-1.00000
3064	174.282	5.62500	0.277556E-16
3065	174.282	4.62500	-1.00000
3066	179.137	5.62500	0.277556E-16
3067	179.137	4.62500	-1.00000
3068	183.994	5.62500	0.277556E-16
3069	183.994	4.62500	-1.00000
3070	188.851	5.62500	0.277556E-16
3071	188.851	4.62500	-1.00000
3072	193.708	5.62500	0.277556E-16
3073	193.708	4.62500	-1.00000

3074	198.565	5.62500	0.277556E-16
3075	198.565	4.62500	-1.00000
3076	203.422	5.62500	0.277556E-16
3077	203.422	4.62500	-1.00000
3078	208.279	5.62500	0.277556E-16
3079	208.279	4.62500	-1.00000
3080	213.136	5.62500	0.277556E-16
3081	213.136	4.62500	-1.00000
3082	217.993	5.62500	0.277556E-16
3083	217.993	4.62500	-1.00000
3084	222.850	5.62500	0.277556E-16
3085	222.850	4.62500	-1.00000
3086	227.707	5.62500	0.277556E-16
3087	227.707	4.62500	-1.00000
3088	232.565	5.62500	0.277556E-16
3089	232.565	4.62500	-1.00000
3090	237.423	5.62500	0.277556E-16
3091	237.423	4.62500	-1.00000
3092	242.281	5.62500	0.277556E-16
3093	242.281	4.62500	-1.00000
3094	247.139	5.62500	0.277556E-16
3095	247.139	4.62500	-1.00000
3096	251.997	5.62500	0.277556E-16
3097	251.997	4.62500	-1.00000
3098	256.855	5.62500	0.277556E-16
3099	256.855	4.62500	-1.00000
3100	261.713	5.62500	0.277556E-16
3101	261.713	4.62500	-1.00000
3102	266.571	5.62500	0.277556E-16
3103	266.571	4.62500	-1.00000
3104	271.429	5.62500	0.277556E-16
3105	271.429	4.62500	-1.00000
3106	276.287	5.62500	0.277556E-16
3107	276.287	4.62500	-1.00000
3108	281.146	5.62500	0.277556E-16
3109	281.146	4.62500	-1.00000
3110	286.005	5.62500	0.277556E-16
3111	286.005	4.62500	-1.00000
3112	290.864	5.62500	0.277556E-16
3113	290.864	4.62500	-1.00000
3114	295.723	5.62500	0.277556E-16
3115	295.723	4.62500	-1.00000
3116	300.582	5.62500	0.277556E-16
3117	300.582	4.62500	-1.00000
3118	305.441	5.62500	0.277556E-16
3119	305.441	4.62500	-1.00000
3120	310.300	5.62500	0.277556E-16
3121	310.300	4.62500	-1.00000
3122	315.159	5.62500	0.277556E-16
3123	315.159	4.62500	-1.00000
3124	320.018	5.62500	0.277556E-16
3125	320.018	4.62500	-1.00000
3126	324.877	5.62500	0.277556E-16
3127	324.877	4.62500	-1.00000
3128	329.736	5.62500	0.277556E-16
3129	329.736	4.62500	-1.00000
3130	334.595	5.62500	0.277556E-16
3131	334.595	4.62500	-1.00000
3132	339.454	5.62500	0.277556E-16
3133	339.454	4.62500	-1.00000
3134	344.313	5.62500	0.277556E-16
3135	344.313	4.62500	-1.00000
3136	349.172	5.62500	0.277556E-16
3137	349.172	4.62500	-1.00000
3138	354.031	5.62500	0.277556E-16
3139	354.031	4.62500	-1.00000
3140	358.890	5.62500	0.277556E-16
3141	358.890	4.62500	-1.00000
3142	363.749	5.62500	0.277556E-16
3143	363.749	4.62500	-1.00000
3144	368.723	5.62500	0.277556E-16
3145	368.723	4.62500	-1.00000
3146	373.578	5.62500	0.277556E-16
3147	373.578	4.62500	-1.00000
3148	378.440	5.62500	0.277556E-16
3149	378.440	4.62500	-1.00000
3150	383.301	5.62500	0.277556E-16
3151	383.301	4.62500	-1.00000
3152	388.163	5.62500	0.277556E-16
3153	388.163	4.62500	-1.00000
3154	393.025	5.62500	0.277556E-16
3155	393.025	4.62500	-1.00000
3156	397.887	5.62500	0.277556E-16
3157	397.887	4.62500	-1.00000
3158	402.748	5.62500	0.277556E-16
3159	402.748	4.62500	-1.00000
3160	407.610	5.62500	0.277556E-16
3161	407.610	4.62500	-1.00000
3162	1.50000	5.62500	0.000000E+00
3163	0.500000	6.62500	0.000000E+00
3164	6.22100	5.62500	0.000000E+00
3165	5.22100	6.62500	0.000000E+00
3166	10.9420	5.62500	0.000000E+00
3167	9.94200	6.62500	0.000000E+00
3168	15.6630	5.62500	0.000000E+00
3169	14.6630	6.62500	0.000000E+00
3170	20.3840	5.62500	0.000000E+00
3171	19.3840	6.62500	0.000000E+00
3172	25.1050	5.62500	0.000000E+00
3173	24.1050	6.62500	0.000000E+00
3174	29.8260	5.62500	0.000000E+00
3175	28.8260	6.62500	0.000000E+00
3176	34.5470	5.62500	0.000000E+00
3177	33.5470	6.62500	0.000000E+00
3178	39.3980	5.62500	0.000000E+00



3179	38.3980	6.62500	0.000000E+00
3180	44.2490	5.62500	0.000000E+00
3181	43.2490	6.62500	0.000000E+00
3182	49.1000	5.62500	0.000000E+00
3183	48.1000	6.62500	0.000000E+00
3184	53.9510	5.62500	0.000000E+00
3185	52.9510	6.62500	0.000000E+00
3186	58.8020	5.62500	0.000000E+00
3187	57.8020	6.62500	0.000000E+00
3188	63.6530	5.62500	0.000000E+00
3189	62.6530	6.62500	0.000000E+00
3190	68.5040	5.62500	0.000000E+00
3191	67.5040	6.62500	0.000000E+00
3192	73.3550	5.62500	0.000000E+00
3193	72.3550	6.62500	0.000000E+00
3194	78.2060	5.62500	0.000000E+00
3195	77.2060	6.62500	0.000000E+00
3196	83.0570	5.62500	0.000000E+00
3197	82.0570	6.62500	0.000000E+00
3198	87.9100	5.62500	0.000000E+00
3199	86.9100	6.62500	0.000000E+00
3200	92.7630	5.62500	0.000000E+00
3201	91.7630	6.62500	0.000000E+00
3202	97.6160	5.62500	0.000000E+00
3203	96.6160	6.62500	0.000000E+00
3204	102.469	5.62500	0.000000E+00
3205	101.469	6.62500	0.000000E+00
3206	107.322	5.62500	0.000000E+00
3207	106.322	6.62500	0.000000E+00
3208	112.175	5.62500	0.000000E+00
3209	111.175	6.62500	0.000000E+00
3210	117.028	5.62500	0.000000E+00
3211	116.028	6.62500	0.000000E+00
3212	121.881	5.62500	0.000000E+00
3213	120.881	6.62500	0.000000E+00
3214	126.734	5.62500	0.000000E+00
3215	125.734	6.62500	0.000000E+00
3216	131.587	5.62500	0.000000E+00
3217	130.587	6.62500	0.000000E+00
3218	136.442	5.62500	0.000000E+00
3219	135.442	6.62500	0.000000E+00
3220	141.297	5.62500	0.000000E+00
3221	140.297	6.62500	0.000000E+00
3222	146.152	5.62500	0.000000E+00
3223	145.152	6.62500	0.000000E+00
3224	151.007	5.62500	0.000000E+00
3225	150.007	6.62500	0.000000E+00
3226	155.862	5.62500	0.000000E+00
3227	154.862	6.62500	0.000000E+00
3228	160.717	5.62500	0.000000E+00
3229	159.717	6.62500	0.000000E+00
3230	165.572	5.62500	0.000000E+00
3231	164.572	6.62500	0.000000E+00
3232	170.427	5.62500	0.000000E+00
3233	169.427	6.62500	0.000000E+00
3234	175.282	5.62500	0.000000E+00
3235	174.282	6.62500	0.000000E+00
3236	180.137	5.62500	0.000000E+00
3237	179.137	6.62500	0.000000E+00
3238	184.994	5.62500	0.000000E+00
3239	183.994	6.62500	0.000000E+00
3240	189.851	5.62500	0.000000E+00
3241	188.851	6.62500	0.000000E+00
3242	194.708	5.62500	0.000000E+00
3243	193.708	6.62500	0.000000E+00
3244	199.565	5.62500	0.000000E+00
3245	198.565	6.62500	0.000000E+00
3246	204.422	5.62500	0.000000E+00
3247	203.422	6.62500	0.000000E+00
3248	209.279	5.62500	0.000000E+00
3249	208.279	6.62500	0.000000E+00
3250	214.136	5.62500	0.000000E+00
3251	213.136	6.62500	0.000000E+00
3252	218.993	5.62500	0.000000E+00
3253	217.993	6.62500	0.000000E+00
3254	223.850	5.62500	0.000000E+00
3255	222.850	6.62500	0.000000E+00
3256	228.707	5.62500	0.000000E+00
3257	227.707	6.62500	0.000000E+00
3258	233.565	5.62500	0.000000E+00
3259	232.565	6.62500	0.000000E+00
3260	238.423	5.62500	0.000000E+00
3261	237.423	6.62500	0.000000E+00
3262	243.281	5.62500	0.000000E+00
3263	242.281	6.62500	0.000000E+00
3264	248.139	5.62500	0.000000E+00
3265	247.139	6.62500	0.000000E+00
3266	252.997	5.62500	0.000000E+00
3267	251.997	6.62500	0.000000E+00
3268	257.855	5.62500	0.000000E+00
3269	256.855	6.62500	0.000000E+00
3270	262.713	5.62500	0.000000E+00
3271	261.713	6.62500	0.000000E+00
3272	267.571	5.62500	0.000000E+00
3273	266.571	6.62500	0.000000E+00
3274	272.429	5.62500	0.000000E+00
3275	271.429	6.62500	0.000000E+00
3276	277.287	5.62500	0.000000E+00
3277	276.287	6.62500	0.000000E+00
3278	282.146	5.62500	0.000000E+00
3279	281.146	6.62500	0.000000E+00
3280	287.005	5.62500	0.000000E+00
3281	286.005	6.62500	0.000000E+00
3282	291.864	5.62500	0.000000E+00
3283	290.864	6.62500	0.000000E+00

3284	296.723	5.62500	0.000000E+00
3285	295.723	6.62500	0.000000E+00
3286	301.582	5.62500	0.000000E+00
3287	300.582	6.62500	0.000000E+00
3288	306.441	5.62500	0.000000E+00
3289	305.441	6.62500	0.000000E+00
3290	311.300	5.62500	0.000000E+00
3291	310.300	6.62500	0.000000E+00
3292	316.159	5.62500	0.000000E+00
3293	315.159	6.62500	0.000000E+00
3294	321.018	5.62500	0.000000E+00
3295	320.018	6.62500	0.000000E+00
3296	325.877	5.62500	0.000000E+00
3297	324.877	6.62500	0.000000E+00
3298	330.736	5.62500	0.000000E+00
3299	329.736	6.62500	0.000000E+00
3300	335.595	5.62500	0.000000E+00
3301	334.595	6.62500	0.000000E+00
3302	340.454	5.62500	0.000000E+00
3303	339.454	6.62500	0.000000E+00
3304	345.313	5.62500	0.000000E+00
3305	344.313	6.62500	0.000000E+00
3306	350.172	5.62500	0.000000E+00
3307	349.172	6.62500	0.000000E+00
3308	355.031	5.62500	0.000000E+00
3309	354.031	6.62500	0.000000E+00
3310	359.890	5.62500	0.000000E+00
3311	358.890	6.62500	0.000000E+00
3312	364.749	5.62500	0.000000E+00
3313	363.749	6.62500	0.000000E+00
3314	369.723	5.62500	0.000000E+00
3315	368.723	6.62500	0.000000E+00
3316	374.578	5.62500	0.000000E+00
3317	373.578	6.62500	0.000000E+00
3318	379.440	5.62500	0.000000E+00
3319	378.440	6.62500	0.000000E+00
3320	384.301	5.62500	0.000000E+00
3321	383.301	6.62500	0.000000E+00
3322	389.163	5.62500	0.000000E+00
3323	388.163	6.62500	0.000000E+00
3324	394.025	5.62500	0.000000E+00
3325	393.025	6.62500	0.000000E+00
3326	398.887	5.62500	0.000000E+00
3327	397.887	6.62500	0.000000E+00
3328	403.748	5.62500	0.000000E+00
3329	402.748	6.62500	0.000000E+00
3330	408.610	5.62500	0.000000E+00
3331	407.610	6.62500	0.000000E+00
3743	180.137	5.62500	-2.50000
3744	179.137	6.62500	-2.50000
3745	228.707	5.62500	-2.50000
3746	227.707	6.62500	-2.50000
3747	277.287	5.62500	-2.50000
3748	276.287	6.62500	-2.50000
3749	325.877	5.62500	-2.50000
3750	324.877	6.62500	-2.50000
3751	374.578	5.62500	-2.50000
3752	373.578	6.62500	-2.50000
3753	406.610	5.62500	-2.50000
3754	407.610	4.62500	-2.50000
8152	2.86050	0.750000	0.000000E+00
8154	7.58150	0.750000	0.000000E+00
8155	12.3025	0.750000	0.000000E+00
8156	17.0235	0.750000	0.000000E+00
8157	21.7445	0.750000	0.000000E+00
8158	26.4655	0.750000	0.000000E+00
8159	31.1865	0.750000	0.000000E+00
8161	35.9725	0.750000	0.000000E+00
8162	40.8235	0.750000	0.000000E+00
8163	45.6745	0.750000	0.000000E+00
8164	50.5255	0.750000	0.000000E+00
8166	55.3765	0.750000	0.000000E+00
8167	60.2275	0.750000	0.000000E+00
8168	65.0785	0.750000	0.000000E+00
8169	69.9295	0.750000	0.000000E+00
8170	74.7805	0.750000	0.000000E+00
8171	79.6315	0.750000	0.000000E+00
8172	84.4835	0.750000	0.000000E+00
8180	89.3365	0.750000	0.000000E+00
8182	94.1895	0.750000	0.000000E+00
8183	99.0425	0.750000	0.000000E+00
8184	103.896	0.750000	0.000000E+00
8185	108.749	0.750000	0.000000E+00
8186	113.602	0.750000	0.000000E+00
8187	118.455	0.750000	0.000000E+00
8189	123.307	0.750000	0.000000E+00
8190	128.160	0.750000	0.000000E+00
8191	133.015	0.750000	0.000000E+00
8192	137.869	0.750000	0.000000E+00
8194	142.724	0.750000	0.000000E+00
8195	147.579	0.750000	0.000000E+00
8198	152.435	0.750000	0.000000E+00
8201	157.290	0.750000	0.000000E+00
8205	162.144	0.750000	0.000000E+00
8206	166.999	0.750000	0.000000E+00
8211	171.855	0.750000	0.000000E+00
8214	176.710	0.750000	0.000000E+00
8215	181.566	0.750000	0.000000E+00
8218	186.423	0.750000	0.000000E+00
8219	191.279	0.750000	0.000000E+00
8223	196.136	0.750000	0.000000E+00
8225	200.994	0.750000	0.000000E+00
8226	205.850	0.750000	0.000000E+00
8228	210.708	0.750000	0.000000E+00
8229	215.564	0.750000	0.000000E+00

8231	220.422	0.750000	0.000000E+00
8232	225.278	0.750000	0.000000E+00
8234	230.136	0.750000	0.000000E+00
8238	234.994	0.750000	0.000000E+00
8249	239.852	0.750000	0.000000E+00
8264	244.710	0.750000	0.000000E+00
8296	249.568	0.750000	0.000000E+00
8302	254.426	0.750000	0.000000E+00
8318	259.284	0.750000	0.000000E+00
8321	264.142	0.750000	0.000000E+00
8470	269.000	0.750000	0.000000E+00
8471	273.858	0.750000	0.000000E+00
8477	278.717	0.750000	0.000000E+00
8478	283.575	0.750000	0.000000E+00
8481	288.434	0.750000	0.000000E+00
8482	293.293	0.750000	0.000000E+00
8485	298.152	0.750000	0.000000E+00
8486	303.012	0.750000	0.000000E+00
8489	307.870	0.750000	0.000000E+00
8490	312.730	0.750000	0.000000E+00
8509	317.588	0.750000	0.000000E+00
8510	322.447	0.750000	0.000000E+00
8513	327.306	0.750000	0.000000E+00
8514	332.165	0.750000	0.000000E+00
8517	337.024	0.750000	0.000000E+00
8518	341.883	0.750000	0.000000E+00
8521	346.743	0.750000	0.000000E+00
8524	351.601	0.750000	0.000000E+00
8525	356.460	0.750000	0.000000E+00
8528	361.320	0.750000	0.000000E+00
8529	366.236	0.709000	0.000000E+00
8532	371.150	0.601500	0.000000E+00
8533	376.009	0.469000	0.000000E+00
8549	380.871	0.331350	0.000000E+00
8550	385.732	0.193150	0.000000E+00
8553	390.594	0.593000E-01	0.000000E+00
8554	395.456	-0.755500E-01	0.000000E+00
8557	400.317	-0.209800	0.000000E+00
8558	405.179	-0.337250	0.000000E+00
8697	2.86050	10.5000	0.000000E+00
8750	7.58150	10.5000	0.000000E+00
8776	12.3025	10.5000	0.000000E+00
8779	17.0235	10.5000	0.000000E+00
8794	21.7445	10.5000	0.000000E+00
8804	26.4655	10.5000	0.000000E+00
8827	31.1865	10.5000	0.000000E+00
8830	35.9725	10.5000	0.000000E+00
8833	40.8235	10.5000	0.000000E+00
8967	74.7805	10.5000	0.000000E+00
8970	79.6315	10.5000	0.000000E+00
8973	84.4835	10.5000	0.000000E+00
8976	89.3365	10.5000	0.000000E+00
8978	94.1895	10.5000	0.000000E+00
8985	45.6745	10.5000	0.000000E+00
8987	50.5255	10.5000	0.000000E+00
8992	366.236	10.5410	0.000000E+00
8996	55.3765	10.5000	0.000000E+00
8998	60.2275	10.5000	0.000000E+00
9000	65.0785	10.5000	0.000000E+00
9002	69.9295	10.5000	0.000000E+00
9009	99.0425	10.5000	0.000000E+00
9012	103.896	10.5000	0.000000E+00
9015	108.749	10.5000	0.000000E+00
9018	113.602	10.5000	0.000000E+00
9024	371.150	10.6485	0.000000E+00
9026	376.009	10.7810	0.000000E+00
9028	380.871	10.9186	0.000000E+00
9030	385.732	11.0569	0.000000E+00
9033	118.455	10.5000	0.000000E+00
9037	390.594	11.1882	0.000000E+00
9041	123.307	10.5000	0.000000E+00
9043	395.456	11.3231	0.000000E+00
9048	400.317	11.4598	0.000000E+00
9062	128.160	10.5000	0.000000E+00
9065	133.015	10.5000	0.000000E+00
9068	137.869	10.5000	0.000000E+00
9071	142.724	10.5000	0.000000E+00
9074	147.579	10.5000	0.000000E+00
9081	152.435	10.5000	0.000000E+00
9083	157.290	10.5000	0.000000E+00
9085	162.144	10.5000	0.000000E+00
9087	166.999	10.5000	0.000000E+00
9089	171.855	10.5000	0.000000E+00
9096	176.710	10.5000	0.000000E+00
9098	181.566	10.5000	0.000000E+00
9100	186.423	10.5000	0.000000E+00
9102	191.279	10.5000	0.000000E+00
9104	196.136	10.5000	0.000000E+00
9106	200.994	10.5000	0.000000E+00
9226	405.179	11.5948	0.000000E+00
9228	205.850	10.5000	0.000000E+00
9230	210.708	10.5000	0.000000E+00
9232	215.564	10.5000	0.000000E+00
9234	220.422	10.5000	0.000000E+00
9236	225.278	10.5000	0.000000E+00
9241	230.136	10.5000	0.000000E+00
9243	234.994	10.5000	0.000000E+00
9245	239.852	10.5000	0.000000E+00
9248	244.710	10.5000	0.000000E+00
9251	249.568	10.5000	0.000000E+00
9254	254.426	10.5000	0.000000E+00
9256	259.284	10.5000	0.000000E+00
9260	264.142	10.5000	0.000000E+00
9269	269.000	10.5000	0.000000E+00
9272	273.858	10.5000	0.000000E+00

9275	278.717	10.5000	0.000000E+00
9278	283.575	10.5000	0.000000E+00
9283	288.434	10.5000	0.000000E+00
9285	293.293	10.5000	0.000000E+00
9287	298.152	10.5000	0.000000E+00
9289	303.012	10.5000	0.000000E+00
9291	307.870	10.5000	0.000000E+00
9295	312.730	10.5000	0.000000E+00
9299	317.588	10.5000	0.000000E+00
9302	322.447	10.5000	0.000000E+00
9305	327.306	10.5000	0.000000E+00
9308	332.165	10.5000	0.000000E+00
9315	337.024	10.5000	0.000000E+00
9318	341.883	10.5000	0.000000E+00
9321	346.743	10.5000	0.000000E+00
9324	351.601	10.5000	0.000000E+00
9327	356.460	10.5000	0.000000E+00
9333	361.320	10.5000	0.000000E+00
9974	2.86050	0.000000E+00	0.000000E+00
9976	2.86050	11.2500	0.000000E+00
9977	7.58150	0.000000E+00	0.000000E+00
9980	7.58150	11.2500	0.000000E+00
9981	12.3025	0.000000E+00	0.000000E+00
9983	12.3025	11.2500	0.000000E+00
9984	17.0235	0.000000E+00	0.000000E+00
9986	17.0235	11.2500	0.000000E+00
9987	21.7445	0.000000E+00	0.000000E+00
9989	21.7445	11.2500	0.000000E+00
9991	26.4655	0.000000E+00	0.000000E+00
9992	26.4655	11.2500	0.000000E+00
9993	31.1865	0.000000E+00	0.000000E+00
9994	31.1865	11.2500	0.000000E+00
9995	35.9725	0.000000E+00	0.000000E+00
9996	35.9725	11.2500	0.000000E+00
9997	40.8235	0.000000E+00	0.000000E+00
9998	40.8235	11.2500	0.000000E+00
9999	45.6745	0.000000E+00	0.000000E+00
10000	45.6745	11.2500	0.000000E+00
10001	50.5255	0.000000E+00	0.000000E+00
10002	50.5255	11.2500	0.000000E+00
10003	55.3765	0.000000E+00	0.000000E+00
10004	55.3765	11.2500	0.000000E+00
10006	60.2275	0.000000E+00	0.000000E+00
10007	60.2275	11.2500	0.000000E+00
10008	65.0785	0.000000E+00	0.000000E+00
10009	65.0785	11.2500	0.000000E+00
10010	69.9295	0.000000E+00	0.000000E+00
10011	69.9295	11.2500	0.000000E+00
10012	74.7805	0.000000E+00	0.000000E+00
10013	74.7805	11.2500	0.000000E+00
10014	79.6315	0.000000E+00	0.000000E+00
10015	79.6315	11.2500	0.000000E+00
10016	84.4835	0.000000E+00	0.000000E+00
10017	84.4835	11.2500	0.000000E+00
10018	89.3365	0.000000E+00	0.000000E+00
10019	89.3365	11.2500	0.000000E+00
10021	94.1895	0.000000E+00	0.000000E+00
10022	94.1895	11.2500	0.000000E+00
10023	99.0425	0.000000E+00	0.000000E+00
10024	99.0425	11.2500	0.000000E+00
10025	103.896	0.000000E+00	0.000000E+00
10026	103.896	11.2500	0.000000E+00
10027	108.749	0.000000E+00	0.000000E+00
10028	108.749	11.2500	0.000000E+00
10029	113.602	0.000000E+00	0.000000E+00
10030	113.602	11.2500	0.000000E+00
10031	118.455	0.000000E+00	0.000000E+00
10032	118.455	11.2500	0.000000E+00
10033	123.307	0.000000E+00	0.000000E+00
10034	123.307	11.2500	0.000000E+00
10035	128.160	0.000000E+00	0.000000E+00
10038	128.160	11.2500	0.000000E+00
10040	133.015	0.000000E+00	0.000000E+00
10041	133.015	11.2500	0.000000E+00
10042	137.869	0.000000E+00	0.000000E+00
10043	137.869	11.2500	0.000000E+00
10044	142.724	0.000000E+00	0.000000E+00
10045	142.724	11.2500	0.000000E+00
10046	147.579	0.000000E+00	0.000000E+00
10047	147.579	11.2500	0.000000E+00
10048	152.435	0.000000E+00	0.000000E+00
10049	152.435	11.2500	0.000000E+00
10050	157.290	0.000000E+00	0.000000E+00
10051	157.290	11.2500	0.000000E+00
10052	162.144	0.000000E+00	0.000000E+00
10053	162.144	11.2500	0.000000E+00
10055	166.999	0.000000E+00	0.000000E+00
10056	166.999	11.2500	0.000000E+00
10057	171.855	0.000000E+00	0.000000E+00
10058	171.855	11.2500	0.000000E+00
10059	176.710	0.000000E+00	0.000000E+00
10060	176.710	11.2500	0.000000E+00
10061	181.566	0.000000E+00	0.000000E+00
10062	181.566	11.2500	0.000000E+00
10063	186.423	0.000000E+00	0.000000E+00
10064	186.423	11.2500	0.000000E+00
10065	191.279	0.000000E+00	0.000000E+00
10066	191.279	11.2500	0.000000E+00
10067	196.136	0.000000E+00	0.000000E+00
10068	196.136	11.2500	0.000000E+00
10070	200.994	0.000000E+00	0.000000E+00
10071	200.994	11.2500	0.000000E+00
10072	205.850	0.000000E+00	0.000000E+00
10073	205.850	11.2500	0.000000E+00
10074	210.708	0.000000E+00	0.000000E+00

10075	210.708	11.2500	0.000000E+00
10076	215.564	0.000000E+00	0.000000E+00
10077	215.564	11.2500	0.000000E+00
10078	220.422	0.000000E+00	0.000000E+00
10079	220.422	11.2500	0.000000E+00
10080	225.278	0.000000E+00	0.000000E+00
10081	225.278	11.2500	0.000000E+00
10082	230.136	0.000000E+00	0.000000E+00
10083	230.136	11.2500	0.000000E+00
10084	234.994	0.000000E+00	0.000000E+00
10087	234.994	11.2500	0.000000E+00
10088	239.852	0.000000E+00	0.000000E+00
10090	239.852	11.2500	0.000000E+00
10091	244.710	0.000000E+00	0.000000E+00
10093	244.710	11.2500	0.000000E+00
10094	249.568	0.000000E+00	0.000000E+00
10096	249.568	11.2500	0.000000E+00
10097	254.426	0.000000E+00	0.000000E+00
10100	254.426	11.2500	0.000000E+00
10101	259.284	0.000000E+00	0.000000E+00
10102	259.284	11.2500	0.000000E+00
10103	264.142	0.000000E+00	0.000000E+00
10104	264.142	11.2500	0.000000E+00
10105	269.000	0.000000E+00	0.000000E+00
10106	269.000	11.2500	0.000000E+00
10107	273.858	0.000000E+00	0.000000E+00
10108	273.858	11.2500	0.000000E+00
10109	278.717	0.000000E+00	0.000000E+00
10110	278.717	11.2500	0.000000E+00
10112	283.575	0.000000E+00	0.000000E+00
10113	283.575	11.2500	0.000000E+00
10114	288.434	0.000000E+00	0.000000E+00
10115	288.434	11.2500	0.000000E+00
10116	293.293	0.000000E+00	0.000000E+00
10117	293.293	11.2500	0.000000E+00
10118	298.152	0.000000E+00	0.000000E+00
10119	298.152	11.2500	0.000000E+00
10120	303.012	0.000000E+00	0.000000E+00
10121	303.012	11.2500	0.000000E+00
10122	307.870	0.000000E+00	0.000000E+00
10124	307.870	11.2500	0.000000E+00
10125	312.730	0.000000E+00	0.000000E+00
10126	312.730	11.2500	0.000000E+00
10127	317.588	0.000000E+00	0.000000E+00
10128	317.588	11.2500	0.000000E+00
10129	322.447	0.000000E+00	0.000000E+00
10130	322.447	11.2500	0.000000E+00
10131	327.306	0.000000E+00	0.000000E+00
10132	327.306	11.2500	0.000000E+00
10133	332.165	0.000000E+00	0.000000E+00
10134	332.165	11.2500	0.000000E+00
10136	337.024	0.000000E+00	0.000000E+00
10138	337.024	11.2500	0.000000E+00
10139	341.883	0.000000E+00	0.000000E+00
10140	341.883	11.2500	0.000000E+00
10141	346.743	0.000000E+00	0.000000E+00
10142	346.743	11.2500	0.000000E+00
10143	351.601	0.000000E+00	0.000000E+00
10144	351.601	11.2500	0.000000E+00
10145	356.460	0.000000E+00	0.000000E+00
10146	356.460	11.2500	0.000000E+00
10147	361.320	0.000000E+00	0.000000E+00
10148	361.320	11.2500	0.000000E+00
10149	366.236	-0.410000E-01	0.000000E+00
10150	366.236	11.2910	0.000000E+00
10151	371.150	-0.148500	0.000000E+00
10153	371.150	11.3985	0.000000E+00
10154	376.009	-0.281000	0.000000E+00
10155	376.009	11.5310	0.000000E+00
10156	380.871	-0.418650	0.000000E+00
10157	380.871	11.6686	0.000000E+00
10158	385.732	-0.556850	0.000000E+00
10159	385.732	11.8069	0.000000E+00
10160	390.594	-0.690700	0.000000E+00
10161	390.594	11.9382	0.000000E+00
10162	395.456	-0.825550	0.000000E+00
10163	395.456	12.0730	0.000000E+00
10164	400.317	-0.959800	0.000000E+00
10165	400.317	12.2098	0.000000E+00
10166	405.179	-1.09225	0.000000E+00
10168	405.179	12.3447	0.000000E+00
10169	0.000000E+00	0.000000E+00	0.000000E+00
10171	0.000000E+00	0.750000	0.000000E+00
10173	0.000000E+00	2.12500	0.000000E+00
10179	0.000000E+00	9.12500	0.000000E+00
10181	0.000000E+00	10.5000	0.000000E+00
10183	0.000000E+00	11.2500	0.000000E+00
10187	0.500000	0.000000E+00	0.000000E+00
10189	0.500000	0.750000	0.000000E+00
10193	0.500000	2.12500	-1.00000
10194	0.500000	2.12500	0.000000E+00
10209	0.500000	9.12500	-1.00000
10210	0.500000	9.12500	0.000000E+00
10212	0.500000	10.5000	0.000000E+00
10214	0.500000	11.2500	0.000000E+00
10218	2.86050	2.12500	0.000000E+00
10220	2.86050	9.12500	0.000000E+00
10224	5.22100	0.000000E+00	0.000000E+00
10226	5.22100	0.750000	0.000000E+00
10228	5.22100	2.12500	-1.00000
10229	5.22100	2.12500	0.000000E+00
10240	5.22100	9.12500	-1.00000
10241	5.22100	9.12500	0.000000E+00
10243	5.22100	10.5000	0.000000E+00
10245	5.22100	11.2500	0.000000E+00

10249	7.54900	2.12500	0.000000E+00
10251	7.54900	9.12500	0.000000E+00
10255	7.58150	2.12500	0.000000E+00
10257	7.58150	9.12500	0.000000E+00
10261	9.94200	0.000000E+00	0.000000E+00
10263	9.94200	0.750000	0.000000E+00
10265	9.94200	2.12500	-1.00000
10266	9.94200	2.12500	0.000000E+00
10277	9.94200	9.12500	-1.00000
10278	9.94200	9.12500	0.000000E+00
10280	9.94200	10.5000	0.000000E+00
10282	9.94200	11.2500	0.000000E+00
10286	12.3025	2.12500	0.000000E+00
10288	12.3025	9.12500	0.000000E+00
10292	14.6630	0.000000E+00	0.000000E+00
10294	14.6630	0.750000	0.000000E+00
10296	14.6630	2.12500	-1.00000
10297	14.6630	2.12500	0.000000E+00
10308	14.6630	9.12500	-1.00000
10309	14.6630	9.12500	0.000000E+00
10311	14.6630	10.5000	0.000000E+00
10313	14.6630	11.2500	0.000000E+00
10317	17.0235	2.12500	0.000000E+00
10319	17.0235	9.12500	0.000000E+00
10323	17.5480	2.12500	0.000000E+00
10325	17.5480	9.12500	0.000000E+00
10329	19.3840	0.000000E+00	0.000000E+00
10331	19.3840	0.750000	0.000000E+00
10333	19.3840	2.12500	-1.00000
10334	19.3840	2.12500	0.000000E+00
10345	19.3840	9.12500	-1.00000
10346	19.3840	9.12500	0.000000E+00
10348	19.3840	10.5000	0.000000E+00
10350	19.3840	11.2500	0.000000E+00
10354	21.7445	2.12500	0.000000E+00
10356	21.7445	9.12500	0.000000E+00
10360	24.1050	0.000000E+00	0.000000E+00
10362	24.1050	0.750000	0.000000E+00
10364	24.1050	2.12500	-1.00000
10365	24.1050	2.12500	0.000000E+00
10376	24.1050	9.12500	-1.00000
10377	24.1050	9.12500	0.000000E+00
10379	24.1050	10.5000	0.000000E+00
10381	24.1050	11.2500	0.000000E+00
10385	26.4655	2.12500	0.000000E+00
10387	26.4655	9.12500	0.000000E+00
10391	27.5470	2.12500	0.000000E+00
10393	27.5470	9.12500	0.000000E+00
10397	28.8260	0.000000E+00	0.000000E+00
10399	28.8260	0.750000	0.000000E+00
10401	28.8260	2.12500	-1.00000
10402	28.8260	2.12500	0.000000E+00
10413	28.8260	9.12500	-1.00000
10414	28.8260	9.12500	0.000000E+00
10416	28.8260	10.5000	0.000000E+00
10418	28.8260	11.2500	0.000000E+00
10422	31.1865	2.12500	0.000000E+00
10424	31.1865	9.12500	0.000000E+00
10428	33.5470	0.000000E+00	0.000000E+00
10430	33.5470	0.750000	0.000000E+00
10434	33.5470	2.12500	-1.00000
10435	33.5470	2.12500	0.000000E+00
10450	33.5470	9.12500	-1.00000
10451	33.5470	9.12500	0.000000E+00
10453	33.5470	10.5000	0.000000E+00
10455	33.5470	11.2500	0.000000E+00
10459	35.9725	2.12500	0.000000E+00
10461	0.000000E+00	5.62500	0.000000E+00
10464	2.86050	5.62500	0.000000E+00
10467	7.54900	5.62500	0.000000E+00
10468	7.58150	5.62500	0.000000E+00
10471	12.3025	5.62500	0.000000E+00
10474	17.0235	5.62500	0.000000E+00
10475	17.5480	5.62500	0.000000E+00
10478	21.7445	5.62500	0.000000E+00
10481	26.4655	5.62500	0.000000E+00
10482	27.5470	5.62500	0.000000E+00
10485	31.1865	5.62500	0.000000E+00
10488	35.9725	5.62500	0.000000E+00
10491	39.5490	5.62500	0.000000E+00
10492	40.8235	5.62500	0.000000E+00
10495	45.6745	5.62500	0.000000E+00
10498	50.5255	5.62500	0.000000E+00
10499	51.8010	5.62500	0.000000E+00
10502	55.3765	5.62500	0.000000E+00
10505	60.2275	5.62500	0.000000E+00
10508	63.8030	5.62500	0.000000E+00
10509	65.0785	5.62500	0.000000E+00
10512	69.9295	5.62500	0.000000E+00
10515	74.7805	5.62500	0.000000E+00
10516	76.0550	5.62500	0.000000E+00
10519	79.6315	5.62500	0.000000E+00
10522	84.4835	5.62500	0.000000E+00
10525	88.0610	5.62500	0.000000E+00
10526	89.3365	5.62500	0.000000E+00
10529	94.1895	5.62500	0.000000E+00
10532	99.0425	5.62500	0.000000E+00
10533	100.318	5.62500	0.000000E+00
10536	103.896	5.62500	0.000000E+00
10539	108.749	5.62500	0.000000E+00
10542	112.325	5.62500	0.000000E+00
10543	113.602	5.62500	0.000000E+00
10546	118.455	5.62500	0.000000E+00
10549	123.307	5.62500	0.000000E+00
10550	124.582	5.62500	0.000000E+00

10553	128.160	5.62500	0.000000E+00
10556	133.015	5.62500	0.000000E+00
10559	136.594	5.62500	0.000000E+00
10560	137.869	5.62500	0.000000E+00
10563	142.724	5.62500	0.000000E+00
10566	147.579	5.62500	0.000000E+00
10567	148.856	5.62500	0.000000E+00
10570	152.435	5.62500	0.000000E+00
10573	157.290	5.62500	0.000000E+00
10576	160.868	5.62500	0.000000E+00
10577	162.144	5.62500	0.000000E+00
10580	166.999	5.62500	0.000000E+00
10583	171.855	5.62500	0.000000E+00
10584	173.130	5.62500	0.000000E+00
10587	176.710	5.62500	0.000000E+00
10590	181.566	5.62500	0.000000E+00
10593	185.147	5.62500	0.000000E+00
10594	186.423	5.62500	0.000000E+00
10597	191.279	5.62500	0.000000E+00
10600	196.136	5.62500	0.000000E+00
10601	197.414	5.62500	0.000000E+00
10604	200.994	5.62500	0.000000E+00
10607	205.850	5.62500	0.000000E+00
10610	209.430	5.62500	0.000000E+00
10611	210.708	5.62500	0.000000E+00
10614	215.564	5.62500	0.000000E+00
10617	220.422	5.62500	0.000000E+00
10618	221.697	5.62500	0.000000E+00
10621	225.278	5.62500	0.000000E+00
10624	230.136	5.62500	0.000000E+00
10627	233.716	5.62500	0.000000E+00
10628	234.994	5.62500	0.000000E+00

TOTAL NUMBER OF NODES = 3840  
LARGEST NODE NUMBER = 10628  
DATA STORAGE LOCATIONS USED = 26880

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
1	1ST NODE	=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	AREA	IYY	IZZ	KT	ASZ
2	1ST NODE	=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

Trave\_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
3	1ST NODE	=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

soletta\_estremo (soletta\_estremo (RSS D=0.3 B=0.1))  
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
4	1ST NODE	=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

soletta\_coda (soletta\_coda (RSS D=0.3 B=1.71285))  
PROPERTY

BMI21 ELEMENTS									
5	1ST NODE	AREA =0.5139	IYY =0.3854E-02	IZZ =0.1256	KT =0.1372E-01	ASZ =0.4285			
		ASY =0.4282	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.5139	IYY =0.3854E-02	IZZ =0.1256	KT =0.1372E-01	ASZ =0.4285			
		ASY =0.4282	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

soletta\_riva (soletta\_riva (RSS D=0.3 B=2.4255))  
PROPERTY

BMI21 ELEMENTS									
6	1ST NODE	AREA =0.7277	IYY =0.5457E-02	IZZ =0.3567	KT =0.2013E-01	ASZ =0.6069			
		ASY =0.6064	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7277	IYY =0.5457E-02	IZZ =0.3567	KT =0.2013E-01	ASZ =0.6069			
		ASY =0.6064	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

soletta\_transiz (soletta\_transiz (RSS D=0.3 B=2.427))  
PROPERTY

BMI21 ELEMENTS									
7	1ST NODE	AREA =0.7281	IYY =0.5461E-02	IZZ =0.3574	KT =0.2014E-01	ASZ =0.6072			
		ASY =0.6068	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7281	IYY =0.5461E-02	IZZ =0.3574	KT =0.2014E-01	ASZ =0.6072			
		ASY =0.6068	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

soletta\_tipo (soletta\_tipo (RSS D=0.3 B=2.4285))  
PROPERTY

BMI21 ELEMENTS									
8	1ST NODE	AREA =0.7286	IYY =0.5464E-02	IZZ =0.3581	KT =0.2016E-01	ASZ =0.6076			
		ASY =0.6071	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7286	IYY =0.5464E-02	IZZ =0.3581	KT =0.2016E-01	ASZ =0.6076			
		ASY =0.6071	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

C1 (Bridge deck - girder with top slab) with BDM\_Phase3  
PROPERTY

BMI21 ELEMENTS									
9	1ST NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
GEOMETRIC STIFFNESS MODIFICATION FACTORS									
	SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
	SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS									
	MF1 =0.3480E+08	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									
35	1ST NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
GEOMETRIC STIFFNESS MODIFICATION FACTORS									
	SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
	SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					



GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.3480E+08 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  
 10 1ST NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.3928E+08 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  
 36 1ST NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.3928E+08 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  
 11 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.4025E+08 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  
 37 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
 MF1 =0.4025E+08 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										
12	1ST NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.9409E+08	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										
38	1ST NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.9409E+08	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										
13	1ST NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.3828E+08	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										
39	1ST NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.3828E+08	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										
14	1ST NODE	AREA =2.697	IYY =2.449	IZZ =4.951	KT =0.2569E-01	ASZ =1.686				
		ASY =1.840	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.697	IYY =2.449	IZZ =4.951	KT =0.2569E-01	ASZ =1.686				

ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

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

GEOMETRIC MASS MODIFICATION FACTORS

MF1 =0.4025E+08 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

40 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
 2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
 ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

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

GEOMETRIC MASS MODIFICATION FACTORS

MF1 =0.4025E+08 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

georigida  
 PROPERTY

BMI21 ELEMENTS

15 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

16 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 1724

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	30	1	16	4
31	36	1	4	6
37	0	0	35	11
38	0	0	3	3
39	0	0	35	11
40	41	1	5	7
42	0	0	1	1
43	0	0	5	7
44	0	0	1	1
45	47	1	5	7
48	0	0	35	11
49	0	0	3	3
50	0	0	35	11
51	56	1	6	8
57	0	0	35	11
58	0	0	3	3
59	0	0	35	11
60	61	1	6	8
62	0	0	2	2
63	0	0	6	8
64	0	0	2	2
65	67	1	6	8
68	0	0	35	11
69	0	0	3	3
70	0	0	35	11
71	0	0	39	19
72	0	0	3	3
73	0	0	39	19
74	79	1	6	8

80	0	0	39	19
81	0	0	3	3
82	0	0	39	19
83	84	1	6	8
85	0	0	2	2
86	0	0	6	8
87	0	0	2	2
88	90	1	6	8
91	0	0	39	19
92	0	0	3	3
93	0	0	39	19
94	99	1	6	8
100	0	0	39	19
101	0	0	3	3
102	0	0	39	19
103	104	1	6	8
105	0	0	2	2
106	0	0	6	8
107	0	0	2	2
108	110	1	6	8
111	0	0	39	19
112	0	0	3	3
113	0	0	39	19
114	119	1	6	8
120	0	0	39	19
121	0	0	3	3
122	0	0	39	19
123	0	0	40	21
124	0	0	3	3
125	0	0	40	21
126	127	1	6	8
128	0	0	2	2
129	0	0	6	8
130	0	0	2	2
131	133	1	6	8
134	0	0	40	21
135	0	0	3	3
136	0	0	40	21
137	142	1	6	8
143	0	0	40	21
144	0	0	3	3
145	0	0	40	21
146	147	1	6	8
148	0	0	2	2
149	0	0	6	8
150	0	0	2	2
151	153	1	6	8
154	0	0	40	21
155	0	0	3	3
156	0	0	40	21
157	162	1	6	8
163	0	0	40	21
164	0	0	3	3
165	0	0	40	21
166	0	0	38	18
167	0	0	3	3
168	0	0	38	18
169	170	1	6	8
171	0	0	2	2
172	0	0	6	8
173	0	0	2	2
174	176	1	6	8
177	0	0	38	18
178	0	0	3	3
179	0	0	38	18
180	185	1	6	8
186	0	0	38	18
187	0	0	3	3
188	0	0	38	18
189	190	1	7	9
191	0	0	1	1
192	0	0	7	9
193	0	0	1	1
194	196	1	7	9
197	0	0	38	18
198	0	0	3	3
199	0	0	38	18
200	205	1	8	10
206	0	0	38	18
207	0	0	3	3
208	0	0	38	18
209	210	1	8	10
211	0	0	2	2
212	0	0	8	10
213	0	0	2	2
214	216	1	8	10
217	0	0	38	18
218	0	0	3	3
219	0	0	38	18
220	0	0	37	15
221	0	0	3	3
222	0	0	37	15
223	228	1	8	10
229	0	0	37	15
230	0	0	3	3
231	0	0	37	15
232	233	1	8	10
234	0	0	2	2
235	0	0	8	10
236	0	0	2	2
237	239	1	8	10
240	0	0	37	15
241	0	0	3	3
242	0	0	37	15
243	248	1	8	10

249	0	0	37	15
250	0	0	3	3
251	0	0	37	15
252	253	1	8	10
254	0	0	2	2
255	0	0	8	10
256	0	0	2	2
257	259	1	8	10
260	0	0	37	15
261	0	0	3	3
262	0	0	37	15
263	268	1	8	10
269	0	0	37	15
270	0	0	3	3
271	0	0	37	15
272	0	0	36	13
273	0	0	3	3
274	0	0	36	13
275	276	1	8	10
277	0	0	2	2
278	0	0	8	10
279	0	0	2	2
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1417	0	0	37	15
1418	1419	1	8	10
1420	0	0	2	2
1421	0	0	8	10
1422	0	0	2	2
1423	1425	1	8	10
1426	0	0	37	15

1427	0	0	3	3
1428	0	0	37	15
1429	1434	1	8	10
1435	0	0	37	15
1436	0	0	3	3
1437	0	0	37	15
1438	0	0	38	18
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1443	0	0	2	2
1444	0	0	8	10
1445	0	0	2	2
1446	1448	1	8	10
1449	0	0	38	18
1450	0	0	3	3
1451	0	0	38	18
1452	1457	1	8	10
1458	0	0	38	18
1459	0	0	3	3
1460	0	0	38	18
1461	1462	1	8	10
1463	0	0	1	1
1464	0	0	8	10
1465	0	0	1	1
1466	1468	1	8	10
1469	0	0	38	18
1470	0	0	3	3
1471	0	0	38	18
1472	1477	1	8	10
1478	0	0	38	18
1479	0	0	3	3
1480	0	0	38	18
1481	1482	1	8	10
1483	0	0	2	2
1484	0	0	8	10
1485	0	0	2	2
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1501	0	0	37	15
1502	0	0	3	3
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1505	0	0	3	3
1506	0	0	37	15
1507	1508	1	8	10
1509	0	0	2	2
1510	0	0	8	10
1511	0	0	2	2
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1529	0	0	2	2
1530	0	0	8	10
1531	0	0	2	2
1532	1534	1	8	10
1535	0	0	37	15
1536	0	0	3	3
1537	0	0	37	15
1538	1543	1	8	10
1544	0	0	37	15
1545	0	0	3	3
1546	0	0	37	15
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1552	0	0	2	2
1553	0	0	8	10
1554	0	0	2	2
1555	1557	1	8	10
1558	0	0	36	13
1559	0	0	3	3
1560	0	0	36	13
1561	1566	1	8	10
1567	0	0	36	13
1568	0	0	3	3
1569	0	0	36	13
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1588	0	0	3	3
1589	0	0	36	13
1590	1591	1	8	10
1592	0	0	2	2
1593	0	0	8	10
1594	0	0	2	2

1595	1597	1	8	10
1598	0	0	36	13
1599	0	0	3	3
1600	0	0	36	13
1601	0	0	37	15
1602	0	0	3	3
1603	0	0	37	15
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1679	0	0	38	18
1680	0	0	3	3
1681	0	0	38	18
1682	1683	1	7	9
1684	0	0	1	1
1685	0	0	7	9
1686	0	0	1	1
1687	1689	1	7	9
1690	0	0	38	18
1691	0	0	3	3
1692	0	0	38	18
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1713	0	0	40	21
1714	0	0	3	3
1715	0	0	40	21
1716	1721	1	6	8
1722	0	0	40	21
1723	0	0	3	3
1724	0	0	40	21
1725	1726	1	6	8
1727	0	0	2	2
1728	0	0	6	8
1729	0	0	2	2
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1756	0	0	39	19
1757	0	0	3	3
1758	0	0	39	19
1759	1764	1	6	8

1765	0	0	39	19
1766	0	0	3	3
1767	0	0	39	19
1768	1769	1	6	8
1770	0	0	2	2
1771	0	0	6	8
1772	0	0	2	2
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1790	0	0	2	2
1791	0	0	6	8
1792	0	0	2	2
1793	1795	1	6	8
1796	0	0	39	19
1797	0	0	3	3
1798	0	0	39	19
1799	0	0	35	11
1800	0	0	3	3
1801	0	0	35	11
1802	1807	1	6	8
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1814	0	0	6	8
1815	0	0	2	2
1816	1818	1	6	8
1819	0	0	35	11
1820	0	0	3	3
1821	0	0	35	11
1822	1827	1	6	8
1828	0	0	35	11
1829	0	0	3	3
1830	0	0	35	11
1831	1832	1	5	7
1833	0	0	1	1
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1835	0	0	1	1
1836	1838	1	5	7
1839	0	0	35	11
1840	0	0	3	3
1841	0	0	35	11
1842	1847	1	4	6
1848	1932	1	15	23
1933	2017	1	16	4

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 1132  
TOTAL NUMBER OF ELEMENTS = 2017  
LARGEST ELEMENT NUMBER = 2017  
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 40  
DATA STORAGE LOCATIONS USED = 6051

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

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

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

MATERIAL

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







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0	0	107	0	0	0	2	0	0	0	0	1	0	0
0	0	108	0	110	1	4	0	0	0	0	22	0	0
0	0	111	0	0	0	1	0	0	0	0	5	0	0
0	0	112	0	0	0	2	0	0	0	0	1	0	0
0	0	113	0	0	0	1	0	0	0	0	5	0	0
0	0	114	0	119	1	4	0	0	0	0	22	0	0
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0	0	122	0	123	1	1	0	0	0	0	5	0	0
0	0	124	0	0	0	2	0	0	0	0	1	0	0
0	0	125	0	0	0	1	0	0	0	0	5	0	0
0	0	126	0	127	1	4	0	0	0	0	22	0	0
0	0	128	0	0	0	2	0	0	0	0	1	0	0
0	0	129	0	0	0	4	0	0	0	0	22	0	0
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0	0	136	0	0	0	1	0	0	0	0	5	0	0
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0	0	149	0	0	0	4	0	0	0	0	22	0	0
0	0	150	0	0	0	2	0	0	0	0	1	0	0
0	0	151	0	153	1	4	0	0	0	0	22	0	0
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0	0	168	0	0	0	1	0	0	0	0	5	0	0
0	0	169	0	170	1	4	0	0	0	0	22	0	0
0	0	171	0	0	0	2	0	0	0	0	1	0	0
0	0	172	0	0	0	4	0	0	0	0	22	0	0
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0	0	186	0	0	0	1	0	0	0	0	5	0	0
0	0	187	0	0	0	2	0	0	0	0	1	0	0
0	0	188	0	0	0	1	0	0	0	0	5	0	0
0	0	189	0	190	1	4	0	0	0	0	22	0	0

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0	0	194	0	196	1	4	0	0	0	0	22	0	0
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0	0	200	0	205	1	4	0	0	0	0	22	0	0
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0	0	208	0	0	0	1	0	0	0	0	5	0	0
0	0	209	0	210	1	4	0	0	0	0	22	0	0
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0	0	793	0	798	1	4	0	0	0	22	0	0
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0	0	876	0	0	0	1	0	0	0	5	0	0
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0	0	1538	1543	1	4	0	0	0	0	0	22	0	0
0	0	1544	0	0	0	1	0	0	0	0	5	0	0
0	0	1545	0	0	0	2	0	0	0	0	1	0	0
0	0	1546	1547	1	1	0	0	0	0	0	5	0	0
0	0	1548	0	0	0	2	0	0	0	0	1	0	0
0	0	1549	0	0	0	1	0	0	0	0	5	0	0
0	0	1550	1551	1	4	0	0	0	0	0	22	0	0
0	0	1552	0	0	0	2	0	0	0	0	1	0	0
0	0	1553	0	0	0	4	0	0	0	0	22	0	0
0	0	1554	0	0	0	2	0	0	0	0	1	0	0
0	0	1555	1557	1	4	0	0	0	0	0	22	0	0
0	0	1558	0	0	0	1	0	0	0	0	5	0	0
0	0	1559	0	0	0	2	0	0	0	0	1	0	0
0	0	1560	0	0	0	1	0	0	0	0	5	0	0
0	0	1561	1566	1	4	0	0	0	0	0	22	0	0
0	0	1567	0	0	0	1	0	0	0	0	5	0	0
0	0	1568	0	0	0	2	0	0	0	0	1	0	0

0	0	1569	0	0	1	0	0	0	0	5	0	0
0	0	1570	0	1571	1	4	0	0	0	22	0	0
0	0	1572	0	0	0	2	0	0	0	1	0	0
0	0	1573	0	0	0	4	0	0	0	22	0	0
0	0	1574	0	0	0	2	0	0	0	1	0	0
0	0	1575	0	1577	1	4	0	0	0	22	0	0
0	0	1578	0	0	0	1	0	0	0	5	0	0
0	0	1579	0	0	0	2	0	0	0	1	0	0
0	0	1580	0	0	0	1	0	0	0	5	0	0
0	0	1581	0	1586	1	4	0	0	0	22	0	0
0	0	1587	0	0	0	1	0	0	0	5	0	0
0	0	1588	0	0	0	2	0	0	0	1	0	0
0	0	1589	0	0	0	1	0	0	0	5	0	0
0	0	1590	0	1591	1	4	0	0	0	22	0	0
0	0	1592	0	0	0	2	0	0	0	1	0	0
0	0	1593	0	0	0	4	0	0	0	22	0	0
0	0	1594	0	0	0	2	0	0	0	1	0	0
0	0	1595	0	1597	1	4	0	0	0	22	0	0
0	0	1598	0	0	0	1	0	0	0	5	0	0
0	0	1599	0	0	0	2	0	0	0	1	0	0
0	0	1600	0	1601	1	1	0	0	0	5	0	0
0	0	1602	0	0	0	2	0	0	0	1	0	0
0	0	1603	0	0	0	1	0	0	0	5	0	0
0	0	1604	0	1609	1	4	0	0	0	22	0	0
0	0	1610	0	0	0	1	0	0	0	5	0	0
0	0	1611	0	0	0	2	0	0	0	1	0	0
0	0	1612	0	0	0	1	0	0	0	5	0	0
0	0	1613	0	1614	1	4	0	0	0	22	0	0
0	0	1615	0	0	0	2	0	0	0	1	0	0
0	0	1616	0	0	0	4	0	0	0	22	0	0
0	0	1617	0	0	0	2	0	0	0	1	0	0
0	0	1618	0	1620	1	4	0	0	0	22	0	0
0	0	1621	0	0	0	1	0	0	0	5	0	0
0	0	1622	0	0	0	2	0	0	0	1	0	0
0	0	1623	0	0	0	1	0	0	0	5	0	0
0	0	1624	0	1629	1	4	0	0	0	22	0	0
0	0	1630	0	0	0	1	0	0	0	5	0	0
0	0	1631	0	0	0	2	0	0	0	1	0	0
0	0	1632	0	0	0	1	0	0	0	5	0	0
0	0	1633	0	1634	1	4	0	0	0	22	0	0
0	0	1635	0	0	0	2	0	0	0	1	0	0
0	0	1636	0	0	0	4	0	0	0	22	0	0
0	0	1637	0	0	0	2	0	0	0	1	0	0
0	0	1638	0	1640	1	4	0	0	0	22	0	0
0	0	1641	0	0	0	1	0	0	0	5	0	0
0	0	1642	0	0	0	2	0	0	0	1	0	0
0	0	1643	0	1644	1	1	0	0	0	5	0	0
0	0	1645	0	0	0	2	0	0	0	1	0	0
0	0	1646	0	0	0	1	0	0	0	5	0	0
0	0	1647	0	1652	1	4	0	0	0	22	0	0
0	0	1653	0	0	0	1	0	0	0	5	0	0
0	0	1654	0	0	0	2	0	0	0	1	0	0

0	0	1655	0	1656	1	1	0	0	0	0	5	0	0
0	0	1657	0	0	0	2	0	0	0	0	1	0	0
0	0	1658	0	1659	1	1	0	0	0	0	5	0	0
0	0	1660	0	0	0	2	0	0	0	0	1	0	0
0	0	1661	0	0	0	1	0	0	0	0	5	0	0
0	0	1662	0	1663	1	4	0	0	0	0	22	0	0
0	0	1664	0	0	0	2	0	0	0	0	1	0	0
0	0	1665	0	0	0	4	0	0	0	0	22	0	0
0	0	1666	0	0	0	2	0	0	0	0	1	0	0
0	0	1667	0	1669	1	4	0	0	0	0	22	0	0
0	0	1670	0	0	0	1	0	0	0	0	5	0	0
0	0	1671	0	0	0	2	0	0	0	0	1	0	0
0	0	1672	0	0	0	1	0	0	0	0	5	0	0
0	0	1673	0	1678	1	4	0	0	0	0	22	0	0
0	0	1679	0	0	0	1	0	0	0	0	5	0	0
0	0	1680	0	0	0	2	0	0	0	0	1	0	0
0	0	1681	0	0	0	1	0	0	0	0	5	0	0
0	0	1682	0	1683	1	4	0	0	0	0	22	0	0
0	0	1684	0	0	0	2	0	0	0	0	1	0	0
0	0	1685	0	0	0	4	0	0	0	0	22	0	0
0	0	1686	0	0	0	2	0	0	0	0	1	0	0
0	0	1687	0	1689	1	4	0	0	0	0	22	0	0
0	0	1690	0	0	0	1	0	0	0	0	5	0	0
0	0	1691	0	0	0	2	0	0	0	0	1	0	0
0	0	1692	0	0	0	1	0	0	0	0	5	0	0
0	0	1693	0	1698	1	4	0	0	0	0	22	0	0
0	0	1699	0	0	0	1	0	0	0	0	5	0	0
0	0	1700	0	0	0	2	0	0	0	0	1	0	0
0	0	1701	0	0	0	1	0	0	0	0	5	0	0
0	0	1702	0	1703	1	4	0	0	0	0	22	0	0
0	0	1704	0	0	0	2	0	0	0	0	1	0	0
0	0	1705	0	0	0	4	0	0	0	0	22	0	0
0	0	1706	0	0	0	2	0	0	0	0	1	0	0
0	0	1707	0	1709	1	4	0	0	0	0	22	0	0
0	0	1710	0	0	0	1	0	0	0	0	5	0	0
0	0	1711	0	0	0	2	0	0	0	0	1	0	0
0	0	1712	0	1713	1	1	0	0	0	0	5	0	0
0	0	1714	0	0	0	2	0	0	0	0	1	0	0
0	0	1715	0	0	0	1	0	0	0	0	5	0	0
0	0	1716	0	1721	1	4	0	0	0	0	22	0	0
0	0	1722	0	0	0	1	0	0	0	0	5	0	0
0	0	1723	0	0	0	2	0	0	0	0	1	0	0
0	0	1724	0	0	0	1	0	0	0	0	5	0	0
0	0	1725	0	1726	1	4	0	0	0	0	22	0	0
0	0	1727	0	0	0	2	0	0	0	0	1	0	0
0	0	1728	0	0	0	4	0	0	0	0	22	0	0
0	0	1729	0	0	0	2	0	0	0	0	1	0	0
0	0	1730	0	1732	1	4	0	0	0	0	22	0	0
0	0	1733	0	0	0	1	0	0	0	0	5	0	0
0	0	1734	0	0	0	2	0	0	0	0	1	0	0
0	0	1735	0	0	0	1	0	0	0	0	5	0	0
0	0	1736	0	1741	1	4	0	0	0	0	22	0	0

0	0	1742	0	0	0	1	0	0	0	0	5	0	0
0	0	1743	0	0	0	2	0	0	0	0	1	0	0
0	0	1744	0	0	0	1	0	0	0	0	5	0	0
0	0	1745	0	1746	1	4	0	0	0	0	22	0	0
0	0	1747	0	0	0	2	0	0	0	0	1	0	0
0	0	1748	0	0	0	4	0	0	0	0	22	0	0
0	0	1749	0	0	0	2	0	0	0	0	1	0	0
0	0	1750	0	1752	1	4	0	0	0	0	22	0	0
0	0	1753	0	0	0	1	0	0	0	0	5	0	0
0	0	1754	0	0	0	2	0	0	0	0	1	0	0
0	0	1755	0	1756	1	1	0	0	0	0	5	0	0
0	0	1757	0	0	0	2	0	0	0	0	1	0	0
0	0	1758	0	0	0	1	0	0	0	0	5	0	0
0	0	1759	0	1764	1	4	0	0	0	0	22	0	0
0	0	1765	0	0	0	1	0	0	0	0	5	0	0
0	0	1766	0	0	0	2	0	0	0	0	1	0	0
0	0	1767	0	0	0	1	0	0	0	0	5	0	0
0	0	1768	0	1769	1	4	0	0	0	0	22	0	0
0	0	1770	0	0	0	2	0	0	0	0	1	0	0
0	0	1771	0	0	0	4	0	0	0	0	22	0	0
0	0	1772	0	0	0	2	0	0	0	0	1	0	0
0	0	1773	0	1775	1	4	0	0	0	0	22	0	0
0	0	1776	0	0	0	1	0	0	0	0	5	0	0
0	0	1777	0	0	0	2	0	0	0	0	1	0	0
0	0	1778	0	0	0	1	0	0	0	0	5	0	0
0	0	1779	0	1784	1	4	0	0	0	0	22	0	0
0	0	1785	0	0	0	1	0	0	0	0	5	0	0
0	0	1786	0	0	0	2	0	0	0	0	1	0	0
0	0	1787	0	0	0	1	0	0	0	0	5	0	0
0	0	1788	0	1789	1	4	0	0	0	0	22	0	0
0	0	1790	0	0	0	2	0	0	0	0	1	0	0
0	0	1791	0	0	0	4	0	0	0	0	22	0	0
0	0	1792	0	0	0	2	0	0	0	0	1	0	0
0	0	1793	0	1795	1	4	0	0	0	0	22	0	0
0	0	1796	0	0	0	1	0	0	0	0	5	0	0
0	0	1797	0	0	0	2	0	0	0	0	1	0	0
0	0	1798	0	1799	1	1	0	0	0	0	5	0	0
0	0	1800	0	0	0	2	0	0	0	0	1	0	0
0	0	1801	0	0	0	1	0	0	0	0	5	0	0
0	0	1802	0	1807	1	4	0	0	0	0	22	0	0
0	0	1808	0	0	0	1	0	0	0	0	5	0	0
0	0	1809	0	0	0	2	0	0	0	0	1	0	0
0	0	1810	0	0	0	1	0	0	0	0	5	0	0
0	0	1811	0	1812	1	4	0	0	0	0	22	0	0
0	0	1813	0	0	0	2	0	0	0	0	1	0	0
0	0	1814	0	0	0	4	0	0	0	0	22	0	0
0	0	1815	0	0	0	2	0	0	0	0	1	0	0
0	0	1816	0	1818	1	4	0	0	0	0	22	0	0
0	0	1819	0	0	0	1	0	0	0	0	5	0	0
0	0	1820	0	0	0	2	0	0	0	0	1	0	0
0	0	1821	0	0	0	1	0	0	0	0	5	0	0
0	0	1822	0	1827	1	4	0	0	0	0	22	0	0

0	0	1828	0	0	0	1	0	0	0	0	5	0	0
0	0	1829	0	0	0	2	0	0	0	0	1	0	0
0	0	1830	0	0	0	1	0	0	0	0	5	0	0
0	0	1831	0	1832	1	4	0	0	0	0	22	0	0
0	0	1833	0	0	0	2	0	0	0	0	1	0	0
0	0	1834	0	0	0	4	0	0	0	0	22	0	0
0	0	1835	0	0	0	2	0	0	0	0	1	0	0
0	0	1836	0	1838	1	4	0	0	0	0	22	0	0
0	0	1839	0	0	0	1	0	0	0	0	5	0	0
0	0	1840	0	0	0	2	0	0	0	0	1	0	0
0	0	1841	0	0	0	1	0	0	0	0	5	0	0
0	0	1842	0	1847	1	4	0	0	0	0	22	0	0
0	0	1848	0	1932	1	3	0	0	0	0	6	0	0
0	0	1933	0	2017	1	8	0	0	0	0	23	0	0
0	0		0										

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 1120

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
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
2	0	0	W	1.00000
10193	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2	0	0	THX	1.00000
10193	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
2	0	0	THY	1.00000
10193	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
2	0	0	THZ	1.00000
10193	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
10193	0	0	W	-1.00000
10194	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10193	0	0	THX	-1.00000
10194	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	
10193	0	0	THY	-1.00000
10194	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	
10193	0	0	THZ	-1.00000
10194	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	
2	0	0	U	0.666667
10193	0	0	U	-0.666667
10193	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2	0	0	V	0.666667
10193	0	0	V	-0.666667
10193	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10193	0	0	U	-1.00000
10193	0	0	THY	-1.00000
10194	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10193	0	0	V	-1.00000
10193	0	0	THX	1.00000
10194	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	
5	0	0	W	1.00000
10209	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
5	0	0	THX	1.00000
10209	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	
5	0	0	THY	1.00000
10209	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	
5	0	0	THZ	1.00000
10209	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	
10209	0	0	W	-1.00000
10210	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10209	0	0	THX	-1.00000

10210 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  
10209 0 0 THY -1.00000  
10210 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  
10209 0 0 THZ -1.00000  
10210 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  
5 0 0 U 0.666667  
10209 0 0 U -0.666667  
10209 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
5 0 0 V 0.666667  
10209 0 0 V -0.666667  
10209 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10209 0 0 U -1.00000  
10209 0 0 THY -1.00000  
10210 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10209 0 0 V -1.00000  
10209 0 0 THX 1.00000  
10210 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10228 0 0 W -1.00000  
10229 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10228 0 0 THX -1.00000  
10229 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  
10228 0 0 THY -1.00000  
10229 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  
10228 0 0 THZ -1.00000  
10229 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10228 0 0 U -1.00000  
10228 0 0 THY -1.00000  
10229 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	V	-1.00000
10228	0	0	THX	1.00000
10229	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
10240	0	0	W	-1.00000
10241	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10240	0	0	THX	-1.00000
10241	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
10240	0	0	THY	-1.00000
10241	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
10240	0	0	THZ	-1.00000
10241	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
10240	0	0	U	-1.00000
10240	0	0	THY	-1.00000
10241	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10240	0	0	V	-1.00000
10240	0	0	THX	1.00000
10241	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
10265	0	0	W	-1.00000
10266	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10265	0	0	THX	-1.00000
10266	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
10265	0	0	THY	-1.00000
10266	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
10265	0	0	THZ	-1.00000
10266	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
10265	0	0	U	-1.00000
10265	0	0	THY	-1.00000
10266	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10265	0	0	V	-1.00000
10265	0	0	THX	1.00000
10266	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	W	-1.00000
10278	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THX	-1.00000
10278	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THY	-1.00000
10278	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THZ	-1.00000
10278	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	U	-1.00000
10277	0	0	THY	-1.00000
10278	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	V	-1.00000
10277	0	0	THX	1.00000
10278	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	W	-1.00000
10297	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	THX	-1.00000
10297	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	THY	-1.00000
10297	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	THZ	-1.00000
10297	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	U	-1.00000
10296	0	0	THY	-1.00000
10297	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	V	-1.00000
10296	0	0	THX	1.00000
10297	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	W	-1.00000
10309	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THX	-1.00000
10309	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THY	-1.00000
10309	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THZ	-1.00000
10309	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	U	-1.00000
10308	0	0	THY	-1.00000
10309	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	V	-1.00000
10308	0	0	THX	1.00000
10309	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	W	-1.00000
10334	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	THX	-1.00000
10334	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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10333 0 0 THY -1.00000  
10334 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10333 0 0 THZ -1.00000  
10334 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10333 0 0 U -1.00000  
10333 0 0 THY -1.00000  
10334 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 13 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10333 0 0 V -1.00000  
10333 0 0 THX 1.00000  
10334 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 W -1.00000  
10346 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 THX -1.00000  
10346 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 THY -1.00000  
10346 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 THZ -1.00000  
10346 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 U -1.00000  
10345 0 0 THY -1.00000  
10346 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 V -1.00000  
10345 0 0 THX 1.00000  
10346 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 16 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10364 0 0 W -1.00000  
10365 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10364 0 0 THX -1.00000  
10365 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THY	-1.00000
10365	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THZ	-1.00000
10365	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	U	-1.00000
10364	0	0	THY	-1.00000
10365	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	V	-1.00000
10364	0	0	THX	1.00000
10365	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	W	-1.00000
10377	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THX	-1.00000
10377	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THY	-1.00000
10377	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THZ	-1.00000
10377	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	U	-1.00000
10376	0	0	THY	-1.00000
10377	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	V	-1.00000
10376	0	0	THX	1.00000
10377	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	W	-1.00000
10402	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THX	-1.00000
10402	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THY	-1.00000
10402	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THZ	-1.00000
10402	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	U	-1.00000
10401	0	0	THY	-1.00000
10402	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	V	-1.00000
10401	0	0	THX	1.00000
10402	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	W	-1.00000
10414	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THX	-1.00000
10414	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THY	-1.00000
10414	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THZ	-1.00000
10414	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	U	-1.00000
10413	0	0	THY	-1.00000
10414	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	V	-1.00000
10413	0	0	THX	1.00000
10414	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	W	1.00000
10434	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THX	1.00000
10434	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THY	1.00000
10434	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THZ	1.00000
10434	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	W	-1.00000
10435	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THX	-1.00000
10435	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THY	-1.00000
10435	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THZ	-1.00000
10435	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	U	0.666667
10434	0	0	U	-0.666667
10434	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	V	0.666667
10434	0	0	V	-0.666667
10434	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	U	-1.00000
10434	0	0	THY	-1.00000
10435	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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10434	0	0	V	-1.00000
10434	0	0	THX	1.00000
10435	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	W	1.00000
10450	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	THX	1.00000
10450	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	THY	1.00000
10450	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	THZ	1.00000
10450	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	W	-1.00000
10451	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	THX	-1.00000
10451	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	THY	-1.00000
10451	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	THZ	-1.00000
10451	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	U	0.666667
10450	0	0	U	-0.666667
10450	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	V	0.666667
10450	0	0	V	-0.666667
10450	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	U	-1.00000
10450	0	0	THY	-1.00000
10451	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	V	-1.00000
10450	0	0	THX	1.00000
10451	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	W	-1.00000
302	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THX	-1.00000
302	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THY	-1.00000
302	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THZ	-1.00000
302	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	U	-1.00000
301	0	0	THY	-1.00000
302	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	V	-1.00000
301	0	0	THX	1.00000
302	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	W	-1.00000
314	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THX	-1.00000
314	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THY	-1.00000
314	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THZ	-1.00000
314	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	U	-1.00000
313	0	0	THY	-1.00000
314	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	V	-1.00000
313	0	0	THX	1.00000
314	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	W	-1.00000
339	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THX	-1.00000
339	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THY	-1.00000
339	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THZ	-1.00000
339	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	U	-1.00000
338	0	0	THY	-1.00000
339	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	V	-1.00000
338	0	0	THX	1.00000
339	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	W	-1.00000
351	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THX	-1.00000
351	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THY	-1.00000
351	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THZ	-1.00000
351	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	U	-1.00000
350	0	0	THY	-1.00000
351	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	V	-1.00000
350	0	0	THX	1.00000
351	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	W	-1.00000
370	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THX	-1.00000
370	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THY	-1.00000
370	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THZ	-1.00000
370	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	U	-1.00000
369	0	0	THY	-1.00000
370	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	V	-1.00000
369	0	0	THX	1.00000
370	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	W	-1.00000
382	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THX	-1.00000
382	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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381 0 0 THY -1.00000  
382 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THZ	-1.00000
382	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	U	-1.00000
381	0	0	THY	-1.00000
382	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	V	-1.00000
381	0	0	THX	1.00000
382	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	W	-1.00000
407	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THX	-1.00000
407	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THY	-1.00000
407	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THZ	-1.00000
407	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	U	-1.00000
406	0	0	THY	-1.00000
407	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	V	-1.00000
406	0	0	THX	1.00000
407	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	W	-1.00000
419	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THX	-1.00000
419	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THY	-1.00000
419	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THZ	-1.00000
419	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	U	-1.00000
418	0	0	THY	-1.00000
419	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	V	-1.00000
418	0	0	THX	1.00000
419	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	W	-1.00000
438	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THX	-1.00000
438	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THY	-1.00000
438	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THZ	-1.00000
438	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	U	-1.00000
437	0	0	THY	-1.00000
438	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	V	-1.00000
437	0	0	THX	1.00000
438	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	W	-1.00000
450	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THX	-1.00000
450	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THY	-1.00000
450	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THZ	-1.00000
450	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	U	-1.00000
449	0	0	THY	-1.00000
450	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	V	-1.00000
449	0	0	THX	1.00000
450	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	W	-1.00000
469	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THX	-1.00000
469	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THY	-1.00000
469	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THZ	-1.00000
469	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	U	-1.00000
468	0	0	THY	-1.00000
469	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	V	-1.00000
468	0	0	THX	1.00000
469	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	W	-1.00000
481	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THX	-1.00000
481	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THY	-1.00000
481	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THZ	-1.00000
481	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	U	-1.00000
480	0	0	THY	-1.00000
481	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	V	-1.00000
480	0	0	THX	1.00000
481	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	W	-1.00000
506	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	THX	-1.00000
506	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	THY	-1.00000
506	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	THZ	-1.00000
506	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	U	-1.00000
505	0	0	THY	-1.00000
506	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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505	0	0	V	-1.00000
505	0	0	THX	1.00000
506	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	W	-1.00000
518	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	THX	-1.00000
518	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	THY	-1.00000
518	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	THZ	-1.00000
518	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	U	-1.00000
517	0	0	THY	-1.00000
518	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	V	-1.00000
517	0	0	THX	1.00000
518	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	W	-1.00000
537	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THX	-1.00000
537	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THY	-1.00000
537	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THZ	-1.00000
537	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	U	-1.00000
536	0	0	THY	-1.00000
537	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	V	-1.00000
536	0	0	THX	1.00000
537	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	W	-1.00000
549	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THX	-1.00000
549	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THY	-1.00000
549	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THZ	-1.00000
549	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	U	-1.00000
548	0	0	THY	-1.00000
549	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	V	-1.00000
548	0	0	THX	1.00000
549	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	W	-1.00000
574	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THX	-1.00000
574	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THY	-1.00000
574	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THZ	-1.00000
574	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	U	-1.00000
573	0	0	THY	-1.00000
574	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	V	-1.00000
573	0	0	THX	1.00000
574	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	W	-1.00000
586	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THX	-1.00000
586	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THY	-1.00000
586	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THZ	-1.00000
586	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	U	-1.00000
585	0	0	THY	-1.00000
586	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	V	-1.00000
585	0	0	THX	1.00000
586	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	W	1.00000
606	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	THX	1.00000
606	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	THY	1.00000
606	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	THZ	1.00000
606	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	W	-1.00000
607	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THX	-1.00000
607	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THY	-1.00000
607	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THZ	-1.00000
607	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	U	0.666667
606	0	0	U	-0.666667
606	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	V	0.666667
606	0	0	V	-0.666667
606	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	U	-1.00000
606	0	0	THY	-1.00000
607	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	V	-1.00000
606	0	0	THX	1.00000
607	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	W	1.00000
622	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THX	1.00000
622	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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17	0	0	THY	1.00000
622	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THZ	1.00000
622	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	W	-1.00000
623	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THX	-1.00000
623	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THY	-1.00000
623	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	THZ	-1.00000
623	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	U	0.666667
622	0	0	U	-0.666667
622	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	V	0.666667
622	0	0	V	-0.666667
622	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	U	-1.00000
622	0	0	THY	-1.00000
623	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
622	0	0	V	-1.00000
622	0	0	THX	1.00000
623	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	W	-1.00000
642	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THX	-1.00000
642	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THY	-1.00000
642	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THZ	-1.00000
642	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	U	-1.00000
641	0	0	THY	-1.00000
642	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	V	-1.00000
641	0	0	THX	1.00000
642	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	W	-1.00000
654	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THX	-1.00000
654	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THY	-1.00000
654	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THZ	-1.00000
654	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	U	-1.00000
653	0	0	THY	-1.00000
654	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	V	-1.00000
653	0	0	THX	1.00000
654	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	W	-1.00000
679	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THX	-1.00000
679	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THY	-1.00000
679	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THZ	-1.00000
679	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	U	-1.00000
678	0	0	THY	-1.00000
679	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	V	-1.00000
678	0	0	THX	1.00000
679	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	W	-1.00000
691	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THX	-1.00000
691	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THY	-1.00000
691	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THZ	-1.00000
691	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	U	-1.00000
690	0	0	THY	-1.00000
691	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	V	-1.00000
690	0	0	THX	1.00000
691	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	W	-1.00000
710	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THX	-1.00000
710	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THY	-1.00000
710	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THZ	-1.00000
710	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	U	-1.00000
709	0	0	THY	-1.00000
710	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	V	-1.00000
709	0	0	THX	1.00000
710	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	W	-1.00000
722	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THX	-1.00000
722	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THY	-1.00000
722	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THZ	-1.00000
722	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	U	-1.00000
721	0	0	THY	-1.00000
722	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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721 0 0 V -1.00000  
721 0 0 THX 1.00000  
722 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 64 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
746 0 0 W -1.00000  
747 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
746 0 0 THX -1.00000  
747 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
746 0 0 THY -1.00000  
747 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
746 0 0 THZ -1.00000  
747 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
746 0 0 U -1.00000  
746 0 0 THY -1.00000  
747 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 64 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
746 0 0 V -1.00000  
746 0 0 THX 1.00000  
747 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 66 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
758 0 0 W -1.00000  
759 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
758 0 0 THX -1.00000  
759 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
758 0 0 THY -1.00000  
759 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
758 0 0 THZ -1.00000  
759 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
758 0 0 U -1.00000  
758 0 0 THY -1.00000  
759 0 0 U 1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	V	-1.00000
758	0	0	THX	1.00000
759	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	W	-1.00000
778	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THX	-1.00000
778	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THY	-1.00000
778	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THZ	-1.00000
778	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	U	-1.00000
777	0	0	THY	-1.00000
778	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	V	-1.00000
777	0	0	THX	1.00000
778	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	W	-1.00000
790	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THX	-1.00000
790	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THY	-1.00000
790	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THZ	-1.00000
790	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	U	-1.00000
789	0	0	THY	-1.00000
790	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	V	-1.00000
789	0	0	THX	1.00000
790	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	W	-1.00000
809	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THX	-1.00000
809	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THY	-1.00000
809	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THZ	-1.00000
809	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	U	-1.00000
808	0	0	THY	-1.00000
809	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	V	-1.00000
808	0	0	THX	1.00000
809	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	W	-1.00000
821	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THX	-1.00000
821	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THY	-1.00000
821	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THZ	-1.00000
821	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	U	-1.00000
820	0	0	THY	-1.00000
821	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	V	-1.00000
820	0	0	THX	1.00000
821	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	W	-1.00000
846	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THX	-1.00000
846	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THY	-1.00000
846	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THZ	-1.00000
846	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	U	-1.00000
845	0	0	THY	-1.00000
846	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	V	-1.00000
845	0	0	THX	1.00000
846	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	W	-1.00000
858	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THX	-1.00000
858	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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857 0 0 THY -1.00000  
858 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THZ	-1.00000
858	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	U	-1.00000
857	0	0	THY	-1.00000
858	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	V	-1.00000
857	0	0	THX	1.00000
858	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	W	-1.00000
877	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THX	-1.00000
877	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THY	-1.00000
877	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THZ	-1.00000
877	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	U	-1.00000
876	0	0	THY	-1.00000
877	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	V	-1.00000
876	0	0	THX	1.00000
877	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	W	-1.00000
889	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THX	-1.00000
889	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THY	-1.00000
889	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THZ	-1.00000
889	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	U	-1.00000
888	0	0	THY	-1.00000
889	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	V	-1.00000
888	0	0	THX	1.00000
889	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	W	-1.00000
914	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THX	-1.00000
914	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THY	-1.00000
914	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THZ	-1.00000
914	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	U	-1.00000
913	0	0	THY	-1.00000
914	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	V	-1.00000
913	0	0	THX	1.00000
914	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	W	-1.00000
926	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THX	-1.00000
926	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THY	-1.00000
926	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THZ	-1.00000
926	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	U	-1.00000
925	0	0	THY	-1.00000
926	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	V	-1.00000
925	0	0	THX	1.00000
926	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	W	1.00000
946	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THX	1.00000
946	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THY	1.00000
946	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THZ	1.00000
946	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	W	-1.00000
947	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THX	-1.00000
947	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
946	0	0	THY	-1.00000
947	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
946	0	0	THZ	-1.00000
947	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
20	0	0	U	0.666667
946	0	0	U	-0.666667
946	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
20	0	0	V	0.666667
946	0	0	V	-0.666667
946	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
946	0	0	U	-1.00000
946	0	0	THY	-1.00000
947	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
946	0	0	V	-1.00000
946	0	0	THX	1.00000
947	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
23	0	0	W	1.00000
962	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
23	0	0	THX	1.00000
962	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
23	0	0	THY	1.00000
962	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
23	0	0	THZ	1.00000
962	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
962	0	0	W	-1.00000
963	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
962	0	0	THX	-1.00000

963 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
962 0 0 THY -1.00000  
963 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
962 0 0 THZ -1.00000  
963 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
23 0 0 U 0.666667  
962 0 0 U -0.666667  
962 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
23 0 0 V 0.666667  
962 0 0 V -0.666667  
962 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
962 0 0 U -1.00000  
962 0 0 THY -1.00000  
963 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
962 0 0 V -1.00000  
962 0 0 THX 1.00000  
963 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 85 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
981 0 0 W -1.00000  
982 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
981 0 0 THX -1.00000  
982 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
981 0 0 THY -1.00000  
982 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
981 0 0 THZ -1.00000  
982 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
981 0 0 U -1.00000  
981 0 0 THY -1.00000  
982 0 0 U 1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	V	-1.00000
981	0	0	THX	1.00000
982	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	W	-1.00000
994	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THX	-1.00000
994	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THY	-1.00000
994	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THZ	-1.00000
994	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	U	-1.00000
993	0	0	THY	-1.00000
994	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	V	-1.00000
993	0	0	THX	1.00000
994	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	W	-1.00000
1019	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THX	-1.00000
1019	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THY	-1.00000
1019	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THZ	-1.00000
1019	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	U	-1.00000
1018	0	0	THY	-1.00000
1019	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	V	-1.00000
1018	0	0	THX	1.00000
1019	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	W	-1.00000
1031	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THX	-1.00000
1031	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THY	-1.00000
1031	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THZ	-1.00000
1031	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	U	-1.00000
1030	0	0	THY	-1.00000
1031	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	V	-1.00000
1030	0	0	THX	1.00000
1031	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	W	-1.00000
1050	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THX	-1.00000
1050	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THY	-1.00000
1050	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THZ	-1.00000
1050	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	U	-1.00000
1049	0	0	THY	-1.00000
1050	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	V	-1.00000
1049	0	0	THX	1.00000
1050	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	W	-1.00000
1062	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THX	-1.00000
1062	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THY	-1.00000
1062	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THZ	-1.00000
1062	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	U	-1.00000
1061	0	0	THY	-1.00000
1062	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	V	-1.00000
1061	0	0	THX	1.00000
1062	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	W	-1.00000
1087	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THX	-1.00000
1087	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1086 0 0 THY -1.00000  
1087 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THZ	-1.00000
1087	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	U	-1.00000
1086	0	0	THY	-1.00000
1087	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	V	-1.00000
1086	0	0	THX	1.00000
1087	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	W	-1.00000
1099	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THX	-1.00000
1099	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THY	-1.00000
1099	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THZ	-1.00000
1099	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	U	-1.00000
1098	0	0	THY	-1.00000
1099	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	V	-1.00000
1098	0	0	THX	1.00000
1099	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	W	-1.00000
1118	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THX	-1.00000
1118	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THY	-1.00000
1118	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THZ	-1.00000
1118	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	U	-1.00000
1117	0	0	THY	-1.00000
1118	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	V	-1.00000
1117	0	0	THX	1.00000
1118	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	W	-1.00000
1130	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THX	-1.00000
1130	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THY	-1.00000
1130	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THZ	-1.00000
1130	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	U	-1.00000
1129	0	0	THY	-1.00000
1130	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	V	-1.00000
1129	0	0	THX	1.00000
1130	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	W	-1.00000
1149	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THX	-1.00000
1149	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THY	-1.00000
1149	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THZ	-1.00000
1149	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	U	-1.00000
1148	0	0	THY	-1.00000
1149	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	V	-1.00000
1148	0	0	THX	1.00000
1149	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	W	-1.00000
1161	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THX	-1.00000
1161	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THY	-1.00000
1161	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THZ	-1.00000
1161	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	U	-1.00000
1160	0	0	THY	-1.00000
1161	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	V	-1.00000
1160	0	0	THX	1.00000
1161	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	W	-1.00000
1186	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THX	-1.00000
1186	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THY	-1.00000
1186	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THZ	-1.00000
1186	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	U	-1.00000
1185	0	0	THY	-1.00000
1186	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	V	-1.00000
1185	0	0	THX	1.00000
1186	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	W	-1.00000
1198	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	THX	-1.00000
1198	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	THY	-1.00000
1198	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	THZ	-1.00000
1198	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	U	-1.00000
1197	0	0	THY	-1.00000
1198	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1197 0 0 V -1.00000  
1197 0 0 THX 1.00000  
1198 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 W -1.00000  
1217 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 THX -1.00000  
1217 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 THY -1.00000  
1217 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 THZ -1.00000  
1217 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 U -1.00000  
1216 0 0 THY -1.00000  
1217 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 106 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1216 0 0 V -1.00000  
1216 0 0 THX 1.00000  
1217 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 108 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1228 0 0 W -1.00000  
1229 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1228 0 0 THX -1.00000  
1229 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1228 0 0 THY -1.00000  
1229 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1228 0 0 THZ -1.00000  
1229 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1228 0 0 U -1.00000  
1228 0 0 THY -1.00000  
1229 0 0 U 1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	V	-1.00000
1228	0	0	THX	1.00000
1229	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	W	-1.00000
1254	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THX	-1.00000
1254	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THY	-1.00000
1254	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THZ	-1.00000
1254	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	U	-1.00000
1253	0	0	THY	-1.00000
1254	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	V	-1.00000
1253	0	0	THX	1.00000
1254	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	W	-1.00000
1266	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THX	-1.00000
1266	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THY	-1.00000
1266	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THZ	-1.00000
1266	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	U	-1.00000
1265	0	0	THY	-1.00000
1266	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	V	-1.00000
1265	0	0	THX	1.00000
1266	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	W	1.00000
1286	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THX	1.00000
1286	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THY	1.00000
1286	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THZ	1.00000
1286	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	W	-1.00000
1287	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	THX	-1.00000
1287	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	THY	-1.00000
1287	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	THZ	-1.00000
1287	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	U	0.666667
1286	0	0	U	-0.666667
1286	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
26	0	0	V	0.666667
1286	0	0	V	-0.666667
1286	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	U	-1.00000
1286	0	0	THY	-1.00000
1287	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	V	-1.00000
1286	0	0	THX	1.00000
1287	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	W	1.00000
1302	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	THX	1.00000
1302	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	THY	1.00000
1302	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	THZ	1.00000
1302	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1302	0	0	W	-1.00000
1303	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1302	0	0	THX	-1.00000
1303	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1302	0	0	THY	-1.00000
1303	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1302	0	0	THZ	-1.00000
1303	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
30	0	0	U	0.666667
1302	0	0	U	-0.666667

1302 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
30 0 0 V 0.666667  
1302 0 0 V -0.666667  
1302 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 U -1.00000  
1302 0 0 THY -1.00000  
1303 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 V -1.00000  
1302 0 0 THX 1.00000  
1303 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 W -1.00000  
1322 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 THX -1.00000  
1322 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 THY -1.00000  
1322 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 THZ -1.00000  
1322 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 U -1.00000  
1321 0 0 THY -1.00000  
1322 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 V -1.00000  
1321 0 0 THX 1.00000  
1322 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 117 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1333 0 0 W -1.00000  
1334 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1333 0 0 THX -1.00000  
1334 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THY	-1.00000
1334	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THZ	-1.00000
1334	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	U	-1.00000
1333	0	0	THY	-1.00000
1334	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	V	-1.00000
1333	0	0	THX	1.00000
1334	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	W	-1.00000
1359	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THX	-1.00000
1359	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THY	-1.00000
1359	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THZ	-1.00000
1359	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	U	-1.00000
1358	0	0	THY	-1.00000
1359	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	V	-1.00000
1358	0	0	THX	1.00000
1359	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	W	-1.00000
1371	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THX	-1.00000
1371	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THY	-1.00000
1371	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THZ	-1.00000
1371	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	U	-1.00000
1370	0	0	THY	-1.00000
1371	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	V	-1.00000
1370	0	0	THX	1.00000
1371	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	W	-1.00000
1390	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THX	-1.00000
1390	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THY	-1.00000
1390	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THZ	-1.00000
1390	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	U	-1.00000
1389	0	0	THY	-1.00000
1390	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	V	-1.00000
1389	0	0	THX	1.00000
1390	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	W	-1.00000
1402	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THX	-1.00000
1402	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THY	-1.00000
1402	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THZ	-1.00000
1402	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	U	-1.00000
1401	0	0	THY	-1.00000
1402	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	V	-1.00000
1401	0	0	THX	1.00000
1402	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	W	-1.00000
1427	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THX	-1.00000
1427	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THY	-1.00000
1427	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THZ	-1.00000
1427	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	U	-1.00000
1426	0	0	THY	-1.00000
1427	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1426	0	0	V	-1.00000
1426	0	0	THX	1.00000
1427	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	W	-1.00000
1439	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	THX	-1.00000
1439	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	THY	-1.00000
1439	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	THZ	-1.00000
1439	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	U	-1.00000
1438	0	0	THY	-1.00000
1439	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	V	-1.00000
1438	0	0	THX	1.00000
1439	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	W	-1.00000
1458	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THX	-1.00000
1458	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THY	-1.00000
1458	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THZ	-1.00000
1458	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	U	-1.00000
1457	0	0	THY	-1.00000
1458	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	V	-1.00000
1457	0	0	THX	1.00000
1458	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	W	-1.00000
1470	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THX	-1.00000
1470	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THY	-1.00000
1470	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THZ	-1.00000
1470	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	U	-1.00000
1469	0	0	THY	-1.00000
1470	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	V	-1.00000
1469	0	0	THX	1.00000
1470	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	W	-1.00000
1489	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THX	-1.00000
1489	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THY	-1.00000
1489	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THZ	-1.00000
1489	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	U	-1.00000
1488	0	0	THY	-1.00000
1489	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	V	-1.00000
1488	0	0	THX	1.00000
1489	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	W	-1.00000
1501	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THX	-1.00000
1501	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THY	-1.00000
1501	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THZ	-1.00000
1501	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	U	-1.00000
1500	0	0	THY	-1.00000
1501	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	V	-1.00000
1500	0	0	THX	1.00000
1501	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	W	-1.00000
1526	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THX	-1.00000
1526	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THY	-1.00000
1526	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THZ	-1.00000
1526	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	U	-1.00000
1525	0	0	THY	-1.00000
1526	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	V	-1.00000
1525	0	0	THX	1.00000
1526	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	W	-1.00000
1538	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THX	-1.00000
1538	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THY	-1.00000
1538	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THZ	-1.00000
1538	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	U	-1.00000
1537	0	0	THY	-1.00000
1538	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	V	-1.00000
1537	0	0	THX	1.00000
1538	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	W	-1.00000
1557	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	THX	-1.00000
1557	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1556 0 0 THY -1.00000  
1557 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1556 0 0 THZ -1.00000  
1557 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1556 0 0 U -1.00000  
1556 0 0 THY -1.00000  
1557 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 136 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1556 0 0 V -1.00000  
1556 0 0 THX 1.00000  
1557 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 W -1.00000  
1569 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 THX -1.00000  
1569 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 THY -1.00000  
1569 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 THZ -1.00000  
1569 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 U -1.00000  
1568 0 0 THY -1.00000  
1569 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 V -1.00000  
1568 0 0 THX 1.00000  
1569 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 139 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1593 0 0 W -1.00000  
1594 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1593 0 0 THX -1.00000  
1594 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THY	-1.00000
1594	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THZ	-1.00000
1594	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	U	-1.00000
1593	0	0	THY	-1.00000
1594	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	V	-1.00000
1593	0	0	THX	1.00000
1594	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	W	-1.00000
1606	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THX	-1.00000
1606	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THY	-1.00000
1606	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THZ	-1.00000
1606	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	U	-1.00000
1605	0	0	THY	-1.00000
1606	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	V	-1.00000
1605	0	0	THX	1.00000
1606	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	W	1.00000
1626	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THX	1.00000
1626	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THY	1.00000
1626	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THZ	1.00000
1626	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	W	-1.00000
1627	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THX	-1.00000
1627	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THY	-1.00000
1627	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THZ	-1.00000
1627	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	U	0.666667
1626	0	0	U	-0.666667
1626	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	V	0.666667
1626	0	0	V	-0.666667
1626	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	U	-1.00000
1626	0	0	THY	-1.00000
1627	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	V	-1.00000
1626	0	0	THX	1.00000
1627	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	W	1.00000
1642	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	THX	1.00000
1642	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	THY	1.00000
1642	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	THZ	1.00000
1642	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	W	-1.00000
1643	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THX	-1.00000
1643	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THY	-1.00000
1643	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THZ	-1.00000
1643	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	U	0.666667
1642	0	0	U	-0.666667
1642	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	V	0.666667
1642	0	0	V	-0.666667
1642	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	U	-1.00000
1642	0	0	THY	-1.00000
1643	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1642 0 0 V -1.00000  
1642 0 0 THX 1.00000  
1643 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 W -1.00000  
1662 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 THX -1.00000  
1662 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 THY -1.00000  
1662 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 THZ -1.00000  
1662 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 U -1.00000  
1661 0 0 THY -1.00000  
1662 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 145 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1661 0 0 V -1.00000  
1661 0 0 THX 1.00000  
1662 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 147 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1673 0 0 W -1.00000  
1674 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1673 0 0 THX -1.00000  
1674 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1673 0 0 THY -1.00000  
1674 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1673 0 0 THZ -1.00000  
1674 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1673 0 0 U -1.00000  
1673 0 0 THY -1.00000  
1674 0 0 U 1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	V	-1.00000
1673	0	0	THX	1.00000
1674	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	W	-1.00000
1699	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THX	-1.00000
1699	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THY	-1.00000
1699	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THZ	-1.00000
1699	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	U	-1.00000
1698	0	0	THY	-1.00000
1699	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	V	-1.00000
1698	0	0	THX	1.00000
1699	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	W	-1.00000
1711	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THX	-1.00000
1711	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THY	-1.00000
1711	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THZ	-1.00000
1711	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	U	-1.00000
1710	0	0	THY	-1.00000
1711	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	V	-1.00000
1710	0	0	THX	1.00000
1711	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	W	-1.00000
1730	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THX	-1.00000
1730	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THY	-1.00000
1730	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THZ	-1.00000
1730	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	U	-1.00000
1729	0	0	THY	-1.00000
1730	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	V	-1.00000
1729	0	0	THX	1.00000
1730	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	W	-1.00000
1742	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THX	-1.00000
1742	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THY	-1.00000
1742	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THZ	-1.00000
1742	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	U	-1.00000
1741	0	0	THY	-1.00000
1742	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	V	-1.00000
1741	0	0	THX	1.00000
1742	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	W	-1.00000
1767	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THX	-1.00000
1767	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THY	-1.00000
1767	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THZ	-1.00000
1767	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	U	-1.00000
1766	0	0	THY	-1.00000
1767	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	V	-1.00000
1766	0	0	THX	1.00000
1767	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	W	-1.00000
1779	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	THX	-1.00000
1779	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1778 0 0 THY -1.00000  
1779 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 THZ -1.00000  
1779 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 U -1.00000  
1778 0 0 THY -1.00000  
1779 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 V -1.00000  
1778 0 0 THX 1.00000  
1779 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 W -1.00000  
1798 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 THX -1.00000  
1798 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 THY -1.00000  
1798 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 THZ -1.00000  
1798 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 U -1.00000  
1797 0 0 THY -1.00000  
1798 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 V -1.00000  
1797 0 0 THX 1.00000  
1798 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 159 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1809 0 0 W -1.00000  
1810 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1809 0 0 THX -1.00000  
1810 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THY	-1.00000
1810	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THZ	-1.00000
1810	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	U	-1.00000
1809	0	0	THY	-1.00000
1810	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	V	-1.00000
1809	0	0	THX	1.00000
1810	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	W	-1.00000
1829	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THX	-1.00000
1829	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THY	-1.00000
1829	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THZ	-1.00000
1829	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	U	-1.00000
1828	0	0	THY	-1.00000
1829	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	V	-1.00000
1828	0	0	THX	1.00000
1829	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	W	-1.00000
1841	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THX	-1.00000
1841	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THY	-1.00000
1841	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THZ	-1.00000
1841	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	U	-1.00000
1840	0	0	THY	-1.00000
1841	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	V	-1.00000
1840	0	0	THX	1.00000
1841	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	W	-1.00000
1866	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THX	-1.00000
1866	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THY	-1.00000
1866	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THZ	-1.00000
1866	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	U	-1.00000
1865	0	0	THY	-1.00000
1866	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	V	-1.00000
1865	0	0	THX	1.00000
1866	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	W	-1.00000
1878	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THX	-1.00000
1878	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THY	-1.00000
1878	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THZ	-1.00000
1878	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	U	-1.00000
1877	0	0	THY	-1.00000
1878	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	V	-1.00000
1877	0	0	THX	1.00000
1878	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	W	-1.00000
1897	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THX	-1.00000
1897	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THY	-1.00000
1897	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THZ	-1.00000
1897	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	U	-1.00000
1896	0	0	THY	-1.00000
1897	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1896	0	0	V	-1.00000
1896	0	0	THX	1.00000
1897	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	W	-1.00000
1909	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THX	-1.00000
1909	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THY	-1.00000
1909	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THZ	-1.00000
1909	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	U	-1.00000
1908	0	0	THY	-1.00000
1909	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	V	-1.00000
1908	0	0	THX	1.00000
1909	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	W	-1.00000
1934	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THX	-1.00000
1934	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THY	-1.00000
1934	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THZ	-1.00000
1934	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	U	-1.00000
1933	0	0	THY	-1.00000
1934	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	V	-1.00000
1933	0	0	THX	1.00000
1934	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	W	-1.00000
1946	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THX	-1.00000
1946	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THY	-1.00000
1946	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THZ	-1.00000
1946	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	U	-1.00000
1945	0	0	THY	-1.00000
1946	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	V	-1.00000
1945	0	0	THX	1.00000
1946	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	W	1.00000
1966	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THX	1.00000
1966	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THY	1.00000
1966	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THZ	1.00000
1966	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	W	-1.00000
1967	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THX	-1.00000
1967	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THY	-1.00000
1967	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THZ	-1.00000
1967	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	U	0.666667
1966	0	0	U	-0.666667
1966	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	V	0.666667
1966	0	0	V	-0.666667
1966	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	U	-1.00000
1966	0	0	THY	-1.00000
1967	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	V	-1.00000
1966	0	0	THX	1.00000
1967	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	W	1.00000
1982	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THX	1.00000
1982	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THY	1.00000
1982	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THZ	1.00000
1982	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	W	-1.00000
1983	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THX	-1.00000
1983	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THY	-1.00000
1983	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THZ	-1.00000
1983	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	U	0.666667
1982	0	0	U	-0.666667
1982	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	V	0.666667
1982	0	0	V	-0.666667
1982	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	U	-1.00000
1982	0	0	THY	-1.00000
1983	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	V	-1.00000
1982	0	0	THX	1.00000
1983	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	W	-1.00000
2002	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THX	-1.00000
2002	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2001 0 0 THY -1.00000  
2002 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THZ	-1.00000
2002	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	U	-1.00000
2001	0	0	THY	-1.00000
2002	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	V	-1.00000
2001	0	0	THX	1.00000
2002	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	W	-1.00000
2014	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THX	-1.00000
2014	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THY	-1.00000
2014	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THZ	-1.00000
2014	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	U	-1.00000
2013	0	0	THY	-1.00000
2014	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	V	-1.00000
2013	0	0	THX	1.00000
2014	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	W	-1.00000
2039	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THX	-1.00000
2039	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THY	-1.00000
2039	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THZ	-1.00000
2039	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	U	-1.00000
2038	0	0	THY	-1.00000
2039	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	V	-1.00000
2038	0	0	THX	1.00000
2039	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	W	-1.00000
2051	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THX	-1.00000
2051	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THY	-1.00000
2051	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THZ	-1.00000
2051	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	U	-1.00000
2050	0	0	THY	-1.00000
2051	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	V	-1.00000
2050	0	0	THX	1.00000
2051	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	W	-1.00000
2070	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THX	-1.00000
2070	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THY	-1.00000
2070	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THZ	-1.00000
2070	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	U	-1.00000
2069	0	0	THY	-1.00000
2070	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	V	-1.00000
2069	0	0	THX	1.00000
2070	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	W	-1.00000
2082	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THX	-1.00000
2082	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THY	-1.00000
2082	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THZ	-1.00000
2082	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	U	-1.00000
2081	0	0	THY	-1.00000
2082	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	V	-1.00000
2081	0	0	THX	1.00000
2082	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	W	-1.00000
2107	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THX	-1.00000
2107	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THY	-1.00000
2107	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THZ	-1.00000
2107	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	U	-1.00000
2106	0	0	THY	-1.00000
2107	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	V	-1.00000
2106	0	0	THX	1.00000
2107	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	W	-1.00000
2119	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THX	-1.00000
2119	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THY	-1.00000
2119	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THZ	-1.00000
2119	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	U	-1.00000
2118	0	0	THY	-1.00000
2119	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2118	0	0	V	-1.00000
2118	0	0	THX	1.00000
2119	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	W	-1.00000
2138	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THX	-1.00000
2138	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THY	-1.00000
2138	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THZ	-1.00000
2138	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	U	-1.00000
2137	0	0	THY	-1.00000
2138	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	V	-1.00000
2137	0	0	THX	1.00000
2138	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	W	-1.00000
2150	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THX	-1.00000
2150	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THY	-1.00000
2150	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THZ	-1.00000
2150	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	U	-1.00000
2149	0	0	THY	-1.00000
2150	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	V	-1.00000
2149	0	0	THX	1.00000
2150	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	W	-1.00000
2169	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THX	-1.00000
2169	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THY	-1.00000
2169	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THZ	-1.00000
2169	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	U	-1.00000
2168	0	0	THY	-1.00000
2169	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	V	-1.00000
2168	0	0	THX	1.00000
2169	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	W	-1.00000
2181	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THX	-1.00000
2181	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THY	-1.00000
2181	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THZ	-1.00000
2181	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	U	-1.00000
2180	0	0	THY	-1.00000
2181	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	V	-1.00000
2180	0	0	THX	1.00000
2181	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	W	-1.00000
2206	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THX	-1.00000
2206	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THY	-1.00000
2206	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THZ	-1.00000
2206	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	U	-1.00000
2205	0	0	THY	-1.00000
2206	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	V	-1.00000
2205	0	0	THX	1.00000
2206	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	W	-1.00000
2218	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	THX	-1.00000
2218	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	THY	-1.00000
2218	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	THZ	-1.00000
2218	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	U	-1.00000
2217	0	0	THY	-1.00000
2218	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	V	-1.00000
2217	0	0	THX	1.00000
2218	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	W	-1.00000
2237	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	THX	-1.00000
2237	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	THY	-1.00000
2237	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	THZ	-1.00000
2237	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	U	-1.00000
2236	0	0	THY	-1.00000
2237	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	V	-1.00000
2236	0	0	THX	1.00000
2237	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 198 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2248	0	0	W	-1.00000
2249	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2248	0	0	THX	-1.00000
2249	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2248 0 0 THY -1.00000  
2249 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 THZ -1.00000  
2249 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 U -1.00000  
2248 0 0 THY -1.00000  
2249 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 V -1.00000  
2248 0 0 THX 1.00000  
2249 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 W -1.00000  
2274 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 THX -1.00000  
2274 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 THY -1.00000  
2274 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 THZ -1.00000  
2274 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 U -1.00000  
2273 0 0 THY -1.00000  
2274 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 V -1.00000  
2273 0 0 THX 1.00000  
2274 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 201 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2285 0 0 W -1.00000  
2286 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2285 0 0 THX -1.00000  
2286 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THY	-1.00000
2286	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THZ	-1.00000
2286	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	U	-1.00000
2285	0	0	THY	-1.00000
2286	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	V	-1.00000
2285	0	0	THX	1.00000
2286	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	W	1.00000
2306	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THX	1.00000
2306	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THY	1.00000
2306	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THZ	1.00000
2306	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	W	-1.00000
2307	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THX	-1.00000
2307	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THY	-1.00000
2307	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THZ	-1.00000
2307	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	U	0.666667
2306	0	0	U	-0.666667
2306	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	V	0.666667
2306	0	0	V	-0.666667
2306	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	U	-1.00000
2306	0	0	THY	-1.00000
2307	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	V	-1.00000
2306	0	0	THX	1.00000
2307	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	W	1.00000
2322	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THX	1.00000
2322	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THY	1.00000
2322	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THZ	1.00000
2322	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	W	-1.00000
2323	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THX	-1.00000
2323	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2322	0	0	THY	-1.00000
2323	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THZ	-1.00000
2323	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	U	0.666667
2322	0	0	U	-0.666667
2322	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	V	0.666667
2322	0	0	V	-0.666667
2322	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	U	-1.00000
2322	0	0	THY	-1.00000
2323	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	V	-1.00000
2322	0	0	THX	1.00000
2323	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	W	-1.00000
2342	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	THX	-1.00000
2342	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	THY	-1.00000
2342	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	THZ	-1.00000
2342	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2341	0	0	U	-1.00000
2341	0	0	THY	-1.00000
2342	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 205 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2341	0	0	V	-1.00000
2341	0	0	THX	1.00000
2342	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	W	-1.00000
2354	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	THX	-1.00000
2354	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	THY	-1.00000
2354	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	THZ	-1.00000
2354	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	U	-1.00000
2353	0	0	THY	-1.00000
2354	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	V	-1.00000
2353	0	0	THX	1.00000
2354	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	W	-1.00000
2385	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THX	-1.00000
2385	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THY	-1.00000
2385	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THZ	-1.00000
2385	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	U	-1.00000
2384	0	0	THY	-1.00000
2385	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	V	-1.00000
2384	0	0	THX	1.00000
2385	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	W	-1.00000
2397	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THX	-1.00000
2397	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THY	-1.00000
2397	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THZ	-1.00000
2397	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	U	-1.00000
2396	0	0	THY	-1.00000
2397	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	V	-1.00000
2396	0	0	THX	1.00000
2397	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	W	-1.00000
2416	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THX	-1.00000
2416	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THY	-1.00000
2416	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THZ	-1.00000
2416	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	U	-1.00000
2415	0	0	THY	-1.00000
2416	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	V	-1.00000
2415	0	0	THX	1.00000
2416	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	W	-1.00000
2428	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THX	-1.00000
2428	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THY	-1.00000
2428	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THZ	-1.00000
2428	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	U	-1.00000
2427	0	0	THY	-1.00000
2428	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	V	-1.00000
2427	0	0	THX	1.00000
2428	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	W	-1.00000
2453	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	THX	-1.00000
2453	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	THY	-1.00000
2453	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	THZ	-1.00000
2453	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	U	-1.00000
2452	0	0	THY	-1.00000
2453	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	V	-1.00000
2452	0	0	THX	1.00000
2453	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	W	-1.00000
2465	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THX	-1.00000
2465	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THY	-1.00000
2465	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THZ	-1.00000
2465	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	U	-1.00000
2464	0	0	THY	-1.00000
2465	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	V	-1.00000
2464	0	0	THX	1.00000
2465	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	W	-1.00000
2484	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	THX	-1.00000
2484	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2483 0 0 THY -1.00000  
2484 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	THZ	-1.00000
2484	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	U	-1.00000
2483	0	0	THY	-1.00000
2484	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	V	-1.00000
2483	0	0	THX	1.00000
2484	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	W	-1.00000
2496	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THX	-1.00000
2496	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THY	-1.00000
2496	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THZ	-1.00000
2496	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	U	-1.00000
2495	0	0	THY	-1.00000
2496	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	V	-1.00000
2495	0	0	THX	1.00000
2496	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	W	-1.00000
2515	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THX	-1.00000
2515	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THY	-1.00000
2515	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THZ	-1.00000
2515	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	U	-1.00000
2514	0	0	THY	-1.00000
2515	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	V	-1.00000
2514	0	0	THX	1.00000
2515	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	W	-1.00000
2527	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THX	-1.00000
2527	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THY	-1.00000
2527	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THZ	-1.00000
2527	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	U	-1.00000
2526	0	0	THY	-1.00000
2527	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	V	-1.00000
2526	0	0	THX	1.00000
2527	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	W	-1.00000
2552	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THX	-1.00000
2552	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THY	-1.00000
2552	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THZ	-1.00000
2552	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	U	-1.00000
2551	0	0	THY	-1.00000
2552	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	V	-1.00000
2551	0	0	THX	1.00000
2552	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	W	-1.00000
2564	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THX	-1.00000
2564	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THY	-1.00000
2564	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THZ	-1.00000
2564	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	U	-1.00000
2563	0	0	THY	-1.00000
2564	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	V	-1.00000
2563	0	0	THX	1.00000
2564	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	W	-1.00000
2583	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THX	-1.00000
2583	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THY	-1.00000
2583	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THZ	-1.00000
2583	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	U	-1.00000
2582	0	0	THY	-1.00000
2583	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	V	-1.00000
2582	0	0	THX	1.00000
2583	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	W	-1.00000
2595	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THX	-1.00000
2595	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THY	-1.00000
2595	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THZ	-1.00000
2595	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	U	-1.00000
2594	0	0	THY	-1.00000
2595	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2594 0 0 V -1.00000  
2594 0 0 THX 1.00000  
2595 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	W	-1.00000
2632	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	THX	-1.00000
2632	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	THY	-1.00000
2632	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	THZ	-1.00000
2632	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	U	-1.00000
2631	0	0	THY	-1.00000
2632	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	V	-1.00000
2631	0	0	THX	1.00000
2632	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	W	-1.00000
2644	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THX	-1.00000
2644	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THY	-1.00000
2644	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THZ	-1.00000
2644	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	U	-1.00000
2643	0	0	THY	-1.00000
2644	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	V	-1.00000
2643	0	0	THX	1.00000
2644	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	W	1.00000
2664	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THX	1.00000
2664	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THY	1.00000
2664	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THZ	1.00000
2664	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	W	-1.00000
2665	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THX	-1.00000
2665	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THY	-1.00000
2665	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THZ	-1.00000
2665	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	U	0.666667
2664	0	0	U	-0.666667
2664	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	V	0.666667
2664	0	0	V	-0.666667
2664	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3



EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	U	-1.00000
2664	0	0	THY	-1.00000
2665	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	V	-1.00000
2664	0	0	THX	1.00000
2665	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	W	1.00000
2680	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THX	1.00000
2680	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THY	1.00000
2680	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THZ	1.00000
2680	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	W	-1.00000
2681	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	THX	-1.00000
2681	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	THY	-1.00000
2681	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	THZ	-1.00000
2681	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	U	0.666667
2680	0	0	U	-0.666667
2680	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
53	0	0	V	0.666667
2680	0	0	V	-0.666667
2680	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	U	-1.00000
2680	0	0	THY	-1.00000
2681	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	V	-1.00000
2680	0	0	THX	1.00000
2681	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	W	-1.00000
2700	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	THX	-1.00000
2700	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	THY	-1.00000
2700	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	THZ	-1.00000
2700	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	U	-1.00000
2699	0	0	THY	-1.00000
2700	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	V	-1.00000
2699	0	0	THX	1.00000
2700	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	W	-1.00000
2712	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THX	-1.00000
2712	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2711 0 0 THY -1.00000  
2712 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THZ	-1.00000
2712	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	U	-1.00000
2711	0	0	THY	-1.00000
2712	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	V	-1.00000
2711	0	0	THX	1.00000
2712	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	W	-1.00000
2737	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THX	-1.00000
2737	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THY	-1.00000
2737	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THZ	-1.00000
2737	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	U	-1.00000
2736	0	0	THY	-1.00000
2737	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	V	-1.00000
2736	0	0	THX	1.00000
2737	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	W	-1.00000
2749	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THX	-1.00000
2749	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THY	-1.00000
2749	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THZ	-1.00000
2749	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	U	-1.00000
2748	0	0	THY	-1.00000
2749	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	V	-1.00000
2748	0	0	THX	1.00000
2749	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	W	-1.00000
2768	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THX	-1.00000
2768	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THY	-1.00000
2768	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THZ	-1.00000
2768	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	U	-1.00000
2767	0	0	THY	-1.00000
2768	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	V	-1.00000
2767	0	0	THX	1.00000
2768	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	W	-1.00000
2780	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THX	-1.00000
2780	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THY	-1.00000
2780	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THZ	-1.00000
2780	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	U	-1.00000
2779	0	0	THY	-1.00000
2780	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	V	-1.00000
2779	0	0	THX	1.00000
2780	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	W	-1.00000
2805	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THX	-1.00000
2805	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THY	-1.00000
2805	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THZ	-1.00000
2805	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	U	-1.00000
2804	0	0	THY	-1.00000
2805	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	V	-1.00000
2804	0	0	THX	1.00000
2805	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	W	-1.00000
2817	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THX	-1.00000
2817	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THY	-1.00000
2817	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THZ	-1.00000
2817	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	U	-1.00000
2816	0	0	THY	-1.00000
2817	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	V	-1.00000
2816	0	0	THX	1.00000
2817	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	W	-1.00000
2836	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THX	-1.00000
2836	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THY	-1.00000
2836	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THZ	-1.00000
2836	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	U	-1.00000
2835	0	0	THY	-1.00000
2836	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2835	0	0	V	-1.00000
2835	0	0	THX	1.00000
2836	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	W	-1.00000
2848	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	THX	-1.00000
2848	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	THY	-1.00000
2848	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	THZ	-1.00000
2848	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	U	-1.00000
2847	0	0	THY	-1.00000
2848	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 249 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2847	0	0	V	-1.00000
2847	0	0	THX	1.00000
2848	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	W	-1.00000
2873	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THX	-1.00000
2873	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THY	-1.00000
2873	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	THZ	-1.00000
2873	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	U	-1.00000
2872	0	0	THY	-1.00000
2873	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	V	-1.00000
2872	0	0	THX	1.00000
2873	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	W	-1.00000
2885	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THX	-1.00000
2885	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THY	-1.00000
2885	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THZ	-1.00000
2885	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	U	-1.00000
2884	0	0	THY	-1.00000
2885	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	V	-1.00000
2884	0	0	THX	1.00000
2885	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	W	1.00000
2905	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	W	-1.00000
2906	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THX	-1.00000
2906	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THY	-1.00000
2906	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THZ	-1.00000
2906	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	U	0.666667
2905	0	0	U	-0.666667
2905	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	V	0.666667
2905	0	0	V	-0.666667
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	U	-1.00000
2905	0	0	THY	-1.00000
2906	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	V	-1.00000
2905	0	0	THX	1.00000
2906	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	W	1.00000
2921	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THX	1.00000
2921	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THY	1.00000
2921	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THZ	1.00000
2921	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	W	-1.00000
2922	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THX	-1.00000
2922	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THY	-1.00000
2922	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THZ	-1.00000
2922	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	U	0.666667
2921	0	0	U	-0.666667
2921	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	V	0.666667
2921	0	0	V	-0.666667
2921	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	U	-1.00000
2921	0	0	THY	-1.00000
2922	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	V	-1.00000
2921	0	0	THX	1.00000
2922	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	V	1.00000
3	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THX	1.00000
3	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1	0	0	THY	1.00000
3	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THZ	1.00000
3	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	V	-1.00000
6	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THX	-1.00000
6	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THY	-1.00000
6	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THZ	-1.00000
6	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	U	0.285714
3	0	0	U	-0.285714
3	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	W	0.285714
3	0	0	W	-0.285714
3	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	U	-0.285714
3	0	0	THZ	1.00000
6	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	W	-0.285714
3	0	0	THX	-1.00000
6	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	V	1.00000
9	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THX	1.00000
9	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THY	1.00000
9	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THZ	1.00000
9	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	V	-1.00000
12	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THX	-1.00000
12	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THY	-1.00000
12	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THZ	-1.00000
12	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	U	0.285714
9	0	0	U	-0.285714
9	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	W	0.285714
9	0	0	W	-0.285714
9	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	U	-0.285714
9	0	0	THZ	1.00000
12	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	W	-0.285714
9	0	0	THX	-1.00000
12	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	V	1.00000
15	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THX	1.00000
15	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THY	1.00000
15	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THZ	1.00000
15	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	V	-1.00000
18	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THX	-1.00000
18	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THY	-1.00000
18	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THZ	-1.00000
18	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	U	0.285714
15	0	0	U	-0.285714
15	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	W	0.285714
15	0	0	W	-0.285714
15	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	U	-0.285714
15	0	0	THZ	1.00000
18	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	W	-0.285714
15	0	0	THX	-1.00000
18	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	V	1.00000
22	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THX	1.00000
22	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THY	1.00000
22	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THZ	1.00000
22	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	V	-1.00000
24	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THX	-1.00000
24	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THY	-1.00000
24	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THZ	-1.00000
24	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	U	0.285714
22	0	0	U	-0.285714
22	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	W	0.285714
22	0	0	W	-0.285714
22	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	U	-0.285714
22	0	0	THZ	1.00000
24	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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22	0	0	W	-0.285714
22	0	0	THX	-1.00000
24	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	V	1.00000
28	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	THX	1.00000
28	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	THY	1.00000
28	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	THZ	1.00000
28	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	V	-1.00000
29	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	THX	-1.00000
29	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	THY	-1.00000
29	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	THZ	-1.00000
29	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	U	0.285714
28	0	0	U	-0.285714
28	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	W	0.285714
28	0	0	W	-0.285714
28	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	U	-0.285714
28	0	0	THZ	1.00000
29	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	W	-0.285714
28	0	0	THX	-1.000000
29	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	V	1.000000
33	0	0	V	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THX	1.000000
33	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THY	1.000000
33	0	0	THY	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THZ	1.000000
33	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	V	-1.000000
36	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THX	-1.000000
36	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THY	-1.000000
36	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THZ	-1.000000
36	0	0	THZ	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	U	0.285714
33	0	0	U	-0.285714
33	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	W	0.285714
33	0	0	W	-0.285714
33	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3



EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	U	-0.285714
33	0	0	THX	1.00000
36	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	W	-0.285714
33	0	0	THX	-1.00000
36	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	V	1.00000
40	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THX	1.00000
40	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THY	1.00000
40	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THZ	1.00000
40	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	V	-1.00000
42	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THX	-1.00000
42	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THY	-1.00000
42	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THZ	-1.00000
42	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	U	0.285714
40	0	0	U	-0.285714
40	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
-------	------	------	---------	-------------

NODE	NODE	RNCE	TYPE	
37	0	0	W	0.285714
40	0	0	W	-0.285714
40	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	U	-0.285714
40	0	0	THZ	1.00000
42	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	W	-0.285714
40	0	0	THX	-1.00000
42	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	V	1.00000
45	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THX	1.00000
45	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THY	1.00000
45	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THZ	1.00000
45	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	V	-1.00000
47	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	THX	-1.00000
47	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	THY	-1.00000
47	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	THZ	-1.00000
47	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	U	0.285714
45	0	0	U	-0.285714

45 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
43 0 0 W 0.285714  
45 0 0 W -0.285714  
45 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
45 0 0 U -0.285714  
45 0 0 THZ 1.00000  
47 0 0 U 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
45 0 0 W -0.285714  
45 0 0 THX -1.00000  
47 0 0 W 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
56 0 0 V 1.00000  
58 0 0 V -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
56 0 0 THX 1.00000  
58 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
56 0 0 THY 1.00000  
58 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
56 0 0 THZ 1.00000  
58 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
58 0 0 V -1.00000  
59 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
58 0 0 THX -1.00000  
59 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
58 0 0 THY -1.00000  
59 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
58 0 0 THZ -1.00000  
59 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	U	0.285714
58	0	0	U	-0.285714
58	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	W	0.285714
58	0	0	W	-0.285714
58	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	U	-0.285714
58	0	0	THZ	1.00000
59	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	W	-0.285714
58	0	0	THX	-1.00000
59	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	V	1.00000
52	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THX	1.00000
52	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THY	1.00000
52	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THZ	1.00000
52	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	V	-1.00000
54	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	THX	-1.00000
54	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	THY	-1.00000
54	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	THZ	-1.00000
54	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	U	0.285714
52	0	0	U	-0.285714
52	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	W	0.285714
52	0	0	W	-0.285714
52	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	U	-0.285714
52	0	0	THZ	1.00000
54	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	W	-0.285714
52	0	0	THX	-1.00000
54	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 1260  
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 3  
 LARGEST NODE NUMBER ENCOUNTERED = 10451  
 DATA STORAGE LOCATIONS USED = 10923

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
4	16	6 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
21	27	6 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
34	39	5 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
46	51	5 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
57	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 = 10  
 LARGEST NODE NUMBER = 57  
 DATA STORAGE LOCATIONS USED = 180





10365	10377	12	2602.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10385	10387	2	1897.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10391	10393	2	1301.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10402	10414	12	2006.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10422	10424	2	2602.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10435	10451	16	2638.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10459	0	0	2674.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 416  
LARGEST NODE OR ELEMENT NUMBER = 10459

L O A D C A S E 4581

Qfrict\_P8\_V2

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1	0	0	19625.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2	5	3	-19625.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
6	0	0	19625.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 4  
LARGEST NODE OR ELEMENT NUMBER = 6

L O A D C A S E 4582

Qfrict\_S2

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
55	0	0	-24000.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
56	59	3	24000.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
60	0	0	-24000.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 4  
LARGEST NODE OR ELEMENT NUMBER = 60

L O A D C A S E 6995

Qt\_P14

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1967	0	0	0.00000E+00	0.00000E+00	2129.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1983	0	0	0.00000E+00	18180.	-2129.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 2  
LARGEST NODE OR ELEMENT NUMBER = 1983

L O A D C A S E 6996

Qt\_P15

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
2307	0	0	0.00000E+00	18180.	2129.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2323	0	0	0.00000E+00	18180.	-2129.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 2  
LARGEST NODE OR ELEMENT NUMBER = 2323

L O A D C A S E 6997



Qt\_P16

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
2665	0	0	0.00000E+00	18180.	2129.9	0.00000E+00	0.00000E+00	0.00000E+00	
2681	0	0	0.00000E+00	18180.	-2129.9	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 2  
LARGEST NODE OR ELEMENT NUMBER = 2681

L O A D C A S E 6998

Qt\_S2

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
2906	0	0	0.00000E+00	18180.	2129.9	0.00000E+00	0.00000E+00	0.00000E+00	
2922	0	0	0.00000E+00	18180.	-2129.9	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 2  
LARGEST NODE OR ELEMENT NUMBER = 2922

DATA STORAGE LOCATIONS USED = 2042

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

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

FIRST	LAST	DIFF	OUTPUT	AVERAGED NODAL	NODAL FORCE	HISTORY	PLOT FILE
ELT	ELT	RNCE	CONTROL	VALUES GROUP	OUTPUT GROUP	CONTROL	CONTROL

1 2017 1 0 0 0 0 0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1  
TOTAL NUMBER OF ELEMENTS OUTPUT = 2017  
LARGEST ELEMENT NUMBER INPUT = 2017  
LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

FIRST	LAST	DIFF	OUTPUT	HISTORY
NODE	NODE	RNCE	CONTROL	CONTROL
1	3331	1	0	0
3743	3754	1	0	0
8152	8154	2	0	0
8155	8159	1	0	0
8161	8164	1	0	0
8166	8172	1	0	0
8180	8182	2	0	0
8183	8187	1	0	0
8189	8192	1	0	0
8194	8195	1	0	0
8198	8201	3	0	0
8205	8206	1	0	0
8211	8214	3	0	0
8215	8218	3	0	0
8219	8223	4	0	0
8225	8226	1	0	0
8228	8229	1	0	0
8231	8232	1	0	0
8234	8238	4	0	0
8249	8264	15	0	0
8296	8302	6	0	0
8318	8321	3	0	0
8470	8471	1	0	0
8477	8478	1	0	0
8481	8482	1	0	0
8485	8486	1	0	0
8489	8490	1	0	0
8509	8510	1	0	0
8513	8514	1	0	0
8517	8518	1	0	0
8521	8524	3	0	0
8525	8528	3	0	0

8529	8532	3	0	0
8533	8549	16	0	0
8550	8553	3	0	0
8554	8557	3	0	0
8558	8697	139	0	0
8750	8776	26	0	0
8779	8794	15	0	0
8804	8827	23	0	0
8830	8833	3	0	0
8967	8976	3	0	0
8978	8985	7	0	0
8987	8992	5	0	0
8996	9002	2	0	0
9009	9018	3	0	0
9024	9030	2	0	0
9033	9041	4	0	0
9043	9048	5	0	0
9062	9074	3	0	0
9081	9089	2	0	0
9096	9106	2	0	0
9226	9236	2	0	0
9241	9245	2	0	0
9248	9254	3	0	0
9256	9260	4	0	0
9269	9278	3	0	0
9283	9291	2	0	0
9295	9299	4	0	0
9302	9308	3	0	0
9315	9327	3	0	0
9333	9974	641	0	0
9976	9977	1	0	0
9980	9981	1	0	0
9983	9984	1	0	0
9986	9987	1	0	0
9989	9991	2	0	0
9992	10004	1	0	0
10006	10019	1	0	0
10021	10035	1	0	0
10038	10040	2	0	0
10041	10053	1	0	0
10055	10068	1	0	0
10070	10084	1	0	0
10087	10088	1	0	0
10090	10091	1	0	0
10093	10094	1	0	0
10096	10097	1	0	0
10100	10110	1	0	0
10112	10122	1	0	0
10124	10134	1	0	0
10136	10138	2	0	0
10139	10151	1	0	0
10153	10166	1	0	0
10168	10169	1	0	0
10171	10173	2	0	0
10179	10183	2	0	0
10187	10189	2	0	0
10193	10194	1	0	0
10209	10210	1	0	0
10212	10214	2	0	0
10218	10220	2	0	0
10224	10228	2	0	0
10229	10240	11	0	0
10241	10245	2	0	0
10249	10251	2	0	0
10255	10257	2	0	0
10261	10265	2	0	0
10266	10277	11	0	0
10278	10282	2	0	0
10286	10288	2	0	0
10292	10296	2	0	0
10297	10308	11	0	0
10309	10313	2	0	0
10317	10319	2	0	0
10323	10325	2	0	0
10329	10333	2	0	0
10334	10345	11	0	0
10346	10350	2	0	0
10354	10356	2	0	0
10360	10364	2	0	0
10365	10376	11	0	0
10377	10381	2	0	0
10385	10387	2	0	0
10391	10393	2	0	0
10397	10401	2	0	0
10402	10413	11	0	0
10414	10418	2	0	0
10422	10424	2	0	0
10428	10430	2	0	0
10434	10435	1	0	0
10450	10451	1	0	0
10453	10455	2	0	0
10459	10461	2	0	0
10464	10467	3	0	0
10468	10474	3	0	0
10475	10481	3	0	0
10482	10491	3	0	0
10492	10498	3	0	0
10499	10508	3	0	0
10509	10515	3	0	0
10516	10525	3	0	0
10526	10532	3	0	0
10533	10542	3	0	0
10543	10549	3	0	0
10550	10559	3	0	0
10560	10566	3	0	0

10567	10576	3	0	0
10577	10583	3	0	0
10584	10593	3	0	0
10594	10600	3	0	0
10601	10610	3	0	0
10611	10617	3	0	0
10618	10627	3	0	0
10628	0	0	0	0

TOTAL NUMBER OF NODE OUTPUT SETS	=	145
TOTAL NUMBER OF NODES OUTPUT	=	0
LARGEST NODE NUMBER INPUT	=	10628
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	=	2017
TOTAL NUMBER OF CONSTRAINTS	=	1260
TOTAL NUMBER OF NODES	=	3840
TOTAL NUMBER OF SUPPORT NODES	=	10
TOTAL NUMBER OF LOADING CASES	=	7
LOCATIONS USED DURING DATA PROCESSING	=	120047527
LOCATIONS AVAILABLE	=	150000000
TIME USED TO PROCESS INPUT DATA	=	0.35200 SEC.
TIME AT CENTRAL PROCESSOR	=	10:27:13 ON 22/06/23 (DAY/MTH/YR)

INITIAL ESTIMATE OF NUMBER OF EDGES IN STRUCTURE	=	2017
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)

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
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	1947.30	0.000000E+00	1395.74	0.139574E-01	205.563	5.62499	0.000000E+00
1	816.220	0.000000E+00	0.901082E+11	901082.	203.957	5.62500	0.000000E+00
2	1003.11	0.000000E+00	21.9904	172625.	203.668	5.62500	-0.723478
3	85.0000	0.000000E+00	850.000	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
8	0.235922E-14	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	3851.63	0.000000E+00	0.901082E+11	0.107371E+07	203.910	5.62500	-0.116317

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
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	0.611704	787.577	788.189	-16.1387	0.000000E+00	0.000000E+00
1	0.395491E+08	0.497328E+11	0.497723E+11	-0.103377E+10	0.000000E+00	0.000000E+00
2	0.635181E+07	0.960115E+10	0.960725E+10	-0.197765E+09	702508.	0.254177E+08
3	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
TOTALS FOR STRUCTURE	0.459009E+08	0.593340E+11	0.593796E+11	-0.123154E+10	702508.	0.254177E+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
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	0.170086	197.791	197.961	0.294927E-04	0.000000E+00	0.000000E+00
1	0.110383E+08	0.122493E+11	0.122603E+11	0.107288E-05	0.000000E+00	0.000000E+00
2	799488.	0.244046E+10	0.244119E+10	0.143051E-05	-0.116415E-09	-18471.0
3	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
TOTALS FOR STRUCTURE	0.119136E+08	0.146899E+11	0.147015E+11	0.321865E-04	0.229338E-07	-48716.5

MATERIAL SET	PRINCIPAL MOMENTS OF INERTIA ABOUT CENTROIDAL AXES			PRINCIPAL DIRECTIONS
	I11 KG M **2	I22 KG M **2	I33 KG M **2	
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	197.961	197.791	0.170086	( 0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00,-0.00, 0.00)
1	0.122603E+11	0.122493E+11	0.110383E+08	( 0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00, 0.00, 0.00)
2	0.244119E+10	0.244046E+10	799488.	(-0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00,-0.00, 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)
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)
TOTALS FOR STRUCTURE	0.147015E+11	0.146899E+11	0.119136E+08	(-0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00,-0.00, 0.00)

FORCE OUTPUT GROUP	Fx N	Fy N	Fz N	Mx N .M	My N .M	Mz N .M
LOAD CASE 5						
TOTALS FOR STRUCTURE	899997.	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	-0.506248E+07
LOAD CASE 4581						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE 4582						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
LOAD CASE 6995						
TOTALS FOR STRUCTURE	0.000000E+00	18180.0	0.000000E+00	-14909.1	0.000000E+00	0.502290E+07
LOAD CASE 6996						
TOTALS FOR STRUCTURE	0.000000E+00	36360.0	0.000000E+00	-14909.1	0.000000E+00	0.118125E+08
LOAD CASE 6997						
TOTALS FOR STRUCTURE	0.000000E+00	36360.0	0.000000E+00	-14909.1	0.000000E+00	0.135833E+08
LOAD CASE 6998						
TOTALS FOR STRUCTURE	0.000000E+00	36360.0	0.000000E+00	-14909.1	0.000000E+00	0.148207E+08

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2243

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.500000E-02 SEC.  
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 112110

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 6741970  
LOCATIONS AVAILABLE = 150000000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 10248  
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 10248  
TOTAL NO. OF EQUATIONS = 11508  
TOTAL NO. OF ACTIVE NODES = 1708

NUMBER OF ELEMENT GROUPS = 2  
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 1902

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 1124029  
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 3636776  
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0  
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 1260574  
TOTAL SIZE OF ELEMENT DATA RECORDS = 1196934  
TOTAL SIZE OF ELEMENT RESULT RECORDS = 3711916  
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0  
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 68528  
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 260227

TIME FOR PRE-SOLUTION PROCESS = 0.260000E-01 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:27:13 ON 22/06/23 (DAY/MTH/YR)

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

=====

= Parallel multifrontal solver statistics =

=====

Solving symmetric indefinite matrix  
Minimum degree equation re-ordering algorithm used  
Number of nonzeros in L and U = 198069  
Number of iterative refinement steps = 4  
Number of positive eigenvalues = 10188  
Number of negative eigenvalues = 1260  
Peak memory used during analysis and symbolic factorisation (MB) = 7.47  
Total peak memory used during solve (MB) = 11.08  
In-memory/out-of-memory solution executed

FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1 = 0.11687E-22  
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2 = 0.15164E-23  
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3 = 0.11337E-23  
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4 = 0.53997E-23  
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5 = 0.65202E-23  
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 6 = 0.13647E-22  
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 7 = 0.12034E-22

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

LOCATIONS USED DURING POST-SOLUTION PROCESS = 6889978  
LOCATIONS AVAILABLE = 150000000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 2017  
 ACTUAL TOTAL NO. FACES IN STRUCTURE = 0  
 TIME FOR POST-SOLUTION PROCESS = 0.45800 SEC.  
 TOTAL CPU TIME USED FOR SOLUTION = 0.83700 SEC.  
 TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 1 SECS  
 TIME AT CENTRAL PROCESSOR = 10:27:14 ON 22/06/23 (DAY/MTH/YR)

I/O STATISTICS OF MAIN DIRECT ACCESS DISK UNITS

Disk Unit Name	Disk Page Size (Bytes)	Calls to I/O Routines	Buffered Transfers	Disk Accesses	Page Table Swaps	Peak File Size (Mbytes)
PROBLEM	16384	2652	6020	1861	0	25.65625
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	6	133	66	0	1.046875
PLOT	16384	14157	17046	2875	0	45.60938
RESTART	0	0	0	0	0	0.0000000E+00

\*\*\*LUSAS RUN SUCCESSFULLY COMPLETED\*\*\*

TIME AT CENTRAL PROCESSOR = 10:27:49 ON 22/06/23 (DAY/MTH/YR)

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

VBNAM            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

VBNAM            VALUE  
IDTIME           1  
NIDX            100000  
NLPZ            150000000

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  
LLLLLLLLL    UU    UU    SS    SS    AA    AA    SS    SS  
LLLLLLLLL    UUUUUU    SSSSSS    AA    AA    SSSSSS

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

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

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

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

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

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

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

D:\SynologyDrive\01\_lavoro\48\_037\_09\_23\_632\_418\_Due\_Viadotti\_Trevalli\_Esec\_Sintagma\_LF\03\_calcoli\VI02\_molino\_vecchio\LUSASFiles  
32\Molino\_Vecchio\_rev18\_g\Molino\_Vecchio\_rev18\_g~06\_Fatica.dat

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

Memory request for 1478Mb Succeeded

TIME AT CENTRAL PROCESSOR = 10:27:49 ON 22/06/23 (DAY/MTH/YR)

P R O B L E M 1

no Title set

U N I T S N M K G S C

GRAVITY DIRECTION = Z ACCELERATION = -9.810

- O P T I O N(S) 2 SUPPRESS NODE COORDINATE CHECKS FOR SIMILAR COORDS AND MISSING NODES
- O P T I O N(S) 48 SWITCH CBF/BFP INPUT FROM FORCE/UNIT VOLUME TO ACCELERATION
- O P T I O N(S) 61 ALL TWO DIMENSIONAL SLIDELINE SURFACES DEFINED WITH OUTWARD NORMALS
- O P T I O N(S) 123 CLOCKWISE NODE NUMBERING
- O P T I O N(S) -131 PARALLEL FRONTAL SOLVER ALGORITHM
- O P T I O N(S) 242 TEMPERATURES INPUT AND OUTPUT IN DEGREES CELSIUS
- O P T I O N(S) 250 DATAFILE HAS BEEN CREATED BY MODELLER
- O P T I O N(S) 253 EMISSIVITY SPECIFIED IN THERMAL ENVIRONMENT PROPERTIES
- O P T I O N(S) 259 SAVE NODAL STRESSES IN PLOT FILE TO AVOID STRESS EXTRAPOLATION IN MODELLER
- O P T I O N(S) 272 ACTIVATE OR DEACTIVATE ELEMENTS
- O P T I O N(S) 278 ASSIGN SIX DEGREES OF FREEDOM TO ALL THICK SHELL ELEMENT NODES

O P T I O N(S) -282 F SET SLOANE FRONTAL OPTIMISER AS DEFAULT  
 O P T I O N(S) 324 SPECIFY DAMPING PROPERTIES FOR JOINT PROPERTIES GENERAL EXPLICITLY  
 O P T I O N(S) 386 USE OF WEIGHTED FORCE/STIFFNESS DISTRIBUTION WITH SLIDELINES  
 O P T I O N(S) 396 IMPROVED TOP/MIDDLE/BOTTOM TRANSVERSE SHEAR STRESS CALCULATION FOR THICK SHELL ELEMENTS  
 O P T I O N(S) 399 RETAIN INACTIVE ELEMENTS IN BIRTH AND DEATH SOLUTION (OLD ANALYSIS TYPE)  
 O P T I O N(S) 414 INTRODUCE RESIDUAL BENDING FLEXIBILITY CORRECTION FOR 2-NODE THICK BEAM BTS3  
 O P T I O N(S) 416 DATA FILE CREATED IN V15.0 OR LATER  
 O P T I O N(S) 433 USE HERMITIAN SHAPE FUNCTIONS TO FORMULATE THE MASS MATRIX FOR 2-NODE THICK BEAMS

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

ELEMENT NUMBER	ELEMENT NODE NUMBERS			
JSH4	ELEMENTS			
1	1	2	604	605
2	4	3	2678	2679
3	6	5	612	613
4	8	7	620	621
5	10	9	2903	2904
6	12	11	944	945
7	13	14	952	953
8	16	15	2911	2912
9	18	17	960	961
10	19	20	1284	1285
11	21	22	2919	2920
12	24	23	1292	1293
13	25	26	1300	1301
14	27	28	3743	3744
15	29	30	1624	1625
16	31	32	1632	1633
17	34	33	3745	3746
18	36	35	1640	1641
19	37	38	1964	1965
20	39	40	3747	3748
21	42	41	1972	1973
22	43	44	1980	1981
23	46	45	3749	3750
24	47	48	2304	2305
25	50	49	2312	2313
26	51	52	3751	3752
27	54	53	2320	2321
28	56	55	2662	2663
29	57	58	3753	3754
30	59	60	2670	2671
1933	2992	68	3162	3163
1934	2994	90	3164	3165
1935	2996	115	3166	3167
1936	2998	137	3168	3169
1937	3000	162	3170	3171
1938	3002	194	3172	3173
1939	3004	238	3174	3175
1940	3006	277	3176	3177
1941	3008	311	3178	3179
1942	3010	348	3180	3181
1943	3012	380	3182	3183
1944	3014	417	3184	3185
1945	3016	451	3186	3187
1946	3018	484	3188	3189
1947	3020	521	3190	3191
1948	3022	554	3192	3193
1949	3024	591	3194	3195
1950	3026	629	3196	3197
1951	3028	661	3198	3199
1952	3030	698	3200	3201
1953	3032	731	3202	3203
1954	3034	768	3204	3205
1955	3036	801	3206	3207
1956	3038	833	3208	3209
1957	3040	870	3210	3211
1958	3042	902	3212	3213
1959	3044	939	3214	3215
1960	3046	978	3216	3217
1961	3048	1011	3218	3219
1962	3050	1048	3220	3221
1963	3052	1080	3222	3223
1964	3054	1119	3224	3225
1965	3056	1151	3226	3227
1966	3058	1182	3228	3229
1967	3060	1220	3230	3231
1968	3062	1252	3232	3233
1969	3064	1291	3234	3235
1970	3066	1327	3236	3237
1971	3068	1361	3238	3239
1972	3070	1396	3240	3241
1973	3072	1430	3242	3243
1974	3074	1465	3244	3245
1975	3076	1497	3246	3247
1976	3078	1531	3248	3249
1977	3080	1566	3250	3251
1978	3082	1600	3252	3253
1979	3084	1639	3254	3255
1980	3086	1675	3256	3257
1981	3088	1707	3258	3259

1982	3090	1745	3260	3261
1983	3092	1776	3262	3263
1984	3094	1815	3264	3265
1985	3096	1847	3266	3267
1986	3098	1879	3268	3269
1987	3100	1916	3270	3271
1988	3102	1949	3272	3273
1989	3104	1992	3274	3275
1990	3106	2025	3276	3277
1991	3108	2057	3278	3279
1992	3110	2094	3280	3281
1993	3112	2126	3282	3283
1994	3114	2163	3284	3285
1995	3116	2196	3286	3287
1996	3118	2229	3288	3289
1997	3120	2266	3290	3291
1998	3122	2298	3292	3293
1999	3124	2343	3294	3295
2000	3126	2373	3296	3297
2001	3128	2406	3298	3299
2002	3130	2447	3300	3301
2003	3132	2480	3302	3303
2004	3134	2518	3304	3305
2005	3136	2550	3306	3307
2006	3138	2584	3308	3309
2007	3140	2619	3310	3311
2008	3142	2651	3312	3313
2009	3144	2704	3314	3315
2010	3146	2738	3316	3317
2011	3148	2770	3318	3319
2012	3150	2807	3320	3321
2013	3152	2839	3322	3323
2014	3154	2876	3324	3325
2015	3156	2910	3326	3327
2016	3158	2949	3328	3329
2017	3160	2971	3330	3331

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

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

BMI21	ELEMENTS		
31	10169	10171	61
32	10171	10173	62
33	10173	10461	63
34	10461	10179	64
35	10179	10181	65
36	10181	10183	66
37	10173	10194	67
38	10461	68	69
39	10179	10210	70
40	10187	10189	71
41	10189	10194	72
42	10193	73	74
43	10194	68	75
44	73	10209	76
45	68	10210	77
46	10210	10212	78
47	10212	10214	79
48	10194	10218	80
49	68	10464	81
50	10210	10220	82
51	9974	8152	83
52	8152	10218	84
53	10218	10464	85
54	10464	10220	86
55	10220	8697	87
56	8697	9976	88
57	10218	10229	89
58	10464	90	91
59	10220	10241	92
60	10224	10226	93
61	10226	10229	94
62	10228	95	96
63	10229	90	97
64	95	10240	98
65	90	10241	99
66	10241	10243	100
67	10243	10245	101
68	10229	10249	102
69	90	10467	103
70	10241	10251	104
71	10249	10255	105
72	10467	10468	106
73	10251	10257	107
74	9977	8154	108
75	8154	10255	109
76	10255	10468	110
77	10468	10257	111
78	10257	8750	112
79	8750	9980	113
80	10255	10266	114
81	10468	115	116
82	10257	10278	117
83	10261	10263	118
84	10263	10266	119
85	10265	120	121
86	10266	115	122
87	120	10277	123
88	115	10278	124
89	10278	10280	125



90	10280	10282	126
91	10266	10286	127
92	115	10471	128
93	10278	10288	129
94	9981	8155	130
95	8155	10286	131
96	10286	10471	132
97	10471	10288	133
98	10288	8776	134
99	8776	9983	135
100	10286	10297	136
101	10471	137	138
102	10288	10309	139
103	10292	10294	140
104	10294	10297	141
105	10296	142	143
106	10297	137	144
107	142	10308	145
108	137	10309	146
109	10309	10311	147
110	10311	10313	148
111	10297	10317	149
112	137	10474	150
113	10309	10319	151
114	9984	8156	152
115	8156	10317	153
116	10317	10474	154
117	10474	10319	155
118	10319	8779	156
119	8779	9986	157
120	10317	10323	158
121	10474	10475	159
122	10319	10325	160
123	10323	10334	161
124	10475	162	163
125	10325	10346	164
126	10329	10331	165
127	10331	10334	166
128	10333	167	168
129	10334	162	169
130	167	10345	170
131	162	10346	172
132	10346	10348	173
133	10348	10350	176
134	10334	10354	177
135	162	10478	179
136	10346	10356	180
137	9987	8157	182
138	8157	10354	183
139	10354	10478	186
140	10478	10356	187
141	10356	8794	189
142	8794	9989	190
143	10354	10365	193
144	10478	194	196
145	10356	10377	197
146	10360	10362	199
147	10362	10365	200
148	10364	203	204
149	10365	194	206
150	203	10376	207
151	194	10377	210
152	10377	10379	211
153	10379	10381	213
154	10365	10385	214
155	194	10481	216
156	10377	10387	217
157	9991	8158	220
158	8158	10385	221
159	10385	10481	223
160	10481	10387	224
161	10387	8804	227
162	8804	9992	228
163	10385	10391	230
164	10481	10482	231
165	10387	10393	233
166	10391	10402	234
167	10482	238	239
168	10393	10414	241
169	10397	10399	242
170	10399	10402	245
171	10401	246	248
172	10402	238	249
173	246	10413	251
174	238	10414	252
175	10414	10416	255
176	10416	10418	256
177	10402	10422	258
178	238	10485	259
179	10414	10424	264
180	9993	8159	265
181	8159	10422	267
182	10422	10485	268
183	10485	10424	270
184	10424	8827	271
185	8827	9994	274
186	10422	10435	275
187	10485	277	278
188	10424	10451	281
189	10428	10430	282
190	10430	10435	284
191	10434	287	288
192	10435	277	290
193	287	10450	291
194	277	10451	294

195	10451	10453	295
196	10453	10455	296
197	10435	10459	298
198	277	10488	300
199	10451	293	303
200	9995	8161	304
201	8161	10459	305
202	10459	10488	306
203	10488	293	307
204	293	8830	308
205	8830	9996	309
206	10459	302	310
207	10488	311	312
208	293	314	315
209	297	299	317
210	299	302	319
211	301	320	321
212	302	311	323
213	320	313	325
214	311	314	326
215	314	316	327
216	316	318	329
217	302	322	331
218	311	10491	332
219	314	324	333
220	322	328	335
221	10491	10492	337
222	324	330	340
223	9997	8162	341
224	8162	328	342
225	328	10492	343
226	10492	330	344
227	330	8833	345
228	8833	9998	346
229	328	339	347
230	10492	348	349
231	330	351	352
232	334	336	354
233	336	339	356
234	338	357	358
235	339	348	360
236	357	350	362
237	348	351	363
238	351	353	364
239	353	355	366
240	339	359	368
241	348	10495	371
242	351	361	372
243	9999	8163	373
244	8163	359	374
245	359	10495	375
246	10495	361	376
247	361	8985	377
248	8985	10000	378
249	359	370	379
250	10495	380	383
251	361	382	385
252	365	367	387
253	367	370	388
254	369	389	391
255	370	380	393
256	389	381	394
257	380	382	395
258	382	384	397
259	384	386	399
260	370	390	400
261	380	10498	401
262	382	392	403
263	10001	8164	405
264	8164	390	408
265	390	10498	409
266	10498	392	410
267	392	8987	411
268	8987	10002	412
269	390	396	413
270	10498	10499	414
271	392	398	415
272	396	407	416
273	10499	417	420
274	398	419	422
275	402	404	424
276	404	407	425
277	406	426	428
278	407	417	430
279	426	418	431
280	417	419	432
281	419	421	434
282	421	423	436
283	407	427	439
284	417	10502	440
285	419	429	441
286	10003	8166	442
287	8166	427	443
288	427	10502	444
289	10502	429	445
290	429	8996	446
291	8996	10004	447
292	427	438	448
293	10502	451	453
294	429	450	455
295	433	435	456
296	435	438	457
297	437	459	461
298	438	451	462
299	459	449	463

300	451	450	465
301	450	452	467
302	452	454	470
303	438	458	471
304	451	10505	472
305	450	460	473
306	10006	8167	474
307	8167	458	475
308	458	10505	476
309	10505	460	477
310	460	8998	478
311	8998	10007	479
312	458	469	482
313	10505	484	486
314	460	481	487
315	464	466	488
316	466	469	490
317	468	492	493
318	469	484	494
319	492	480	496
320	484	481	498
321	481	483	499
322	483	485	500
323	469	489	502
324	484	10508	504
325	481	491	507
326	489	495	508
327	10508	10509	509
328	491	497	510
329	10008	8168	511
330	8168	495	512
331	495	10509	513
332	10509	497	514
333	497	9000	515
334	9000	10009	516
335	495	506	519
336	10509	521	523
337	497	518	524
338	501	503	525
339	503	506	527
340	505	529	530
341	506	521	531
342	529	517	533
343	521	518	535
344	518	520	538
345	520	522	539
346	506	526	540
347	521	10512	541
348	518	528	542
349	10010	8169	543
350	8169	526	544
351	526	10512	545
352	10512	528	546
353	528	9002	547
354	9002	10011	550
355	526	537	552
356	10512	554	555
357	528	549	556
358	532	534	558
359	534	537	560
360	536	561	562
361	537	554	564
362	561	548	566
363	554	549	567
364	549	551	568
365	551	553	570
366	537	557	572
367	554	10515	575
368	549	559	576
369	10012	8170	577
370	8170	557	578
371	557	10515	579
372	10515	559	580
373	559	8967	581
374	8967	10013	582
375	557	563	583
376	10515	10516	584
377	559	565	587
378	563	574	589
379	10516	591	592
380	565	586	593
381	569	571	595
382	571	574	597
383	573	598	599
384	574	591	601
385	598	585	603
386	591	586	608
387	586	588	609
388	588	590	610
389	574	594	611
390	591	10519	614
391	586	596	615
392	10014	8171	616
393	8171	594	617
394	594	10519	618
395	10519	596	619
396	596	8970	624
397	8970	10015	626
398	594	607	628
399	10519	629	630
400	596	623	632
401	600	602	634
402	602	607	635
403	606	636	638
404	607	629	640

405	636	622	643
406	629	623	644
407	623	625	645
408	625	627	646
409	607	631	647
410	629	10522	648
411	623	633	649
412	10016	8172	650
413	8172	631	651
414	631	10522	652
415	10522	633	655
416	633	8973	657
417	8973	10017	659
418	631	642	660
419	10522	661	663
420	633	654	665
421	637	639	666
422	639	642	667
423	641	669	671
424	642	661	672
425	669	653	673
426	661	654	675
427	654	656	677
428	656	658	680
429	642	662	681
430	661	10525	682
431	654	664	683
432	662	668	684
433	10525	10526	685
434	664	670	686
435	10018	8180	687
436	8180	668	688
437	668	10526	689
438	10526	670	692
439	670	8976	694
440	8976	10019	696
441	668	679	697
442	10526	698	700
443	670	691	702
444	674	676	703
445	676	679	704
446	678	706	708
447	679	698	711
448	706	690	712
449	698	691	713
450	691	693	714
451	693	695	715
452	679	699	716
453	698	10529	717
454	691	701	718
455	10021	8182	719
456	8182	699	720
457	699	10529	723
458	10529	701	725
459	701	8978	727
460	8978	10022	728
461	699	710	729
462	10529	731	733
463	701	722	734
464	705	707	735
465	707	710	737
466	709	739	740
467	710	731	741
468	739	721	743
469	731	722	745
470	722	724	748
471	724	726	749
472	710	730	750
473	731	10532	751
474	722	732	752
475	10023	8183	753
476	8183	730	754
477	730	10532	755
478	10532	732	756
479	732	9009	757
480	9009	10024	760
481	730	736	762
482	10532	10533	764
483	732	738	765
484	736	747	766
485	10533	768	770
486	738	759	771
487	742	744	772
488	744	747	774
489	746	776	779
490	747	768	780
491	776	758	781
492	768	759	782
493	759	761	783
494	761	763	784
495	747	767	785
496	768	10536	786
497	759	769	787
498	10025	8184	788
499	8184	767	791
500	767	10536	793
501	10536	769	795
502	769	9012	796
503	9012	10026	797
504	767	778	799
505	10536	801	802
506	769	790	803
507	773	775	805
508	775	778	807
509	777	810	811

510	778	801	812
511	810	789	813
512	801	790	814
513	790	792	815
514	792	794	816
515	778	798	817
516	801	10539	818
517	790	800	819
518	10027	8185	822
519	8185	798	824
520	798	10539	826
521	10539	800	827
522	800	9015	828
523	9015	10028	830
524	798	809	832
525	10539	833	834
526	800	821	836
527	804	806	838
528	806	809	839
529	808	840	842
530	809	833	844
531	840	820	847
532	833	821	848
533	821	823	849
534	823	825	850
535	809	829	851
536	833	10542	852
537	821	831	853
538	829	835	854
539	10542	10543	855
540	831	837	856
541	10029	8186	859
542	8186	835	861
543	835	10543	863
544	10543	837	864
545	837	9018	865
546	9018	10030	867
547	835	846	869
548	10543	870	871
549	837	858	873
550	841	843	875
551	843	846	878
552	845	879	880
553	846	870	881
554	879	857	882
555	870	858	883
556	858	860	884
557	860	862	885
558	846	866	886
559	870	10546	887
560	858	868	890
561	10031	8187	892
562	8187	866	894
563	866	10546	895
564	10546	868	896
565	868	9033	898
566	9033	10032	900
567	866	877	901
568	10546	902	904
569	868	889	906
570	872	874	907
571	874	877	908
572	876	910	912
573	877	902	915
574	910	888	916
575	902	889	917
576	889	891	918
577	891	893	919
578	877	897	920
579	902	10549	921
580	889	899	922
581	10033	8189	923
582	8189	897	924
583	897	10549	927
584	10549	899	929
585	899	9041	931
586	9041	10034	932
587	897	903	933
588	10549	10550	935
589	899	905	937
590	903	914	938
591	10550	939	941
592	905	926	943
593	909	911	948
594	911	914	949
595	913	950	951
596	914	939	954
597	950	925	955
598	939	926	956
599	926	928	957
600	928	930	958
601	914	934	959
602	939	10553	964
603	926	936	966
604	10035	8190	968
605	8190	934	969
606	934	10553	970
607	10553	936	972
608	936	9062	974
609	9062	10038	975
610	934	947	976
611	10553	978	980
612	936	963	983
613	940	942	984
614	942	947	985

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1923	2659	3142	3143
1924	2709	3144	3145
1925	2743	3146	3147
1926	2775	3148	3149
1927	2812	3150	3151
1928	2844	3152	3153
1929	2881	3154	3155
1930	2917	3156	3157
1931	2954	3158	3159
1932	2976	3160	3161

TOTAL NUMBER OF ELEMENTS = 2017  
LARGEST ELEMENT NUMBER = 2017  
LARGEST NODE NUMBER = 10628

DEFAULT SOLVER CHOSEN

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

NODE NO.	COORDINATE IN	COORDINATE IN	COORDINATE IN
	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
	M	M	M
1	0.500000	2.12500	-2.50000
2	0.500000	2.12500	-2.50000
3	0.500000	5.62500	-2.50000
4	0.500000	5.62500	-2.50000
5	0.500000	9.12500	-2.50000
6	0.500000	9.12500	-2.50000
7	33.5470	2.12500	-2.50000
8	33.5470	2.12500	-2.50000
9	33.5470	5.62500	-2.50000
10	33.5470	5.62500	-2.50000
11	33.5470	9.12500	-2.50000
12	33.5470	9.12500	-2.50000
13	82.0570	2.12500	-2.50000
14	82.0570	2.12500	-2.50000
15	82.0570	5.62500	-2.50000
16	82.0570	5.62500	-2.50000
17	82.0570	9.12500	-2.50000
18	82.0570	9.12500	-2.50000
19	130.587	2.12500	-2.50000
20	130.587	2.12500	-2.50000
21	130.587	5.62500	-2.50000
22	130.587	5.62500	-2.50000
23	130.587	9.12500	-2.50000
24	130.587	9.12500	-2.50000
25	179.137	2.12500	-2.50000
26	179.137	2.12500	-2.50000
27	179.137	5.62500	-2.50000
28	179.137	5.62500	-2.50000

29	179.137	9.12500	-2.50000
30	179.137	9.12500	-2.50000
31	227.707	2.12500	-2.50000
32	227.707	2.12500	-2.50000
33	227.707	5.62500	-2.50000
34	227.707	5.62500	-2.50000
35	227.707	9.12500	-2.50000
36	227.707	9.12500	-2.50000
37	276.287	2.12500	-2.50000
38	276.287	2.12500	-2.50000
39	276.287	5.62500	-2.50000
40	276.287	5.62500	-2.50000
41	276.287	9.12500	-2.50000
42	276.287	9.12500	-2.50000
43	324.877	2.12500	-2.50000
44	324.877	2.12500	-2.50000
45	324.877	5.62500	-2.50000
46	324.877	5.62500	-2.50000
47	324.877	9.12500	-2.50000
48	324.877	9.12500	-2.50000
49	373.578	2.12500	-2.50000
50	373.578	2.12500	-2.50000
51	373.578	5.62500	-2.50000
52	373.578	5.62500	-2.50000
53	373.578	9.12500	-2.50000
54	373.578	9.12500	-2.50000
55	407.610	2.12500	-2.50000
56	407.610	2.12500	-2.50000
57	407.610	5.62500	-2.50000
58	407.610	5.62500	-2.50000
59	407.610	9.12500	-2.50000
60	407.610	9.12500	-2.50000
61	-1.00000	0.000000E+00	0.000000E+00
62	-1.00000	0.750000	0.000000E+00
63	-1.16667	2.12500	0.000000E+00
64	-1.16667	5.62500	0.000000E+00
65	-1.00000	9.12500	0.000000E+00
66	-1.00000	10.5000	0.000000E+00
67	0.000000E+00	3.12500	0.000000E+00
68	0.500000	5.62500	0.000000E+00
69	0.000000E+00	6.62500	0.000000E+00
70	0.000000E+00	10.1250	0.000000E+00
71	-0.500000	0.000000E+00	0.000000E+00
72	-0.500000	0.750000	0.000000E+00
73	0.500000	5.62500	-1.00000
74	-0.666667	2.12500	-1.00000
75	-0.666667	2.12500	0.000000E+00
76	-0.666667	5.62500	-1.00000
77	-0.666667	5.62500	0.000000E+00
78	-0.500000	9.12500	0.000000E+00
79	-0.500000	10.5000	0.000000E+00
80	0.500000	3.12500	0.000000E+00
81	0.500000	6.62500	0.000000E+00
82	0.500000	10.1250	0.000000E+00
83	1.86050	0.000000E+00	0.000000E+00
84	1.86050	0.750000	0.000000E+00
85	1.69383	2.12500	0.000000E+00
86	1.69383	5.62500	0.000000E+00
87	1.86050	9.12500	0.000000E+00
88	1.86050	10.5000	0.000000E+00
89	2.86050	3.12500	0.000000E+00
90	5.22100	5.62500	0.000000E+00
91	2.86050	6.62500	0.000000E+00
92	2.86050	10.1250	0.000000E+00
93	4.22100	0.000000E+00	0.000000E+00
94	4.22100	0.750000	0.000000E+00
95	5.22100	5.62500	-1.00000
96	4.05433	2.12500	-1.00000
97	4.05433	2.12500	0.000000E+00
98	4.05433	5.62500	-1.00000
99	4.05433	5.62500	0.000000E+00
100	4.22100	9.12500	0.000000E+00
101	4.22100	10.5000	0.000000E+00
102	5.22100	3.12500	0.000000E+00
103	5.22100	6.62500	0.000000E+00
104	5.22100	10.1250	0.000000E+00
105	7.54900	3.12500	0.000000E+00
106	7.54900	6.62500	0.000000E+00
107	7.54900	10.1250	0.000000E+00
108	6.58150	0.000000E+00	0.000000E+00
109	6.58150	0.750000	0.000000E+00
110	6.41483	2.12500	0.000000E+00
111	6.41483	5.62500	0.000000E+00
112	6.58150	9.12500	0.000000E+00
113	6.58150	10.5000	0.000000E+00
114	7.58150	3.12500	0.000000E+00
115	9.94200	5.62500	0.000000E+00
116	7.58150	6.62500	0.000000E+00
117	7.58150	10.1250	0.000000E+00
118	8.94200	0.000000E+00	0.000000E+00
119	8.94200	0.750000	0.000000E+00
120	9.94200	5.62500	-1.00000
121	8.77533	2.12500	-1.00000
122	8.77533	2.12500	0.000000E+00
123	8.77533	5.62500	-1.00000
124	8.77533	5.62500	0.000000E+00
125	8.94200	9.12500	0.000000E+00
126	8.94200	10.5000	0.000000E+00
127	9.94200	3.12500	0.000000E+00
128	9.94200	6.62500	0.000000E+00
129	9.94200	10.1250	0.000000E+00
130	11.3025	0.000000E+00	0.000000E+00
131	11.3025	0.750000	0.000000E+00
132	11.1358	2.12500	0.000000E+00
133	11.1358	5.62500	0.000000E+00

134	11.3025	9.12500	0.000000E+00
135	11.3025	10.5000	0.000000E+00
136	12.3025	3.12500	0.000000E+00
137	14.6630	5.62500	0.000000E+00
138	12.3025	6.62500	0.000000E+00
139	12.3025	10.1250	0.000000E+00
140	13.6630	0.000000E+00	0.000000E+00
141	13.6630	0.750000	0.000000E+00
142	14.6630	5.62500	-1.00000
143	13.4963	2.12500	-1.00000
144	13.4963	2.12500	0.000000E+00
145	13.4963	5.62500	-1.00000
146	13.4963	5.62500	0.000000E+00
147	13.6630	9.12500	0.000000E+00
148	13.6630	10.5000	0.000000E+00
149	14.6630	3.12500	0.000000E+00
150	14.6630	6.62500	0.000000E+00
151	14.6630	10.1250	0.000000E+00
152	16.0235	0.000000E+00	0.000000E+00
153	16.0235	0.750000	0.000000E+00
154	15.8568	2.12500	0.000000E+00
155	15.8568	5.62500	0.000000E+00
156	16.0235	9.12500	0.000000E+00
157	16.0235	10.5000	0.000000E+00
158	17.0235	3.12500	0.000000E+00
159	17.0235	6.62500	0.000000E+00
160	17.0235	10.1250	0.000000E+00
161	17.5480	3.12500	0.000000E+00
162	19.3840	5.62500	0.000000E+00
163	17.5480	6.62500	0.000000E+00
164	17.5480	10.1250	0.000000E+00
165	18.3840	0.000000E+00	0.000000E+00
166	18.3840	0.750000	0.000000E+00
167	19.3840	5.62500	-1.00000
168	18.2173	2.12500	-1.00000
169	18.2173	2.12500	0.000000E+00
170	18.2173	5.62500	-1.00000
171	239.852	5.62500	0.000000E+00
172	18.2173	5.62500	0.000000E+00
173	18.3840	9.12500	0.000000E+00
174	244.710	5.62500	0.000000E+00
175	245.987	5.62500	0.000000E+00
176	18.3840	10.5000	0.000000E+00
177	19.3840	3.12500	0.000000E+00
178	249.568	5.62500	0.000000E+00
179	19.3840	6.62500	0.000000E+00
180	19.3840	10.1250	0.000000E+00
181	254.426	5.62500	0.000000E+00
182	20.7445	0.000000E+00	0.000000E+00
183	20.7445	0.750000	0.000000E+00
184	258.007	5.62500	0.000000E+00
185	259.284	5.62500	0.000000E+00
186	20.5778	2.12500	0.000000E+00
187	20.5778	5.62500	0.000000E+00
188	264.142	5.62500	0.000000E+00
189	20.7445	9.12500	0.000000E+00
190	20.7445	10.5000	0.000000E+00
191	269.000	5.62500	0.000000E+00
192	270.278	5.62500	0.000000E+00
193	21.7445	3.12500	0.000000E+00
194	24.1050	5.62500	0.000000E+00
195	273.858	5.62500	0.000000E+00
196	21.7445	6.62500	0.000000E+00
197	21.7445	10.1250	0.000000E+00
198	278.717	5.62500	0.000000E+00
199	23.1050	0.000000E+00	0.000000E+00
200	23.1050	0.750000	0.000000E+00
201	282.298	5.62500	0.000000E+00
202	283.575	5.62500	0.000000E+00
203	24.1050	5.62500	-1.00000
204	22.9383	2.12500	-1.00000
205	288.434	5.62500	0.000000E+00
206	22.9383	2.12500	0.000000E+00
207	22.9383	5.62500	-1.00000
208	293.293	5.62500	0.000000E+00
209	294.571	5.62500	0.000000E+00
210	22.9383	5.62500	0.000000E+00
211	23.1050	9.12500	0.000000E+00
212	298.152	5.62500	0.000000E+00
213	23.1050	10.5000	0.000000E+00
214	24.1050	3.12500	0.000000E+00
215	303.012	5.62500	0.000000E+00
216	24.1050	6.62500	0.000000E+00
217	24.1050	10.1250	0.000000E+00
218	306.593	5.62500	0.000000E+00
219	307.870	5.62500	0.000000E+00
220	25.4655	0.000000E+00	0.000000E+00
221	25.4655	0.750000	0.000000E+00
222	312.730	5.62500	0.000000E+00
223	25.2988	2.12500	0.000000E+00
224	25.2988	5.62500	0.000000E+00
225	317.588	5.62500	0.000000E+00
226	318.866	5.62500	0.000000E+00
227	25.4655	9.12500	0.000000E+00
228	25.4655	10.5000	0.000000E+00
229	322.447	5.62500	0.000000E+00
230	26.4655	3.12500	0.000000E+00
231	26.4655	6.62500	0.000000E+00
232	327.306	5.62500	0.000000E+00
233	26.4655	10.1250	0.000000E+00
234	27.5470	3.12500	0.000000E+00
235	330.890	5.62500	0.000000E+00
236	332.165	5.62500	0.000000E+00
237	332.182	5.62500	0.000000E+00
238	28.8260	5.62500	0.000000E+00

239	27.5470	6.62500	0.000000E+00
240	337.024	5.62500	0.000000E+00
241	27.5470	10.1250	0.000000E+00
242	27.8260	0.000000E+00	0.000000E+00
243	341.883	5.62500	0.000000E+00
244	343.163	5.62500	0.000000E+00
245	27.8260	0.750000	0.000000E+00
246	28.8260	5.62500	-1.00000
247	346.743	5.62500	0.000000E+00
248	27.6593	2.12500	-1.00000
249	27.6593	2.12500	0.000000E+00
250	351.601	5.62500	0.000000E+00
251	27.6593	5.62500	-1.00000
252	27.6593	5.62500	0.000000E+00
253	355.186	5.62500	0.000000E+00
254	356.460	5.62500	0.000000E+00
255	27.8260	9.12500	0.000000E+00
256	27.8260	10.5000	0.000000E+00
257	361.320	5.62500	0.000000E+00
258	28.8260	3.12500	0.000000E+00
259	28.8260	6.62500	0.000000E+00
260	365.704	5.62500	0.000000E+00
261	366.236	5.62500	0.000000E+00
262	366.273	5.62500	0.000000E+00
263	367.574	5.62500	0.000000E+00
264	28.8260	10.1250	0.000000E+00
265	30.1865	0.000000E+00	0.000000E+00
266	371.150	5.62500	0.000000E+00
267	30.1865	0.750000	0.000000E+00
268	30.0198	2.12500	0.000000E+00
269	376.009	5.62500	0.000000E+00
270	30.0198	5.62500	0.000000E+00
271	30.1865	9.12500	0.000000E+00
272	379.584	5.62500	0.000000E+00
273	380.871	5.62500	0.000000E+00
274	30.1865	10.5000	0.000000E+00
275	31.1865	3.12500	0.000000E+00
276	385.732	5.62500	0.000000E+00
277	33.5470	5.62500	0.000000E+00
278	31.1865	6.62500	0.000000E+00
279	389.593	5.62500	0.000000E+00
280	390.594	5.62500	0.000000E+00
281	31.1865	10.1250	0.000000E+00
282	32.5470	0.000000E+00	0.000000E+00
283	395.456	5.62500	0.000000E+00
284	32.5470	0.750000	0.000000E+00
285	399.602	5.62500	0.000000E+00
286	400.317	5.62500	0.000000E+00
287	33.5470	5.62500	-1.00000
288	32.3803	2.12500	-1.00000
289	405.179	5.62500	0.000000E+00
290	32.3803	2.12500	0.000000E+00
291	32.3803	5.62500	-1.00000
292	408.110	5.62500	0.000000E+00
293	35.9725	9.12500	0.000000E+00
294	32.3803	5.62500	0.000000E+00
295	32.5470	9.12500	0.000000E+00
296	32.5470	10.5000	0.000000E+00
297	38.3980	0.000000E+00	0.000000E+00
298	33.5470	3.12500	0.000000E+00
299	38.3980	0.750000	0.000000E+00
300	33.5470	6.62500	0.000000E+00
301	38.3980	2.12500	-1.00000
302	38.3980	2.12500	0.000000E+00
303	33.5470	10.1250	0.000000E+00
304	34.9725	0.000000E+00	0.000000E+00
305	34.9725	0.750000	0.000000E+00
306	34.8058	2.12500	0.000000E+00
307	34.8058	5.62500	0.000000E+00
308	34.9725	9.12500	0.000000E+00
309	34.9725	10.5000	0.000000E+00
310	35.9725	3.12500	0.000000E+00
311	38.3980	5.62500	0.000000E+00
312	35.9725	6.62500	0.000000E+00
313	38.3980	9.12500	-1.00000
314	38.3980	9.12500	0.000000E+00
315	35.9725	10.1250	0.000000E+00
316	38.3980	10.5000	0.000000E+00
317	37.3980	0.000000E+00	0.000000E+00
318	38.3980	11.2500	0.000000E+00
319	37.3980	0.750000	0.000000E+00
320	38.3980	5.62500	-1.00000
321	37.2313	2.12500	-1.00000
322	39.5490	2.12500	0.000000E+00
323	37.2313	2.12500	0.000000E+00
324	39.5490	9.12500	0.000000E+00
325	37.2313	5.62500	-1.00000
326	37.2313	5.62500	0.000000E+00
327	37.3980	9.12500	0.000000E+00
328	40.8235	2.12500	0.000000E+00
329	37.3980	10.5000	0.000000E+00
330	40.8235	9.12500	0.000000E+00
331	38.3980	3.12500	0.000000E+00
332	38.3980	6.62500	0.000000E+00
333	38.3980	10.1250	0.000000E+00
334	43.2490	0.000000E+00	0.000000E+00
335	39.5490	3.12500	0.000000E+00
336	43.2490	0.750000	0.000000E+00
337	39.5490	6.62500	0.000000E+00
338	43.2490	2.12500	-1.00000
339	43.2490	2.12500	0.000000E+00
340	39.5490	10.1250	0.000000E+00
341	39.8235	0.000000E+00	0.000000E+00
342	39.8235	0.750000	0.000000E+00
343	39.6568	2.12500	0.000000E+00

344	39.6568	5.62500	0.000000E+00
345	39.8235	9.12500	0.000000E+00
346	39.8235	10.5000	0.000000E+00
347	40.8235	3.12500	0.000000E+00
348	43.2490	5.62500	0.000000E+00
349	40.8235	6.62500	0.000000E+00
350	43.2490	9.12500	-1.00000
351	43.2490	9.12500	0.000000E+00
352	40.8235	10.1250	0.000000E+00
353	43.2490	10.5000	0.000000E+00
354	42.2490	0.000000E+00	0.000000E+00
355	43.2490	11.2500	0.000000E+00
356	42.2490	0.750000	0.000000E+00
357	43.2490	5.62500	-1.00000
358	42.0823	2.12500	-1.00000
359	45.6745	2.12500	0.000000E+00
360	42.0823	2.12500	0.000000E+00
361	45.6745	9.12500	0.000000E+00
362	42.0823	5.62500	-1.00000
363	42.0823	5.62500	0.000000E+00
364	42.2490	9.12500	0.000000E+00
365	48.1000	0.000000E+00	0.000000E+00
366	42.2490	10.5000	0.000000E+00
367	48.1000	0.750000	0.000000E+00
368	43.2490	3.12500	0.000000E+00
369	48.1000	2.12500	-1.00000
370	48.1000	2.12500	0.000000E+00
371	43.2490	6.62500	0.000000E+00
372	43.2490	10.1250	0.000000E+00
373	44.6745	0.000000E+00	0.000000E+00
374	44.6745	0.750000	0.000000E+00
375	44.5078	2.12500	0.000000E+00
376	44.5078	5.62500	0.000000E+00
377	44.6745	9.12500	0.000000E+00
378	44.6745	10.5000	0.000000E+00
379	45.6745	3.12500	0.000000E+00
380	48.1000	5.62500	0.000000E+00
381	48.1000	9.12500	-1.00000
382	48.1000	9.12500	0.000000E+00
383	45.6745	6.62500	0.000000E+00
384	48.1000	10.5000	0.000000E+00
385	45.6745	10.1250	0.000000E+00
386	48.1000	11.2500	0.000000E+00
387	47.1000	0.000000E+00	0.000000E+00
388	47.1000	0.750000	0.000000E+00
389	48.1000	5.62500	-1.00000
390	50.5255	2.12500	0.000000E+00
391	46.9333	2.12500	-1.00000
392	50.5255	9.12500	0.000000E+00
393	46.9333	2.12500	0.000000E+00
394	46.9333	5.62500	-1.00000
395	46.9333	5.62500	0.000000E+00
396	51.8010	2.12500	0.000000E+00
397	47.1000	9.12500	0.000000E+00
398	51.8010	9.12500	0.000000E+00
399	47.1000	10.5000	0.000000E+00
400	48.1000	3.12500	0.000000E+00
401	48.1000	6.62500	0.000000E+00
402	52.9510	0.000000E+00	0.000000E+00
403	48.1000	10.1250	0.000000E+00
404	52.9510	0.750000	0.000000E+00
405	49.5255	0.000000E+00	0.000000E+00
406	52.9510	2.12500	-1.00000
407	52.9510	2.12500	0.000000E+00
408	49.5255	0.750000	0.000000E+00
409	49.3588	2.12500	0.000000E+00
410	49.3588	5.62500	0.000000E+00
411	49.5255	9.12500	0.000000E+00
412	49.5255	10.5000	0.000000E+00
413	50.5255	3.12500	0.000000E+00
414	50.5255	6.62500	0.000000E+00
415	50.5255	10.1250	0.000000E+00
416	51.8010	3.12500	0.000000E+00
417	52.9510	5.62500	0.000000E+00
418	52.9510	9.12500	-1.00000
419	52.9510	9.12500	0.000000E+00
420	51.8010	6.62500	0.000000E+00
421	52.9510	10.5000	0.000000E+00
422	51.8010	10.1250	0.000000E+00
423	52.9510	11.2500	0.000000E+00
424	51.9510	0.000000E+00	0.000000E+00
425	51.9510	0.750000	0.000000E+00
426	52.9510	5.62500	-1.00000
427	55.3765	2.12500	0.000000E+00
428	51.7843	2.12500	-1.00000
429	55.3765	9.12500	0.000000E+00
430	51.7843	2.12500	0.000000E+00
431	51.7843	5.62500	-1.00000
432	51.7843	5.62500	0.000000E+00
433	57.8020	0.000000E+00	0.000000E+00
434	51.9510	9.12500	0.000000E+00
435	57.8020	0.750000	0.000000E+00
436	51.9510	10.5000	0.000000E+00
437	57.8020	2.12500	-1.00000
438	57.8020	2.12500	0.000000E+00
439	52.9510	3.12500	0.000000E+00
440	52.9510	6.62500	0.000000E+00
441	52.9510	10.1250	0.000000E+00
442	54.3765	0.000000E+00	0.000000E+00
443	54.3765	0.750000	0.000000E+00
444	54.2098	2.12500	0.000000E+00
445	54.2098	5.62500	0.000000E+00
446	54.3765	9.12500	0.000000E+00
447	54.3765	10.5000	0.000000E+00
448	55.3765	3.12500	0.000000E+00

449	57.8020	9.12500	-1.00000
450	57.8020	9.12500	0.000000E+00
451	57.8020	5.62500	0.000000E+00
452	57.8020	10.5000	0.000000E+00
453	55.3765	6.62500	0.000000E+00
454	57.8020	11.2500	0.000000E+00
455	55.3765	10.1250	0.000000E+00
456	56.8020	0.000000E+00	0.000000E+00
457	56.8020	0.750000	0.000000E+00
458	60.2275	2.12500	0.000000E+00
459	57.8020	5.62500	-1.00000
460	60.2275	9.12500	0.000000E+00
461	56.6353	2.12500	-1.00000
462	56.6353	2.12500	0.000000E+00
463	56.6353	5.62500	-1.00000
464	62.6530	0.000000E+00	0.000000E+00
465	56.6353	5.62500	0.000000E+00
466	62.6530	0.750000	0.000000E+00
467	56.8020	9.12500	0.000000E+00
468	62.6530	2.12500	-1.00000
469	62.6530	2.12500	0.000000E+00
470	56.8020	10.5000	0.000000E+00
471	57.8020	3.12500	0.000000E+00
472	57.8020	6.62500	0.000000E+00
473	57.8020	10.1250	0.000000E+00
474	59.2275	0.000000E+00	0.000000E+00
475	59.2275	0.750000	0.000000E+00
476	59.0608	2.12500	0.000000E+00
477	59.0608	5.62500	0.000000E+00
478	59.2275	9.12500	0.000000E+00
479	59.2275	10.5000	0.000000E+00
480	62.6530	9.12500	-1.00000
481	62.6530	9.12500	0.000000E+00
482	60.2275	3.12500	0.000000E+00
483	62.6530	10.5000	0.000000E+00
484	62.6530	5.62500	0.000000E+00
485	62.6530	11.2500	0.000000E+00
486	60.2275	6.62500	0.000000E+00
487	60.2275	10.1250	0.000000E+00
488	61.6530	0.000000E+00	0.000000E+00
489	63.8030	2.12500	0.000000E+00
490	61.6530	0.750000	0.000000E+00
491	63.8030	9.12500	0.000000E+00
492	62.6530	5.62500	-1.00000
493	61.4863	2.12500	-1.00000
494	61.4863	2.12500	0.000000E+00
495	65.0785	2.12500	0.000000E+00
496	61.4863	5.62500	-1.00000
497	65.0785	9.12500	0.000000E+00
498	61.4863	5.62500	0.000000E+00
499	61.6530	9.12500	0.000000E+00
500	61.6530	10.5000	0.000000E+00
501	67.5040	0.000000E+00	0.000000E+00
502	62.6530	3.12500	0.000000E+00
503	67.5040	0.750000	0.000000E+00
504	62.6530	6.62500	0.000000E+00
505	67.5040	2.12500	-1.00000
506	67.5040	2.12500	0.000000E+00
507	62.6530	10.1250	0.000000E+00
508	63.8030	3.12500	0.000000E+00
509	63.8030	6.62500	0.000000E+00
510	63.8030	10.1250	0.000000E+00
511	64.0785	0.000000E+00	0.000000E+00
512	64.0785	0.750000	0.000000E+00
513	63.9118	2.12500	0.000000E+00
514	63.9118	5.62500	0.000000E+00
515	64.0785	9.12500	0.000000E+00
516	64.0785	10.5000	0.000000E+00
517	67.5040	9.12500	-1.00000
518	67.5040	9.12500	0.000000E+00
519	65.0785	3.12500	0.000000E+00
520	67.5040	10.5000	0.000000E+00
521	67.5040	5.62500	0.000000E+00
522	67.5040	11.2500	0.000000E+00
523	65.0785	6.62500	0.000000E+00
524	65.0785	10.1250	0.000000E+00
525	66.5040	0.000000E+00	0.000000E+00
526	69.9295	2.12500	0.000000E+00
527	66.5040	0.750000	0.000000E+00
528	69.9295	9.12500	0.000000E+00
529	67.5040	5.62500	-1.00000
530	66.3373	2.12500	-1.00000
531	66.3373	2.12500	0.000000E+00
532	72.3550	0.000000E+00	0.000000E+00
533	66.3373	5.62500	-1.00000
534	72.3550	0.750000	0.000000E+00
535	66.3373	5.62500	0.000000E+00
536	72.3550	2.12500	-1.00000
537	72.3550	2.12500	0.000000E+00
538	66.5040	9.12500	0.000000E+00
539	66.5040	10.5000	0.000000E+00
540	67.5040	3.12500	0.000000E+00
541	67.5040	6.62500	0.000000E+00
542	67.5040	10.1250	0.000000E+00
543	68.9295	0.000000E+00	0.000000E+00
544	68.9295	0.750000	0.000000E+00
545	68.7628	2.12500	0.000000E+00
546	68.7628	5.62500	0.000000E+00
547	68.9295	9.12500	0.000000E+00
548	72.3550	9.12500	-1.00000
549	72.3550	9.12500	0.000000E+00
550	68.9295	10.5000	0.000000E+00
551	72.3550	10.5000	0.000000E+00
552	69.9295	3.12500	0.000000E+00
553	72.3550	11.2500	0.000000E+00

554	72.3550	5.62500	0.000000E+00
555	69.9295	6.62500	0.000000E+00
556	69.9295	10.1250	0.000000E+00
557	74.7805	2.12500	0.000000E+00
558	71.3550	0.000000E+00	0.000000E+00
559	74.7805	9.12500	0.000000E+00
560	71.3550	0.750000	0.000000E+00
561	72.3550	5.62500	-1.00000
562	71.1883	2.12500	-1.00000
563	76.0550	2.12500	0.000000E+00
564	71.1883	2.12500	0.000000E+00
565	76.0550	9.12500	0.000000E+00
566	71.1883	5.62500	-1.00000
567	71.1883	5.62500	0.000000E+00
568	71.3550	9.12500	0.000000E+00
569	77.2060	0.000000E+00	0.000000E+00
570	71.3550	10.5000	0.000000E+00
571	77.2060	0.750000	0.000000E+00
572	72.3550	3.12500	0.000000E+00
573	77.2060	2.12500	-1.00000
574	77.2060	2.12500	0.000000E+00
575	72.3550	6.62500	0.000000E+00
576	72.3550	10.1250	0.000000E+00
577	73.7805	0.000000E+00	0.000000E+00
578	73.7805	0.750000	0.000000E+00
579	73.6138	2.12500	0.000000E+00
580	73.6138	5.62500	0.000000E+00
581	73.7805	9.12500	0.000000E+00
582	73.7805	10.5000	0.000000E+00
583	74.7805	3.12500	0.000000E+00
584	74.7805	6.62500	0.000000E+00
585	77.2060	9.12500	-1.00000
586	77.2060	9.12500	0.000000E+00
587	74.7805	10.1250	0.000000E+00
588	77.2060	10.5000	0.000000E+00
589	76.0550	3.12500	0.000000E+00
590	77.2060	11.2500	0.000000E+00
591	77.2060	5.62500	0.000000E+00
592	76.0550	6.62500	0.000000E+00
593	76.0550	10.1250	0.000000E+00
594	79.6315	2.12500	0.000000E+00
595	76.2060	0.000000E+00	0.000000E+00
596	79.6315	9.12500	0.000000E+00
597	76.2060	0.750000	0.000000E+00
598	77.2060	5.62500	-1.00000
599	76.0393	2.12500	-1.00000
600	82.0570	0.000000E+00	0.000000E+00
601	76.0393	2.12500	0.000000E+00
602	82.0570	0.750000	0.000000E+00
603	76.0393	5.62500	-1.00000
604	1.50000	2.12500	-2.50000
605	0.500000	3.12500	-2.50000
606	82.0570	2.12500	-1.00000
607	82.0570	2.12500	0.000000E+00
608	76.0393	5.62500	0.000000E+00
609	76.2060	9.12500	0.000000E+00
610	76.2060	10.5000	0.000000E+00
611	77.2060	3.12500	0.000000E+00
612	1.50000	9.12500	-2.50000
613	0.500000	10.1250	-2.50000
614	77.2060	6.62500	0.000000E+00
615	77.2060	10.1250	0.000000E+00
616	78.6315	0.000000E+00	0.000000E+00
617	78.6315	0.750000	0.000000E+00
618	78.4648	2.12500	0.000000E+00
619	78.4648	5.62500	0.000000E+00
620	34.5470	2.12500	-2.50000
621	33.5470	3.12500	-2.50000
622	82.0570	9.12500	-1.00000
623	82.0570	9.12500	0.000000E+00
624	78.6315	9.12500	0.000000E+00
625	82.0570	10.5000	0.000000E+00
626	78.6315	10.5000	0.000000E+00
627	82.0570	11.2500	0.000000E+00
628	79.6315	3.12500	0.000000E+00
629	82.0570	5.62500	0.000000E+00
630	79.6315	6.62500	0.000000E+00
631	84.4835	2.12500	0.000000E+00
632	79.6315	10.1250	0.000000E+00
633	84.4835	9.12500	0.000000E+00
634	81.0570	0.000000E+00	0.000000E+00
635	81.0570	0.750000	0.000000E+00
636	82.0570	5.62500	-1.00000
637	86.9100	0.000000E+00	0.000000E+00
638	80.8903	2.12500	-1.00000
639	86.9100	0.750000	0.000000E+00
640	80.8903	2.12500	0.000000E+00
641	86.9100	2.12500	-1.00000
642	86.9100	2.12500	0.000000E+00
643	80.8903	5.62500	-1.00000
644	80.8903	5.62500	0.000000E+00
645	81.0570	9.12500	0.000000E+00
646	81.0570	10.5000	0.000000E+00
647	82.0570	3.12500	0.000000E+00
648	82.0570	6.62500	0.000000E+00
649	82.0570	10.1250	0.000000E+00
650	83.4835	0.000000E+00	0.000000E+00
651	83.4835	0.750000	0.000000E+00
652	83.3168	2.12500	0.000000E+00
653	86.9100	9.12500	-1.00000
654	86.9100	9.12500	0.000000E+00
655	83.3168	5.62500	0.000000E+00
656	86.9100	10.5000	0.000000E+00
657	83.4835	9.12500	0.000000E+00
658	86.9100	11.2500	0.000000E+00



659	83.4835	10.5000	0.000000E+00
660	84.4835	3.12500	0.000000E+00
661	86.9100	5.62500	0.000000E+00
662	88.0610	2.12500	0.000000E+00
663	84.4835	6.62500	0.000000E+00
664	88.0610	9.12500	0.000000E+00
665	84.4835	10.1250	0.000000E+00
666	85.9100	0.000000E+00	0.000000E+00
667	85.9100	0.750000	0.000000E+00
668	89.3365	2.12500	0.000000E+00
669	86.9100	5.62500	-1.00000
670	89.3365	9.12500	0.000000E+00
671	85.7433	2.12500	-1.00000
672	85.7433	2.12500	0.000000E+00
673	85.7433	5.62500	-1.00000
674	91.7630	0.000000E+00	0.000000E+00
675	85.7433	5.62500	0.000000E+00
676	91.7630	0.750000	0.000000E+00
677	85.9100	9.12500	0.000000E+00
678	91.7630	2.12500	-1.00000
679	91.7630	2.12500	0.000000E+00
680	85.9100	10.5000	0.000000E+00
681	86.9100	3.12500	0.000000E+00
682	86.9100	6.62500	0.000000E+00
683	86.9100	10.1250	0.000000E+00
684	88.0610	3.12500	0.000000E+00
685	88.0610	6.62500	0.000000E+00
686	88.0610	10.1250	0.000000E+00
687	88.3365	0.000000E+00	0.000000E+00
688	88.3365	0.750000	0.000000E+00
689	88.1698	2.12500	0.000000E+00
690	91.7630	9.12500	-1.00000
691	91.7630	9.12500	0.000000E+00
692	88.1698	5.62500	0.000000E+00
693	91.7630	10.5000	0.000000E+00
694	88.3365	9.12500	0.000000E+00
695	91.7630	11.2500	0.000000E+00
696	88.3365	10.5000	0.000000E+00
697	89.3365	3.12500	0.000000E+00
698	91.7630	5.62500	0.000000E+00
699	94.1895	2.12500	0.000000E+00
700	89.3365	6.62500	0.000000E+00
701	94.1895	9.12500	0.000000E+00
702	89.3365	10.1250	0.000000E+00
703	90.7630	0.000000E+00	0.000000E+00
704	90.7630	0.750000	0.000000E+00
705	96.6160	0.000000E+00	0.000000E+00
706	91.7630	5.62500	-1.00000
707	96.6160	0.750000	0.000000E+00
708	90.5963	2.12500	-1.00000
709	96.6160	2.12500	-1.00000
710	96.6160	2.12500	0.000000E+00
711	90.5963	2.12500	0.000000E+00
712	90.5963	5.62500	-1.00000
713	90.5963	5.62500	0.000000E+00
714	90.7630	9.12500	0.000000E+00
715	90.7630	10.5000	0.000000E+00
716	91.7630	3.12500	0.000000E+00
717	91.7630	6.62500	0.000000E+00
718	91.7630	10.1250	0.000000E+00
719	93.1895	0.000000E+00	0.000000E+00
720	93.1895	0.750000	0.000000E+00
721	96.6160	9.12500	-1.00000
722	96.6160	9.12500	0.000000E+00
723	93.0228	2.12500	0.000000E+00
724	96.6160	10.5000	0.000000E+00
725	93.0228	5.62500	0.000000E+00
726	96.6160	11.2500	0.000000E+00
727	93.1895	9.12500	0.000000E+00
728	93.1895	10.5000	0.000000E+00
729	94.1895	3.12500	0.000000E+00
730	99.0425	2.12500	0.000000E+00
731	96.6160	5.62500	0.000000E+00
732	99.0425	9.12500	0.000000E+00
733	94.1895	6.62500	0.000000E+00
734	94.1895	10.1250	0.000000E+00
735	95.6160	0.000000E+00	0.000000E+00
736	100.318	2.12500	0.000000E+00
737	95.6160	0.750000	0.000000E+00
738	100.318	9.12500	0.000000E+00
739	96.6160	5.62500	-1.00000
740	95.4493	2.12500	-1.00000
741	95.4493	2.12500	0.000000E+00
742	101.469	0.000000E+00	0.000000E+00
743	95.4493	5.62500	-1.00000
744	101.469	0.750000	0.000000E+00
745	95.4493	5.62500	0.000000E+00
746	101.469	2.12500	-1.00000
747	101.469	2.12500	0.000000E+00
748	95.6160	9.12500	0.000000E+00
749	95.6160	10.5000	0.000000E+00
750	96.6160	3.12500	0.000000E+00
751	96.6160	6.62500	0.000000E+00
752	96.6160	10.1250	0.000000E+00
753	98.0425	0.000000E+00	0.000000E+00
754	98.0425	0.750000	0.000000E+00
755	97.8758	2.12500	0.000000E+00
756	97.8758	5.62500	0.000000E+00
757	98.0425	9.12500	0.000000E+00
758	101.469	9.12500	-1.00000
759	101.469	9.12500	0.000000E+00
760	98.0425	10.5000	0.000000E+00
761	101.469	10.5000	0.000000E+00
762	99.0425	3.12500	0.000000E+00
763	101.469	11.2500	0.000000E+00

764	99.0425	6.62500	0.000000E+00
765	99.0425	10.1250	0.000000E+00
766	100.318	3.12500	0.000000E+00
767	103.896	2.12500	0.000000E+00
768	101.469	5.62500	0.000000E+00
769	103.896	9.12500	0.000000E+00
770	100.318	6.62500	0.000000E+00
771	100.318	10.1250	0.000000E+00
772	100.469	0.000000E+00	0.000000E+00
773	106.322	0.000000E+00	0.000000E+00
774	100.469	0.750000	0.000000E+00
775	106.322	0.750000	0.000000E+00
776	101.469	5.62500	-1.00000
777	106.322	2.12500	-1.00000
778	106.322	2.12500	0.000000E+00
779	100.302	2.12500	-1.00000
780	100.302	2.12500	0.000000E+00
781	100.302	5.62500	-1.00000
782	100.302	5.62500	0.000000E+00
783	100.469	9.12500	0.000000E+00
784	100.469	10.5000	0.000000E+00
785	101.469	3.12500	0.000000E+00
786	101.469	6.62500	0.000000E+00
787	101.469	10.1250	0.000000E+00
788	102.896	0.000000E+00	0.000000E+00
789	106.322	9.12500	-1.00000
790	106.322	9.12500	0.000000E+00
791	102.896	0.750000	0.000000E+00
792	106.322	10.5000	0.000000E+00
793	102.729	2.12500	0.000000E+00
794	106.322	11.2500	0.000000E+00
795	102.729	5.62500	0.000000E+00
796	102.896	9.12500	0.000000E+00
797	102.896	10.5000	0.000000E+00
798	108.749	2.12500	0.000000E+00
799	103.896	3.12500	0.000000E+00
800	108.749	9.12500	0.000000E+00
801	106.322	5.62500	0.000000E+00
802	103.896	6.62500	0.000000E+00
803	103.896	10.1250	0.000000E+00
804	111.175	0.000000E+00	0.000000E+00
805	105.322	0.000000E+00	0.000000E+00
806	111.175	0.750000	0.000000E+00
807	105.322	0.750000	0.000000E+00
808	111.175	2.12500	-1.00000
809	111.175	2.12500	0.000000E+00
810	106.322	5.62500	-1.00000
811	105.155	2.12500	-1.00000
812	105.155	2.12500	0.000000E+00
813	105.155	5.62500	-1.00000
814	105.155	5.62500	0.000000E+00
815	105.322	9.12500	0.000000E+00
816	105.322	10.5000	0.000000E+00
817	106.322	3.12500	0.000000E+00
818	106.322	6.62500	0.000000E+00
819	106.322	10.1250	0.000000E+00
820	111.175	9.12500	-1.00000
821	111.175	9.12500	0.000000E+00
822	107.749	0.000000E+00	0.000000E+00
823	111.175	10.5000	0.000000E+00
824	107.749	0.750000	0.000000E+00
825	111.175	11.2500	0.000000E+00
826	107.582	2.12500	0.000000E+00
827	107.582	5.62500	0.000000E+00
828	107.749	9.12500	0.000000E+00
829	112.325	2.12500	0.000000E+00
830	107.749	10.5000	0.000000E+00
831	112.325	9.12500	0.000000E+00
832	108.749	3.12500	0.000000E+00
833	111.175	5.62500	0.000000E+00
834	108.749	6.62500	0.000000E+00
835	113.602	2.12500	0.000000E+00
836	108.749	10.1250	0.000000E+00
837	113.602	9.12500	0.000000E+00
838	110.175	0.000000E+00	0.000000E+00
839	110.175	0.750000	0.000000E+00
840	111.175	5.62500	-1.00000
841	116.028	0.000000E+00	0.000000E+00
842	110.008	2.12500	-1.00000
843	116.028	0.750000	0.000000E+00
844	110.008	2.12500	0.000000E+00
845	116.028	2.12500	-1.00000
846	116.028	2.12500	0.000000E+00
847	110.008	5.62500	-1.00000
848	110.008	5.62500	0.000000E+00
849	110.175	9.12500	0.000000E+00
850	110.175	10.5000	0.000000E+00
851	111.175	3.12500	0.000000E+00
852	111.175	6.62500	0.000000E+00
853	111.175	10.1250	0.000000E+00
854	112.325	3.12500	0.000000E+00
855	112.325	6.62500	0.000000E+00
856	112.325	10.1250	0.000000E+00
857	116.028	9.12500	-1.00000
858	116.028	9.12500	0.000000E+00
859	112.602	0.000000E+00	0.000000E+00
860	116.028	10.5000	0.000000E+00
861	112.602	0.750000	0.000000E+00
862	116.028	11.2500	0.000000E+00
863	112.435	2.12500	0.000000E+00
864	112.435	5.62500	0.000000E+00
865	112.602	9.12500	0.000000E+00
866	118.455	2.12500	0.000000E+00
867	112.602	10.5000	0.000000E+00
868	118.455	9.12500	0.000000E+00

869	113.602	3.12500	0.000000E+00
870	116.028	5.62500	0.000000E+00
871	113.602	6.62500	0.000000E+00
872	120.881	0.000000E+00	0.000000E+00
873	113.602	10.12500	0.000000E+00
874	120.881	0.750000	0.000000E+00
875	115.028	0.000000E+00	0.000000E+00
876	120.881	2.12500	-1.00000
877	120.881	2.12500	0.000000E+00
878	115.028	0.750000	0.000000E+00
879	116.028	5.62500	-1.00000
880	114.861	2.12500	-1.00000
881	114.861	2.12500	0.000000E+00
882	114.861	5.62500	-1.00000
883	114.861	5.62500	0.000000E+00
884	115.028	9.12500	0.000000E+00
885	115.028	10.5000	0.000000E+00
886	116.028	3.12500	0.000000E+00
887	116.028	6.62500	0.000000E+00
888	120.881	9.12500	-1.00000
889	120.881	9.12500	0.000000E+00
890	116.028	10.1250	0.000000E+00
891	120.881	10.5000	0.000000E+00
892	117.455	0.000000E+00	0.000000E+00
893	120.881	11.2500	0.000000E+00
894	117.455	0.750000	0.000000E+00
895	117.288	2.12500	0.000000E+00
896	117.288	5.62500	0.000000E+00
897	123.307	2.12500	0.000000E+00
898	117.455	9.12500	0.000000E+00
899	123.307	9.12500	0.000000E+00
900	117.455	10.5000	0.000000E+00
901	118.455	3.12500	0.000000E+00
902	120.881	5.62500	0.000000E+00
903	124.582	2.12500	0.000000E+00
904	118.455	6.62500	0.000000E+00
905	124.582	9.12500	0.000000E+00
906	118.455	10.1250	0.000000E+00
907	119.881	0.000000E+00	0.000000E+00
908	119.881	0.750000	0.000000E+00
909	125.734	0.000000E+00	0.000000E+00
910	120.881	5.62500	-1.00000
911	125.734	0.750000	0.000000E+00
912	119.714	2.12500	-1.00000
913	125.734	2.12500	-1.00000
914	125.734	2.12500	0.000000E+00
915	119.714	2.12500	0.000000E+00
916	119.714	5.62500	-1.00000
917	119.714	5.62500	0.000000E+00
918	119.881	9.12500	0.000000E+00
919	119.881	10.5000	0.000000E+00
920	120.881	3.12500	0.000000E+00
921	120.881	6.62500	0.000000E+00
922	120.881	10.1250	0.000000E+00
923	122.307	0.000000E+00	0.000000E+00
924	122.307	0.750000	0.000000E+00
925	125.734	9.12500	-1.00000
926	125.734	9.12500	0.000000E+00
927	122.141	2.12500	0.000000E+00
928	125.734	10.5000	0.000000E+00
929	122.141	5.62500	0.000000E+00
930	125.734	11.2500	0.000000E+00
931	122.307	9.12500	0.000000E+00
932	122.307	10.5000	0.000000E+00
933	123.307	3.12500	0.000000E+00
934	128.160	2.12500	0.000000E+00
935	123.307	6.62500	0.000000E+00
936	128.160	9.12500	0.000000E+00
937	123.307	10.1250	0.000000E+00
938	124.582	3.12500	0.000000E+00
939	125.734	5.62500	0.000000E+00
940	130.587	0.000000E+00	0.000000E+00
941	124.582	6.62500	0.000000E+00
942	130.587	0.750000	0.000000E+00
943	124.582	10.1250	0.000000E+00
944	34.5470	9.12500	-2.50000
945	33.5470	10.1250	-2.50000
946	130.587	2.12500	-1.00000
947	130.587	2.12500	0.000000E+00
948	124.734	0.000000E+00	0.000000E+00
949	124.734	0.750000	0.000000E+00
950	125.734	5.62500	-1.00000
951	124.567	2.12500	-1.00000
952	83.0570	2.12500	-2.50000
953	82.0570	3.12500	-2.50000
954	124.567	2.12500	0.000000E+00
955	124.567	5.62500	-1.00000
956	124.567	5.62500	0.000000E+00
957	124.734	9.12500	0.000000E+00
958	124.734	10.5000	0.000000E+00
959	125.734	3.12500	0.000000E+00
960	83.0570	9.12500	-2.50000
961	82.0570	10.1250	-2.50000
962	130.587	9.12500	-1.00000
963	130.587	9.12500	0.000000E+00
964	125.734	6.62500	0.000000E+00
965	130.587	10.5000	0.000000E+00
966	125.734	10.1250	0.000000E+00
967	130.587	11.2500	0.000000E+00
968	127.160	0.000000E+00	0.000000E+00
969	127.160	0.750000	0.000000E+00
970	126.994	2.12500	0.000000E+00
971	133.015	2.12500	0.000000E+00
972	126.994	5.62500	0.000000E+00
973	133.015	9.12500	0.000000E+00

974	127.160	9.12500	0.000000E+00
975	127.160	10.5000	0.000000E+00
976	128.160	3.12500	0.000000E+00
977	135.442	0.000000E+00	0.000000E+00
978	130.587	5.62500	0.000000E+00
979	135.442	0.750000	0.000000E+00
980	128.160	6.62500	0.000000E+00
981	135.442	2.12500	-1.00000
982	135.442	2.12500	0.000000E+00
983	128.160	10.1250	0.000000E+00
984	129.587	0.000000E+00	0.000000E+00
985	129.587	0.750000	0.000000E+00
986	130.587	5.62500	-1.00000
987	129.420	2.12500	-1.00000
988	129.420	2.12500	0.000000E+00
989	129.420	5.62500	-1.00000
990	129.420	5.62500	0.000000E+00
991	129.587	9.12500	0.000000E+00
992	129.587	10.5000	0.000000E+00
993	135.442	9.12500	-1.00000
994	135.442	9.12500	0.000000E+00
995	130.587	3.12500	0.000000E+00
996	135.442	10.5000	0.000000E+00
997	130.587	6.62500	0.000000E+00
998	135.442	11.2500	0.000000E+00
999	130.587	10.1250	0.000000E+00
1000	132.014	0.000000E+00	0.000000E+00
1001	132.014	0.750000	0.000000E+00
1002	136.594	2.12500	0.000000E+00
1003	131.848	2.12500	0.000000E+00
1004	136.594	9.12500	0.000000E+00
1005	131.848	5.62500	0.000000E+00
1006	132.014	9.12500	0.000000E+00
1007	132.014	10.5000	0.000000E+00
1008	137.869	2.12500	0.000000E+00
1009	133.015	3.12500	0.000000E+00
1010	137.869	9.12500	0.000000E+00
1011	135.442	5.62500	0.000000E+00
1012	133.015	6.62500	0.000000E+00
1013	133.015	10.1250	0.000000E+00
1014	140.297	0.000000E+00	0.000000E+00
1015	134.442	0.000000E+00	0.000000E+00
1016	140.297	0.750000	0.000000E+00
1017	134.442	0.750000	0.000000E+00
1018	140.297	2.12500	-1.00000
1019	140.297	2.12500	0.000000E+00
1020	135.442	5.62500	-1.00000
1021	134.275	2.12500	-1.00000
1022	134.275	2.12500	0.000000E+00
1023	134.275	5.62500	-1.00000
1024	134.275	5.62500	0.000000E+00
1025	134.442	9.12500	0.000000E+00
1026	134.442	10.5000	0.000000E+00
1027	135.442	3.12500	0.000000E+00
1028	135.442	6.62500	0.000000E+00
1029	135.442	10.1250	0.000000E+00
1030	140.297	9.12500	-1.00000
1031	140.297	9.12500	0.000000E+00
1032	136.594	3.12500	0.000000E+00
1033	140.297	10.5000	0.000000E+00
1034	136.594	6.62500	0.000000E+00
1035	140.297	11.2500	0.000000E+00
1036	136.594	10.1250	0.000000E+00
1037	136.869	0.000000E+00	0.000000E+00
1038	136.869	0.750000	0.000000E+00
1039	142.724	2.12500	0.000000E+00
1040	136.703	2.12500	0.000000E+00
1041	142.724	9.12500	0.000000E+00
1042	136.703	5.62500	0.000000E+00
1043	136.869	9.12500	0.000000E+00
1044	136.869	10.5000	0.000000E+00
1045	145.152	0.000000E+00	0.000000E+00
1046	137.869	3.12500	0.000000E+00
1047	145.152	0.750000	0.000000E+00
1048	140.297	5.62500	0.000000E+00
1049	145.152	2.12500	-1.00000
1050	145.152	2.12500	0.000000E+00
1051	137.869	6.62500	0.000000E+00
1052	137.869	10.1250	0.000000E+00
1053	139.297	0.000000E+00	0.000000E+00
1054	139.297	0.750000	0.000000E+00
1055	140.297	5.62500	-1.00000
1056	139.130	2.12500	-1.00000
1057	139.130	2.12500	0.000000E+00
1058	139.130	5.62500	-1.00000
1059	139.130	5.62500	0.000000E+00
1060	139.297	9.12500	0.000000E+00
1061	145.152	9.12500	-1.00000
1062	145.152	9.12500	0.000000E+00
1063	139.297	10.5000	0.000000E+00
1064	145.152	10.5000	0.000000E+00
1065	140.297	3.12500	0.000000E+00
1066	145.152	11.2500	0.000000E+00
1067	140.297	6.62500	0.000000E+00
1068	140.297	10.1250	0.000000E+00
1069	141.724	0.000000E+00	0.000000E+00
1070	147.579	2.12500	0.000000E+00
1071	141.724	0.750000	0.000000E+00
1072	147.579	9.12500	0.000000E+00
1073	141.558	2.12500	0.000000E+00
1074	141.558	5.62500	0.000000E+00
1075	141.724	9.12500	0.000000E+00
1076	148.856	2.12500	0.000000E+00
1077	141.724	10.5000	0.000000E+00
1078	148.856	9.12500	0.000000E+00

1079	142.724	3.12500	0.000000E+00
1080	145.152	5.62500	0.000000E+00
1081	142.724	6.62500	0.000000E+00
1082	150.007	0.000000E+00	0.000000E+00
1083	142.724	10.12500	0.000000E+00
1084	150.007	0.750000	0.000000E+00
1085	144.152	0.000000E+00	0.000000E+00
1086	150.007	2.12500	-1.000000
1087	150.007	2.12500	0.000000E+00
1088	144.152	0.750000	0.000000E+00
1089	145.152	5.62500	-1.000000
1090	143.985	2.12500	-1.000000
1091	143.985	2.12500	0.000000E+00
1092	143.985	5.62500	-1.000000
1093	143.985	5.62500	0.000000E+00
1094	144.152	9.12500	0.000000E+00
1095	144.152	10.50000	0.000000E+00
1096	145.152	3.12500	0.000000E+00
1097	145.152	6.62500	0.000000E+00
1098	150.007	9.12500	-1.000000
1099	150.007	9.12500	0.000000E+00
1100	145.152	10.12500	0.000000E+00
1101	150.007	10.50000	0.000000E+00
1102	146.579	0.000000E+00	0.000000E+00
1103	150.007	11.25000	0.000000E+00
1104	146.579	0.750000	0.000000E+00
1105	146.413	2.12500	0.000000E+00
1106	146.413	5.62500	0.000000E+00
1107	152.435	2.12500	0.000000E+00
1108	146.579	9.12500	0.000000E+00
1109	152.435	9.12500	0.000000E+00
1110	146.579	10.50000	0.000000E+00
1111	147.579	3.12500	0.000000E+00
1112	147.579	6.62500	0.000000E+00
1113	154.862	0.000000E+00	0.000000E+00
1114	147.579	10.12500	0.000000E+00
1115	154.862	0.750000	0.000000E+00
1116	148.856	3.12500	0.000000E+00
1117	154.862	2.12500	-1.000000
1118	154.862	2.12500	0.000000E+00
1119	150.007	5.62500	0.000000E+00
1120	148.856	6.62500	0.000000E+00
1121	148.856	10.12500	0.000000E+00
1122	149.007	0.000000E+00	0.000000E+00
1123	149.007	0.750000	0.000000E+00
1124	150.007	5.62500	-1.000000
1125	148.840	2.12500	-1.000000
1126	148.840	2.12500	0.000000E+00
1127	148.840	5.62500	-1.000000
1128	148.840	5.62500	0.000000E+00
1129	154.862	9.12500	-1.000000
1130	154.862	9.12500	0.000000E+00
1131	149.007	9.12500	0.000000E+00
1132	154.862	10.50000	0.000000E+00
1133	149.007	10.50000	0.000000E+00
1134	154.862	11.25000	0.000000E+00
1135	150.007	3.12500	0.000000E+00
1136	150.007	6.62500	0.000000E+00
1137	150.007	10.12500	0.000000E+00
1138	157.290	2.12500	0.000000E+00
1139	151.435	0.000000E+00	0.000000E+00
1140	157.290	9.12500	0.000000E+00
1141	151.435	0.750000	0.000000E+00
1142	151.268	2.12500	0.000000E+00
1143	151.268	5.62500	0.000000E+00
1144	159.717	0.000000E+00	0.000000E+00
1145	151.435	9.12500	0.000000E+00
1146	159.717	0.750000	0.000000E+00
1147	151.435	10.50000	0.000000E+00
1148	159.717	2.12500	-1.000000
1149	159.717	2.12500	0.000000E+00
1150	152.435	3.12500	0.000000E+00
1151	154.862	5.62500	0.000000E+00
1152	152.435	6.62500	0.000000E+00
1153	152.435	10.12500	0.000000E+00
1154	153.862	0.000000E+00	0.000000E+00
1155	153.862	0.750000	0.000000E+00
1156	154.862	5.62500	-1.000000
1157	153.695	2.12500	-1.000000
1158	153.695	2.12500	0.000000E+00
1159	153.695	5.62500	-1.000000
1160	159.717	9.12500	-1.000000
1161	159.717	9.12500	0.000000E+00
1162	153.695	5.62500	0.000000E+00
1163	159.717	10.50000	0.000000E+00
1164	153.862	9.12500	0.000000E+00
1165	159.717	11.25000	0.000000E+00
1166	153.862	10.50000	0.000000E+00
1167	154.862	3.12500	0.000000E+00
1168	154.862	6.62500	0.000000E+00
1169	160.868	2.12500	0.000000E+00
1170	154.862	10.12500	0.000000E+00
1171	160.868	9.12500	0.000000E+00
1172	156.290	0.000000E+00	0.000000E+00
1173	156.290	0.750000	0.000000E+00
1174	156.123	2.12500	0.000000E+00
1175	162.144	2.12500	0.000000E+00
1176	156.123	5.62500	0.000000E+00
1177	162.144	9.12500	0.000000E+00
1178	156.290	9.12500	0.000000E+00
1179	156.290	10.50000	0.000000E+00
1180	157.290	3.12500	0.000000E+00
1181	164.572	0.000000E+00	0.000000E+00
1182	159.717	5.62500	0.000000E+00
1183	164.572	0.750000	0.000000E+00

1184	157.290	6.62500	0.000000E+00
1185	164.572	2.12500	-1.00000
1186	164.572	2.12500	0.000000E+00
1187	157.290	10.1250	0.000000E+00
1188	158.717	0.000000E+00	0.000000E+00
1189	158.717	0.750000	0.000000E+00
1190	159.717	5.62500	-1.00000
1191	158.550	2.12500	-1.00000
1192	158.550	2.12500	0.000000E+00
1193	158.550	5.62500	-1.00000
1194	158.550	5.62500	0.000000E+00
1195	158.717	9.12500	0.000000E+00
1196	158.717	10.5000	0.000000E+00
1197	164.572	9.12500	-1.00000
1198	164.572	9.12500	0.000000E+00
1199	159.717	3.12500	0.000000E+00
1200	164.572	10.5000	0.000000E+00
1201	159.717	6.62500	0.000000E+00
1202	164.572	11.2500	0.000000E+00
1203	159.717	10.1250	0.000000E+00
1204	160.868	3.12500	0.000000E+00
1205	160.868	6.62500	0.000000E+00
1206	166.999	2.12500	0.000000E+00
1207	160.868	10.1250	0.000000E+00
1208	166.999	9.12500	0.000000E+00
1209	161.144	0.000000E+00	0.000000E+00
1210	161.144	0.750000	0.000000E+00
1211	160.978	2.12500	0.000000E+00
1212	169.427	0.000000E+00	0.000000E+00
1213	160.978	5.62500	0.000000E+00
1214	169.427	0.750000	0.000000E+00
1215	161.144	9.12500	0.000000E+00
1216	169.427	2.12500	-1.00000
1217	169.427	2.12500	0.000000E+00
1218	161.144	10.5000	0.000000E+00
1219	162.144	3.12500	0.000000E+00
1220	164.572	5.62500	0.000000E+00
1221	162.144	6.62500	0.000000E+00
1222	162.144	10.1250	0.000000E+00
1223	163.572	0.000000E+00	0.000000E+00
1224	163.572	0.750000	0.000000E+00
1225	164.572	5.62500	-1.00000
1226	163.405	2.12500	-1.00000
1227	163.405	2.12500	0.000000E+00
1228	169.427	9.12500	-1.00000
1229	169.427	9.12500	0.000000E+00
1230	163.405	5.62500	-1.00000
1231	169.427	10.5000	0.000000E+00
1232	163.405	5.62500	0.000000E+00
1233	169.427	11.2500	0.000000E+00
1234	163.572	9.12500	0.000000E+00
1235	163.572	10.5000	0.000000E+00
1236	164.572	3.12500	0.000000E+00
1237	171.855	2.12500	0.000000E+00
1238	164.572	6.62500	0.000000E+00
1239	171.855	9.12500	0.000000E+00
1240	164.572	10.1250	0.000000E+00
1241	165.999	0.000000E+00	0.000000E+00
1242	165.999	0.750000	0.000000E+00
1243	173.130	2.12500	0.000000E+00
1244	165.833	2.12500	0.000000E+00
1245	173.130	9.12500	0.000000E+00
1246	165.833	5.62500	0.000000E+00
1247	165.999	9.12500	0.000000E+00
1248	165.999	10.5000	0.000000E+00
1249	174.282	0.000000E+00	0.000000E+00
1250	166.999	3.12500	0.000000E+00
1251	174.282	0.750000	0.000000E+00
1252	169.427	5.62500	0.000000E+00
1253	174.282	2.12500	-1.00000
1254	174.282	2.12500	0.000000E+00
1255	166.999	6.62500	0.000000E+00
1256	166.999	10.1250	0.000000E+00
1257	168.427	0.000000E+00	0.000000E+00
1258	168.427	0.750000	0.000000E+00
1259	169.427	5.62500	-1.00000
1260	168.260	2.12500	-1.00000
1261	168.260	2.12500	0.000000E+00
1262	168.260	5.62500	-1.00000
1263	168.260	5.62500	0.000000E+00
1264	168.427	9.12500	0.000000E+00
1265	174.282	9.12500	-1.00000
1266	174.282	9.12500	0.000000E+00
1267	168.427	10.5000	0.000000E+00
1268	174.282	10.5000	0.000000E+00
1269	169.427	3.12500	0.000000E+00
1270	174.282	11.2500	0.000000E+00
1271	169.427	6.62500	0.000000E+00
1272	169.427	10.1250	0.000000E+00
1273	170.855	0.000000E+00	0.000000E+00
1274	176.710	2.12500	0.000000E+00
1275	170.855	0.750000	0.000000E+00
1276	176.710	9.12500	0.000000E+00
1277	170.688	2.12500	0.000000E+00
1278	170.688	5.62500	0.000000E+00
1279	170.855	9.12500	0.000000E+00
1280	179.137	0.000000E+00	0.000000E+00
1281	170.855	10.5000	0.000000E+00
1282	179.137	0.750000	0.000000E+00
1283	171.855	3.12500	0.000000E+00
1284	131.587	2.12500	-2.50000
1285	130.587	3.12500	-2.50000
1286	179.137	2.12500	-1.00000
1287	179.137	2.12500	0.000000E+00
1288	171.855	6.62500	0.000000E+00

1289	171.855	10.1250	0.000000E+00
1290	173.130	3.12500	0.000000E+00
1291	174.282	5.62500	0.000000E+00
1292	131.587	9.12500	-2.50000
1293	130.587	10.1250	-2.50000
1294	173.130	6.62500	0.000000E+00
1295	173.130	10.1250	0.000000E+00
1296	173.282	0.000000E+00	0.000000E+00
1297	173.282	0.750000	0.000000E+00
1298	174.282	5.62500	-1.00000
1299	173.115	2.12500	-1.00000
1300	180.137	2.12500	-2.50000
1301	179.137	3.12500	-2.50000
1302	179.137	9.12500	-1.00000
1303	179.137	9.12500	0.000000E+00
1304	173.115	2.12500	0.000000E+00
1305	179.137	10.5000	0.000000E+00
1306	173.115	5.62500	-1.00000
1307	179.137	11.2500	0.000000E+00
1308	173.115	5.62500	0.000000E+00
1309	173.282	9.12500	0.000000E+00
1310	173.282	10.5000	0.000000E+00
1311	181.566	2.12500	0.000000E+00
1312	174.282	3.12500	0.000000E+00
1313	181.566	9.12500	0.000000E+00
1314	174.282	6.62500	0.000000E+00
1315	174.282	10.1250	0.000000E+00
1316	175.710	0.000000E+00	0.000000E+00
1317	183.994	0.000000E+00	0.000000E+00
1318	175.710	0.750000	0.000000E+00
1319	183.994	0.750000	0.000000E+00
1320	175.543	2.12500	0.000000E+00
1321	183.994	2.12500	-1.00000
1322	183.994	2.12500	0.000000E+00
1323	175.543	5.62500	0.000000E+00
1324	175.710	9.12500	0.000000E+00
1325	175.710	10.5000	0.000000E+00
1326	176.710	3.12500	0.000000E+00
1327	179.137	5.62500	0.000000E+00
1328	176.710	6.62500	0.000000E+00
1329	176.710	10.1250	0.000000E+00
1330	178.137	0.000000E+00	0.000000E+00
1331	178.137	0.750000	0.000000E+00
1332	179.137	5.62500	-1.00000
1333	183.994	9.12500	-1.00000
1334	183.994	9.12500	0.000000E+00
1335	177.970	2.12500	-1.00000
1336	183.994	10.5000	0.000000E+00
1337	177.970	2.12500	0.000000E+00
1338	183.994	11.2500	0.000000E+00
1339	177.970	5.62500	-1.00000
1340	177.970	5.62500	0.000000E+00
1341	178.137	9.12500	0.000000E+00
1342	185.147	2.12500	0.000000E+00
1343	178.137	10.5000	0.000000E+00
1344	185.147	9.12500	0.000000E+00
1345	179.137	3.12500	0.000000E+00
1346	179.137	6.62500	0.000000E+00
1347	179.137	10.1250	0.000000E+00
1348	186.423	2.12500	0.000000E+00
1349	180.566	0.000000E+00	0.000000E+00
1350	186.423	9.12500	0.000000E+00
1351	180.566	0.750000	0.000000E+00
1352	180.399	2.12500	0.000000E+00
1353	180.399	5.62500	0.000000E+00
1354	188.851	0.000000E+00	0.000000E+00
1355	180.566	9.12500	0.000000E+00
1356	188.851	0.750000	0.000000E+00
1357	180.566	10.5000	0.000000E+00
1358	188.851	2.12500	-1.00000
1359	188.851	2.12500	0.000000E+00
1360	181.566	3.12500	0.000000E+00
1361	183.994	5.62500	0.000000E+00
1362	181.566	6.62500	0.000000E+00
1363	181.566	10.1250	0.000000E+00
1364	182.994	0.000000E+00	0.000000E+00
1365	182.994	0.750000	0.000000E+00
1366	183.994	5.62500	-1.00000
1367	182.827	2.12500	-1.00000
1368	182.827	2.12500	0.000000E+00
1369	182.827	5.62500	-1.00000
1370	188.851	9.12500	-1.00000
1371	188.851	9.12500	0.000000E+00
1372	182.827	5.62500	0.000000E+00
1373	188.851	10.5000	0.000000E+00
1374	182.994	9.12500	0.000000E+00
1375	188.851	11.2500	0.000000E+00
1376	182.994	10.5000	0.000000E+00
1377	183.994	3.12500	0.000000E+00
1378	183.994	6.62500	0.000000E+00
1379	191.279	2.12500	0.000000E+00
1380	183.994	10.1250	0.000000E+00
1381	191.279	9.12500	0.000000E+00
1382	185.147	3.12500	0.000000E+00
1383	185.147	6.62500	0.000000E+00
1384	185.147	10.1250	0.000000E+00
1385	193.708	0.000000E+00	0.000000E+00
1386	185.423	0.000000E+00	0.000000E+00
1387	193.708	0.750000	0.000000E+00
1388	185.423	0.750000	0.000000E+00
1389	193.708	2.12500	-1.00000
1390	193.708	2.12500	0.000000E+00
1391	185.256	2.12500	0.000000E+00
1392	185.256	5.62500	0.000000E+00
1393	185.423	9.12500	0.000000E+00

1394	185.423	10.5000	0.000000E+00
1395	186.423	3.12500	0.000000E+00
1396	188.851	5.62500	0.000000E+00
1397	186.423	6.62500	0.000000E+00
1398	186.423	10.1250	0.000000E+00
1399	187.851	0.000000E+00	0.000000E+00
1400	187.851	0.750000	0.000000E+00
1401	193.708	9.12500	-1.00000
1402	193.708	9.12500	0.000000E+00
1403	188.851	5.62500	-1.00000
1404	193.708	10.5000	0.000000E+00
1405	187.684	2.12500	-1.00000
1406	193.708	11.2500	0.000000E+00
1407	187.684	2.12500	0.000000E+00
1408	187.684	5.62500	-1.00000
1409	187.684	5.62500	0.000000E+00
1410	196.136	2.12500	0.000000E+00
1411	187.851	9.12500	0.000000E+00
1412	196.136	9.12500	0.000000E+00
1413	187.851	10.5000	0.000000E+00
1414	188.851	3.12500	0.000000E+00
1415	188.851	6.62500	0.000000E+00
1416	197.414	2.12500	0.000000E+00
1417	188.851	10.1250	0.000000E+00
1418	197.414	9.12500	0.000000E+00
1419	190.279	0.000000E+00	0.000000E+00
1420	190.279	0.750000	0.000000E+00
1421	190.113	2.12500	0.000000E+00
1422	198.565	0.000000E+00	0.000000E+00
1423	190.113	5.62500	0.000000E+00
1424	198.565	0.750000	0.000000E+00
1425	190.279	9.12500	0.000000E+00
1426	198.565	2.12500	-1.00000
1427	198.565	2.12500	0.000000E+00
1428	190.279	10.5000	0.000000E+00
1429	191.279	3.12500	0.000000E+00
1430	193.708	5.62500	0.000000E+00
1431	191.279	6.62500	0.000000E+00
1432	191.279	10.1250	0.000000E+00
1433	192.708	0.000000E+00	0.000000E+00
1434	192.708	0.750000	0.000000E+00
1435	193.708	5.62500	-1.00000
1436	192.541	2.12500	-1.00000
1437	192.541	2.12500	0.000000E+00
1438	198.565	9.12500	-1.00000
1439	198.565	9.12500	0.000000E+00
1440	192.541	5.62500	-1.00000
1441	198.565	10.5000	0.000000E+00
1442	192.541	5.62500	0.000000E+00
1443	198.565	11.2500	0.000000E+00
1444	192.708	9.12500	0.000000E+00
1445	192.708	10.5000	0.000000E+00
1446	193.708	3.12500	0.000000E+00
1447	200.994	2.12500	0.000000E+00
1448	193.708	6.62500	0.000000E+00
1449	200.994	9.12500	0.000000E+00
1450	193.708	10.1250	0.000000E+00
1451	195.136	0.000000E+00	0.000000E+00
1452	195.136	0.750000	0.000000E+00
1453	203.422	0.000000E+00	0.000000E+00
1454	194.970	2.12500	0.000000E+00
1455	203.422	0.750000	0.000000E+00
1456	194.970	5.62500	0.000000E+00
1457	203.422	2.12500	-1.00000
1458	203.422	2.12500	0.000000E+00
1459	195.136	9.12500	0.000000E+00
1460	195.136	10.5000	0.000000E+00
1461	196.136	3.12500	0.000000E+00
1462	196.136	6.62500	0.000000E+00
1463	196.136	10.1250	0.000000E+00
1464	197.414	3.12500	0.000000E+00
1465	198.565	5.62500	0.000000E+00
1466	197.414	6.62500	0.000000E+00
1467	197.414	10.1250	0.000000E+00
1468	197.565	0.000000E+00	0.000000E+00
1469	203.422	9.12500	-1.00000
1470	203.422	9.12500	0.000000E+00
1471	197.565	0.750000	0.000000E+00
1472	203.422	10.5000	0.000000E+00
1473	198.565	5.62500	-1.00000
1474	203.422	11.2500	0.000000E+00
1475	197.398	2.12500	-1.00000
1476	197.398	2.12500	0.000000E+00
1477	197.398	5.62500	-1.00000
1478	205.850	2.12500	0.000000E+00
1479	197.398	5.62500	0.000000E+00
1480	205.850	9.12500	0.000000E+00
1481	197.565	9.12500	0.000000E+00
1482	197.565	10.5000	0.000000E+00
1483	198.565	3.12500	0.000000E+00
1484	208.279	0.000000E+00	0.000000E+00
1485	198.565	6.62500	0.000000E+00
1486	208.279	0.750000	0.000000E+00
1487	198.565	10.1250	0.000000E+00
1488	208.279	2.12500	-1.00000
1489	208.279	2.12500	0.000000E+00
1490	199.993	0.000000E+00	0.000000E+00
1491	199.993	0.750000	0.000000E+00
1492	199.827	2.12500	0.000000E+00
1493	199.827	5.62500	0.000000E+00
1494	199.993	9.12500	0.000000E+00
1495	199.993	10.5000	0.000000E+00
1496	200.994	3.12500	0.000000E+00
1497	203.422	5.62500	0.000000E+00
1498	200.994	6.62500	0.000000E+00



1499	200.994	10.1250	0.000000E+00
1500	208.279	9.12500	-1.00000
1501	208.279	9.12500	0.000000E+00
1502	202.422	0.000000E+00	0.000000E+00
1503	208.279	10.5000	0.000000E+00
1504	202.422	0.750000	0.000000E+00
1505	208.279	11.2500	0.000000E+00
1506	203.422	5.62500	-1.00000
1507	202.255	2.12500	-1.00000
1508	202.255	2.12500	0.000000E+00
1509	209.430	2.12500	0.000000E+00
1510	202.255	5.62500	-1.00000
1511	209.430	9.12500	0.000000E+00
1512	202.255	5.62500	0.000000E+00
1513	202.422	9.12500	0.000000E+00
1514	202.422	10.5000	0.000000E+00
1515	210.708	2.12500	0.000000E+00
1516	203.422	3.12500	0.000000E+00
1517	210.708	9.12500	0.000000E+00
1518	203.422	6.62500	0.000000E+00
1519	203.422	10.1250	0.000000E+00
1520	204.851	0.000000E+00	0.000000E+00
1521	213.136	0.000000E+00	0.000000E+00
1522	204.851	0.750000	0.000000E+00
1523	213.136	0.750000	0.000000E+00
1524	204.684	2.12500	0.000000E+00
1525	213.136	2.12500	-1.00000
1526	213.136	2.12500	0.000000E+00
1527	204.684	5.62500	0.000000E+00
1528	204.851	9.12500	0.000000E+00
1529	204.851	10.5000	0.000000E+00
1530	205.850	3.12500	0.000000E+00
1531	208.279	5.62500	0.000000E+00
1532	205.850	6.62500	0.000000E+00
1533	205.850	10.1250	0.000000E+00
1534	207.279	0.000000E+00	0.000000E+00
1535	207.279	0.750000	0.000000E+00
1536	208.279	5.62500	-1.00000
1537	213.136	9.12500	-1.00000
1538	213.136	9.12500	0.000000E+00
1539	207.112	2.12500	-1.00000
1540	213.136	10.5000	0.000000E+00
1541	207.112	2.12500	0.000000E+00
1542	213.136	11.2500	0.000000E+00
1543	207.112	5.62500	-1.00000
1544	207.112	5.62500	0.000000E+00
1545	207.279	9.12500	0.000000E+00
1546	215.564	2.12500	0.000000E+00
1547	207.279	10.5000	0.000000E+00
1548	215.564	9.12500	0.000000E+00
1549	208.279	3.12500	0.000000E+00
1550	208.279	6.62500	0.000000E+00
1551	208.279	10.1250	0.000000E+00
1552	217.993	0.000000E+00	0.000000E+00
1553	209.430	3.12500	0.000000E+00
1554	217.993	0.750000	0.000000E+00
1555	209.430	6.62500	0.000000E+00
1556	217.993	2.12500	-1.00000
1557	217.993	2.12500	0.000000E+00
1558	209.430	10.1250	0.000000E+00
1559	209.707	0.000000E+00	0.000000E+00
1560	209.707	0.750000	0.000000E+00
1561	209.541	2.12500	0.000000E+00
1562	209.541	5.62500	0.000000E+00
1563	209.707	9.12500	0.000000E+00
1564	209.707	10.5000	0.000000E+00
1565	210.708	3.12500	0.000000E+00
1566	213.136	5.62500	0.000000E+00
1567	210.708	6.62500	0.000000E+00
1568	217.993	9.12500	-1.00000
1569	217.993	9.12500	0.000000E+00
1570	210.708	10.1250	0.000000E+00
1571	217.993	10.5000	0.000000E+00
1572	212.136	0.000000E+00	0.000000E+00
1573	217.993	11.2500	0.000000E+00
1574	212.136	0.750000	0.000000E+00
1575	213.136	5.62500	-1.00000
1576	211.969	2.12500	-1.00000
1577	220.422	2.12500	0.000000E+00
1578	211.969	2.12500	0.000000E+00
1579	220.422	9.12500	0.000000E+00
1580	211.969	5.62500	-1.00000
1581	211.969	5.62500	0.000000E+00
1582	212.136	9.12500	0.000000E+00
1583	221.697	2.12500	0.000000E+00
1584	212.136	10.5000	0.000000E+00
1585	221.697	9.12500	0.000000E+00
1586	213.136	3.12500	0.000000E+00
1587	213.136	6.62500	0.000000E+00
1588	213.136	10.1250	0.000000E+00
1589	222.850	0.000000E+00	0.000000E+00
1590	214.564	0.000000E+00	0.000000E+00
1591	222.850	0.750000	0.000000E+00
1592	214.564	0.750000	0.000000E+00
1593	222.850	2.12500	-1.00000
1594	222.850	2.12500	0.000000E+00
1595	214.398	2.12500	0.000000E+00
1596	214.398	5.62500	0.000000E+00
1597	214.564	9.12500	0.000000E+00
1598	214.564	10.5000	0.000000E+00
1599	215.564	3.12500	0.000000E+00
1600	217.993	5.62500	0.000000E+00
1601	215.564	6.62500	0.000000E+00
1602	215.564	10.1250	0.000000E+00
1603	216.993	0.000000E+00	0.000000E+00

1604	216.993	0.750000	0.000000E+00
1605	222.850	9.12500	-1.00000
1606	222.850	9.12500	0.000000E+00
1607	217.993	5.62500	-1.00000
1608	222.850	10.5000	0.000000E+00
1609	216.826	2.12500	-1.00000
1610	222.850	11.2500	0.000000E+00
1611	216.826	2.12500	0.000000E+00
1612	216.826	5.62500	-1.00000
1613	216.826	5.62500	0.000000E+00
1614	225.278	2.12500	0.000000E+00
1615	216.993	9.12500	0.000000E+00
1616	225.278	9.12500	0.000000E+00
1617	216.993	10.5000	0.000000E+00
1618	217.993	3.12500	0.000000E+00
1619	217.993	6.62500	0.000000E+00
1620	227.707	0.000000E+00	0.000000E+00
1621	217.993	10.1250	0.000000E+00
1622	227.707	0.750000	0.000000E+00
1623	219.421	0.000000E+00	0.000000E+00
1624	180.137	9.12500	-2.50000
1625	179.137	10.1250	-2.50000
1626	227.707	2.12500	-1.00000
1627	227.707	2.12500	0.000000E+00
1628	219.421	0.750000	0.000000E+00
1629	219.255	2.12500	0.000000E+00
1630	219.255	5.62500	0.000000E+00
1631	219.421	9.12500	0.000000E+00
1632	228.707	2.12500	-2.50000
1633	227.707	3.12500	-2.50000
1634	219.421	10.5000	0.000000E+00
1635	220.422	3.12500	0.000000E+00
1636	220.422	6.62500	0.000000E+00
1637	220.422	10.1250	0.000000E+00
1638	221.697	3.12500	0.000000E+00
1639	222.850	5.62500	0.000000E+00
1640	228.707	9.12500	-2.50000
1641	227.707	10.1250	-2.50000
1642	227.707	9.12500	-1.00000
1643	227.707	9.12500	0.000000E+00
1644	221.697	6.62500	0.000000E+00
1645	227.707	10.5000	0.000000E+00
1646	221.697	10.1250	0.000000E+00
1647	227.707	11.2500	0.000000E+00
1648	221.850	0.000000E+00	0.000000E+00
1649	221.850	0.750000	0.000000E+00
1650	222.850	5.62500	-1.00000
1651	230.136	2.12500	0.000000E+00
1652	221.683	2.12500	-1.00000
1653	230.136	9.12500	0.000000E+00
1654	221.683	2.12500	0.000000E+00
1655	221.683	5.62500	-1.00000
1656	221.683	5.62500	0.000000E+00
1657	232.565	0.000000E+00	0.000000E+00
1658	221.850	9.12500	0.000000E+00
1659	232.565	0.750000	0.000000E+00
1660	221.850	10.5000	0.000000E+00
1661	232.565	2.12500	-1.00000
1662	232.565	2.12500	0.000000E+00
1663	222.850	3.12500	0.000000E+00
1664	222.850	6.62500	0.000000E+00
1665	222.850	10.1250	0.000000E+00
1666	224.279	0.000000E+00	0.000000E+00
1667	224.279	0.750000	0.000000E+00
1668	224.112	2.12500	0.000000E+00
1669	224.112	5.62500	0.000000E+00
1670	224.279	9.12500	0.000000E+00
1671	224.279	10.5000	0.000000E+00
1672	225.278	3.12500	0.000000E+00
1673	232.565	9.12500	-1.00000
1674	232.565	9.12500	0.000000E+00
1675	227.707	5.62500	0.000000E+00
1676	232.565	10.5000	0.000000E+00
1677	225.278	6.62500	0.000000E+00
1678	232.565	11.2500	0.000000E+00
1679	225.278	10.1250	0.000000E+00
1680	226.707	0.000000E+00	0.000000E+00
1681	226.707	0.750000	0.000000E+00
1682	233.716	2.12500	0.000000E+00
1683	227.707	5.62500	-1.00000
1684	233.716	9.12500	0.000000E+00
1685	226.540	2.12500	-1.00000
1686	226.540	2.12500	0.000000E+00
1687	226.540	5.62500	-1.00000
1688	234.994	2.12500	0.000000E+00
1689	226.540	5.62500	0.000000E+00
1690	234.994	9.12500	0.000000E+00
1691	226.707	9.12500	0.000000E+00
1692	226.707	10.5000	0.000000E+00
1693	227.707	3.12500	0.000000E+00
1694	237.423	0.000000E+00	0.000000E+00
1695	227.707	6.62500	0.000000E+00
1696	237.423	0.750000	0.000000E+00
1697	227.707	10.1250	0.000000E+00
1698	237.423	2.12500	-1.00000
1699	237.423	2.12500	0.000000E+00
1700	229.136	0.000000E+00	0.000000E+00
1701	229.136	0.750000	0.000000E+00
1702	228.969	2.12500	0.000000E+00
1703	228.969	5.62500	0.000000E+00
1704	229.136	9.12500	0.000000E+00
1705	229.136	10.5000	0.000000E+00
1706	230.136	3.12500	0.000000E+00
1707	232.565	5.62500	0.000000E+00
1708	230.136	6.62500	0.000000E+00

1709	230.136	10.1250	0.000000E+00
1710	237.423	9.12500	-1.00000
1711	237.423	9.12500	0.000000E+00
1712	231.565	0.000000E+00	0.000000E+00
1713	237.423	10.5000	0.000000E+00
1714	231.565	0.750000	0.000000E+00
1715	237.423	11.2500	0.000000E+00
1716	232.565	5.62500	-1.00000
1717	231.398	2.12500	-1.00000
1718	231.398	2.12500	0.000000E+00
1719	239.852	2.12500	0.000000E+00
1720	231.398	5.62500	-1.00000
1721	239.852	9.12500	0.000000E+00
1722	231.398	5.62500	0.000000E+00
1723	231.565	9.12500	0.000000E+00
1724	231.565	10.5000	0.000000E+00
1725	242.281	0.000000E+00	0.000000E+00
1726	232.565	3.12500	0.000000E+00
1727	242.281	0.750000	0.000000E+00
1728	232.565	6.62500	0.000000E+00
1729	242.281	2.12500	-1.00000
1730	242.281	2.12500	0.000000E+00
1731	232.565	10.1250	0.000000E+00
1732	233.716	3.12500	0.000000E+00
1733	233.716	6.62500	0.000000E+00
1734	233.716	10.1250	0.000000E+00
1735	233.994	0.000000E+00	0.000000E+00
1736	233.994	0.750000	0.000000E+00
1737	233.827	2.12500	0.000000E+00
1738	233.827	5.62500	0.000000E+00
1739	233.994	9.12500	0.000000E+00
1740	233.994	10.5000	0.000000E+00
1741	242.281	9.12500	-1.00000
1742	242.281	9.12500	0.000000E+00
1743	234.994	3.12500	0.000000E+00
1744	242.281	10.5000	0.000000E+00
1745	237.423	5.62500	0.000000E+00
1746	242.281	11.2500	0.000000E+00
1747	234.994	6.62500	0.000000E+00
1748	234.994	10.1250	0.000000E+00
1749	236.423	0.000000E+00	0.000000E+00
1750	244.710	2.12500	0.000000E+00
1751	236.423	0.750000	0.000000E+00
1752	244.710	9.12500	0.000000E+00
1753	237.423	5.62500	-1.00000
1754	236.256	2.12500	-1.00000
1755	236.256	2.12500	0.000000E+00
1756	245.987	2.12500	0.000000E+00
1757	236.256	5.62500	-1.00000
1758	245.987	9.12500	0.000000E+00
1759	236.256	5.62500	0.000000E+00
1760	236.423	9.12500	0.000000E+00
1761	236.423	10.5000	0.000000E+00
1762	247.139	0.000000E+00	0.000000E+00
1763	237.423	3.12500	0.000000E+00
1764	247.139	0.750000	0.000000E+00
1765	237.423	6.62500	0.000000E+00
1766	247.139	2.12500	-1.00000
1767	247.139	2.12500	0.000000E+00
1768	237.423	10.1250	0.000000E+00
1769	238.852	0.000000E+00	0.000000E+00
1770	238.852	0.750000	0.000000E+00
1771	238.685	2.12500	0.000000E+00
1772	238.685	5.62500	0.000000E+00
1773	238.852	9.12500	0.000000E+00
1774	238.852	10.5000	0.000000E+00
1775	239.852	3.12500	0.000000E+00
1776	242.281	5.62500	0.000000E+00
1777	239.852	6.62500	0.000000E+00
1778	247.139	9.12500	-1.00000
1779	247.139	9.12500	0.000000E+00
1780	239.852	10.1250	0.000000E+00
1781	247.139	10.5000	0.000000E+00
1782	241.281	0.000000E+00	0.000000E+00
1783	247.139	11.2500	0.000000E+00
1784	241.281	0.750000	0.000000E+00
1785	242.281	5.62500	-1.00000
1786	241.114	2.12500	-1.00000
1787	249.568	2.12500	0.000000E+00
1788	241.114	2.12500	0.000000E+00
1789	249.568	9.12500	0.000000E+00
1790	241.114	5.62500	-1.00000
1791	241.114	5.62500	0.000000E+00
1792	241.281	9.12500	0.000000E+00
1793	251.997	0.000000E+00	0.000000E+00
1794	241.281	10.5000	0.000000E+00
1795	251.997	0.750000	0.000000E+00
1796	242.281	3.12500	0.000000E+00
1797	251.997	2.12500	-1.00000
1798	251.997	2.12500	0.000000E+00
1799	242.281	6.62500	0.000000E+00
1800	242.281	10.1250	0.000000E+00
1801	243.710	0.000000E+00	0.000000E+00
1802	243.710	0.750000	0.000000E+00
1803	243.543	2.12500	0.000000E+00
1804	243.543	5.62500	0.000000E+00
1805	243.710	9.12500	0.000000E+00
1806	243.710	10.5000	0.000000E+00
1807	244.710	3.12500	0.000000E+00
1808	244.710	6.62500	0.000000E+00
1809	251.997	9.12500	-1.00000
1810	251.997	9.12500	0.000000E+00
1811	244.710	10.1250	0.000000E+00
1812	251.997	10.5000	0.000000E+00
1813	245.987	3.12500	0.000000E+00

1814	251.997	11.2500	0.000000E+00
1815	247.139	5.62500	0.000000E+00
1816	245.987	6.62500	0.000000E+00
1817	245.987	10.1250	0.000000E+00
1818	254.426	2.12500	0.000000E+00
1819	246.139	0.000000E+00	0.000000E+00
1820	254.426	9.12500	0.000000E+00
1821	246.139	0.750000	0.000000E+00
1822	247.139	5.62500	-1.00000
1823	245.972	2.12500	-1.00000
1824	256.855	0.000000E+00	0.000000E+00
1825	245.972	2.12500	0.000000E+00
1826	256.855	0.750000	0.000000E+00
1827	245.972	5.62500	-1.00000
1828	256.855	2.12500	-1.00000
1829	256.855	2.12500	0.000000E+00
1830	245.972	5.62500	0.000000E+00
1831	246.139	9.12500	0.000000E+00
1832	246.139	10.5000	0.000000E+00
1833	247.139	3.12500	0.000000E+00
1834	247.139	6.62500	0.000000E+00
1835	247.139	10.1250	0.000000E+00
1836	248.568	0.000000E+00	0.000000E+00
1837	248.568	0.750000	0.000000E+00
1838	248.401	2.12500	0.000000E+00
1839	248.401	5.62500	0.000000E+00
1840	256.855	9.12500	-1.00000
1841	256.855	9.12500	0.000000E+00
1842	248.568	9.12500	0.000000E+00
1843	256.855	10.5000	0.000000E+00
1844	248.568	10.5000	0.000000E+00
1845	256.855	11.2500	0.000000E+00
1846	249.568	3.12500	0.000000E+00
1847	251.997	5.62500	0.000000E+00
1848	249.568	6.62500	0.000000E+00
1849	258.007	2.12500	0.000000E+00
1850	249.568	10.1250	0.000000E+00
1851	258.007	9.12500	0.000000E+00
1852	250.997	0.000000E+00	0.000000E+00
1853	250.997	0.750000	0.000000E+00
1854	251.997	5.62500	-1.00000
1855	259.284	2.12500	0.000000E+00
1856	250.830	2.12500	-1.00000
1857	259.284	9.12500	0.000000E+00
1858	250.830	2.12500	0.000000E+00
1859	250.830	5.62500	-1.00000
1860	250.830	5.62500	0.000000E+00
1861	261.713	0.000000E+00	0.000000E+00
1862	250.997	9.12500	0.000000E+00
1863	261.713	0.750000	0.000000E+00
1864	250.997	10.5000	0.000000E+00
1865	261.713	2.12500	-1.00000
1866	261.713	2.12500	0.000000E+00
1867	251.997	3.12500	0.000000E+00
1868	251.997	6.62500	0.000000E+00
1869	251.997	10.1250	0.000000E+00
1870	253.426	0.000000E+00	0.000000E+00
1871	253.426	0.750000	0.000000E+00
1872	253.259	2.12500	0.000000E+00
1873	253.259	5.62500	0.000000E+00
1874	253.426	9.12500	0.000000E+00
1875	253.426	10.5000	0.000000E+00
1876	254.426	3.12500	0.000000E+00
1877	261.713	9.12500	-1.00000
1878	261.713	9.12500	0.000000E+00
1879	256.855	5.62500	0.000000E+00
1880	261.713	10.5000	0.000000E+00
1881	254.426	6.62500	0.000000E+00
1882	261.713	11.2500	0.000000E+00
1883	254.426	10.1250	0.000000E+00
1884	255.855	0.000000E+00	0.000000E+00
1885	255.855	0.750000	0.000000E+00
1886	264.142	2.12500	0.000000E+00
1887	256.855	5.62500	-1.00000
1888	264.142	9.12500	0.000000E+00
1889	255.688	2.12500	-1.00000
1890	255.688	2.12500	0.000000E+00
1891	255.688	5.62500	-1.00000
1892	266.571	0.000000E+00	0.000000E+00
1893	255.688	5.62500	0.000000E+00
1894	266.571	0.750000	0.000000E+00
1895	255.855	9.12500	0.000000E+00
1896	266.571	2.12500	-1.00000
1897	266.571	2.12500	0.000000E+00
1898	255.855	10.5000	0.000000E+00
1899	256.855	3.12500	0.000000E+00
1900	256.855	6.62500	0.000000E+00
1901	256.855	10.1250	0.000000E+00
1902	258.007	3.12500	0.000000E+00
1903	258.007	6.62500	0.000000E+00
1904	258.007	10.1250	0.000000E+00
1905	258.284	0.000000E+00	0.000000E+00
1906	258.284	0.750000	0.000000E+00
1907	258.117	2.12500	0.000000E+00
1908	266.571	9.12500	-1.00000
1909	266.571	9.12500	0.000000E+00
1910	258.117	5.62500	0.000000E+00
1911	266.571	10.5000	0.000000E+00
1912	258.284	9.12500	0.000000E+00
1913	266.571	11.2500	0.000000E+00
1914	258.284	10.5000	0.000000E+00
1915	259.284	3.12500	0.000000E+00
1916	261.713	5.62500	0.000000E+00
1917	269.000	2.12500	0.000000E+00
1918	259.284	6.62500	0.000000E+00

1919	269.000	9.12500	0.000000E+00
1920	259.284	10.1250	0.000000E+00
1921	260.713	0.000000E+00	0.000000E+00
1922	260.713	0.750000	0.000000E+00
1923	270.278	2.12500	0.000000E+00
1924	261.713	5.62500	-1.00000
1925	270.278	9.12500	0.000000E+00
1926	260.546	2.12500	-1.00000
1927	260.546	2.12500	0.000000E+00
1928	260.546	5.62500	-1.00000
1929	271.429	0.000000E+00	0.000000E+00
1930	260.546	5.62500	0.000000E+00
1931	271.429	0.750000	0.000000E+00
1932	260.713	9.12500	0.000000E+00
1933	271.429	2.12500	-1.00000
1934	271.429	2.12500	0.000000E+00
1935	260.713	10.5000	0.000000E+00
1936	261.713	3.12500	0.000000E+00
1937	261.713	6.62500	0.000000E+00
1938	261.713	10.1250	0.000000E+00
1939	263.142	0.000000E+00	0.000000E+00
1940	263.142	0.750000	0.000000E+00
1941	262.975	2.12500	0.000000E+00
1942	262.975	5.62500	0.000000E+00
1943	263.142	9.12500	0.000000E+00
1944	263.142	10.5000	0.000000E+00
1945	271.429	9.12500	-1.00000
1946	271.429	9.12500	0.000000E+00
1947	264.142	3.12500	0.000000E+00
1948	271.429	10.5000	0.000000E+00
1949	266.571	5.62500	0.000000E+00
1950	271.429	11.2500	0.000000E+00
1951	264.142	6.62500	0.000000E+00
1952	264.142	10.1250	0.000000E+00
1953	265.571	0.000000E+00	0.000000E+00
1954	273.858	2.12500	0.000000E+00
1955	265.571	0.750000	0.000000E+00
1956	273.858	9.12500	0.000000E+00
1957	266.571	5.62500	-1.00000
1958	265.404	2.12500	-1.00000
1959	265.404	2.12500	0.000000E+00
1960	276.287	0.000000E+00	0.000000E+00
1961	265.404	5.62500	-1.00000
1962	276.287	0.750000	0.000000E+00
1963	265.404	5.62500	0.000000E+00
1964	277.287	2.12500	-2.50000
1965	276.287	3.12500	-2.50000
1966	276.287	2.12500	-1.00000
1967	276.287	2.12500	0.000000E+00
1968	265.571	9.12500	0.000000E+00
1969	265.571	10.5000	0.000000E+00
1970	266.571	3.12500	0.000000E+00
1971	266.571	6.62500	0.000000E+00
1972	277.287	9.12500	-2.50000
1973	276.287	10.1250	-2.50000
1974	266.571	10.1250	0.000000E+00
1975	268.000	0.000000E+00	0.000000E+00
1976	268.000	0.750000	0.000000E+00
1977	267.833	2.12500	0.000000E+00
1978	267.833	5.62500	0.000000E+00
1979	268.000	9.12500	0.000000E+00
1980	325.877	2.12500	-2.50000
1981	324.877	3.12500	-2.50000
1982	276.287	9.12500	-1.00000
1983	276.287	9.12500	0.000000E+00
1984	268.000	10.5000	0.000000E+00
1985	276.287	10.5000	0.000000E+00
1986	269.000	3.12500	0.000000E+00
1987	276.287	11.2500	0.000000E+00
1988	269.000	6.62500	0.000000E+00
1989	269.000	10.1250	0.000000E+00
1990	270.278	3.12500	0.000000E+00
1991	278.717	2.12500	0.000000E+00
1992	271.429	5.62500	0.000000E+00
1993	278.717	9.12500	0.000000E+00
1994	270.278	6.62500	0.000000E+00
1995	270.278	10.1250	0.000000E+00
1996	270.429	0.000000E+00	0.000000E+00
1997	281.146	0.000000E+00	0.000000E+00
1998	270.429	0.750000	0.000000E+00
1999	281.146	0.750000	0.000000E+00
2000	271.429	5.62500	-1.00000
2001	281.146	2.12500	-1.00000
2002	281.146	2.12500	0.000000E+00
2003	270.262	2.12500	-1.00000
2004	270.262	2.12500	0.000000E+00
2005	270.262	5.62500	-1.00000
2006	270.262	5.62500	0.000000E+00
2007	270.429	9.12500	0.000000E+00
2008	270.429	10.5000	0.000000E+00
2009	271.429	3.12500	0.000000E+00
2010	271.429	6.62500	0.000000E+00
2011	271.429	10.1250	0.000000E+00
2012	272.858	0.000000E+00	0.000000E+00
2013	281.146	9.12500	-1.00000
2014	281.146	9.12500	0.000000E+00
2015	272.858	0.750000	0.000000E+00
2016	281.146	10.5000	0.000000E+00
2017	272.691	2.12500	0.000000E+00
2018	281.146	11.2500	0.000000E+00
2019	272.691	5.62500	0.000000E+00
2020	272.858	9.12500	0.000000E+00
2021	272.858	10.5000	0.000000E+00
2022	282.298	2.12500	0.000000E+00
2023	273.858	3.12500	0.000000E+00

2024	282.298	9.12500	0.000000E+00
2025	276.287	5.62500	0.000000E+00
2026	273.858	6.62500	0.000000E+00
2027	273.858	10.1250	0.000000E+00
2028	283.575	2.12500	0.000000E+00
2029	275.287	0.000000E+00	0.000000E+00
2030	283.575	9.12500	0.000000E+00
2031	275.287	0.750000	0.000000E+00
2032	276.287	5.62500	-1.00000
2033	275.120	2.12500	-1.00000
2034	286.005	0.000000E+00	0.000000E+00
2035	275.120	2.12500	0.000000E+00
2036	286.005	0.750000	0.000000E+00
2037	275.120	5.62500	-1.00000
2038	286.005	2.12500	-1.00000
2039	286.005	2.12500	0.000000E+00
2040	275.120	5.62500	0.000000E+00
2041	275.287	9.12500	0.000000E+00
2042	275.287	10.5000	0.000000E+00
2043	276.287	3.12500	0.000000E+00
2044	276.287	6.62500	0.000000E+00
2045	276.287	10.1250	0.000000E+00
2046	277.716	0.000000E+00	0.000000E+00
2047	277.716	0.750000	0.000000E+00
2048	277.550	2.12500	0.000000E+00
2049	277.550	5.62500	0.000000E+00
2050	286.005	9.12500	-1.00000
2051	286.005	9.12500	0.000000E+00
2052	277.716	9.12500	0.000000E+00
2053	286.005	10.5000	0.000000E+00
2054	277.716	10.5000	0.000000E+00
2055	286.005	11.2500	0.000000E+00
2056	278.717	3.12500	0.000000E+00
2057	281.146	5.62500	0.000000E+00
2058	278.717	6.62500	0.000000E+00
2059	288.434	2.12500	0.000000E+00
2060	278.717	10.1250	0.000000E+00
2061	288.434	9.12500	0.000000E+00
2062	280.146	0.000000E+00	0.000000E+00
2063	280.146	0.750000	0.000000E+00
2064	281.146	5.62500	-1.00000
2065	290.864	0.000000E+00	0.000000E+00
2066	279.979	2.12500	-1.00000
2067	290.864	0.750000	0.000000E+00
2068	279.979	2.12500	0.000000E+00
2069	290.864	2.12500	-1.00000
2070	290.864	2.12500	0.000000E+00
2071	279.979	5.62500	-1.00000
2072	279.979	5.62500	0.000000E+00
2073	280.146	9.12500	0.000000E+00
2074	280.146	10.5000	0.000000E+00
2075	281.146	3.12500	0.000000E+00
2076	281.146	6.62500	0.000000E+00
2077	281.146	10.1250	0.000000E+00
2078	282.298	3.12500	0.000000E+00
2079	282.298	6.62500	0.000000E+00
2080	282.298	10.1250	0.000000E+00
2081	290.864	9.12500	-1.00000
2082	290.864	9.12500	0.000000E+00
2083	282.575	0.000000E+00	0.000000E+00
2084	290.864	10.5000	0.000000E+00
2085	282.575	0.750000	0.000000E+00
2086	290.864	11.2500	0.000000E+00
2087	282.409	2.12500	0.000000E+00
2088	282.409	5.62500	0.000000E+00
2089	282.575	9.12500	0.000000E+00
2090	293.293	2.12500	0.000000E+00
2091	282.575	10.5000	0.000000E+00
2092	293.293	9.12500	0.000000E+00
2093	283.575	3.12500	0.000000E+00
2094	286.005	5.62500	0.000000E+00
2095	283.575	6.62500	0.000000E+00
2096	294.571	2.12500	0.000000E+00
2097	283.575	10.1250	0.000000E+00
2098	294.571	9.12500	0.000000E+00
2099	285.005	0.000000E+00	0.000000E+00
2100	285.005	0.750000	0.000000E+00
2101	286.005	5.62500	-1.00000
2102	295.723	0.000000E+00	0.000000E+00
2103	284.838	2.12500	-1.00000
2104	295.723	0.750000	0.000000E+00
2105	284.838	2.12500	0.000000E+00
2106	295.723	2.12500	-1.00000
2107	295.723	2.12500	0.000000E+00
2108	284.838	5.62500	-1.00000
2109	284.838	5.62500	0.000000E+00
2110	285.005	9.12500	0.000000E+00
2111	285.005	10.5000	0.000000E+00
2112	286.005	3.12500	0.000000E+00
2113	286.005	6.62500	0.000000E+00
2114	286.005	10.1250	0.000000E+00
2115	287.434	0.000000E+00	0.000000E+00
2116	287.434	0.750000	0.000000E+00
2117	287.268	2.12500	0.000000E+00
2118	295.723	9.12500	-1.00000
2119	295.723	9.12500	0.000000E+00
2120	287.268	5.62500	0.000000E+00
2121	295.723	10.5000	0.000000E+00
2122	287.434	9.12500	0.000000E+00
2123	295.723	11.2500	0.000000E+00
2124	287.434	10.5000	0.000000E+00
2125	288.434	3.12500	0.000000E+00
2126	290.864	5.62500	0.000000E+00
2127	298.152	2.12500	0.000000E+00
2128	288.434	6.62500	0.000000E+00

2129	298.152	9.12500	0.000000E+00
2130	288.434	10.1250	0.000000E+00
2131	289.864	0.000000E+00	0.000000E+00
2132	289.864	0.750000	0.000000E+00
2133	300.582	0.000000E+00	0.000000E+00
2134	290.864	5.62500	-1.00000
2135	300.582	0.750000	0.000000E+00
2136	289.697	2.12500	-1.00000
2137	300.582	2.12500	-1.00000
2138	300.582	2.12500	0.000000E+00
2139	289.697	2.12500	0.000000E+00
2140	289.697	5.62500	-1.00000
2141	289.697	5.62500	0.000000E+00
2142	289.864	9.12500	0.000000E+00
2143	289.864	10.5000	0.000000E+00
2144	290.864	3.12500	0.000000E+00
2145	290.864	6.62500	0.000000E+00
2146	290.864	10.1250	0.000000E+00
2147	292.293	0.000000E+00	0.000000E+00
2148	292.293	0.750000	0.000000E+00
2149	300.582	9.12500	-1.00000
2150	300.582	9.12500	0.000000E+00
2151	292.127	2.12500	0.000000E+00
2152	300.582	10.5000	0.000000E+00
2153	292.127	5.62500	0.000000E+00
2154	300.582	11.2500	0.000000E+00
2155	292.293	9.12500	0.000000E+00
2156	292.293	10.5000	0.000000E+00
2157	293.293	3.12500	0.000000E+00
2158	303.012	2.12500	0.000000E+00
2159	293.293	6.62500	0.000000E+00
2160	303.012	9.12500	0.000000E+00
2161	293.293	10.1250	0.000000E+00
2162	294.571	3.12500	0.000000E+00
2163	295.723	5.62500	0.000000E+00
2164	305.441	0.000000E+00	0.000000E+00
2165	294.571	6.62500	0.000000E+00
2166	305.441	0.750000	0.000000E+00
2167	294.571	10.1250	0.000000E+00
2168	305.441	2.12500	-1.00000
2169	305.441	2.12500	0.000000E+00
2170	294.723	0.000000E+00	0.000000E+00
2171	294.723	0.750000	0.000000E+00
2172	295.723	5.62500	-1.00000
2173	294.556	2.12500	-1.00000
2174	294.556	2.12500	0.000000E+00
2175	294.556	5.62500	-1.00000
2176	294.556	5.62500	0.000000E+00
2177	294.723	9.12500	0.000000E+00
2178	294.723	10.5000	0.000000E+00
2179	295.723	3.12500	0.000000E+00
2180	305.441	9.12500	-1.00000
2181	305.441	9.12500	0.000000E+00
2182	295.723	6.62500	0.000000E+00
2183	305.441	10.5000	0.000000E+00
2184	295.723	10.1250	0.000000E+00
2185	305.441	11.2500	0.000000E+00
2186	297.152	0.000000E+00	0.000000E+00
2187	297.152	0.750000	0.000000E+00
2188	296.986	2.12500	0.000000E+00
2189	306.593	2.12500	0.000000E+00
2190	296.986	5.62500	0.000000E+00
2191	306.593	9.12500	0.000000E+00
2192	297.152	9.12500	0.000000E+00
2193	297.152	10.5000	0.000000E+00
2194	298.152	3.12500	0.000000E+00
2195	307.870	2.12500	0.000000E+00
2196	300.582	5.62500	0.000000E+00
2197	307.870	9.12500	0.000000E+00
2198	298.152	6.62500	0.000000E+00
2199	298.152	10.1250	0.000000E+00
2200	299.582	0.000000E+00	0.000000E+00
2201	310.300	0.000000E+00	0.000000E+00
2202	299.582	0.750000	0.000000E+00
2203	310.300	0.750000	0.000000E+00
2204	300.582	5.62500	-1.00000
2205	310.300	2.12500	-1.00000
2206	310.300	2.12500	0.000000E+00
2207	299.415	2.12500	-1.00000
2208	299.415	2.12500	0.000000E+00
2209	299.415	5.62500	-1.00000
2210	299.415	5.62500	0.000000E+00
2211	299.582	9.12500	0.000000E+00
2212	299.582	10.5000	0.000000E+00
2213	300.582	3.12500	0.000000E+00
2214	300.582	6.62500	0.000000E+00
2215	300.582	10.1250	0.000000E+00
2216	302.012	0.000000E+00	0.000000E+00
2217	310.300	9.12500	-1.00000
2218	310.300	9.12500	0.000000E+00
2219	302.012	0.750000	0.000000E+00
2220	310.300	10.5000	0.000000E+00
2221	301.845	2.12500	0.000000E+00
2222	310.300	11.2500	0.000000E+00
2223	301.845	5.62500	0.000000E+00
2224	302.012	9.12500	0.000000E+00
2225	302.012	10.5000	0.000000E+00
2226	312.730	2.12500	0.000000E+00
2227	303.012	3.12500	0.000000E+00
2228	312.730	9.12500	0.000000E+00
2229	305.441	5.62500	0.000000E+00
2230	303.012	6.62500	0.000000E+00
2231	303.012	10.1250	0.000000E+00
2232	315.159	0.000000E+00	0.000000E+00
2233	304.441	0.000000E+00	0.000000E+00

2234	315.159	0.750000	0.000000E+00
2235	304.441	0.750000	0.000000E+00
2236	315.159	2.125000	-1.000000
2237	315.159	2.125000	0.000000E+00
2238	305.441	5.625000	-1.000000
2239	304.274	2.125000	-1.000000
2240	304.274	2.125000	0.000000E+00
2241	304.274	5.625000	-1.000000
2242	304.274	5.625000	0.000000E+00
2243	304.441	9.125000	0.000000E+00
2244	304.441	10.500000	0.000000E+00
2245	305.441	3.125000	0.000000E+00
2246	305.441	6.625000	0.000000E+00
2247	305.441	10.125000	0.000000E+00
2248	315.159	9.125000	-1.000000
2249	315.159	9.125000	0.000000E+00
2250	306.593	3.125000	0.000000E+00
2251	315.159	10.500000	0.000000E+00
2252	306.593	6.625000	0.000000E+00
2253	315.159	11.250000	0.000000E+00
2254	306.593	10.125000	0.000000E+00
2255	306.870	0.000000E+00	0.000000E+00
2256	306.870	0.750000	0.000000E+00
2257	317.588	2.125000	0.000000E+00
2258	306.704	2.125000	0.000000E+00
2259	317.588	9.125000	0.000000E+00
2260	306.704	5.625000	0.000000E+00
2261	306.870	9.125000	0.000000E+00
2262	306.870	10.500000	0.000000E+00
2263	318.866	2.125000	0.000000E+00
2264	307.870	3.125000	0.000000E+00
2265	318.866	9.125000	0.000000E+00
2266	310.300	5.625000	0.000000E+00
2267	307.870	6.625000	0.000000E+00
2268	307.870	10.125000	0.000000E+00
2269	320.018	0.000000E+00	0.000000E+00
2270	309.300	0.000000E+00	0.000000E+00
2271	320.018	0.750000	0.000000E+00
2272	309.300	0.750000	0.000000E+00
2273	320.018	2.125000	-1.000000
2274	320.018	2.125000	0.000000E+00
2275	310.300	5.625000	-1.000000
2276	309.133	2.125000	-1.000000
2277	309.133	2.125000	0.000000E+00
2278	309.133	5.625000	-1.000000
2279	309.133	5.625000	0.000000E+00
2280	309.300	9.125000	0.000000E+00
2281	309.300	10.500000	0.000000E+00
2282	310.300	3.125000	0.000000E+00
2283	310.300	6.625000	0.000000E+00
2284	310.300	10.125000	0.000000E+00
2285	320.018	9.125000	-1.000000
2286	320.018	9.125000	0.000000E+00
2287	311.729	0.000000E+00	0.000000E+00
2288	320.018	10.500000	0.000000E+00
2289	311.729	0.750000	0.000000E+00
2290	320.018	11.250000	0.000000E+00
2291	311.563	2.125000	0.000000E+00
2292	311.563	5.625000	0.000000E+00
2293	311.729	9.125000	0.000000E+00
2294	322.447	2.125000	0.000000E+00
2295	311.729	10.500000	0.000000E+00
2296	322.447	9.125000	0.000000E+00
2297	312.730	3.125000	0.000000E+00
2298	315.159	5.625000	0.000000E+00
2299	312.730	6.625000	0.000000E+00
2300	324.877	0.000000E+00	0.000000E+00
2301	312.730	10.125000	0.000000E+00
2302	324.877	0.750000	0.000000E+00
2303	314.159	0.000000E+00	0.000000E+00
2304	325.877	9.125000	-2.500000
2305	324.877	10.125000	-2.500000
2306	324.877	2.125000	-1.000000
2307	324.877	2.125000	0.000000E+00
2308	314.159	0.750000	0.000000E+00
2309	315.159	5.625000	-1.000000
2310	313.992	2.125000	-1.000000
2311	313.992	2.125000	0.000000E+00
2312	374.578	2.125000	-2.500000
2313	373.578	3.125000	-2.500000
2314	313.992	5.625000	-1.000000
2315	313.992	5.625000	0.000000E+00
2316	314.159	9.125000	0.000000E+00
2317	314.159	10.500000	0.000000E+00
2318	315.159	3.125000	0.000000E+00
2319	315.159	6.625000	0.000000E+00
2320	374.578	9.125000	-2.500000
2321	373.578	10.125000	-2.500000
2322	324.877	9.125000	-1.000000
2323	324.877	9.125000	0.000000E+00
2324	315.159	10.125000	0.000000E+00
2325	324.877	10.500000	0.000000E+00
2326	316.589	0.000000E+00	0.000000E+00
2327	324.877	11.250000	0.000000E+00
2328	316.589	0.750000	0.000000E+00
2329	316.422	2.125000	0.000000E+00
2330	316.422	5.625000	0.000000E+00
2331	327.306	2.125000	0.000000E+00
2332	316.589	9.125000	0.000000E+00
2333	327.306	9.125000	0.000000E+00
2334	316.589	10.500000	0.000000E+00
2335	317.588	3.125000	0.000000E+00
2336	317.588	6.625000	0.000000E+00
2337	329.736	0.000000E+00	0.000000E+00
2338	317.588	10.125000	0.000000E+00



2339	329.736	0.750000	0.000000E+00
2340	318.866	3.12500	0.000000E+00
2341	329.736	2.12500	-1.00000
2342	329.736	2.12500	0.000000E+00
2343	320.018	5.62500	0.000000E+00
2344	318.866	6.62500	0.000000E+00
2345	318.866	10.1250	0.000000E+00
2346	319.018	0.000000E+00	0.000000E+00
2347	319.018	0.750000	0.000000E+00
2348	320.018	5.62500	-1.00000
2349	318.851	2.12500	-1.00000
2350	318.851	2.12500	0.000000E+00
2351	318.851	5.62500	-1.00000
2352	318.851	5.62500	0.000000E+00
2353	329.736	9.12500	-1.00000
2354	329.736	9.12500	0.000000E+00
2355	319.018	9.12500	0.000000E+00
2356	329.736	10.5000	0.000000E+00
2357	319.018	10.5000	0.000000E+00
2358	329.736	11.2500	0.000000E+00
2359	320.018	3.12500	0.000000E+00
2360	320.018	6.62500	0.000000E+00
2361	320.018	10.1250	0.000000E+00
2362	330.890	2.12500	0.000000E+00
2363	321.447	0.000000E+00	0.000000E+00
2364	330.890	9.12500	0.000000E+00
2365	321.447	0.750000	0.000000E+00
2366	321.281	2.12500	0.000000E+00
2367	321.281	5.62500	0.000000E+00
2368	332.165	2.12500	0.000000E+00
2369	321.447	9.12500	0.000000E+00
2370	332.165	9.12500	0.000000E+00
2371	321.447	10.5000	0.000000E+00
2372	322.447	3.12500	0.000000E+00
2373	324.877	5.62500	0.000000E+00
2374	332.182	2.12500	0.000000E+00
2375	322.447	6.62500	0.000000E+00
2376	332.182	9.12500	0.000000E+00
2377	322.447	10.1250	0.000000E+00
2378	323.877	0.000000E+00	0.000000E+00
2379	323.877	0.750000	0.000000E+00
2380	334.595	0.000000E+00	0.000000E+00
2381	324.877	5.62500	-1.00000
2382	334.595	0.750000	0.000000E+00
2383	323.710	2.12500	-1.00000
2384	334.595	2.12500	-1.00000
2385	334.595	2.12500	0.000000E+00
2386	323.710	2.12500	0.000000E+00
2387	323.710	5.62500	-1.00000
2388	323.710	5.62500	0.000000E+00
2389	323.877	9.12500	0.000000E+00
2390	323.877	10.5000	0.000000E+00
2391	324.877	3.12500	0.000000E+00
2392	324.877	6.62500	0.000000E+00
2393	324.877	10.1250	0.000000E+00
2394	326.307	0.000000E+00	0.000000E+00
2395	326.307	0.750000	0.000000E+00
2396	334.595	9.12500	-1.00000
2397	334.595	9.12500	0.000000E+00
2398	326.140	2.12500	0.000000E+00
2399	334.595	10.5000	0.000000E+00
2400	326.140	5.62500	0.000000E+00
2401	334.595	11.2500	0.000000E+00
2402	326.307	9.12500	0.000000E+00
2403	326.307	10.5000	0.000000E+00
2404	327.306	3.12500	0.000000E+00
2405	337.024	2.12500	0.000000E+00
2406	329.736	5.62500	0.000000E+00
2407	337.024	9.12500	0.000000E+00
2408	327.306	6.62500	0.000000E+00
2409	327.306	10.1250	0.000000E+00
2410	328.736	0.000000E+00	0.000000E+00
2411	339.454	0.000000E+00	0.000000E+00
2412	328.736	0.750000	0.000000E+00
2413	339.454	0.750000	0.000000E+00
2414	329.736	5.62500	-1.00000
2415	339.454	2.12500	-1.00000
2416	339.454	2.12500	0.000000E+00
2417	328.569	2.12500	-1.00000
2418	328.569	2.12500	0.000000E+00
2419	328.569	5.62500	-1.00000
2420	328.569	5.62500	0.000000E+00
2421	328.736	9.12500	0.000000E+00
2422	328.736	10.5000	0.000000E+00
2423	329.736	3.12500	0.000000E+00
2424	329.736	6.62500	0.000000E+00
2425	329.736	10.1250	0.000000E+00
2426	330.890	3.12500	0.000000E+00
2427	339.454	9.12500	-1.00000
2428	339.454	9.12500	0.000000E+00
2429	330.890	6.62500	0.000000E+00
2430	339.454	10.5000	0.000000E+00
2431	330.890	10.1250	0.000000E+00
2432	339.454	11.2500	0.000000E+00
2433	331.165	0.000000E+00	0.000000E+00
2434	331.165	0.750000	0.000000E+00
2435	330.999	2.12500	0.000000E+00
2436	341.883	2.12500	0.000000E+00
2437	330.999	5.62500	0.000000E+00
2438	341.883	9.12500	0.000000E+00
2439	331.165	9.12500	0.000000E+00
2440	331.165	10.5000	0.000000E+00
2441	332.165	3.12500	0.000000E+00
2442	343.163	2.12500	0.000000E+00
2443	332.165	6.62500	0.000000E+00

2444	343.163	9.12500	0.000000E+00
2445	332.165	10.1250	0.000000E+00
2446	332.182	3.12500	0.000000E+00
2447	334.595	5.62500	0.000000E+00
2448	344.313	0.000000E+00	0.000000E+00
2449	332.182	6.62500	0.000000E+00
2450	344.313	0.750000	0.000000E+00
2451	332.182	10.1250	0.000000E+00
2452	344.313	2.12500	-1.00000
2453	344.313	2.12500	0.000000E+00
2454	333.595	0.000000E+00	0.000000E+00
2455	333.595	0.750000	0.000000E+00
2456	334.595	5.62500	-1.00000
2457	333.428	2.12500	-1.00000
2458	333.428	2.12500	0.000000E+00
2459	333.428	5.62500	-1.00000
2460	333.428	5.62500	0.000000E+00
2461	333.595	9.12500	0.000000E+00
2462	333.595	10.5000	0.000000E+00
2463	334.595	3.12500	0.000000E+00
2464	344.313	9.12500	-1.00000
2465	344.313	9.12500	0.000000E+00
2466	334.595	6.62500	0.000000E+00
2467	344.313	10.5000	0.000000E+00
2468	334.595	10.1250	0.000000E+00
2469	344.313	11.2500	0.000000E+00
2470	336.024	0.000000E+00	0.000000E+00
2471	336.024	0.750000	0.000000E+00
2472	335.858	2.12500	0.000000E+00
2473	346.743	2.12500	0.000000E+00
2474	335.858	5.62500	0.000000E+00
2475	346.743	9.12500	0.000000E+00
2476	336.024	9.12500	0.000000E+00
2477	336.024	10.5000	0.000000E+00
2478	337.024	3.12500	0.000000E+00
2479	349.172	0.000000E+00	0.000000E+00
2480	339.454	5.62500	0.000000E+00
2481	349.172	0.750000	0.000000E+00
2482	337.024	6.62500	0.000000E+00
2483	349.172	2.12500	-1.00000
2484	349.172	2.12500	0.000000E+00
2485	337.024	10.1250	0.000000E+00
2486	338.454	0.000000E+00	0.000000E+00
2487	338.454	0.750000	0.000000E+00
2488	339.454	5.62500	-1.00000
2489	338.287	2.12500	-1.00000
2490	338.287	2.12500	0.000000E+00
2491	338.287	5.62500	-1.00000
2492	338.287	5.62500	0.000000E+00
2493	338.454	9.12500	0.000000E+00
2494	338.454	10.5000	0.000000E+00
2495	349.172	9.12500	-1.00000
2496	349.172	9.12500	0.000000E+00
2497	339.454	3.12500	0.000000E+00
2498	349.172	10.5000	0.000000E+00
2499	339.454	6.62500	0.000000E+00
2500	349.172	11.2500	0.000000E+00
2501	339.454	10.1250	0.000000E+00
2502	340.883	0.000000E+00	0.000000E+00
2503	340.883	0.750000	0.000000E+00
2504	351.601	2.12500	0.000000E+00
2505	340.717	2.12500	0.000000E+00
2506	351.601	9.12500	0.000000E+00
2507	340.717	5.62500	0.000000E+00
2508	340.883	9.12500	0.000000E+00
2509	340.883	10.5000	0.000000E+00
2510	354.031	0.000000E+00	0.000000E+00
2511	341.883	3.12500	0.000000E+00
2512	354.031	0.750000	0.000000E+00
2513	341.883	6.62500	0.000000E+00
2514	354.031	2.12500	-1.00000
2515	354.031	2.12500	0.000000E+00
2516	341.883	10.1250	0.000000E+00
2517	343.163	3.12500	0.000000E+00
2518	344.313	5.62500	0.000000E+00
2519	343.163	6.62500	0.000000E+00
2520	343.163	10.1250	0.000000E+00
2521	343.313	0.000000E+00	0.000000E+00
2522	343.313	0.750000	0.000000E+00
2523	344.313	5.62500	-1.00000
2524	343.146	2.12500	-1.00000
2525	343.146	2.12500	0.000000E+00
2526	354.031	9.12500	-1.00000
2527	354.031	9.12500	0.000000E+00
2528	343.146	5.62500	-1.00000
2529	354.031	10.5000	0.000000E+00
2530	343.146	5.62500	0.000000E+00
2531	354.031	11.2500	0.000000E+00
2532	343.313	9.12500	0.000000E+00
2533	343.313	10.5000	0.000000E+00
2534	344.313	3.12500	0.000000E+00
2535	355.186	2.12500	0.000000E+00
2536	344.313	6.62500	0.000000E+00
2537	355.186	9.12500	0.000000E+00
2538	344.313	10.1250	0.000000E+00
2539	345.742	0.000000E+00	0.000000E+00
2540	345.742	0.750000	0.000000E+00
2541	356.460	2.12500	0.000000E+00
2542	345.576	2.12500	0.000000E+00
2543	356.460	9.12500	0.000000E+00
2544	345.576	5.62500	0.000000E+00
2545	345.742	9.12500	0.000000E+00
2546	345.742	10.5000	0.000000E+00
2547	358.890	0.000000E+00	0.000000E+00
2548	346.743	3.12500	0.000000E+00

2549	358.890	0.750000	0.000000E+00
2550	349.172	5.62500	0.000000E+00
2551	358.890	2.12500	-1.00000
2552	358.890	2.12500	0.000000E+00
2553	346.743	6.62500	0.000000E+00
2554	346.743	10.1250	0.000000E+00
2555	348.172	0.000000E+00	0.000000E+00
2556	348.172	0.750000	0.000000E+00
2557	349.172	5.62500	-1.00000
2558	348.005	2.12500	-1.00000
2559	348.005	2.12500	0.000000E+00
2560	348.005	5.62500	-1.00000
2561	348.005	5.62500	0.000000E+00
2562	348.172	9.12500	0.000000E+00
2563	358.890	9.12500	-1.00000
2564	358.890	9.12500	0.000000E+00
2565	348.172	10.5000	0.000000E+00
2566	358.890	10.5000	0.000000E+00
2567	349.172	3.12500	0.000000E+00
2568	358.890	11.2500	0.000000E+00
2569	349.172	6.62500	0.000000E+00
2570	349.172	10.1250	0.000000E+00
2571	350.601	0.000000E+00	0.000000E+00
2572	361.320	2.12500	0.000000E+00
2573	350.601	0.750000	0.000000E+00
2574	361.320	9.12500	0.000000E+00
2575	350.435	2.12500	0.000000E+00
2576	350.435	5.62500	0.000000E+00
2577	350.601	9.12500	0.000000E+00
2578	363.749	0.000000E+00	0.000000E+00
2579	350.601	10.5000	0.000000E+00
2580	363.749	0.750000	0.000000E+00
2581	351.601	3.12500	0.000000E+00
2582	363.749	2.12500	-1.00000
2583	363.749	2.12500	0.000000E+00
2584	354.031	5.62500	0.000000E+00
2585	351.601	6.62500	0.000000E+00
2586	351.601	10.1250	0.000000E+00
2587	353.031	0.000000E+00	0.000000E+00
2588	353.031	0.750000	0.000000E+00
2589	354.031	5.62500	-1.00000
2590	352.864	2.12500	-1.00000
2591	352.864	2.12500	0.000000E+00
2592	352.864	5.62500	-1.00000
2593	352.864	5.62500	0.000000E+00
2594	363.749	9.12500	-1.00000
2595	363.749	9.12500	0.000000E+00
2596	353.031	9.12500	0.000000E+00
2597	363.749	10.5000	0.000000E+00
2598	353.031	10.5000	0.000000E+00
2599	363.749	11.2500	0.000000E+00
2600	354.031	3.12500	0.000000E+00
2601	354.031	6.62500	0.000000E+00
2602	354.031	10.1250	0.000000E+00
2603	365.704	2.12500	0.000000E+00
2604	355.186	3.12500	0.000000E+00
2605	365.704	9.12500	0.000000E+00
2606	355.186	6.62500	0.000000E+00
2607	355.186	10.1250	0.000000E+00
2608	355.460	0.000000E+00	0.000000E+00
2609	366.236	2.12500	0.000000E+00
2610	355.460	0.750000	0.000000E+00
2611	366.236	9.12500	0.000000E+00
2612	355.294	2.12500	0.000000E+00
2613	355.294	5.62500	0.000000E+00
2614	355.460	9.12500	0.000000E+00
2615	366.273	2.12500	0.000000E+00
2616	355.460	10.5000	0.000000E+00
2617	366.273	9.12500	0.000000E+00
2618	356.460	3.12500	0.000000E+00
2619	358.890	5.62500	0.000000E+00
2620	356.460	6.62500	0.000000E+00
2621	367.574	2.12500	0.000000E+00
2622	356.460	10.1250	0.000000E+00
2623	367.574	9.12500	0.000000E+00
2624	357.890	0.000000E+00	0.000000E+00
2625	357.890	0.750000	0.000000E+00
2626	358.890	5.62500	-1.00000
2627	368.723	-0.820000E-01	0.000000E+00
2628	357.723	2.12500	-1.00000
2629	368.723	0.668000	0.000000E+00
2630	357.723	2.12500	0.000000E+00
2631	368.723	2.12500	-1.00000
2632	368.723	2.12500	0.000000E+00
2633	357.723	5.62500	-1.00000
2634	357.723	5.62500	0.000000E+00
2635	357.890	9.12500	0.000000E+00
2636	357.890	10.5000	0.000000E+00
2637	358.890	3.12500	0.000000E+00
2638	358.890	6.62500	0.000000E+00
2639	358.890	10.1250	0.000000E+00
2640	360.320	0.000000E+00	0.000000E+00
2641	360.320	0.750000	0.000000E+00
2642	360.153	2.12500	0.000000E+00
2643	368.723	9.12500	-1.00000
2644	368.723	9.12500	0.000000E+00
2645	360.153	5.62500	0.000000E+00
2646	368.723	10.5820	0.000000E+00
2647	360.320	9.12500	0.000000E+00
2648	368.723	11.3320	0.000000E+00
2649	360.320	10.5000	0.000000E+00
2650	361.320	3.12500	0.000000E+00
2651	363.749	5.62500	0.000000E+00
2652	371.150	2.12500	0.000000E+00
2653	361.320	6.62500	0.000000E+00

2654	371.150	9.12500	0.000000E+00
2655	361.320	10.1250	0.000000E+00
2656	362.749	0.000000E+00	0.000000E+00
2657	362.749	0.750000	0.000000E+00
2658	373.578	-0.215000	0.000000E+00
2659	363.749	5.62500	-1.00000
2660	373.578	0.535000	0.000000E+00
2661	362.582	2.12500	-1.00000
2662	408.610	2.12500	-2.50000
2663	407.610	3.12500	-2.50000
2664	373.578	2.12500	-1.00000
2665	373.578	2.12500	0.000000E+00
2666	362.582	2.12500	0.000000E+00
2667	362.582	5.62500	-1.00000
2668	362.582	5.62500	0.000000E+00
2669	362.749	9.12500	0.000000E+00
2670	408.610	9.12500	-2.50000
2671	407.610	10.1250	-2.50000
2672	362.749	10.5000	0.000000E+00
2673	363.749	3.12500	0.000000E+00
2674	363.749	6.62500	0.000000E+00
2675	363.749	10.1250	0.000000E+00
2676	365.704	3.12500	0.000000E+00
2677	365.704	6.62500	0.000000E+00
2678	1.50000	5.62500	-2.50000
2679	0.500000	6.62500	-2.50000
2680	373.578	9.12500	-1.00000
2681	373.578	9.12500	0.000000E+00
2682	365.704	10.1250	0.000000E+00
2683	373.578	10.7150	0.000000E+00
2684	365.236	-0.410000E-01	0.000000E+00
2685	373.578	11.4650	0.000000E+00
2686	365.236	0.709000	0.000000E+00
2687	365.069	2.12500	0.000000E+00
2688	365.069	5.62500	0.000000E+00
2689	376.009	2.12500	0.000000E+00
2690	365.236	9.12500	0.000000E+00
2691	376.009	9.12500	0.000000E+00
2692	365.236	10.5410	0.000000E+00
2693	366.236	3.12500	0.000000E+00
2694	366.236	6.62500	0.000000E+00
2695	378.440	-0.347000	0.000000E+00
2696	366.236	10.1250	0.000000E+00
2697	378.440	0.403000	0.000000E+00
2698	366.273	3.12500	0.000000E+00
2699	378.440	2.12500	-1.00000
2700	378.440	2.12500	0.000000E+00
2701	366.273	6.62500	0.000000E+00
2702	366.273	10.1250	0.000000E+00
2703	367.574	3.12500	0.000000E+00
2704	368.723	5.62500	0.000000E+00
2705	367.574	6.62500	0.000000E+00
2706	367.574	10.1250	0.000000E+00
2707	367.723	-0.820000E-01	0.000000E+00
2708	367.723	0.668000	0.000000E+00
2709	368.723	5.62500	-1.00000
2710	367.556	2.12500	-1.00000
2711	378.440	9.12500	-1.00000
2712	378.440	9.12500	0.000000E+00
2713	367.556	2.12500	0.000000E+00
2714	378.440	10.8470	0.000000E+00
2715	367.556	5.62500	-1.00000
2716	378.440	11.5970	0.000000E+00
2717	367.556	5.62500	0.000000E+00
2718	367.723	9.12500	0.000000E+00
2719	367.723	10.5820	0.000000E+00
2720	379.584	2.12500	0.000000E+00
2721	368.723	3.12500	0.000000E+00
2722	379.584	9.12500	0.000000E+00
2723	368.723	6.62500	0.000000E+00
2724	368.723	10.1250	0.000000E+00
2725	370.151	-0.148500	0.000000E+00
2726	380.871	2.12500	0.000000E+00
2727	370.151	0.601500	0.000000E+00
2728	380.871	9.12500	0.000000E+00
2729	369.984	2.12500	0.000000E+00
2730	369.984	5.62500	0.000000E+00
2731	370.151	9.12500	0.000000E+00
2732	383.301	-0.490300	0.000000E+00
2733	370.151	10.6485	0.000000E+00
2734	383.301	0.259700	0.000000E+00
2735	371.150	3.12500	0.000000E+00
2736	383.301	2.12500	-1.00000
2737	383.301	2.12500	0.000000E+00
2738	373.578	5.62500	0.000000E+00
2739	371.150	6.62500	0.000000E+00
2740	371.150	10.1250	0.000000E+00
2741	372.578	-0.215000	0.000000E+00
2742	372.578	0.535000	0.000000E+00
2743	373.578	5.62500	-1.00000
2744	372.411	2.12500	-1.00000
2745	372.411	2.12500	0.000000E+00
2746	372.411	5.62500	-1.00000
2747	372.411	5.62500	0.000000E+00
2748	383.301	9.12500	-1.00000
2749	383.301	9.12500	0.000000E+00
2750	372.578	9.12500	0.000000E+00
2751	383.301	10.9903	0.000000E+00
2752	372.578	10.7150	0.000000E+00
2753	383.301	11.7403	0.000000E+00
2754	373.578	3.12500	0.000000E+00
2755	373.578	6.62500	0.000000E+00
2756	373.578	10.1250	0.000000E+00
2757	385.732	2.12500	0.000000E+00
2758	375.009	-0.281000	0.000000E+00

2759	385.732	9.12500	0.000000E+00
2760	375.009	0.469000	0.000000E+00
2761	374.842	2.12500	0.000000E+00
2762	374.842	5.62500	0.000000E+00
2763	388.163	-0.623400	0.000000E+00
2764	375.009	9.12500	0.000000E+00
2765	388.163	0.126600	0.000000E+00
2766	375.009	10.7810	0.000000E+00
2767	388.163	2.12500	-1.00000
2768	388.163	2.12500	0.000000E+00
2769	376.009	3.12500	0.000000E+00
2770	378.440	5.62500	0.000000E+00
2771	376.009	6.62500	0.000000E+00
2772	376.009	10.1250	0.000000E+00
2773	377.440	-0.347000	0.000000E+00
2774	377.440	0.403000	0.000000E+00
2775	378.440	5.62500	-1.00000
2776	377.273	2.12500	-1.00000
2777	377.273	2.12500	0.000000E+00
2778	377.273	5.62500	-1.00000
2779	388.163	9.12500	-1.00000
2780	388.163	9.12500	0.000000E+00
2781	377.273	5.62500	0.000000E+00
2782	388.163	11.1234	0.000000E+00
2783	377.440	9.12500	0.000000E+00
2784	388.163	11.8734	0.000000E+00
2785	377.440	10.8470	0.000000E+00
2786	378.440	3.12500	0.000000E+00
2787	378.440	6.62500	0.000000E+00
2788	389.593	2.12500	0.000000E+00
2789	378.440	10.1250	0.000000E+00
2790	389.593	9.12500	0.000000E+00
2791	379.584	3.12500	0.000000E+00
2792	379.584	6.62500	0.000000E+00
2793	379.584	10.1250	0.000000E+00
2794	390.594	2.12500	0.000000E+00
2795	379.871	-0.418650	0.000000E+00
2796	390.594	9.12500	0.000000E+00
2797	379.871	0.331350	0.000000E+00
2798	379.704	2.12500	0.000000E+00
2799	379.704	5.62500	0.000000E+00
2800	393.025	-0.758000	0.000000E+00
2801	379.871	9.12500	0.000000E+00
2802	393.025	-0.800000E-02	0.000000E+00
2803	379.871	10.9186	0.000000E+00
2804	393.025	2.12500	-1.00000
2805	393.025	2.12500	0.000000E+00
2806	380.871	3.12500	0.000000E+00
2807	383.301	5.62500	0.000000E+00
2808	380.871	6.62500	0.000000E+00
2809	380.871	10.1250	0.000000E+00
2810	382.301	-0.490300	0.000000E+00
2811	382.301	0.259700	0.000000E+00
2812	383.301	5.62500	-1.00000
2813	382.135	2.12500	-1.00000
2814	382.135	2.12500	0.000000E+00
2815	382.135	5.62500	-1.00000
2816	393.025	9.12500	-1.00000
2817	393.025	9.12500	0.000000E+00
2818	382.135	5.62500	0.000000E+00
2819	393.025	11.2530	0.000000E+00
2820	382.301	9.12500	0.000000E+00
2821	393.025	12.0030	0.000000E+00
2822	382.301	10.9903	0.000000E+00
2823	383.301	3.12500	0.000000E+00
2824	383.301	6.62500	0.000000E+00
2825	395.456	2.12500	0.000000E+00
2826	383.301	10.1250	0.000000E+00
2827	395.456	9.12500	0.000000E+00
2828	384.732	-0.556850	0.000000E+00
2829	384.732	0.193150	0.000000E+00
2830	384.566	2.12500	0.000000E+00
2831	397.887	-0.893100	0.000000E+00
2832	384.566	5.62500	0.000000E+00
2833	397.887	-0.143100	0.000000E+00
2834	384.732	9.12500	0.000000E+00
2835	397.887	2.12500	-1.00000
2836	397.887	2.12500	0.000000E+00
2837	384.732	11.0569	0.000000E+00
2838	385.732	3.12500	0.000000E+00
2839	388.163	5.62500	0.000000E+00
2840	385.732	6.62500	0.000000E+00
2841	385.732	10.1250	0.000000E+00
2842	387.163	-0.623400	0.000000E+00
2843	387.163	0.126600	0.000000E+00
2844	388.163	5.62500	-1.00000
2845	386.996	2.12500	-1.00000
2846	386.996	2.12500	0.000000E+00
2847	397.887	9.12500	-1.00000
2848	397.887	9.12500	0.000000E+00
2849	386.996	5.62500	-1.00000
2850	397.887	11.3931	0.000000E+00
2851	386.996	5.62500	0.000000E+00
2852	397.887	12.1431	0.000000E+00
2853	387.163	9.12500	0.000000E+00
2854	387.163	11.1234	0.000000E+00
2855	388.163	3.12500	0.000000E+00
2856	399.602	2.12500	0.000000E+00
2857	388.163	6.62500	0.000000E+00
2858	399.602	9.12500	0.000000E+00
2859	388.163	10.1250	0.000000E+00
2860	389.593	3.12500	0.000000E+00
2861	389.593	6.62500	0.000000E+00
2862	400.317	2.12500	0.000000E+00
2863	389.593	10.1250	0.000000E+00

2864	400.317	9.12500	0.000000E+00
2865	389.594	-0.690700	0.000000E+00
2866	389.594	0.593000E-01	0.000000E+00
2867	389.427	2.12500	0.000000E+00
2868	402.748	-1.02650	0.000000E+00
2869	389.427	5.62500	0.000000E+00
2870	402.748	-0.276500	0.000000E+00
2871	389.594	9.12500	0.000000E+00
2872	402.748	2.12500	-1.00000
2873	402.748	2.12500	0.000000E+00
2874	389.594	11.1882	0.000000E+00
2875	390.594	3.12500	0.000000E+00
2876	393.025	5.62500	0.000000E+00
2877	390.594	6.62500	0.000000E+00
2878	390.594	10.1250	0.000000E+00
2879	392.025	-0.758000	0.000000E+00
2880	392.025	-0.800000E-02	0.000000E+00
2881	393.025	5.62500	-1.00000
2882	391.858	2.12500	-1.00000
2883	391.858	2.12500	0.000000E+00
2884	402.748	9.12500	-1.00000
2885	402.748	9.12500	0.000000E+00
2886	391.858	5.62500	-1.00000
2887	402.748	11.5265	0.000000E+00
2888	391.858	5.62500	0.000000E+00
2889	402.748	12.2765	0.000000E+00
2890	392.025	9.12500	0.000000E+00
2891	392.025	11.2530	0.000000E+00
2892	393.025	3.12500	0.000000E+00
2893	405.179	2.12500	0.000000E+00
2894	393.025	6.62500	0.000000E+00
2895	405.179	9.12500	0.000000E+00
2896	393.025	10.1250	0.000000E+00
2897	394.456	-0.825550	0.000000E+00
2898	394.456	-0.755500E-01	0.000000E+00
2899	407.610	-1.15800	0.000000E+00
2900	394.289	2.12500	0.000000E+00
2901	407.610	-0.398000	0.000000E+00
2902	394.289	5.62500	0.000000E+00
2903	34.5470	5.62500	-2.50000
2904	33.5470	6.62500	-2.50000
2905	407.610	2.12500	-1.00000
2906	407.610	2.12500	0.000000E+00
2907	394.456	9.12500	0.000000E+00
2908	394.456	11.3231	0.000000E+00
2909	395.456	3.12500	0.000000E+00
2910	397.887	5.62500	0.000000E+00
2911	83.0570	5.62500	-2.50000
2912	82.0570	6.62500	-2.50000
2913	395.456	6.62500	0.000000E+00
2914	395.456	10.1250	0.000000E+00
2915	396.887	-0.893100	0.000000E+00
2916	396.887	-0.143100	0.000000E+00
2917	397.887	5.62500	-1.00000
2918	396.720	2.12500	-1.00000
2919	131.587	5.62500	-2.50000
2920	130.587	6.62500	-2.50000
2921	407.610	9.12500	-1.00000
2922	407.610	9.12500	0.000000E+00
2923	396.720	2.12500	0.000000E+00
2924	407.610	11.6630	0.000000E+00
2925	396.720	5.62500	-1.00000
2926	407.610	12.4130	0.000000E+00
2927	396.720	5.62500	0.000000E+00
2928	396.887	9.12500	0.000000E+00
2929	396.887	11.3931	0.000000E+00
2930	408.110	-1.17200	0.000000E+00
2931	397.887	3.12500	0.000000E+00
2932	408.110	-0.412000	0.000000E+00
2933	397.887	6.62500	0.000000E+00
2934	408.110	2.12500	0.000000E+00
2935	397.887	10.1250	0.000000E+00
2936	399.602	3.12500	0.000000E+00
2937	399.602	6.62500	0.000000E+00
2938	399.602	10.1250	0.000000E+00
2939	399.317	-0.959800	0.000000E+00
2940	408.110	9.12500	0.000000E+00
2941	399.317	-0.209800	0.000000E+00
2942	408.110	11.6670	0.000000E+00
2943	399.151	2.12500	0.000000E+00
2944	408.110	12.4170	0.000000E+00
2945	399.151	5.62500	0.000000E+00
2946	399.317	9.12500	0.000000E+00
2947	399.317	11.4598	0.000000E+00
2948	400.317	3.12500	0.000000E+00
2949	402.748	5.62500	0.000000E+00
2950	400.317	6.62500	0.000000E+00
2951	400.317	10.1250	0.000000E+00
2952	401.748	-1.02650	0.000000E+00
2953	401.748	-0.276500	0.000000E+00
2954	402.748	5.62500	-1.00000
2955	401.582	2.12500	-1.00000
2956	401.582	2.12500	0.000000E+00
2957	401.582	5.62500	-1.00000
2958	401.582	5.62500	0.000000E+00
2959	401.748	9.12500	0.000000E+00
2960	401.748	11.5265	0.000000E+00
2961	402.748	3.12500	0.000000E+00
2962	402.748	6.62500	0.000000E+00
2963	402.748	10.1250	0.000000E+00
2964	404.179	-1.09225	0.000000E+00
2965	404.179	-0.337250	0.000000E+00
2966	404.012	2.12500	0.000000E+00
2967	404.012	5.62500	0.000000E+00
2968	404.179	9.12500	0.000000E+00

2969	404.179	11.5948	0.000000E+00
2970	405.179	3.12500	0.000000E+00
2971	407.610	5.62500	0.000000E+00
2972	405.179	6.62500	0.000000E+00
2973	405.179	10.1250	0.000000E+00
2974	406.610	-1.15800	0.000000E+00
2975	406.610	-0.398000	0.000000E+00
2976	407.610	5.62500	-1.00000
2977	406.443	2.12500	-1.00000
2978	406.443	2.12500	0.000000E+00
2979	406.443	5.62500	-1.00000
2980	406.443	5.62500	0.000000E+00
2981	406.610	9.12500	0.000000E+00
2982	406.610	11.6630	0.000000E+00
2983	407.610	3.12500	0.000000E+00
2984	407.610	6.62500	0.000000E+00
2985	407.610	10.1250	0.000000E+00
2986	407.110	-1.17200	0.000000E+00
2987	407.110	-0.412000	0.000000E+00
2988	406.943	2.12500	0.000000E+00
2989	406.943	5.62500	0.000000E+00
2990	407.110	9.12500	0.000000E+00
2991	407.110	11.6670	0.000000E+00
2992	0.500000	5.62500	0.277556E-16
2993	0.500000	4.62500	-1.00000
2994	5.22100	5.62500	0.277556E-16
2995	5.22100	4.62500	-1.00000
2996	9.94200	5.62500	0.277556E-16
2997	9.94200	4.62500	-1.00000
2998	14.6630	5.62500	0.277556E-16
2999	14.6630	4.62500	-1.00000
3000	19.3840	5.62500	0.277556E-16
3001	19.3840	4.62500	-1.00000
3002	24.1050	5.62500	0.277556E-16
3003	24.1050	4.62500	-1.00000
3004	28.8260	5.62500	0.277556E-16
3005	28.8260	4.62500	-1.00000
3006	33.5470	5.62500	0.277556E-16
3007	33.5470	4.62500	-1.00000
3008	38.3980	5.62500	0.277556E-16
3009	38.3980	4.62500	-1.00000
3010	43.2490	5.62500	0.277556E-16
3011	43.2490	4.62500	-1.00000
3012	48.1000	5.62500	0.277556E-16
3013	48.1000	4.62500	-1.00000
3014	52.9510	5.62500	0.277556E-16
3015	52.9510	4.62500	-1.00000
3016	57.8020	5.62500	0.277556E-16
3017	57.8020	4.62500	-1.00000
3018	62.6530	5.62500	0.277556E-16
3019	62.6530	4.62500	-1.00000
3020	67.5040	5.62500	0.277556E-16
3021	67.5040	4.62500	-1.00000
3022	72.3550	5.62500	0.277556E-16
3023	72.3550	4.62500	-1.00000
3024	77.2060	5.62500	0.277556E-16
3025	77.2060	4.62500	-1.00000
3026	82.0570	5.62500	0.277556E-16
3027	82.0570	4.62500	-1.00000
3028	86.9100	5.62500	0.277556E-16
3029	86.9100	4.62500	-1.00000
3030	91.7630	5.62500	0.277556E-16
3031	91.7630	4.62500	-1.00000
3032	96.6160	5.62500	0.277556E-16
3033	96.6160	4.62500	-1.00000
3034	101.469	5.62500	0.277556E-16
3035	101.469	4.62500	-1.00000
3036	106.322	5.62500	0.277556E-16
3037	106.322	4.62500	-1.00000
3038	111.175	5.62500	0.277556E-16
3039	111.175	4.62500	-1.00000
3040	116.028	5.62500	0.277556E-16
3041	116.028	4.62500	-1.00000
3042	120.881	5.62500	0.277556E-16
3043	120.881	4.62500	-1.00000
3044	125.734	5.62500	0.277556E-16
3045	125.734	4.62500	-1.00000
3046	130.587	5.62500	0.277556E-16
3047	130.587	4.62500	-1.00000
3048	135.442	5.62500	0.277556E-16
3049	135.442	4.62500	-1.00000
3050	140.297	5.62500	0.277556E-16
3051	140.297	4.62500	-1.00000
3052	145.152	5.62500	0.277556E-16
3053	145.152	4.62500	-1.00000
3054	150.007	5.62500	0.277556E-16
3055	150.007	4.62500	-1.00000
3056	154.862	5.62500	0.277556E-16
3057	154.862	4.62500	-1.00000
3058	159.717	5.62500	0.277556E-16
3059	159.717	4.62500	-1.00000
3060	164.572	5.62500	0.277556E-16
3061	164.572	4.62500	-1.00000
3062	169.427	5.62500	0.277556E-16
3063	169.427	4.62500	-1.00000
3064	174.282	5.62500	0.277556E-16
3065	174.282	4.62500	-1.00000
3066	179.137	5.62500	0.277556E-16
3067	179.137	4.62500	-1.00000
3068	183.994	5.62500	0.277556E-16
3069	183.994	4.62500	-1.00000
3070	188.851	5.62500	0.277556E-16
3071	188.851	4.62500	-1.00000
3072	193.708	5.62500	0.277556E-16
3073	193.708	4.62500	-1.00000

3074	198.565	5.62500	0.277556E-16
3075	198.565	4.62500	-1.00000
3076	203.422	5.62500	0.277556E-16
3077	203.422	4.62500	-1.00000
3078	208.279	5.62500	0.277556E-16
3079	208.279	4.62500	-1.00000
3080	213.136	5.62500	0.277556E-16
3081	213.136	4.62500	-1.00000
3082	217.993	5.62500	0.277556E-16
3083	217.993	4.62500	-1.00000
3084	222.850	5.62500	0.277556E-16
3085	222.850	4.62500	-1.00000
3086	227.707	5.62500	0.277556E-16
3087	227.707	4.62500	-1.00000
3088	232.565	5.62500	0.277556E-16
3089	232.565	4.62500	-1.00000
3090	237.423	5.62500	0.277556E-16
3091	237.423	4.62500	-1.00000
3092	242.281	5.62500	0.277556E-16
3093	242.281	4.62500	-1.00000
3094	247.139	5.62500	0.277556E-16
3095	247.139	4.62500	-1.00000
3096	251.997	5.62500	0.277556E-16
3097	251.997	4.62500	-1.00000
3098	256.855	5.62500	0.277556E-16
3099	256.855	4.62500	-1.00000
3100	261.713	5.62500	0.277556E-16
3101	261.713	4.62500	-1.00000
3102	266.571	5.62500	0.277556E-16
3103	266.571	4.62500	-1.00000
3104	271.429	5.62500	0.277556E-16
3105	271.429	4.62500	-1.00000
3106	276.287	5.62500	0.277556E-16
3107	276.287	4.62500	-1.00000
3108	281.146	5.62500	0.277556E-16
3109	281.146	4.62500	-1.00000
3110	286.005	5.62500	0.277556E-16
3111	286.005	4.62500	-1.00000
3112	290.864	5.62500	0.277556E-16
3113	290.864	4.62500	-1.00000
3114	295.723	5.62500	0.277556E-16
3115	295.723	4.62500	-1.00000
3116	300.582	5.62500	0.277556E-16
3117	300.582	4.62500	-1.00000
3118	305.441	5.62500	0.277556E-16
3119	305.441	4.62500	-1.00000
3120	310.300	5.62500	0.277556E-16
3121	310.300	4.62500	-1.00000
3122	315.159	5.62500	0.277556E-16
3123	315.159	4.62500	-1.00000
3124	320.018	5.62500	0.277556E-16
3125	320.018	4.62500	-1.00000
3126	324.877	5.62500	0.277556E-16
3127	324.877	4.62500	-1.00000
3128	329.736	5.62500	0.277556E-16
3129	329.736	4.62500	-1.00000
3130	334.595	5.62500	0.277556E-16
3131	334.595	4.62500	-1.00000
3132	339.454	5.62500	0.277556E-16
3133	339.454	4.62500	-1.00000
3134	344.313	5.62500	0.277556E-16
3135	344.313	4.62500	-1.00000
3136	349.172	5.62500	0.277556E-16
3137	349.172	4.62500	-1.00000
3138	354.031	5.62500	0.277556E-16
3139	354.031	4.62500	-1.00000
3140	358.890	5.62500	0.277556E-16
3141	358.890	4.62500	-1.00000
3142	363.749	5.62500	0.277556E-16
3143	363.749	4.62500	-1.00000
3144	368.723	5.62500	0.277556E-16
3145	368.723	4.62500	-1.00000
3146	373.578	5.62500	0.277556E-16
3147	373.578	4.62500	-1.00000
3148	378.440	5.62500	0.277556E-16
3149	378.440	4.62500	-1.00000
3150	383.301	5.62500	0.277556E-16
3151	383.301	4.62500	-1.00000
3152	388.163	5.62500	0.277556E-16
3153	388.163	4.62500	-1.00000
3154	393.025	5.62500	0.277556E-16
3155	393.025	4.62500	-1.00000
3156	397.887	5.62500	0.277556E-16
3157	397.887	4.62500	-1.00000
3158	402.748	5.62500	0.277556E-16
3159	402.748	4.62500	-1.00000
3160	407.610	5.62500	0.277556E-16
3161	407.610	4.62500	-1.00000
3162	1.50000	5.62500	0.000000E+00
3163	0.500000	6.62500	0.000000E+00
3164	6.22100	5.62500	0.000000E+00
3165	5.22100	6.62500	0.000000E+00
3166	10.94200	5.62500	0.000000E+00
3167	9.94200	6.62500	0.000000E+00
3168	15.6630	5.62500	0.000000E+00
3169	14.6630	6.62500	0.000000E+00
3170	20.3840	5.62500	0.000000E+00
3171	19.3840	6.62500	0.000000E+00
3172	25.1050	5.62500	0.000000E+00
3173	24.1050	6.62500	0.000000E+00
3174	29.8260	5.62500	0.000000E+00
3175	28.8260	6.62500	0.000000E+00
3176	34.5470	5.62500	0.000000E+00
3177	33.5470	6.62500	0.000000E+00
3178	39.3980	5.62500	0.000000E+00



3179	38.3980	6.62500	0.000000E+00
3180	44.2490	5.62500	0.000000E+00
3181	43.2490	6.62500	0.000000E+00
3182	49.1000	5.62500	0.000000E+00
3183	48.1000	6.62500	0.000000E+00
3184	53.9510	5.62500	0.000000E+00
3185	52.9510	6.62500	0.000000E+00
3186	58.8020	5.62500	0.000000E+00
3187	57.8020	6.62500	0.000000E+00
3188	63.6530	5.62500	0.000000E+00
3189	62.6530	6.62500	0.000000E+00
3190	68.5040	5.62500	0.000000E+00
3191	67.5040	6.62500	0.000000E+00
3192	73.3550	5.62500	0.000000E+00
3193	72.3550	6.62500	0.000000E+00
3194	78.2060	5.62500	0.000000E+00
3195	77.2060	6.62500	0.000000E+00
3196	83.0570	5.62500	0.000000E+00
3197	82.0570	6.62500	0.000000E+00
3198	87.9100	5.62500	0.000000E+00
3199	86.9100	6.62500	0.000000E+00
3200	92.7630	5.62500	0.000000E+00
3201	91.7630	6.62500	0.000000E+00
3202	97.6160	5.62500	0.000000E+00
3203	96.6160	6.62500	0.000000E+00
3204	102.469	5.62500	0.000000E+00
3205	101.469	6.62500	0.000000E+00
3206	107.322	5.62500	0.000000E+00
3207	106.322	6.62500	0.000000E+00
3208	112.175	5.62500	0.000000E+00
3209	111.175	6.62500	0.000000E+00
3210	117.028	5.62500	0.000000E+00
3211	116.028	6.62500	0.000000E+00
3212	121.881	5.62500	0.000000E+00
3213	120.881	6.62500	0.000000E+00
3214	126.734	5.62500	0.000000E+00
3215	125.734	6.62500	0.000000E+00
3216	131.587	5.62500	0.000000E+00
3217	130.587	6.62500	0.000000E+00
3218	136.442	5.62500	0.000000E+00
3219	135.442	6.62500	0.000000E+00
3220	141.297	5.62500	0.000000E+00
3221	140.297	6.62500	0.000000E+00
3222	146.152	5.62500	0.000000E+00
3223	145.152	6.62500	0.000000E+00
3224	151.007	5.62500	0.000000E+00
3225	150.007	6.62500	0.000000E+00
3226	155.862	5.62500	0.000000E+00
3227	154.862	6.62500	0.000000E+00
3228	160.717	5.62500	0.000000E+00
3229	159.717	6.62500	0.000000E+00
3230	165.572	5.62500	0.000000E+00
3231	164.572	6.62500	0.000000E+00
3232	170.427	5.62500	0.000000E+00
3233	169.427	6.62500	0.000000E+00
3234	175.282	5.62500	0.000000E+00
3235	174.282	6.62500	0.000000E+00
3236	180.137	5.62500	0.000000E+00
3237	179.137	6.62500	0.000000E+00
3238	184.994	5.62500	0.000000E+00
3239	183.994	6.62500	0.000000E+00
3240	189.851	5.62500	0.000000E+00
3241	188.851	6.62500	0.000000E+00
3242	194.708	5.62500	0.000000E+00
3243	193.708	6.62500	0.000000E+00
3244	199.565	5.62500	0.000000E+00
3245	198.565	6.62500	0.000000E+00
3246	204.422	5.62500	0.000000E+00
3247	203.422	6.62500	0.000000E+00
3248	209.279	5.62500	0.000000E+00
3249	208.279	6.62500	0.000000E+00
3250	214.136	5.62500	0.000000E+00
3251	213.136	6.62500	0.000000E+00
3252	218.993	5.62500	0.000000E+00
3253	217.993	6.62500	0.000000E+00
3254	223.850	5.62500	0.000000E+00
3255	222.850	6.62500	0.000000E+00
3256	228.707	5.62500	0.000000E+00
3257	227.707	6.62500	0.000000E+00
3258	233.565	5.62500	0.000000E+00
3259	232.565	6.62500	0.000000E+00
3260	238.423	5.62500	0.000000E+00
3261	237.423	6.62500	0.000000E+00
3262	243.281	5.62500	0.000000E+00
3263	242.281	6.62500	0.000000E+00
3264	248.139	5.62500	0.000000E+00
3265	247.139	6.62500	0.000000E+00
3266	252.997	5.62500	0.000000E+00
3267	251.997	6.62500	0.000000E+00
3268	257.855	5.62500	0.000000E+00
3269	256.855	6.62500	0.000000E+00
3270	262.713	5.62500	0.000000E+00
3271	261.713	6.62500	0.000000E+00
3272	267.571	5.62500	0.000000E+00
3273	266.571	6.62500	0.000000E+00
3274	272.429	5.62500	0.000000E+00
3275	271.429	6.62500	0.000000E+00
3276	277.287	5.62500	0.000000E+00
3277	276.287	6.62500	0.000000E+00
3278	282.146	5.62500	0.000000E+00
3279	281.146	6.62500	0.000000E+00
3280	287.005	5.62500	0.000000E+00
3281	286.005	6.62500	0.000000E+00
3282	291.864	5.62500	0.000000E+00
3283	290.864	6.62500	0.000000E+00

3284	296.723	5.62500	0.000000E+00
3285	295.723	6.62500	0.000000E+00
3286	301.582	5.62500	0.000000E+00
3287	300.582	6.62500	0.000000E+00
3288	306.441	5.62500	0.000000E+00
3289	305.441	6.62500	0.000000E+00
3290	311.300	5.62500	0.000000E+00
3291	310.300	6.62500	0.000000E+00
3292	316.159	5.62500	0.000000E+00
3293	315.159	6.62500	0.000000E+00
3294	321.018	5.62500	0.000000E+00
3295	320.018	6.62500	0.000000E+00
3296	325.877	5.62500	0.000000E+00
3297	324.877	6.62500	0.000000E+00
3298	330.736	5.62500	0.000000E+00
3299	329.736	6.62500	0.000000E+00
3300	335.595	5.62500	0.000000E+00
3301	334.595	6.62500	0.000000E+00
3302	340.454	5.62500	0.000000E+00
3303	339.454	6.62500	0.000000E+00
3304	345.313	5.62500	0.000000E+00
3305	344.313	6.62500	0.000000E+00
3306	350.172	5.62500	0.000000E+00
3307	349.172	6.62500	0.000000E+00
3308	355.031	5.62500	0.000000E+00
3309	354.031	6.62500	0.000000E+00
3310	359.890	5.62500	0.000000E+00
3311	358.890	6.62500	0.000000E+00
3312	364.749	5.62500	0.000000E+00
3313	363.749	6.62500	0.000000E+00
3314	369.723	5.62500	0.000000E+00
3315	368.723	6.62500	0.000000E+00
3316	374.578	5.62500	0.000000E+00
3317	373.578	6.62500	0.000000E+00
3318	379.440	5.62500	0.000000E+00
3319	378.440	6.62500	0.000000E+00
3320	384.301	5.62500	0.000000E+00
3321	383.301	6.62500	0.000000E+00
3322	389.163	5.62500	0.000000E+00
3323	388.163	6.62500	0.000000E+00
3324	394.025	5.62500	0.000000E+00
3325	393.025	6.62500	0.000000E+00
3326	398.887	5.62500	0.000000E+00
3327	397.887	6.62500	0.000000E+00
3328	403.748	5.62500	0.000000E+00
3329	402.748	6.62500	0.000000E+00
3330	408.610	5.62500	0.000000E+00
3331	407.610	6.62500	0.000000E+00
3743	180.137	5.62500	-2.50000
3744	179.137	6.62500	-2.50000
3745	228.707	5.62500	-2.50000
3746	227.707	6.62500	-2.50000
3747	277.287	5.62500	-2.50000
3748	276.287	6.62500	-2.50000
3749	325.877	5.62500	-2.50000
3750	324.877	6.62500	-2.50000
3751	374.578	5.62500	-2.50000
3752	373.578	6.62500	-2.50000
3753	406.610	5.62500	-2.50000
3754	407.610	4.62500	-2.50000
8152	2.86050	0.750000	0.000000E+00
8154	7.58150	0.750000	0.000000E+00
8155	12.3025	0.750000	0.000000E+00
8156	17.0235	0.750000	0.000000E+00
8157	21.7445	0.750000	0.000000E+00
8158	26.4655	0.750000	0.000000E+00
8159	31.1865	0.750000	0.000000E+00
8161	35.9725	0.750000	0.000000E+00
8162	40.8235	0.750000	0.000000E+00
8163	45.6745	0.750000	0.000000E+00
8164	50.5255	0.750000	0.000000E+00
8166	55.3765	0.750000	0.000000E+00
8167	60.2275	0.750000	0.000000E+00
8168	65.0785	0.750000	0.000000E+00
8169	69.9295	0.750000	0.000000E+00
8170	74.7805	0.750000	0.000000E+00
8171	79.6315	0.750000	0.000000E+00
8172	84.4835	0.750000	0.000000E+00
8180	89.3365	0.750000	0.000000E+00
8182	94.1895	0.750000	0.000000E+00
8183	99.0425	0.750000	0.000000E+00
8184	103.896	0.750000	0.000000E+00
8185	108.749	0.750000	0.000000E+00
8186	113.602	0.750000	0.000000E+00
8187	118.455	0.750000	0.000000E+00
8189	123.307	0.750000	0.000000E+00
8190	128.160	0.750000	0.000000E+00
8191	133.015	0.750000	0.000000E+00
8192	137.869	0.750000	0.000000E+00
8194	142.724	0.750000	0.000000E+00
8195	147.579	0.750000	0.000000E+00
8198	152.435	0.750000	0.000000E+00
8201	157.290	0.750000	0.000000E+00
8205	162.144	0.750000	0.000000E+00
8206	166.999	0.750000	0.000000E+00
8211	171.855	0.750000	0.000000E+00
8214	176.710	0.750000	0.000000E+00
8215	181.566	0.750000	0.000000E+00
8218	186.423	0.750000	0.000000E+00
8219	191.279	0.750000	0.000000E+00
8223	196.136	0.750000	0.000000E+00
8225	200.994	0.750000	0.000000E+00
8226	205.850	0.750000	0.000000E+00
8228	210.708	0.750000	0.000000E+00
8229	215.564	0.750000	0.000000E+00

8231	220.422	0.750000	0.000000E+00
8232	225.278	0.750000	0.000000E+00
8234	230.136	0.750000	0.000000E+00
8238	234.994	0.750000	0.000000E+00
8249	239.852	0.750000	0.000000E+00
8264	244.710	0.750000	0.000000E+00
8296	249.568	0.750000	0.000000E+00
8302	254.426	0.750000	0.000000E+00
8318	259.284	0.750000	0.000000E+00
8321	264.142	0.750000	0.000000E+00
8470	269.000	0.750000	0.000000E+00
8471	273.858	0.750000	0.000000E+00
8477	278.717	0.750000	0.000000E+00
8478	283.575	0.750000	0.000000E+00
8481	288.434	0.750000	0.000000E+00
8482	293.293	0.750000	0.000000E+00
8485	298.152	0.750000	0.000000E+00
8486	303.012	0.750000	0.000000E+00
8489	307.870	0.750000	0.000000E+00
8490	312.730	0.750000	0.000000E+00
8509	317.588	0.750000	0.000000E+00
8510	322.447	0.750000	0.000000E+00
8513	327.306	0.750000	0.000000E+00
8514	332.165	0.750000	0.000000E+00
8517	337.024	0.750000	0.000000E+00
8518	341.883	0.750000	0.000000E+00
8521	346.743	0.750000	0.000000E+00
8524	351.601	0.750000	0.000000E+00
8525	356.460	0.750000	0.000000E+00
8528	361.320	0.750000	0.000000E+00
8529	366.236	0.709000	0.000000E+00
8532	371.150	0.601500	0.000000E+00
8533	376.009	0.469000	0.000000E+00
8549	380.871	0.331350	0.000000E+00
8550	385.732	0.193150	0.000000E+00
8553	390.594	0.593000E-01	0.000000E+00
8554	395.456	-0.755500E-01	0.000000E+00
8557	400.317	-0.209800	0.000000E+00
8558	405.179	-0.337250	0.000000E+00
8697	2.86050	10.5000	0.000000E+00
8750	7.58150	10.5000	0.000000E+00
8776	12.3025	10.5000	0.000000E+00
8779	17.0235	10.5000	0.000000E+00
8794	21.7445	10.5000	0.000000E+00
8804	26.4655	10.5000	0.000000E+00
8827	31.1865	10.5000	0.000000E+00
8830	35.9725	10.5000	0.000000E+00
8833	40.8235	10.5000	0.000000E+00
8967	74.7805	10.5000	0.000000E+00
8970	79.6315	10.5000	0.000000E+00
8973	84.4835	10.5000	0.000000E+00
8976	89.3365	10.5000	0.000000E+00
8978	94.1895	10.5000	0.000000E+00
8985	45.6745	10.5000	0.000000E+00
8987	50.5255	10.5000	0.000000E+00
8992	366.236	10.5410	0.000000E+00
8996	55.3765	10.5000	0.000000E+00
8998	60.2275	10.5000	0.000000E+00
9000	65.0785	10.5000	0.000000E+00
9002	69.9295	10.5000	0.000000E+00
9009	99.0425	10.5000	0.000000E+00
9012	103.896	10.5000	0.000000E+00
9015	108.749	10.5000	0.000000E+00
9018	113.602	10.5000	0.000000E+00
9024	371.150	10.6485	0.000000E+00
9026	376.009	10.7810	0.000000E+00
9028	380.871	10.9186	0.000000E+00
9030	385.732	11.0569	0.000000E+00
9033	118.455	10.5000	0.000000E+00
9037	390.594	11.1882	0.000000E+00
9041	123.307	10.5000	0.000000E+00
9043	395.456	11.3231	0.000000E+00
9048	400.317	11.4598	0.000000E+00
9062	128.160	10.5000	0.000000E+00
9065	133.015	10.5000	0.000000E+00
9068	137.869	10.5000	0.000000E+00
9071	142.724	10.5000	0.000000E+00
9074	147.579	10.5000	0.000000E+00
9081	152.435	10.5000	0.000000E+00
9083	157.290	10.5000	0.000000E+00
9085	162.144	10.5000	0.000000E+00
9087	166.999	10.5000	0.000000E+00
9089	171.855	10.5000	0.000000E+00
9096	176.710	10.5000	0.000000E+00
9098	181.566	10.5000	0.000000E+00
9100	186.423	10.5000	0.000000E+00
9102	191.279	10.5000	0.000000E+00
9104	196.136	10.5000	0.000000E+00
9106	200.994	10.5000	0.000000E+00
9226	405.179	11.5948	0.000000E+00
9228	205.850	10.5000	0.000000E+00
9230	210.708	10.5000	0.000000E+00
9232	215.564	10.5000	0.000000E+00
9234	220.422	10.5000	0.000000E+00
9236	225.278	10.5000	0.000000E+00
9241	230.136	10.5000	0.000000E+00
9243	234.994	10.5000	0.000000E+00
9245	239.852	10.5000	0.000000E+00
9248	244.710	10.5000	0.000000E+00
9251	249.568	10.5000	0.000000E+00
9254	254.426	10.5000	0.000000E+00
9256	259.284	10.5000	0.000000E+00
9260	264.142	10.5000	0.000000E+00
9269	269.000	10.5000	0.000000E+00
9272	273.858	10.5000	0.000000E+00

9275	278.717	10.5000	0.000000E+00
9278	283.575	10.5000	0.000000E+00
9283	288.434	10.5000	0.000000E+00
9285	293.293	10.5000	0.000000E+00
9287	298.152	10.5000	0.000000E+00
9289	303.012	10.5000	0.000000E+00
9291	307.870	10.5000	0.000000E+00
9295	312.730	10.5000	0.000000E+00
9299	317.588	10.5000	0.000000E+00
9302	322.447	10.5000	0.000000E+00
9305	327.306	10.5000	0.000000E+00
9308	332.165	10.5000	0.000000E+00
9315	337.024	10.5000	0.000000E+00
9318	341.883	10.5000	0.000000E+00
9321	346.743	10.5000	0.000000E+00
9324	351.601	10.5000	0.000000E+00
9327	356.460	10.5000	0.000000E+00
9333	361.320	10.5000	0.000000E+00
9974	2.86050	0.000000E+00	0.000000E+00
9976	2.86050	11.2500	0.000000E+00
9977	7.58150	0.000000E+00	0.000000E+00
9980	7.58150	11.2500	0.000000E+00
9981	12.3025	0.000000E+00	0.000000E+00
9983	12.3025	11.2500	0.000000E+00
9984	17.0235	0.000000E+00	0.000000E+00
9986	17.0235	11.2500	0.000000E+00
9987	21.7445	0.000000E+00	0.000000E+00
9989	21.7445	11.2500	0.000000E+00
9991	26.4655	0.000000E+00	0.000000E+00
9992	26.4655	11.2500	0.000000E+00
9993	31.1865	0.000000E+00	0.000000E+00
9994	31.1865	11.2500	0.000000E+00
9995	35.9725	0.000000E+00	0.000000E+00
9996	35.9725	11.2500	0.000000E+00
9997	40.8235	0.000000E+00	0.000000E+00
9998	40.8235	11.2500	0.000000E+00
9999	45.6745	0.000000E+00	0.000000E+00
10000	45.6745	11.2500	0.000000E+00
10001	50.5255	0.000000E+00	0.000000E+00
10002	50.5255	11.2500	0.000000E+00
10003	55.3765	0.000000E+00	0.000000E+00
10004	55.3765	11.2500	0.000000E+00
10006	60.2275	0.000000E+00	0.000000E+00
10007	60.2275	11.2500	0.000000E+00
10008	65.0785	0.000000E+00	0.000000E+00
10009	65.0785	11.2500	0.000000E+00
10010	69.9295	0.000000E+00	0.000000E+00
10011	69.9295	11.2500	0.000000E+00
10012	74.7805	0.000000E+00	0.000000E+00
10013	74.7805	11.2500	0.000000E+00
10014	79.6315	0.000000E+00	0.000000E+00
10015	79.6315	11.2500	0.000000E+00
10016	84.4835	0.000000E+00	0.000000E+00
10017	84.4835	11.2500	0.000000E+00
10018	89.3365	0.000000E+00	0.000000E+00
10019	89.3365	11.2500	0.000000E+00
10021	94.1895	0.000000E+00	0.000000E+00
10022	94.1895	11.2500	0.000000E+00
10023	99.0425	0.000000E+00	0.000000E+00
10024	99.0425	11.2500	0.000000E+00
10025	103.896	0.000000E+00	0.000000E+00
10026	103.896	11.2500	0.000000E+00
10027	108.749	0.000000E+00	0.000000E+00
10028	108.749	11.2500	0.000000E+00
10029	113.602	0.000000E+00	0.000000E+00
10030	113.602	11.2500	0.000000E+00
10031	118.455	0.000000E+00	0.000000E+00
10032	118.455	11.2500	0.000000E+00
10033	123.307	0.000000E+00	0.000000E+00
10034	123.307	11.2500	0.000000E+00
10035	128.160	0.000000E+00	0.000000E+00
10038	128.160	11.2500	0.000000E+00
10040	133.015	0.000000E+00	0.000000E+00
10041	133.015	11.2500	0.000000E+00
10042	137.869	0.000000E+00	0.000000E+00
10043	137.869	11.2500	0.000000E+00
10044	142.724	0.000000E+00	0.000000E+00
10045	142.724	11.2500	0.000000E+00
10046	147.579	0.000000E+00	0.000000E+00
10047	147.579	11.2500	0.000000E+00
10048	152.435	0.000000E+00	0.000000E+00
10049	152.435	11.2500	0.000000E+00
10050	157.290	0.000000E+00	0.000000E+00
10051	157.290	11.2500	0.000000E+00
10052	162.144	0.000000E+00	0.000000E+00
10053	162.144	11.2500	0.000000E+00
10055	166.999	0.000000E+00	0.000000E+00
10056	166.999	11.2500	0.000000E+00
10057	171.855	0.000000E+00	0.000000E+00
10058	171.855	11.2500	0.000000E+00
10059	176.710	0.000000E+00	0.000000E+00
10060	176.710	11.2500	0.000000E+00
10061	181.566	0.000000E+00	0.000000E+00
10062	181.566	11.2500	0.000000E+00
10063	186.423	0.000000E+00	0.000000E+00
10064	186.423	11.2500	0.000000E+00
10065	191.279	0.000000E+00	0.000000E+00
10066	191.279	11.2500	0.000000E+00
10067	196.136	0.000000E+00	0.000000E+00
10068	196.136	11.2500	0.000000E+00
10070	200.994	0.000000E+00	0.000000E+00
10071	200.994	11.2500	0.000000E+00
10072	205.850	0.000000E+00	0.000000E+00
10073	205.850	11.2500	0.000000E+00
10074	210.708	0.000000E+00	0.000000E+00

10075	210.708	11.2500	0.000000E+00
10076	215.564	0.000000E+00	0.000000E+00
10077	215.564	11.2500	0.000000E+00
10078	220.422	0.000000E+00	0.000000E+00
10079	220.422	11.2500	0.000000E+00
10080	225.278	0.000000E+00	0.000000E+00
10081	225.278	11.2500	0.000000E+00
10082	230.136	0.000000E+00	0.000000E+00
10083	230.136	11.2500	0.000000E+00
10084	234.994	0.000000E+00	0.000000E+00
10087	234.994	11.2500	0.000000E+00
10088	239.852	0.000000E+00	0.000000E+00
10090	239.852	11.2500	0.000000E+00
10091	244.710	0.000000E+00	0.000000E+00
10093	244.710	11.2500	0.000000E+00
10094	249.568	0.000000E+00	0.000000E+00
10096	249.568	11.2500	0.000000E+00
10097	254.426	0.000000E+00	0.000000E+00
10100	254.426	11.2500	0.000000E+00
10101	259.284	0.000000E+00	0.000000E+00
10102	259.284	11.2500	0.000000E+00
10103	264.142	0.000000E+00	0.000000E+00
10104	264.142	11.2500	0.000000E+00
10105	269.000	0.000000E+00	0.000000E+00
10106	269.000	11.2500	0.000000E+00
10107	273.858	0.000000E+00	0.000000E+00
10108	273.858	11.2500	0.000000E+00
10109	278.717	0.000000E+00	0.000000E+00
10110	278.717	11.2500	0.000000E+00
10112	283.575	0.000000E+00	0.000000E+00
10113	283.575	11.2500	0.000000E+00
10114	288.434	0.000000E+00	0.000000E+00
10115	288.434	11.2500	0.000000E+00
10116	293.293	0.000000E+00	0.000000E+00
10117	293.293	11.2500	0.000000E+00
10118	298.152	0.000000E+00	0.000000E+00
10119	298.152	11.2500	0.000000E+00
10120	303.012	0.000000E+00	0.000000E+00
10121	303.012	11.2500	0.000000E+00
10122	307.870	0.000000E+00	0.000000E+00
10124	307.870	11.2500	0.000000E+00
10125	312.730	0.000000E+00	0.000000E+00
10126	312.730	11.2500	0.000000E+00
10127	317.588	0.000000E+00	0.000000E+00
10128	317.588	11.2500	0.000000E+00
10129	322.447	0.000000E+00	0.000000E+00
10130	322.447	11.2500	0.000000E+00
10131	327.306	0.000000E+00	0.000000E+00
10132	327.306	11.2500	0.000000E+00
10133	332.165	0.000000E+00	0.000000E+00
10134	332.165	11.2500	0.000000E+00
10136	337.024	0.000000E+00	0.000000E+00
10138	337.024	11.2500	0.000000E+00
10139	341.883	0.000000E+00	0.000000E+00
10140	341.883	11.2500	0.000000E+00
10141	346.743	0.000000E+00	0.000000E+00
10142	346.743	11.2500	0.000000E+00
10143	351.601	0.000000E+00	0.000000E+00
10144	351.601	11.2500	0.000000E+00
10145	356.460	0.000000E+00	0.000000E+00
10146	356.460	11.2500	0.000000E+00
10147	361.320	0.000000E+00	0.000000E+00
10148	361.320	11.2500	0.000000E+00
10149	366.236	-0.410000E-01	0.000000E+00
10150	366.236	11.2910	0.000000E+00
10151	371.150	-0.148500	0.000000E+00
10153	371.150	11.3985	0.000000E+00
10154	376.009	-0.281000	0.000000E+00
10155	376.009	11.5310	0.000000E+00
10156	380.871	-0.418650	0.000000E+00
10157	380.871	11.6686	0.000000E+00
10158	385.732	-0.556850	0.000000E+00
10159	385.732	11.8069	0.000000E+00
10160	390.594	-0.690700	0.000000E+00
10161	390.594	11.9382	0.000000E+00
10162	395.456	-0.825550	0.000000E+00
10163	395.456	12.0730	0.000000E+00
10164	400.317	-0.959800	0.000000E+00
10165	400.317	12.2098	0.000000E+00
10166	405.179	-1.09225	0.000000E+00
10168	405.179	12.3447	0.000000E+00
10169	0.000000E+00	0.000000E+00	0.000000E+00
10171	0.000000E+00	0.750000	0.000000E+00
10173	0.000000E+00	2.12500	0.000000E+00
10179	0.000000E+00	9.12500	0.000000E+00
10181	0.000000E+00	10.5000	0.000000E+00
10183	0.000000E+00	11.2500	0.000000E+00
10187	0.500000	0.000000E+00	0.000000E+00
10189	0.500000	0.750000	0.000000E+00
10193	0.500000	2.12500	-1.00000
10194	0.500000	2.12500	0.000000E+00
10209	0.500000	9.12500	-1.00000
10210	0.500000	9.12500	0.000000E+00
10212	0.500000	10.5000	0.000000E+00
10214	0.500000	11.2500	0.000000E+00
10218	2.86050	2.12500	0.000000E+00
10220	2.86050	9.12500	0.000000E+00
10224	5.22100	0.000000E+00	0.000000E+00
10226	5.22100	0.750000	0.000000E+00
10228	5.22100	2.12500	-1.00000
10229	5.22100	2.12500	0.000000E+00
10240	5.22100	9.12500	-1.00000
10241	5.22100	9.12500	0.000000E+00
10243	5.22100	10.5000	0.000000E+00
10245	5.22100	11.2500	0.000000E+00

10249	7.54900	2.12500	0.000000E+00
10251	7.54900	9.12500	0.000000E+00
10255	7.58150	2.12500	0.000000E+00
10257	7.58150	9.12500	0.000000E+00
10261	9.94200	0.000000E+00	0.000000E+00
10263	9.94200	0.750000	0.000000E+00
10265	9.94200	2.12500	-1.00000
10266	9.94200	2.12500	0.000000E+00
10277	9.94200	9.12500	-1.00000
10278	9.94200	9.12500	0.000000E+00
10280	9.94200	10.5000	0.000000E+00
10282	9.94200	11.2500	0.000000E+00
10286	12.3025	2.12500	0.000000E+00
10288	12.3025	9.12500	0.000000E+00
10292	14.6630	0.000000E+00	0.000000E+00
10294	14.6630	0.750000	0.000000E+00
10296	14.6630	2.12500	-1.00000
10297	14.6630	2.12500	0.000000E+00
10308	14.6630	9.12500	-1.00000
10309	14.6630	9.12500	0.000000E+00
10311	14.6630	10.5000	0.000000E+00
10313	14.6630	11.2500	0.000000E+00
10317	17.0235	2.12500	0.000000E+00
10319	17.0235	9.12500	0.000000E+00
10323	17.5480	2.12500	0.000000E+00
10325	17.5480	9.12500	0.000000E+00
10329	19.3840	0.000000E+00	0.000000E+00
10331	19.3840	0.750000	0.000000E+00
10333	19.3840	2.12500	-1.00000
10334	19.3840	2.12500	0.000000E+00
10345	19.3840	9.12500	-1.00000
10346	19.3840	9.12500	0.000000E+00
10348	19.3840	10.5000	0.000000E+00
10350	19.3840	11.2500	0.000000E+00
10354	21.7445	2.12500	0.000000E+00
10356	21.7445	9.12500	0.000000E+00
10360	24.1050	0.000000E+00	0.000000E+00
10362	24.1050	0.750000	0.000000E+00
10364	24.1050	2.12500	-1.00000
10365	24.1050	2.12500	0.000000E+00
10376	24.1050	9.12500	-1.00000
10377	24.1050	9.12500	0.000000E+00
10379	24.1050	10.5000	0.000000E+00
10381	24.1050	11.2500	0.000000E+00
10385	26.4655	2.12500	0.000000E+00
10387	26.4655	9.12500	0.000000E+00
10391	27.5470	2.12500	0.000000E+00
10393	27.5470	9.12500	0.000000E+00
10397	28.8260	0.000000E+00	0.000000E+00
10399	28.8260	0.750000	0.000000E+00
10401	28.8260	2.12500	-1.00000
10402	28.8260	2.12500	0.000000E+00
10413	28.8260	9.12500	-1.00000
10414	28.8260	9.12500	0.000000E+00
10416	28.8260	10.5000	0.000000E+00
10418	28.8260	11.2500	0.000000E+00
10422	31.1865	2.12500	0.000000E+00
10424	31.1865	9.12500	0.000000E+00
10428	33.5470	0.000000E+00	0.000000E+00
10430	33.5470	0.750000	0.000000E+00
10434	33.5470	2.12500	-1.00000
10435	33.5470	2.12500	0.000000E+00
10450	33.5470	9.12500	-1.00000
10451	33.5470	9.12500	0.000000E+00
10453	33.5470	10.5000	0.000000E+00
10455	33.5470	11.2500	0.000000E+00
10459	35.9725	2.12500	0.000000E+00
10461	0.000000E+00	5.62500	0.000000E+00
10464	2.86050	5.62500	0.000000E+00
10467	7.54900	5.62500	0.000000E+00
10468	7.58150	5.62500	0.000000E+00
10471	12.3025	5.62500	0.000000E+00
10474	17.0235	5.62500	0.000000E+00
10475	17.5480	5.62500	0.000000E+00
10478	21.7445	5.62500	0.000000E+00
10481	26.4655	5.62500	0.000000E+00
10482	27.5470	5.62500	0.000000E+00
10485	31.1865	5.62500	0.000000E+00
10488	35.9725	5.62500	0.000000E+00
10491	39.5490	5.62500	0.000000E+00
10492	40.8235	5.62500	0.000000E+00
10495	45.6745	5.62500	0.000000E+00
10498	50.5255	5.62500	0.000000E+00
10499	51.8010	5.62500	0.000000E+00
10502	55.3765	5.62500	0.000000E+00
10505	60.2275	5.62500	0.000000E+00
10508	63.8030	5.62500	0.000000E+00
10509	65.0785	5.62500	0.000000E+00
10512	69.9295	5.62500	0.000000E+00
10515	74.7805	5.62500	0.000000E+00
10516	76.0550	5.62500	0.000000E+00
10519	79.6315	5.62500	0.000000E+00
10522	84.4835	5.62500	0.000000E+00
10525	88.0610	5.62500	0.000000E+00
10526	89.3365	5.62500	0.000000E+00
10529	94.1895	5.62500	0.000000E+00
10532	99.0425	5.62500	0.000000E+00
10533	100.318	5.62500	0.000000E+00
10536	103.896	5.62500	0.000000E+00
10539	108.749	5.62500	0.000000E+00
10542	112.325	5.62500	0.000000E+00
10543	113.602	5.62500	0.000000E+00
10546	118.455	5.62500	0.000000E+00
10549	123.307	5.62500	0.000000E+00
10550	124.582	5.62500	0.000000E+00

10553	128.160	5.62500	0.000000E+00
10556	133.015	5.62500	0.000000E+00
10559	136.594	5.62500	0.000000E+00
10560	137.869	5.62500	0.000000E+00
10563	142.724	5.62500	0.000000E+00
10566	147.579	5.62500	0.000000E+00
10567	148.856	5.62500	0.000000E+00
10570	152.435	5.62500	0.000000E+00
10573	157.290	5.62500	0.000000E+00
10576	160.868	5.62500	0.000000E+00
10577	162.144	5.62500	0.000000E+00
10580	166.999	5.62500	0.000000E+00
10583	171.855	5.62500	0.000000E+00
10584	173.130	5.62500	0.000000E+00
10587	176.710	5.62500	0.000000E+00
10590	181.566	5.62500	0.000000E+00
10593	185.147	5.62500	0.000000E+00
10594	186.423	5.62500	0.000000E+00
10597	191.279	5.62500	0.000000E+00
10600	196.136	5.62500	0.000000E+00
10601	197.414	5.62500	0.000000E+00
10604	200.994	5.62500	0.000000E+00
10607	205.850	5.62500	0.000000E+00
10610	209.430	5.62500	0.000000E+00
10611	210.708	5.62500	0.000000E+00
10614	215.564	5.62500	0.000000E+00
10617	220.422	5.62500	0.000000E+00
10618	221.697	5.62500	0.000000E+00
10621	225.278	5.62500	0.000000E+00
10624	230.136	5.62500	0.000000E+00
10627	233.716	5.62500	0.000000E+00
10628	234.994	5.62500	0.000000E+00

TOTAL NUMBER OF NODES = 3840  
LARGEST NODE NUMBER = 10628  
DATA STORAGE LOCATIONS USED = 26880

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
1	1ST NODE	=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	AREA	IYY	IZZ	KT	ASZ
2	1ST NODE	=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

Trave\_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
3	1ST NODE	=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

soletta\_estremo (soletta\_estremo (RSS D=0.3 B=0.1))  
PROPERTY

BMI21	ELEMENTS	AREA	IYY	IZZ	KT	ASZ
4	1ST NODE	=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

soletta\_coda (soletta\_coda (RSS D=0.3 B=1.71285))  
PROPERTY

BMI21 ELEMENTS									
5	1ST NODE	AREA =0.5139	IYY =0.3854E-02	IZZ =0.1256	KT =0.1372E-01	ASZ =0.4285			
		ASY =0.4282	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.5139	IYY =0.3854E-02	IZZ =0.1256	KT =0.1372E-01	ASZ =0.4285			
		ASY =0.4282	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

soletta\_riva (soletta\_riva (RSS D=0.3 B=2.4255))  
PROPERTY

BMI21 ELEMENTS									
6	1ST NODE	AREA =0.7277	IYY =0.5457E-02	IZZ =0.3567	KT =0.2013E-01	ASZ =0.6069			
		ASY =0.6064	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7277	IYY =0.5457E-02	IZZ =0.3567	KT =0.2013E-01	ASZ =0.6069			
		ASY =0.6064	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

soletta\_transiz (soletta\_transiz (RSS D=0.3 B=2.427))  
PROPERTY

BMI21 ELEMENTS									
7	1ST NODE	AREA =0.7281	IYY =0.5461E-02	IZZ =0.3574	KT =0.2014E-01	ASZ =0.6072			
		ASY =0.6068	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7281	IYY =0.5461E-02	IZZ =0.3574	KT =0.2014E-01	ASZ =0.6072			
		ASY =0.6068	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

soletta\_tipo (soletta\_tipo (RSS D=0.3 B=2.4285))  
PROPERTY

BMI21 ELEMENTS									
8	1ST NODE	AREA =0.7286	IYY =0.5464E-02	IZZ =0.3581	KT =0.2016E-01	ASZ =0.6076			
		ASY =0.6071	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =0.7286	IYY =0.5464E-02	IZZ =0.3581	KT =0.2016E-01	ASZ =0.6076			
		ASY =0.6071	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

C1 (Bridge deck - girder with top slab) with BDM\_Phase3  
PROPERTY

BMI21 ELEMENTS									
9	1ST NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
GEOMETRIC STIFFNESS MODIFICATION FACTORS									
	SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
	SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS									
	MF1 =0.3480E+08	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									
41	1ST NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
	2ND NODE	AREA =2.534	IYY =1.935	IZZ =4.866	KT =0.2548E-01	ASZ =1.658			
		ASY =1.736	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00				
GEOMETRIC STIFFNESS MODIFICATION FACTORS									
	SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
	SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					



GEOMETRIC MASS MODIFICATION FACTORS  
MF1 =0.3480E+08 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  
10 1ST NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
2ND NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
MF1 =0.3928E+08 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  
42 1ST NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
2ND NODE AREA =2.667 IYY =2.410 IZZ =4.957 KT =0.2568E-01 ASZ =1.659  
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
MF1 =0.3928E+08 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  
11 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
MF1 =0.4025E+08 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  
43 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

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

GEOMETRIC MASS MODIFICATION FACTORS  
MF1 =0.4025E+08 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										
12	1ST NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.9409E+08	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										
44	1ST NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =1.325	IYY =1.731	IZZ =0.9556	KT =0.2593E-01	ASZ =1.714				
		ASY =1.917	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.9409E+08	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										
13	1ST NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.3828E+08	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										
45	1ST NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.636	IYY =2.407	IZZ =5.023	KT =0.2565E-01	ASZ =1.658				
		ASY =1.816	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
GEOMETRIC STIFFNESS MODIFICATION FACTORS										
		SF1 = 1.000	SF2 = 1.000	SF3 = 1.000	SF4 = 1.000	SF5 = 1.000				
		SF6 = 1.000	SF7 = 1.000	SF8 = 1.000	SF9 = 1.000					
GEOMETRIC MASS MODIFICATION FACTORS										
		MF1 =0.3828E+08	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										
14	1ST NODE	AREA =2.697	IYY =2.449	IZZ =4.951	KT =0.2569E-01	ASZ =1.686				
		ASY =1.840	EZ =0.0000E+00	EY =0.0000E+00	IYZ =0.0000E+00					
	2ND NODE	AREA =2.697	IYY =2.449	IZZ =4.951	KT =0.2569E-01	ASZ =1.686				

ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

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

GEOMETRIC MASS MODIFICATION FACTORS

MF1 =0.4025E+08 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

46 1ST NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00  
2ND NODE AREA =2.697 IYY =2.449 IZZ =4.951 KT =0.2569E-01 ASZ =1.686  
ASY =1.840 EZ =0.0000E+00 EY =0.0000E+00 IYZ =0.0000E+00

GEOMETRIC STIFFNESS MODIFICATION FACTORS

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

GEOMETRIC MASS MODIFICATION FACTORS

MF1 =0.4025E+08 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

georigida  
PROPERTY

BMI21 ELEMENTS

15 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

16 ECCENTRICITY = 0.0000E+00

DATA STORAGE LOCATIONS USED = 1724

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	30	1	16	4
31	36	1	4	6
37	0	0	41	11
38	0	0	3	3
39	0	0	41	11
40	41	1	5	7
42	0	0	1	1
43	0	0	5	7
44	0	0	1	1
45	47	1	5	7
48	0	0	41	11
49	0	0	3	3
50	0	0	41	11
51	56	1	6	8
57	0	0	41	11
58	0	0	3	3
59	0	0	41	11
60	61	1	6	8
62	0	0	2	2
63	0	0	6	8
64	0	0	2	2
65	67	1	6	8
68	0	0	41	11
69	0	0	3	3
70	0	0	41	11
71	0	0	45	19
72	0	0	3	3
73	0	0	45	19
74	79	1	6	8

80	0	0	45	19
81	0	0	3	3
82	0	0	45	19
83	84	1	6	8
85	0	0	2	2
86	0	0	6	8
87	0	0	2	2
88	90	1	6	8
91	0	0	45	19
92	0	0	3	3
93	0	0	45	19
94	99	1	6	8
100	0	0	45	19
101	0	0	3	3
102	0	0	45	19
103	104	1	6	8
105	0	0	2	2
106	0	0	6	8
107	0	0	2	2
108	110	1	6	8
111	0	0	45	19
112	0	0	3	3
113	0	0	45	19
114	119	1	6	8
120	0	0	45	19
121	0	0	3	3
122	0	0	45	19
123	0	0	46	21
124	0	0	3	3
125	0	0	46	21
126	127	1	6	8
128	0	0	2	2
129	0	0	6	8
130	0	0	2	2
131	133	1	6	8
134	0	0	46	21
135	0	0	3	3
136	0	0	46	21
137	142	1	6	8
143	0	0	46	21
144	0	0	3	3
145	0	0	46	21
146	147	1	6	8
148	0	0	2	2
149	0	0	6	8
150	0	0	2	2
151	153	1	6	8
154	0	0	46	21
155	0	0	3	3
156	0	0	46	21
157	162	1	6	8
163	0	0	46	21
164	0	0	3	3
165	0	0	46	21
166	0	0	44	18
167	0	0	3	3
168	0	0	44	18
169	170	1	6	8
171	0	0	2	2
172	0	0	6	8
173	0	0	2	2
174	176	1	6	8
177	0	0	44	18
178	0	0	3	3
179	0	0	44	18
180	185	1	6	8
186	0	0	44	18
187	0	0	3	3
188	0	0	44	18
189	190	1	7	9
191	0	0	1	1
192	0	0	7	9
193	0	0	1	1
194	196	1	7	9
197	0	0	44	18
198	0	0	3	3
199	0	0	44	18
200	205	1	8	10
206	0	0	44	18
207	0	0	3	3
208	0	0	44	18
209	210	1	8	10
211	0	0	2	2
212	0	0	8	10
213	0	0	2	2
214	216	1	8	10
217	0	0	44	18
218	0	0	3	3
219	0	0	44	18
220	0	0	43	15
221	0	0	3	3
222	0	0	43	15
223	228	1	8	10
229	0	0	43	15
230	0	0	3	3
231	0	0	43	15
232	233	1	8	10
234	0	0	2	2
235	0	0	8	10
236	0	0	2	2
237	239	1	8	10
240	0	0	43	15
241	0	0	3	3
242	0	0	43	15
243	248	1	8	10

249	0	0	43	15
250	0	0	3	3
251	0	0	43	15
252	253	1	8	10
254	0	0	2	2
255	0	0	8	10
256	0	0	2	2
257	259	1	8	10
260	0	0	43	15
261	0	0	3	3
262	0	0	43	15
263	268	1	8	10
269	0	0	43	15
270	0	0	3	3
271	0	0	43	15
272	0	0	42	13
273	0	0	3	3
274	0	0	42	13
275	276	1	8	10
277	0	0	2	2
278	0	0	8	10
279	0	0	2	2
280	282	1	8	10
283	0	0	42	13
284	0	0	3	3
285	0	0	42	13
286	291	1	8	10
292	0	0	42	13
293	0	0	3	3
294	0	0	42	13
295	296	1	8	10
297	0	0	2	2
298	0	0	8	10
299	0	0	2	2
300	302	1	8	10
303	0	0	42	13
304	0	0	3	3
305	0	0	42	13
306	311	1	8	10
312	0	0	42	13
313	0	0	3	3
314	0	0	42	13
315	316	1	8	10
317	0	0	2	2
318	0	0	8	10
319	0	0	2	2
320	322	1	8	10
323	0	0	42	13
324	0	0	3	3
325	0	0	42	13
326	0	0	43	15
327	0	0	3	3
328	0	0	43	15
329	334	1	8	10
335	0	0	43	15
336	0	0	3	3
337	0	0	43	15
338	339	1	8	10
340	0	0	2	2
341	0	0	8	10
342	0	0	2	2
343	345	1	8	10
346	0	0	43	15
347	0	0	3	3
348	0	0	43	15
349	354	1	8	10
355	0	0	43	15
356	0	0	3	3
357	0	0	43	15
358	359	1	8	10
360	0	0	2	2
361	0	0	8	10
362	0	0	2	2
363	365	1	8	10
366	0	0	43	15
367	0	0	3	3
368	0	0	43	15
369	374	1	8	10
375	0	0	43	15
376	0	0	3	3
377	0	0	43	15
378	0	0	44	18
379	0	0	3	3
380	0	0	44	18
381	382	1	8	10
383	0	0	2	2
384	0	0	8	10
385	0	0	2	2
386	388	1	8	10
389	0	0	44	18
390	0	0	3	3
391	0	0	44	18
392	397	1	8	10
398	0	0	44	18
399	0	0	3	3
400	0	0	44	18
401	402	1	8	10
403	0	0	1	1
404	0	0	8	10
405	0	0	1	1
406	408	1	8	10
409	0	0	44	18
410	0	0	3	3
411	0	0	44	18
412	417	1	8	10

418	0	0	44	18
419	0	0	3	3
420	0	0	44	18
421	422	1	8	10
423	0	0	2	2
424	0	0	8	10
425	0	0	2	2
426	428	1	8	10
429	0	0	44	18
430	0	0	3	3
431	0	0	44	18
432	0	0	43	15
433	0	0	3	3
434	0	0	43	15
435	440	1	8	10
441	0	0	43	15
442	0	0	3	3
443	0	0	43	15
444	445	1	8	10
446	0	0	2	2
447	0	0	8	10
448	0	0	2	2
449	451	1	8	10
452	0	0	43	15
453	0	0	3	3
454	0	0	43	15
455	460	1	8	10
461	0	0	43	15
462	0	0	3	3
463	0	0	43	15
464	465	1	8	10
466	0	0	2	2
467	0	0	8	10
468	0	0	2	2
469	471	1	8	10
472	0	0	43	15
473	0	0	3	3
474	0	0	43	15
475	480	1	8	10
481	0	0	43	15
482	0	0	3	3
483	0	0	43	15
484	0	0	42	13
485	0	0	3	3
486	0	0	42	13
487	488	1	8	10
489	0	0	2	2
490	0	0	8	10
491	0	0	2	2
492	494	1	8	10
495	0	0	42	13
496	0	0	3	3
497	0	0	42	13
498	503	1	8	10
504	0	0	42	13
505	0	0	3	3
506	0	0	42	13
507	508	1	8	10
509	0	0	2	2
510	0	0	8	10
511	0	0	2	2
512	514	1	8	10
515	0	0	42	13
516	0	0	3	3
517	0	0	42	13
518	523	1	8	10
524	0	0	42	13
525	0	0	3	3
526	0	0	42	13
527	528	1	8	10
529	0	0	2	2
530	0	0	8	10
531	0	0	2	2
532	534	1	8	10
535	0	0	42	13
536	0	0	3	3
537	0	0	42	13
538	0	0	43	15
539	0	0	3	3
540	0	0	43	15
541	546	1	8	10
547	0	0	43	15
548	0	0	3	3
549	0	0	43	15
550	551	1	8	10
552	0	0	2	2
553	0	0	8	10
554	0	0	2	2
555	557	1	8	10
558	0	0	43	15
559	0	0	3	3
560	0	0	43	15
561	566	1	8	10
567	0	0	43	15
568	0	0	3	3
569	0	0	43	15
570	571	1	8	10
572	0	0	2	2
573	0	0	8	10
574	0	0	2	2
575	577	1	8	10
578	0	0	43	15
579	0	0	3	3
580	0	0	43	15
581	586	1	8	10

587	0	0	43	15
588	0	0	3	3
589	0	0	43	15
590	0	0	44	18
591	0	0	3	3
592	0	0	44	18
593	594	1	8	10
595	0	0	2	2
596	0	0	8	10
597	0	0	2	2
598	600	1	8	10
601	0	0	44	18
602	0	0	3	3
603	0	0	44	18
604	609	1	8	10
610	0	0	44	18
611	0	0	3	3
612	0	0	44	18
613	614	1	8	10
615	0	0	1	1
616	0	0	8	10
617	0	0	1	1
618	620	1	8	10
621	0	0	44	18
622	0	0	3	3
623	0	0	44	18
624	629	1	8	10
630	0	0	44	18
631	0	0	3	3
632	0	0	44	18
633	634	1	8	10
635	0	0	2	2
636	0	0	8	10
637	0	0	2	2
638	640	1	8	10
641	0	0	44	18
642	0	0	3	3
643	0	0	44	18
644	0	0	43	15
645	0	0	3	3
646	0	0	43	15
647	652	1	8	10
653	0	0	43	15
654	0	0	3	3
655	0	0	43	15
656	657	1	8	10
658	0	0	2	2
659	0	0	8	10
660	0	0	2	2
661	663	1	8	10
664	0	0	43	15
665	0	0	3	3
666	0	0	43	15
667	672	1	8	10
673	0	0	43	15
674	0	0	3	3
675	0	0	43	15
676	677	1	8	10
678	0	0	2	2
679	0	0	8	10
680	0	0	2	2
681	683	1	8	10
684	0	0	43	15
685	0	0	3	3
686	0	0	43	15
687	692	1	8	10
693	0	0	43	15
694	0	0	3	3
695	0	0	43	15
696	0	0	42	13
697	0	0	3	3
698	0	0	42	13
699	700	1	8	10
701	0	0	2	2
702	0	0	8	10
703	0	0	2	2
704	706	1	8	10
707	0	0	42	13
708	0	0	3	3
709	0	0	42	13
710	715	1	8	10
716	0	0	42	13
717	0	0	3	3
718	0	0	42	13
719	720	1	8	10
721	0	0	2	2
722	0	0	8	10
723	0	0	2	2
724	726	1	8	10
727	0	0	42	13
728	0	0	3	3
729	0	0	42	13
730	735	1	8	10
736	0	0	42	13
737	0	0	3	3
738	0	0	42	13
739	740	1	8	10
741	0	0	2	2
742	0	0	8	10
743	0	0	2	2
744	746	1	8	10
747	0	0	42	13
748	0	0	3	3
749	0	0	42	13
750	0	0	43	15

751	0	0	3	3
752	0	0	43	15
753	758	1	8	10
759	0	0	43	15
760	0	0	3	3
761	0	0	43	15
762	763	1	8	10
764	0	0	2	2
765	0	0	8	10
766	0	0	2	2
767	769	1	8	10
770	0	0	43	15
771	0	0	3	3
772	0	0	43	15
773	778	1	8	10
779	0	0	43	15
780	0	0	3	3
781	0	0	43	15
782	783	1	8	10
784	0	0	2	2
785	0	0	8	10
786	0	0	2	2
787	789	1	8	10
790	0	0	43	15
791	0	0	3	3
792	0	0	43	15
793	798	1	8	10
799	0	0	43	15
800	0	0	3	3
801	0	0	43	15
802	0	0	44	18
803	0	0	3	3
804	0	0	44	18
805	806	1	8	10
807	0	0	2	2
808	0	0	8	10
809	0	0	2	2
810	812	1	8	10
813	0	0	44	18
814	0	0	3	3
815	0	0	44	18
816	821	1	8	10
822	0	0	44	18
823	0	0	3	3
824	0	0	44	18
825	826	1	8	10
827	0	0	1	1
828	0	0	8	10
829	0	0	1	1
830	832	1	8	10
833	0	0	44	18
834	0	0	3	3
835	0	0	44	18
836	841	1	8	10
842	0	0	44	18
843	0	0	3	3
844	0	0	44	18
845	846	1	8	10
847	0	0	2	2
848	0	0	8	10
849	0	0	2	2
850	852	1	8	10
853	0	0	44	18
854	0	0	3	3
855	0	0	44	18
856	0	0	43	15
857	0	0	3	3
858	0	0	43	15
859	864	1	8	10
865	0	0	43	15
866	0	0	3	3
867	0	0	43	15
868	869	1	8	10
870	0	0	2	2
871	0	0	8	10
872	0	0	2	2
873	875	1	8	10
876	0	0	43	15
877	0	0	3	3
878	0	0	43	15
879	884	1	8	10
885	0	0	43	15
886	0	0	3	3
887	0	0	43	15
888	889	1	8	10
890	0	0	2	2
891	0	0	8	10
892	0	0	2	2
893	895	1	8	10
896	0	0	43	15
897	0	0	3	3
898	0	0	43	15
899	904	1	8	10
905	0	0	43	15
906	0	0	3	3
907	0	0	43	15
908	0	0	42	13
909	0	0	3	3
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911	912	1	8	10
913	0	0	2	2
914	0	0	8	10
915	0	0	2	2
916	918	1	8	10
919	0	0	42	13



920	0	0	3	3
921	0	0	42	13
922	927	1	8	10
928	0	0	42	13
929	0	0	3	3
930	0	0	42	13
931	932	1	8	10
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935	0	0	2	2
936	938	1	8	10
939	0	0	42	13
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956	958	1	8	10
959	0	0	42	13
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999	1001	1	8	10
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1003	0	0	3	3
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1005	1010	1	8	10
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1012	0	0	3	3
1013	0	0	43	15
1014	0	0	44	18
1015	0	0	3	3
1016	0	0	44	18
1017	1018	1	8	10
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1252	0	0	8	10
1253	0	0	1	1
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1257	0	0	44	18

1258	0	0	3	3
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1266	0	0	44	18
1267	0	0	3	3
1268	0	0	44	18
1269	1270	1	8	10
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1309	0	0	43	15
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1458	0	0	44	18
1459	0	0	3	3
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1466	1468	1	8	10
1469	0	0	44	18
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1471	0	0	44	18
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1589	0	0	42	13
1590	1591	1	8	10
1592	0	0	2	2
1593	0	0	8	10
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1598	0	0	42	13
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1686	0	0	1	1
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1690	0	0	44	18
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1715	0	0	46	21
1716	1721	1	6	8
1722	0	0	46	21
1723	0	0	3	3
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1725	1726	1	6	8
1727	0	0	2	2
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1754	0	0	3	3
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1756	0	0	45	19
1757	0	0	3	3
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1767	0	0	45	19
1768	1769	1	6	8
1770	0	0	2	2
1771	0	0	6	8
1772	0	0	2	2
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1790	0	0	2	2
1791	0	0	6	8
1792	0	0	2	2
1793	1795	1	6	8
1796	0	0	45	19
1797	0	0	3	3
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1799	0	0	41	11
1800	0	0	3	3
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1802	1807	1	6	8
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1830	0	0	41	11
1831	1832	1	5	7
1833	0	0	1	1
1834	0	0	5	7
1835	0	0	1	1
1836	1838	1	5	7
1839	0	0	41	11
1840	0	0	3	3
1841	0	0	41	11
1842	1847	1	4	6
1848	1932	1	15	23
1933	2017	1	16	4

TOTAL NUMBER OF GEOMETRIC ASSIGNMENT SETS = 1132  
TOTAL NUMBER OF ELEMENTS = 2017  
LARGEST ELEMENT NUMBER = 2017  
LARGEST GEOMETRIC ASSIGNMENT SET NUMBER = 46  
DATA STORAGE LOCATIONS USED = 6051

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

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

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

MATERIAL

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







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0	0	107	0	0	0	2	0	0	0	0	1	0	0
0	0	108	0	110	1	4	0	0	0	0	22	0	0
0	0	111	0	0	0	1	0	0	0	0	5	0	0
0	0	112	0	0	0	2	0	0	0	0	1	0	0
0	0	113	0	0	0	1	0	0	0	0	5	0	0
0	0	114	0	119	1	4	0	0	0	0	22	0	0
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0	0	121	0	0	0	2	0	0	0	0	1	0	0
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0	0	1658	0	1659	1	1	0	0	0	0	5	0	0
0	0	1660	0	0	0	2	0	0	0	0	1	0	0
0	0	1661	0	0	0	1	0	0	0	0	5	0	0
0	0	1662	0	1663	1	4	0	0	0	0	22	0	0
0	0	1664	0	0	0	2	0	0	0	0	1	0	0
0	0	1665	0	0	0	4	0	0	0	0	22	0	0
0	0	1666	0	0	0	2	0	0	0	0	1	0	0
0	0	1667	0	1669	1	4	0	0	0	0	22	0	0
0	0	1670	0	0	0	1	0	0	0	0	5	0	0
0	0	1671	0	0	0	2	0	0	0	0	1	0	0
0	0	1672	0	0	0	1	0	0	0	0	5	0	0
0	0	1673	0	1678	1	4	0	0	0	0	22	0	0
0	0	1679	0	0	0	1	0	0	0	0	5	0	0
0	0	1680	0	0	0	2	0	0	0	0	1	0	0
0	0	1681	0	0	0	1	0	0	0	0	5	0	0
0	0	1682	0	1683	1	4	0	0	0	0	22	0	0
0	0	1684	0	0	0	2	0	0	0	0	1	0	0
0	0	1685	0	0	0	4	0	0	0	0	22	0	0
0	0	1686	0	0	0	2	0	0	0	0	1	0	0
0	0	1687	0	1689	1	4	0	0	0	0	22	0	0
0	0	1690	0	0	0	1	0	0	0	0	5	0	0
0	0	1691	0	0	0	2	0	0	0	0	1	0	0
0	0	1692	0	0	0	1	0	0	0	0	5	0	0
0	0	1693	0	1698	1	4	0	0	0	0	22	0	0
0	0	1699	0	0	0	1	0	0	0	0	5	0	0
0	0	1700	0	0	0	2	0	0	0	0	1	0	0
0	0	1701	0	0	0	1	0	0	0	0	5	0	0
0	0	1702	0	1703	1	4	0	0	0	0	22	0	0
0	0	1704	0	0	0	2	0	0	0	0	1	0	0
0	0	1705	0	0	0	4	0	0	0	0	22	0	0
0	0	1706	0	0	0	2	0	0	0	0	1	0	0
0	0	1707	0	1709	1	4	0	0	0	0	22	0	0
0	0	1710	0	0	0	1	0	0	0	0	5	0	0
0	0	1711	0	0	0	2	0	0	0	0	1	0	0
0	0	1712	0	1713	1	1	0	0	0	0	5	0	0
0	0	1714	0	0	0	2	0	0	0	0	1	0	0
0	0	1715	0	0	0	1	0	0	0	0	5	0	0
0	0	1716	0	1721	1	4	0	0	0	0	22	0	0
0	0	1722	0	0	0	1	0	0	0	0	5	0	0
0	0	1723	0	0	0	2	0	0	0	0	1	0	0
0	0	1724	0	0	0	1	0	0	0	0	5	0	0
0	0	1725	0	1726	1	4	0	0	0	0	22	0	0
0	0	1727	0	0	0	2	0	0	0	0	1	0	0
0	0	1728	0	0	0	4	0	0	0	0	22	0	0
0	0	1729	0	0	0	2	0	0	0	0	1	0	0
0	0	1730	0	1732	1	4	0	0	0	0	22	0	0
0	0	1733	0	0	0	1	0	0	0	0	5	0	0
0	0	1734	0	0	0	2	0	0	0	0	1	0	0
0	0	1735	0	0	0	1	0	0	0	0	5	0	0
0	0	1736	0	1741	1	4	0	0	0	0	22	0	0

0	0	1742	0	0	0	1	0	0	0	0	5	0	0
0	0	1743	0	0	0	2	0	0	0	0	1	0	0
0	0	1744	0	0	0	1	0	0	0	0	5	0	0
0	0	1745	0	1746	1	4	0	0	0	0	22	0	0
0	0	1747	0	0	0	2	0	0	0	0	1	0	0
0	0	1748	0	0	0	4	0	0	0	0	22	0	0
0	0	1749	0	0	0	2	0	0	0	0	1	0	0
0	0	1750	0	1752	1	4	0	0	0	0	22	0	0
0	0	1753	0	0	0	1	0	0	0	0	5	0	0
0	0	1754	0	0	0	2	0	0	0	0	1	0	0
0	0	1755	0	1756	1	1	0	0	0	0	5	0	0
0	0	1757	0	0	0	2	0	0	0	0	1	0	0
0	0	1758	0	0	0	1	0	0	0	0	5	0	0
0	0	1759	0	1764	1	4	0	0	0	0	22	0	0
0	0	1765	0	0	0	1	0	0	0	0	5	0	0
0	0	1766	0	0	0	2	0	0	0	0	1	0	0
0	0	1767	0	0	0	1	0	0	0	0	5	0	0
0	0	1768	0	1769	1	4	0	0	0	0	22	0	0
0	0	1770	0	0	0	2	0	0	0	0	1	0	0
0	0	1771	0	0	0	4	0	0	0	0	22	0	0
0	0	1772	0	0	0	2	0	0	0	0	1	0	0
0	0	1773	0	1775	1	4	0	0	0	0	22	0	0
0	0	1776	0	0	0	1	0	0	0	0	5	0	0
0	0	1777	0	0	0	2	0	0	0	0	1	0	0
0	0	1778	0	0	0	1	0	0	0	0	5	0	0
0	0	1779	0	1784	1	4	0	0	0	0	22	0	0
0	0	1785	0	0	0	1	0	0	0	0	5	0	0
0	0	1786	0	0	0	2	0	0	0	0	1	0	0
0	0	1787	0	0	0	1	0	0	0	0	5	0	0
0	0	1788	0	1789	1	4	0	0	0	0	22	0	0
0	0	1790	0	0	0	2	0	0	0	0	1	0	0
0	0	1791	0	0	0	4	0	0	0	0	22	0	0
0	0	1792	0	0	0	2	0	0	0	0	1	0	0
0	0	1793	0	1795	1	4	0	0	0	0	22	0	0
0	0	1796	0	0	0	1	0	0	0	0	5	0	0
0	0	1797	0	0	0	2	0	0	0	0	1	0	0
0	0	1798	0	1799	1	1	0	0	0	0	5	0	0
0	0	1800	0	0	0	2	0	0	0	0	1	0	0
0	0	1801	0	0	0	1	0	0	0	0	5	0	0
0	0	1802	0	1807	1	4	0	0	0	0	22	0	0
0	0	1808	0	0	0	1	0	0	0	0	5	0	0
0	0	1809	0	0	0	2	0	0	0	0	1	0	0
0	0	1810	0	0	0	1	0	0	0	0	5	0	0
0	0	1811	0	1812	1	4	0	0	0	0	22	0	0
0	0	1813	0	0	0	2	0	0	0	0	1	0	0
0	0	1814	0	0	0	4	0	0	0	0	22	0	0
0	0	1815	0	0	0	2	0	0	0	0	1	0	0
0	0	1816	0	1818	1	4	0	0	0	0	22	0	0
0	0	1819	0	0	0	1	0	0	0	0	5	0	0
0	0	1820	0	0	0	2	0	0	0	0	1	0	0
0	0	1821	0	0	0	1	0	0	0	0	5	0	0
0	0	1822	0	1827	1	4	0	0	0	0	22	0	0

0	0	1828	0	0	0	1	0	0	0	0	5	0	0
0	0	1829	0	0	0	2	0	0	0	0	1	0	0
0	0	1830	0	0	0	1	0	0	0	0	5	0	0
0	0	1831	0	1832	1	4	0	0	0	0	22	0	0
0	0	1833	0	0	0	2	0	0	0	0	1	0	0
0	0	1834	0	0	0	4	0	0	0	0	22	0	0
0	0	1835	0	0	0	2	0	0	0	0	1	0	0
0	0	1836	0	1838	1	4	0	0	0	0	22	0	0
0	0	1839	0	0	0	1	0	0	0	0	5	0	0
0	0	1840	0	0	0	2	0	0	0	0	1	0	0
0	0	1841	0	0	0	1	0	0	0	0	5	0	0
0	0	1842	0	1847	1	4	0	0	0	0	22	0	0
0	0	1848	0	1932	1	3	0	0	0	0	6	0	0
0	0	1933	0	2017	1	8	0	0	0	0	23	0	0
0	0		0										

TOTAL NUMBER OF MATERIAL ASSIGNMENT SETS = 1120

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
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
2	0	0	W	1.00000
10193	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2	0	0	THX	1.00000
10193	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
2	0	0	THY	1.00000
10193	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
2	0	0	THZ	1.00000
10193	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
10193	0	0	W	-1.00000
10194	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 1 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10193	0	0	THX	-1.00000
10194	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	
10193	0	0	THY	-1.00000
10194	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	
10193	0	0	THZ	-1.00000
10194	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	
2	0	0	U	0.666667
10193	0	0	U	-0.666667
10193	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2	0	0	V	0.666667
10193	0	0	V	-0.666667
10193	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10193	0	0	U	-1.00000
10193	0	0	THY	-1.00000
10194	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 1 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10193	0	0	V	-1.00000
10193	0	0	THX	1.00000
10194	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	
5	0	0	W	1.00000
10209	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
5	0	0	THX	1.00000
10209	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	
5	0	0	THY	1.00000
10209	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	
5	0	0	THZ	1.00000
10209	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	
10209	0	0	W	-1.00000
10210	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 3 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
10209	0	0	THX	-1.00000

10210 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  
10209 0 0 THY -1.00000  
10210 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  
10209 0 0 THZ -1.00000  
10210 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  
5 0 0 U 0.666667  
10209 0 0 U -0.666667  
10209 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
5 0 0 V 0.666667  
10209 0 0 V -0.666667  
10209 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10209 0 0 U -1.00000  
10209 0 0 THY -1.00000  
10210 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 3 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10209 0 0 V -1.00000  
10209 0 0 THX 1.00000  
10210 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10228 0 0 W -1.00000  
10229 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10228 0 0 THX -1.00000  
10229 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  
10228 0 0 THY -1.00000  
10229 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  
10228 0 0 THZ -1.00000  
10229 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 4 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10228 0 0 U -1.00000  
10228 0 0 THY -1.00000  
10229 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 4 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10228	0	0	V	-1.00000
10228	0	0	THX	1.00000
10229	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
10240	0	0	W	-1.00000
10241	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10240	0	0	THX	-1.00000
10241	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
10240	0	0	THY	-1.00000
10241	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
10240	0	0	THZ	-1.00000
10241	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
10240	0	0	U	-1.00000
10240	0	0	THY	-1.00000
10241	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 6 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10240	0	0	V	-1.00000
10240	0	0	THX	1.00000
10241	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
10265	0	0	W	-1.00000
10266	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10265	0	0	THX	-1.00000
10266	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
10265	0	0	THY	-1.00000
10266	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
10265	0	0	THZ	-1.00000
10266	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
10265	0	0	U	-1.00000
10265	0	0	THY	-1.00000
10266	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 7 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10265	0	0	V	-1.00000
10265	0	0	THX	1.00000
10266	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	W	-1.00000
10278	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THX	-1.00000
10278	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THY	-1.00000
10278	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	THZ	-1.00000
10278	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	U	-1.00000
10277	0	0	THY	-1.00000
10278	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 9 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10277	0	0	V	-1.00000
10277	0	0	THX	1.00000
10278	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	W	-1.00000
10297	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	THX	-1.00000
10297	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	THY	-1.00000
10297	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	THZ	-1.00000
10297	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	U	-1.00000
10296	0	0	THY	-1.00000
10297	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 10 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10296	0	0	V	-1.00000
10296	0	0	THX	1.00000
10297	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	W	-1.00000
10309	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THX	-1.00000
10309	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THY	-1.00000
10309	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	THZ	-1.00000
10309	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	U	-1.00000
10308	0	0	THY	-1.00000
10309	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 12 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10308	0	0	V	-1.00000
10308	0	0	THX	1.00000
10309	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	W	-1.00000
10334	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10333	0	0	THX	-1.00000
10334	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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10333 0 0 THY -1.00000  
10334 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10333 0 0 THZ -1.00000  
10334 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 13 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10333 0 0 U -1.00000  
10333 0 0 THY -1.00000  
10334 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 13 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10333 0 0 V -1.00000  
10333 0 0 THX 1.00000  
10334 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 W -1.00000  
10346 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 THX -1.00000  
10346 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 THY -1.00000  
10346 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 THZ -1.00000  
10346 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 U -1.00000  
10345 0 0 THY -1.00000  
10346 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 15 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10345 0 0 V -1.00000  
10345 0 0 THX 1.00000  
10346 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 16 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10364 0 0 W -1.00000  
10365 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
10364 0 0 THX -1.00000  
10365 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THY	-1.00000
10365	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	THZ	-1.00000
10365	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	U	-1.00000
10364	0	0	THY	-1.00000
10365	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 16 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10364	0	0	V	-1.00000
10364	0	0	THX	1.00000
10365	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	W	-1.00000
10377	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THX	-1.00000
10377	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THY	-1.00000
10377	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	THZ	-1.00000
10377	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	U	-1.00000
10376	0	0	THY	-1.00000
10377	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 18 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10376	0	0	V	-1.00000
10376	0	0	THX	1.00000
10377	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	W	-1.00000
10402	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THX	-1.00000
10402	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THY	-1.00000
10402	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	THZ	-1.00000
10402	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	U	-1.00000
10401	0	0	THY	-1.00000
10402	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 19 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10401	0	0	V	-1.00000
10401	0	0	THX	1.00000
10402	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	W	-1.00000
10414	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THX	-1.00000
10414	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THY	-1.00000
10414	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	THZ	-1.00000
10414	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	U	-1.00000
10413	0	0	THY	-1.00000
10414	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 21 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10413	0	0	V	-1.00000
10413	0	0	THX	1.00000
10414	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	W	1.00000
10434	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THX	1.00000
10434	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THY	1.00000
10434	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	THZ	1.00000
10434	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	W	-1.00000
10435	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THX	-1.00000
10435	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THY	-1.00000
10435	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	THZ	-1.00000
10435	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	U	0.666667
10434	0	0	U	-0.666667
10434	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
7	0	0	V	0.666667
10434	0	0	V	-0.666667
10434	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10434	0	0	U	-1.00000
10434	0	0	THY	-1.00000
10435	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 22 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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10434	0	0	V	-1.00000
10434	0	0	THX	1.00000
10435	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	W	1.00000
10450	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	THX	1.00000
10450	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	THY	1.00000
10450	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	THZ	1.00000
10450	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	W	-1.00000
10451	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	THX	-1.00000
10451	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	THY	-1.00000
10451	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	THZ	-1.00000
10451	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	U	0.666667
10450	0	0	U	-0.666667
10450	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
11	0	0	V	0.666667
10450	0	0	V	-0.666667
10450	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	U	-1.00000
10450	0	0	THY	-1.00000
10451	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 24 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
10450	0	0	V	-1.00000
10450	0	0	THX	1.00000
10451	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	W	-1.00000
302	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THX	-1.00000
302	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THY	-1.00000
302	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	THZ	-1.00000
302	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	U	-1.00000
301	0	0	THY	-1.00000
302	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 25 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
301	0	0	V	-1.00000
301	0	0	THX	1.00000
302	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	W	-1.00000
314	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THX	-1.00000
314	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THY	-1.00000
314	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	THZ	-1.00000
314	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	U	-1.00000
313	0	0	THY	-1.00000
314	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 27 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
313	0	0	V	-1.00000
313	0	0	THX	1.00000
314	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	W	-1.00000
339	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THX	-1.00000
339	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THY	-1.00000
339	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	THZ	-1.00000
339	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	U	-1.00000
338	0	0	THY	-1.00000
339	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 28 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
338	0	0	V	-1.00000
338	0	0	THX	1.00000
339	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	W	-1.00000
351	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THX	-1.00000
351	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THY	-1.00000
351	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	THZ	-1.00000
351	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	U	-1.00000
350	0	0	THY	-1.00000
351	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 30 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
350	0	0	V	-1.00000
350	0	0	THX	1.00000
351	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	W	-1.00000
370	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THX	-1.00000
370	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THY	-1.00000
370	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	THZ	-1.00000
370	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	U	-1.00000
369	0	0	THY	-1.00000
370	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 31 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
369	0	0	V	-1.00000
369	0	0	THX	1.00000
370	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	W	-1.00000
382	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THX	-1.00000
382	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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381	0	0	THY	-1.00000
382	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	THZ	-1.00000
382	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	U	-1.00000
381	0	0	THY	-1.00000
382	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 33 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
381	0	0	V	-1.00000
381	0	0	THX	1.00000
382	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	W	-1.00000
407	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THX	-1.00000
407	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THY	-1.00000
407	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	THZ	-1.00000
407	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	U	-1.00000
406	0	0	THY	-1.00000
407	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 34 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
406	0	0	V	-1.00000
406	0	0	THX	1.00000
407	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	W	-1.00000
419	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THX	-1.00000
419	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THY	-1.00000
419	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	THZ	-1.00000
419	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	U	-1.00000
418	0	0	THY	-1.00000
419	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 36 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
418	0	0	V	-1.00000
418	0	0	THX	1.00000
419	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	W	-1.00000
438	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THX	-1.00000
438	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THY	-1.00000
438	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	THZ	-1.00000
438	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	U	-1.00000
437	0	0	THY	-1.00000
438	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 37 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
437	0	0	V	-1.00000
437	0	0	THX	1.00000
438	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	W	-1.00000
450	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THX	-1.00000
450	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THY	-1.00000
450	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	THZ	-1.00000
450	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	U	-1.00000
449	0	0	THY	-1.00000
450	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 39 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
449	0	0	V	-1.00000
449	0	0	THX	1.00000
450	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	W	-1.00000
469	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THX	-1.00000
469	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THY	-1.00000
469	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	THZ	-1.00000
469	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	U	-1.00000
468	0	0	THY	-1.00000
469	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 40 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
468	0	0	V	-1.00000
468	0	0	THX	1.00000
469	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	W	-1.00000
481	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THX	-1.00000
481	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THY	-1.00000
481	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	THZ	-1.00000
481	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	U	-1.00000
480	0	0	THY	-1.00000
481	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 42 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
480	0	0	V	-1.00000
480	0	0	THX	1.00000
481	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	W	-1.00000
506	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	THX	-1.00000
506	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	THY	-1.00000
506	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	THZ	-1.00000
506	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
505	0	0	U	-1.00000
505	0	0	THY	-1.00000
506	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 43 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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505	0	0	V	-1.00000
505	0	0	THX	1.00000
506	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	W	-1.00000
518	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	THX	-1.00000
518	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	THY	-1.00000
518	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	THZ	-1.00000
518	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	U	-1.00000
517	0	0	THY	-1.00000
518	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 45 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
517	0	0	V	-1.00000
517	0	0	THX	1.00000
518	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	W	-1.00000
537	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THX	-1.00000
537	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THY	-1.00000
537	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	THZ	-1.00000
537	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	U	-1.00000
536	0	0	THY	-1.00000
537	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 46 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
536	0	0	V	-1.00000
536	0	0	THX	1.00000
537	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	W	-1.00000
549	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THX	-1.00000
549	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THY	-1.00000
549	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	THZ	-1.00000
549	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	U	-1.00000
548	0	0	THY	-1.00000
549	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 48 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
548	0	0	V	-1.00000
548	0	0	THX	1.00000
549	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	W	-1.00000
574	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THX	-1.00000
574	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THY	-1.00000
574	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	THZ	-1.00000
574	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	U	-1.00000
573	0	0	THY	-1.00000
574	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 49 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
573	0	0	V	-1.00000
573	0	0	THX	1.00000
574	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	W	-1.00000
586	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THX	-1.00000
586	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THY	-1.00000
586	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	THZ	-1.00000
586	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	U	-1.00000
585	0	0	THY	-1.00000
586	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 51 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
585	0	0	V	-1.00000
585	0	0	THX	1.00000
586	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	W	1.00000
606	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	THX	1.00000
606	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	THY	1.00000
606	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	THZ	1.00000
606	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	W	-1.00000
607	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THX	-1.00000
607	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THY	-1.00000
607	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	THZ	-1.00000
607	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	U	0.666667
606	0	0	U	-0.666667
606	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
14	0	0	V	0.666667
606	0	0	V	-0.666667
606	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	U	-1.00000
606	0	0	THY	-1.00000
607	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 52 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
606	0	0	V	-1.00000
606	0	0	THX	1.00000
607	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	W	1.00000
622	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
17	0	0	THX	1.00000
622	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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17 0 0 THY 1.00000  
622 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
17 0 0 THZ 1.00000  
622 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
622 0 0 W -1.00000  
623 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
622 0 0 THX -1.00000  
623 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
622 0 0 THY -1.00000  
623 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
622 0 0 THZ -1.00000  
623 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 54 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
17 0 0 U 0.666667  
622 0 0 U -0.666667  
622 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
17 0 0 V 0.666667  
622 0 0 V -0.666667  
622 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
622 0 0 U -1.00000  
622 0 0 THY -1.00000  
623 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 54 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
622 0 0 V -1.00000  
622 0 0 THX 1.00000  
623 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 55 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
641 0 0 W -1.00000  
642 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
641 0 0 THX -1.00000  
642 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THY	-1.00000
642	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	THZ	-1.00000
642	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	U	-1.00000
641	0	0	THY	-1.00000
642	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 55 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
641	0	0	V	-1.00000
641	0	0	THX	1.00000
642	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	W	-1.00000
654	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THX	-1.00000
654	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THY	-1.00000
654	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	THZ	-1.00000
654	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	U	-1.00000
653	0	0	THY	-1.00000
654	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 57 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
653	0	0	V	-1.00000
653	0	0	THX	1.00000
654	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	W	-1.00000
679	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THX	-1.00000
679	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THY	-1.00000
679	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	THZ	-1.00000
679	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	U	-1.00000
678	0	0	THY	-1.00000
679	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 58 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
678	0	0	V	-1.00000
678	0	0	THX	1.00000
679	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	W	-1.00000
691	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THX	-1.00000
691	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THY	-1.00000
691	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	THZ	-1.00000
691	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	U	-1.00000
690	0	0	THY	-1.00000
691	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 60 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
690	0	0	V	-1.00000
690	0	0	THX	1.00000
691	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	W	-1.00000
710	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THX	-1.00000
710	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THY	-1.00000
710	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	THZ	-1.00000
710	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	U	-1.00000
709	0	0	THY	-1.00000
710	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 61 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
709	0	0	V	-1.00000
709	0	0	THX	1.00000
710	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	W	-1.00000
722	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THX	-1.00000
722	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THY	-1.00000
722	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	THZ	-1.00000
722	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
721	0	0	U	-1.00000
721	0	0	THY	-1.00000
722	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 63 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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721	0	0	V	-1.00000
721	0	0	THX	1.00000
722	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	W	-1.00000
747	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	THX	-1.00000
747	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	THY	-1.00000
747	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	THZ	-1.00000
747	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	U	-1.00000
746	0	0	THY	-1.00000
747	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 64 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
746	0	0	V	-1.00000
746	0	0	THX	1.00000
747	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	W	-1.00000
759	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THX	-1.00000
759	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THY	-1.00000
759	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	THZ	-1.00000
759	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	U	-1.00000
758	0	0	THY	-1.00000
759	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 66 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
758	0	0	V	-1.00000
758	0	0	THX	1.00000
759	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	W	-1.00000
778	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THX	-1.00000
778	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THY	-1.00000
778	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	THZ	-1.00000
778	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	U	-1.00000
777	0	0	THY	-1.00000
778	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 67 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
777	0	0	V	-1.00000
777	0	0	THX	1.00000
778	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	W	-1.00000
790	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THX	-1.00000
790	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THY	-1.00000
790	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	THZ	-1.00000
790	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	U	-1.00000
789	0	0	THY	-1.00000
790	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 69 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
789	0	0	V	-1.00000
789	0	0	THX	1.00000
790	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	W	-1.00000
809	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THX	-1.00000
809	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THY	-1.00000
809	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	THZ	-1.00000
809	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	U	-1.00000
808	0	0	THY	-1.00000
809	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 70 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
808	0	0	V	-1.00000
808	0	0	THX	1.00000
809	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	W	-1.00000
821	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THX	-1.00000
821	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THY	-1.00000
821	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	THZ	-1.00000
821	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	U	-1.00000
820	0	0	THY	-1.00000
821	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 72 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
820	0	0	V	-1.00000
820	0	0	THX	1.00000
821	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	W	-1.00000
846	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THX	-1.00000
846	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THY	-1.00000
846	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	THZ	-1.00000
846	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	U	-1.00000
845	0	0	THY	-1.00000
846	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 73 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
845	0	0	V	-1.00000
845	0	0	THX	1.00000
846	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	W	-1.00000
858	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THX	-1.00000
858	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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857 0 0 THY -1.00000  
858 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	THZ	-1.00000
858	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	U	-1.00000
857	0	0	THY	-1.00000
858	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 75 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
857	0	0	V	-1.00000
857	0	0	THX	1.00000
858	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	W	-1.00000
877	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THX	-1.00000
877	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THY	-1.00000
877	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	THZ	-1.00000
877	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	U	-1.00000
876	0	0	THY	-1.00000
877	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 76 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
876	0	0	V	-1.00000
876	0	0	THX	1.00000
877	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	W	-1.00000
889	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THX	-1.00000
889	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THY	-1.00000
889	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	THZ	-1.00000
889	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	U	-1.00000
888	0	0	THY	-1.00000
889	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 78 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
888	0	0	V	-1.00000
888	0	0	THX	1.00000
889	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	W	-1.00000
914	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THX	-1.00000
914	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THY	-1.00000
914	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	THZ	-1.00000
914	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	U	-1.00000
913	0	0	THY	-1.00000
914	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 79 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
913	0	0	V	-1.00000
913	0	0	THX	1.00000
914	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	W	-1.00000
926	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THX	-1.00000
926	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THY	-1.00000
926	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	THZ	-1.00000
926	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	U	-1.00000
925	0	0	THY	-1.00000
926	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 81 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
925	0	0	V	-1.00000
925	0	0	THX	1.00000
926	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	W	1.00000
946	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THX	1.00000
946	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THY	1.00000
946	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
20	0	0	THZ	1.00000
946	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	W	-1.00000
947	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
946	0	0	THX	-1.00000
947	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
946	0	0	THY	-1.00000
947	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
946	0	0	THZ	-1.00000
947	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 82 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
20	0	0	U	0.666667
946	0	0	U	-0.666667
946	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
20	0	0	V	0.666667
946	0	0	V	-0.666667
946	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
946	0	0	U	-1.00000
946	0	0	THY	-1.00000
947	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 82 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
946	0	0	V	-1.00000
946	0	0	THX	1.00000
947	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
23	0	0	W	1.00000
962	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
23	0	0	THX	1.00000
962	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
23	0	0	THY	1.00000
962	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
23	0	0	THZ	1.00000
962	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
962	0	0	W	-1.00000
963	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
962	0	0	THX	-1.00000

963 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
962 0 0 THY -1.00000  
963 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
962 0 0 THZ -1.00000  
963 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 84 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
23 0 0 U 0.666667  
962 0 0 U -0.666667  
962 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
23 0 0 V 0.666667  
962 0 0 V -0.666667  
962 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
962 0 0 U -1.00000  
962 0 0 THY -1.00000  
963 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 84 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
962 0 0 V -1.00000  
962 0 0 THX 1.00000  
963 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 85 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
981 0 0 W -1.00000  
982 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
981 0 0 THX -1.00000  
982 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
981 0 0 THY -1.00000  
982 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
981 0 0 THZ -1.00000  
982 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 85 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
981 0 0 U -1.00000  
981 0 0 THY -1.00000  
982 0 0 U 1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 85 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
981	0	0	V	-1.00000
981	0	0	THX	1.00000
982	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	W	-1.00000
994	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THX	-1.00000
994	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THY	-1.00000
994	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	THZ	-1.00000
994	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	U	-1.00000
993	0	0	THY	-1.00000
994	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 87 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
993	0	0	V	-1.00000
993	0	0	THX	1.00000
994	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	W	-1.00000
1019	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THX	-1.00000
1019	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THY	-1.00000
1019	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	THZ	-1.00000
1019	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	U	-1.00000
1018	0	0	THY	-1.00000
1019	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 88 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1018	0	0	V	-1.00000
1018	0	0	THX	1.00000
1019	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	W	-1.00000
1031	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THX	-1.00000
1031	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THY	-1.00000
1031	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	THZ	-1.00000
1031	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	U	-1.00000
1030	0	0	THY	-1.00000
1031	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 90 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1030	0	0	V	-1.00000
1030	0	0	THX	1.00000
1031	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	W	-1.00000
1050	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THX	-1.00000
1050	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THY	-1.00000
1050	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	THZ	-1.00000
1050	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	U	-1.00000
1049	0	0	THY	-1.00000
1050	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 91 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1049	0	0	V	-1.00000
1049	0	0	THX	1.00000
1050	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	W	-1.00000
1062	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THX	-1.00000
1062	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THY	-1.00000
1062	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	THZ	-1.00000
1062	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	U	-1.00000
1061	0	0	THY	-1.00000
1062	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 93 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1061	0	0	V	-1.00000
1061	0	0	THX	1.00000
1062	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	W	-1.00000
1087	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THX	-1.00000
1087	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1086 0 0 THY -1.00000  
1087 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	THZ	-1.00000
1087	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	U	-1.00000
1086	0	0	THY	-1.00000
1087	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 94 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1086	0	0	V	-1.00000
1086	0	0	THX	1.00000
1087	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	W	-1.00000
1099	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THX	-1.00000
1099	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THY	-1.00000
1099	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	THZ	-1.00000
1099	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	U	-1.00000
1098	0	0	THY	-1.00000
1099	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 96 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1098	0	0	V	-1.00000
1098	0	0	THX	1.00000
1099	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	W	-1.00000
1118	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THX	-1.00000
1118	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THY	-1.00000
1118	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	THZ	-1.00000
1118	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	U	-1.00000
1117	0	0	THY	-1.00000
1118	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 97 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1117	0	0	V	-1.00000
1117	0	0	THX	1.00000
1118	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	W	-1.00000
1130	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THX	-1.00000
1130	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THY	-1.00000
1130	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	THZ	-1.00000
1130	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	U	-1.00000
1129	0	0	THY	-1.00000
1130	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 99 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1129	0	0	V	-1.00000
1129	0	0	THX	1.00000
1130	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	W	-1.00000
1149	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THX	-1.00000
1149	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THY	-1.00000
1149	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	THZ	-1.00000
1149	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	U	-1.00000
1148	0	0	THY	-1.00000
1149	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 100 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1148	0	0	V	-1.00000
1148	0	0	THX	1.00000
1149	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	W	-1.00000
1161	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THX	-1.00000
1161	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THY	-1.00000
1161	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	THZ	-1.00000
1161	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	U	-1.00000
1160	0	0	THY	-1.00000
1161	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 102 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1160	0	0	V	-1.00000
1160	0	0	THX	1.00000
1161	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	W	-1.00000
1186	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THX	-1.00000
1186	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THY	-1.00000
1186	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	THZ	-1.00000
1186	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	U	-1.00000
1185	0	0	THY	-1.00000
1186	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 103 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1185	0	0	V	-1.00000
1185	0	0	THX	1.00000
1186	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	W	-1.00000
1198	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	THX	-1.00000
1198	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	THY	-1.00000
1198	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	THZ	-1.00000
1198	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1197	0	0	U	-1.00000
1197	0	0	THY	-1.00000
1198	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 105 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1197	0	0	V	-1.00000
1197	0	0	THX	1.00000
1198	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	W	-1.00000
1217	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	THX	-1.00000
1217	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	THY	-1.00000
1217	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	THZ	-1.00000
1217	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	U	-1.00000
1216	0	0	THY	-1.00000
1217	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 106 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1216	0	0	V	-1.00000
1216	0	0	THX	1.00000
1217	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	W	-1.00000
1229	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THX	-1.00000
1229	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THY	-1.00000
1229	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	THZ	-1.00000
1229	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	U	-1.00000
1228	0	0	THY	-1.00000
1229	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 108 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1228	0	0	V	-1.00000
1228	0	0	THX	1.00000
1229	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	W	-1.00000
1254	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THX	-1.00000
1254	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THY	-1.00000
1254	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	THZ	-1.00000
1254	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	U	-1.00000
1253	0	0	THY	-1.00000
1254	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 109 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1253	0	0	V	-1.00000
1253	0	0	THX	1.00000
1254	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	W	-1.00000
1266	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THX	-1.00000
1266	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THY	-1.00000
1266	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	THZ	-1.00000
1266	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	U	-1.00000
1265	0	0	THY	-1.00000
1266	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 111 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1265	0	0	V	-1.00000
1265	0	0	THX	1.00000
1266	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	W	1.00000
1286	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THX	1.00000
1286	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THY	1.00000
1286	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	THZ	1.00000
1286	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	W	-1.00000
1287	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	THX	-1.00000
1287	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	THY	-1.00000
1287	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1286	0	0	THZ	-1.00000
1287	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 112 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
26	0	0	U	0.666667
1286	0	0	U	-0.666667
1286	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
26	0	0	V	0.666667
1286	0	0	V	-0.666667
1286	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1286	0	0	U	-1.00000
1286	0	0	THY	-1.00000
1287	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 112 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1286	0	0	V	-1.00000
1286	0	0	THX	1.00000
1287	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
30	0	0	W	1.00000
1302	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
30	0	0	THX	1.00000
1302	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
30	0	0	THY	1.00000
1302	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
30	0	0	THZ	1.00000
1302	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1302	0	0	W	-1.00000
1303	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1302	0	0	THX	-1.00000
1303	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1302	0	0	THY	-1.00000
1303	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
1302	0	0	THZ	-1.00000
1303	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 114 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
30	0	0	U	0.666667
1302	0	0	U	-0.666667

1302 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
30 0 0 V 0.666667  
1302 0 0 V -0.666667  
1302 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 U -1.00000  
1302 0 0 THY -1.00000  
1303 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 114 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1302 0 0 V -1.00000  
1302 0 0 THX 1.00000  
1303 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 W -1.00000  
1322 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 THX -1.00000  
1322 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 THY -1.00000  
1322 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 THZ -1.00000  
1322 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 U -1.00000  
1321 0 0 THY -1.00000  
1322 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 115 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1321 0 0 V -1.00000  
1321 0 0 THX 1.00000  
1322 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 117 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1333 0 0 W -1.00000  
1334 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1333 0 0 THX -1.00000  
1334 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THY	-1.00000
1334	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	THZ	-1.00000
1334	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	U	-1.00000
1333	0	0	THY	-1.00000
1334	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 117 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1333	0	0	V	-1.00000
1333	0	0	THX	1.00000
1334	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	W	-1.00000
1359	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THX	-1.00000
1359	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THY	-1.00000
1359	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	THZ	-1.00000
1359	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	U	-1.00000
1358	0	0	THY	-1.00000
1359	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 118 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1358	0	0	V	-1.00000
1358	0	0	THX	1.00000
1359	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	W	-1.00000
1371	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THX	-1.00000
1371	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THY	-1.00000
1371	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	THZ	-1.00000
1371	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	U	-1.00000
1370	0	0	THY	-1.00000
1371	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 120 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1370	0	0	V	-1.00000
1370	0	0	THX	1.00000
1371	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	W	-1.00000
1390	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THX	-1.00000
1390	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THY	-1.00000
1390	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	THZ	-1.00000
1390	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	U	-1.00000
1389	0	0	THY	-1.00000
1390	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 121 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1389	0	0	V	-1.00000
1389	0	0	THX	1.00000
1390	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	W	-1.00000
1402	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THX	-1.00000
1402	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THY	-1.00000
1402	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	THZ	-1.00000
1402	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	U	-1.00000
1401	0	0	THY	-1.00000
1402	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 123 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1401	0	0	V	-1.00000
1401	0	0	THX	1.00000
1402	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	W	-1.00000
1427	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THX	-1.00000
1427	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THY	-1.00000
1427	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	THZ	-1.00000
1427	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1426	0	0	U	-1.00000
1426	0	0	THY	-1.00000
1427	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 124 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1426	0	0	V	-1.00000
1426	0	0	THX	1.00000
1427	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	W	-1.00000
1439	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	THX	-1.00000
1439	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	THY	-1.00000
1439	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	THZ	-1.00000
1439	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	U	-1.00000
1438	0	0	THY	-1.00000
1439	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 126 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1438	0	0	V	-1.00000
1438	0	0	THX	1.00000
1439	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	W	-1.00000
1458	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THX	-1.00000
1458	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THY	-1.00000
1458	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	THZ	-1.00000
1458	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	U	-1.00000
1457	0	0	THY	-1.00000
1458	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 127 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1457	0	0	V	-1.00000
1457	0	0	THX	1.00000
1458	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	W	-1.00000
1470	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THX	-1.00000
1470	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THY	-1.00000
1470	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	THZ	-1.00000
1470	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	U	-1.00000
1469	0	0	THY	-1.00000
1470	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 129 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1469	0	0	V	-1.00000
1469	0	0	THX	1.00000
1470	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	W	-1.00000
1489	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THX	-1.00000
1489	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THY	-1.00000
1489	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	THZ	-1.00000
1489	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	U	-1.00000
1488	0	0	THY	-1.00000
1489	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 130 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1488	0	0	V	-1.00000
1488	0	0	THX	1.00000
1489	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	W	-1.00000
1501	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THX	-1.00000
1501	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THY	-1.00000
1501	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	THZ	-1.00000
1501	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	U	-1.00000
1500	0	0	THY	-1.00000
1501	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 132 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1500	0	0	V	-1.00000
1500	0	0	THX	1.00000
1501	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	W	-1.00000
1526	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THX	-1.00000
1526	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THY	-1.00000
1526	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	THZ	-1.00000
1526	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	U	-1.00000
1525	0	0	THY	-1.00000
1526	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 133 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1525	0	0	V	-1.00000
1525	0	0	THX	1.00000
1526	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	W	-1.00000
1538	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THX	-1.00000
1538	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THY	-1.00000
1538	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	THZ	-1.00000
1538	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	U	-1.00000
1537	0	0	THY	-1.00000
1538	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 135 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1537	0	0	V	-1.00000
1537	0	0	THX	1.00000
1538	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	W	-1.00000
1557	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1556	0	0	THX	-1.00000
1557	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1556 0 0 THY -1.00000  
1557 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1556 0 0 THZ -1.00000  
1557 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 136 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1556 0 0 U -1.00000  
1556 0 0 THY -1.00000  
1557 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 136 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1556 0 0 V -1.00000  
1556 0 0 THX 1.00000  
1557 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 W -1.00000  
1569 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 THX -1.00000  
1569 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 THY -1.00000  
1569 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 THZ -1.00000  
1569 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 U -1.00000  
1568 0 0 THY -1.00000  
1569 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 138 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1568 0 0 V -1.00000  
1568 0 0 THX 1.00000  
1569 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 139 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1593 0 0 W -1.00000  
1594 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1593 0 0 THX -1.00000  
1594 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THY	-1.00000
1594	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	THZ	-1.00000
1594	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	U	-1.00000
1593	0	0	THY	-1.00000
1594	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 139 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1593	0	0	V	-1.00000
1593	0	0	THX	1.00000
1594	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	W	-1.00000
1606	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THX	-1.00000
1606	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THY	-1.00000
1606	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	THZ	-1.00000
1606	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	U	-1.00000
1605	0	0	THY	-1.00000
1606	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 141 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1605	0	0	V	-1.00000
1605	0	0	THX	1.00000
1606	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	W	1.00000
1626	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THX	1.00000
1626	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THY	1.00000
1626	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	THZ	1.00000
1626	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	W	-1.00000
1627	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THX	-1.00000
1627	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THY	-1.00000
1627	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	THZ	-1.00000
1627	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	U	0.666667
1626	0	0	U	-0.666667
1626	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
32	0	0	V	0.666667
1626	0	0	V	-0.666667
1626	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	U	-1.00000
1626	0	0	THY	-1.00000
1627	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 142 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1626	0	0	V	-1.00000
1626	0	0	THX	1.00000
1627	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	W	1.00000
1642	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	THX	1.00000
1642	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	THY	1.00000
1642	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	THZ	1.00000
1642	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	W	-1.00000
1643	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THX	-1.00000
1643	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THY	-1.00000
1643	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	THZ	-1.00000
1643	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	U	0.666667
1642	0	0	U	-0.666667
1642	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
35	0	0	V	0.666667
1642	0	0	V	-0.666667
1642	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1642	0	0	U	-1.00000
1642	0	0	THY	-1.00000
1643	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 144 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1642	0	0	V	-1.00000
1642	0	0	THX	1.00000
1643	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	W	-1.00000
1662	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	THX	-1.00000
1662	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	THY	-1.00000
1662	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	THZ	-1.00000
1662	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	U	-1.00000
1661	0	0	THY	-1.00000
1662	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 145 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1661	0	0	V	-1.00000
1661	0	0	THX	1.00000
1662	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	W	-1.00000
1674	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THX	-1.00000
1674	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THY	-1.00000
1674	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	THZ	-1.00000
1674	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	U	-1.00000
1673	0	0	THY	-1.00000
1674	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 147 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1673	0	0	V	-1.00000
1673	0	0	THX	1.00000
1674	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	W	-1.00000
1699	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THX	-1.00000
1699	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THY	-1.00000
1699	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	THZ	-1.00000
1699	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	U	-1.00000
1698	0	0	THY	-1.00000
1699	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 148 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1698	0	0	V	-1.00000
1698	0	0	THX	1.00000
1699	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	W	-1.00000
1711	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THX	-1.00000
1711	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THY	-1.00000
1711	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	THZ	-1.00000
1711	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	U	-1.00000
1710	0	0	THY	-1.00000
1711	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 150 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1710	0	0	V	-1.00000
1710	0	0	THX	1.00000
1711	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	W	-1.00000
1730	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THX	-1.00000
1730	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THY	-1.00000
1730	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	THZ	-1.00000
1730	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	U	-1.00000
1729	0	0	THY	-1.00000
1730	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 151 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1729	0	0	V	-1.00000
1729	0	0	THX	1.00000
1730	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	W	-1.00000
1742	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THX	-1.00000
1742	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THY	-1.00000
1742	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	THZ	-1.00000
1742	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	U	-1.00000
1741	0	0	THY	-1.00000
1742	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 153 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1741	0	0	V	-1.00000
1741	0	0	THX	1.00000
1742	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	W	-1.00000
1767	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THX	-1.00000
1767	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THY	-1.00000
1767	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	THZ	-1.00000
1767	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	U	-1.00000
1766	0	0	THY	-1.00000
1767	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 154 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1766	0	0	V	-1.00000
1766	0	0	THX	1.00000
1767	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	W	-1.00000
1779	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1778	0	0	THX	-1.00000
1779	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1778 0 0 THY -1.00000  
1779 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 THZ -1.00000  
1779 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 U -1.00000  
1778 0 0 THY -1.00000  
1779 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 156 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1778 0 0 V -1.00000  
1778 0 0 THX 1.00000  
1779 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 W -1.00000  
1798 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 THX -1.00000  
1798 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 THY -1.00000  
1798 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 THZ -1.00000  
1798 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 U -1.00000  
1797 0 0 THY -1.00000  
1798 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 157 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1797 0 0 V -1.00000  
1797 0 0 THX 1.00000  
1798 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 159 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1809 0 0 W -1.00000  
1810 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
1809 0 0 THX -1.00000  
1810 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THY	-1.00000
1810	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	THZ	-1.00000
1810	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	U	-1.00000
1809	0	0	THY	-1.00000
1810	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 159 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1809	0	0	V	-1.00000
1809	0	0	THX	1.00000
1810	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	W	-1.00000
1829	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THX	-1.00000
1829	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THY	-1.00000
1829	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	THZ	-1.00000
1829	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	U	-1.00000
1828	0	0	THY	-1.00000
1829	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 160 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1828	0	0	V	-1.00000
1828	0	0	THX	1.00000
1829	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	W	-1.00000
1841	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THX	-1.00000
1841	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THY	-1.00000
1841	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	THZ	-1.00000
1841	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	U	-1.00000
1840	0	0	THY	-1.00000
1841	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 162 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1840	0	0	V	-1.00000
1840	0	0	THX	1.00000
1841	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	W	-1.00000
1866	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THX	-1.00000
1866	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THY	-1.00000
1866	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	THZ	-1.00000
1866	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	U	-1.00000
1865	0	0	THY	-1.00000
1866	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 163 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1865	0	0	V	-1.00000
1865	0	0	THX	1.00000
1866	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	W	-1.00000
1878	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THX	-1.00000
1878	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THY	-1.00000
1878	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	THZ	-1.00000
1878	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	U	-1.00000
1877	0	0	THY	-1.00000
1878	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 165 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1877	0	0	V	-1.00000
1877	0	0	THX	1.00000
1878	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	W	-1.00000
1897	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THX	-1.00000
1897	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THY	-1.00000
1897	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	THZ	-1.00000
1897	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1896	0	0	U	-1.00000
1896	0	0	THY	-1.00000
1897	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 166 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1896	0	0	V	-1.00000
1896	0	0	THX	1.00000
1897	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	W	-1.00000
1909	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THX	-1.00000
1909	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THY	-1.00000
1909	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	THZ	-1.00000
1909	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	U	-1.00000
1908	0	0	THY	-1.00000
1909	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 168 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1908	0	0	V	-1.00000
1908	0	0	THX	1.00000
1909	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	W	-1.00000
1934	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THX	-1.00000
1934	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THY	-1.00000
1934	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	THZ	-1.00000
1934	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	U	-1.00000
1933	0	0	THY	-1.00000
1934	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 169 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1933	0	0	V	-1.00000
1933	0	0	THX	1.00000
1934	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	W	-1.00000
1946	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THX	-1.00000
1946	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THY	-1.00000
1946	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	THZ	-1.00000
1946	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	U	-1.00000
1945	0	0	THY	-1.00000
1946	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 171 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1945	0	0	V	-1.00000
1945	0	0	THX	1.00000
1946	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	W	1.00000
1966	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THX	1.00000
1966	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THY	1.00000
1966	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	THZ	1.00000
1966	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	W	-1.00000
1967	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THX	-1.00000
1967	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THY	-1.00000
1967	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	THZ	-1.00000
1967	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	U	0.666667
1966	0	0	U	-0.666667
1966	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
38	0	0	V	0.666667
1966	0	0	V	-0.666667
1966	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	U	-1.00000
1966	0	0	THY	-1.00000
1967	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 172 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1966	0	0	V	-1.00000
1966	0	0	THX	1.00000
1967	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	W	1.00000
1982	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THX	1.00000
1982	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THY	1.00000
1982	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	THZ	1.00000
1982	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	W	-1.00000
1983	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THX	-1.00000
1983	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THY	-1.00000
1983	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	THZ	-1.00000
1983	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	U	0.666667
1982	0	0	U	-0.666667
1982	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
41	0	0	V	0.666667
1982	0	0	V	-0.666667
1982	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	U	-1.00000
1982	0	0	THY	-1.00000
1983	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 174 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1982	0	0	V	-1.00000
1982	0	0	THX	1.00000
1983	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	W	-1.00000
2002	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THX	-1.00000
2002	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2001 0 0 THY -1.00000  
2002 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	THZ	-1.00000
2002	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	U	-1.00000
2001	0	0	THY	-1.00000
2002	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 175 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2001	0	0	V	-1.00000
2001	0	0	THX	1.00000
2002	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	W	-1.00000
2014	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THX	-1.00000
2014	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THY	-1.00000
2014	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	THZ	-1.00000
2014	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	U	-1.00000
2013	0	0	THY	-1.00000
2014	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 177 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2013	0	0	V	-1.00000
2013	0	0	THX	1.00000
2014	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	W	-1.00000
2039	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THX	-1.00000
2039	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THY	-1.00000
2039	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	THZ	-1.00000
2039	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	U	-1.00000
2038	0	0	THY	-1.00000
2039	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 178 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2038	0	0	V	-1.00000
2038	0	0	THX	1.00000
2039	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	W	-1.00000
2051	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THX	-1.00000
2051	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THY	-1.00000
2051	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	THZ	-1.00000
2051	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	U	-1.00000
2050	0	0	THY	-1.00000
2051	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 180 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2050	0	0	V	-1.00000
2050	0	0	THX	1.00000
2051	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	W	-1.00000
2070	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THX	-1.00000
2070	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THY	-1.00000
2070	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	THZ	-1.00000
2070	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	U	-1.00000
2069	0	0	THY	-1.00000
2070	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 181 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2069	0	0	V	-1.00000
2069	0	0	THX	1.00000
2070	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	W	-1.00000
2082	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THX	-1.00000
2082	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THY	-1.00000
2082	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	THZ	-1.00000
2082	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	U	-1.00000
2081	0	0	THY	-1.00000
2082	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 183 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2081	0	0	V	-1.00000
2081	0	0	THX	1.00000
2082	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	W	-1.00000
2107	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THX	-1.00000
2107	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THY	-1.00000
2107	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	THZ	-1.00000
2107	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	U	-1.00000
2106	0	0	THY	-1.00000
2107	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 184 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2106	0	0	V	-1.00000
2106	0	0	THX	1.00000
2107	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	W	-1.00000
2119	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THX	-1.00000
2119	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THY	-1.00000
2119	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	THZ	-1.00000
2119	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2118	0	0	U	-1.00000
2118	0	0	THY	-1.00000
2119	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 186 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2118	0	0	V	-1.00000
2118	0	0	THX	1.00000
2119	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	W	-1.00000
2138	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THX	-1.00000
2138	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THY	-1.00000
2138	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	THZ	-1.00000
2138	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	U	-1.00000
2137	0	0	THY	-1.00000
2138	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 187 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2137	0	0	V	-1.00000
2137	0	0	THX	1.00000
2138	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	W	-1.00000
2150	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THX	-1.00000
2150	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THY	-1.00000
2150	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	THZ	-1.00000
2150	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	U	-1.00000
2149	0	0	THY	-1.00000
2150	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 189 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2149	0	0	V	-1.00000
2149	0	0	THX	1.00000
2150	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	W	-1.00000
2169	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THX	-1.00000
2169	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THY	-1.00000
2169	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	THZ	-1.00000
2169	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	U	-1.00000
2168	0	0	THY	-1.00000
2169	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 190 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2168	0	0	V	-1.00000
2168	0	0	THX	1.00000
2169	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	W	-1.00000
2181	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THX	-1.00000
2181	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THY	-1.00000
2181	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	THZ	-1.00000
2181	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	U	-1.00000
2180	0	0	THY	-1.00000
2181	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 192 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2180	0	0	V	-1.00000
2180	0	0	THX	1.00000
2181	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	W	-1.00000
2206	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THX	-1.00000
2206	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THY	-1.00000
2206	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	THZ	-1.00000
2206	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	U	-1.00000
2205	0	0	THY	-1.00000
2206	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 193 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2205	0	0	V	-1.00000
2205	0	0	THX	1.00000
2206	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	W	-1.00000
2218	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	THX	-1.00000
2218	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	THY	-1.00000
2218	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	THZ	-1.00000
2218	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	U	-1.00000
2217	0	0	THY	-1.00000
2218	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 195 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2217	0	0	V	-1.00000
2217	0	0	THX	1.00000
2218	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	W	-1.00000
2237	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	THX	-1.00000
2237	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	THY	-1.00000
2237	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	THZ	-1.00000
2237	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	U	-1.00000
2236	0	0	THY	-1.00000
2237	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 196 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2236	0	0	V	-1.00000
2236	0	0	THX	1.00000
2237	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 198 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2248	0	0	W	-1.00000
2249	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2248	0	0	THX	-1.00000
2249	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2248 0 0 THY -1.00000  
2249 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 THZ -1.00000  
2249 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 U -1.00000  
2248 0 0 THY -1.00000  
2249 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 198 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2248 0 0 V -1.00000  
2248 0 0 THX 1.00000  
2249 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 W -1.00000  
2274 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 THX -1.00000  
2274 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 THY -1.00000  
2274 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 THZ -1.00000  
2274 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 U -1.00000  
2273 0 0 THY -1.00000  
2274 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 199 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2273 0 0 V -1.00000  
2273 0 0 THX 1.00000  
2274 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 201 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2285 0 0 W -1.00000  
2286 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2285 0 0 THX -1.00000  
2286 0 0 THX 1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THY	-1.00000
2286	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	THZ	-1.00000
2286	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	U	-1.00000
2285	0	0	THY	-1.00000
2286	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 201 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2285	0	0	V	-1.00000
2285	0	0	THX	1.00000
2286	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	W	1.00000
2306	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THX	1.00000
2306	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THY	1.00000
2306	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	THZ	1.00000
2306	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	W	-1.00000
2307	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THX	-1.00000
2307	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THY	-1.00000
2307	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THY	-1.00000
2307	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THY	-1.00000
2307	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THY	-1.00000
2307	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THY	-1.00000
2307	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	THZ	-1.00000
2307	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	U	0.666667
2306	0	0	U	-0.666667
2306	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
44	0	0	V	0.666667
2306	0	0	V	-0.666667
2306	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	U	-1.00000
2306	0	0	THY	-1.00000
2307	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 202 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2306	0	0	V	-1.00000
2306	0	0	THX	1.00000
2307	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	W	1.00000
2322	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THX	1.00000
2322	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THY	1.00000
2322	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
48	0	0	THZ	1.00000
2322	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	W	-1.00000
2323	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2322	0	0	THX	-1.00000
2323	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
2322	0	0	THY	-1.00000
2323	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2322	0	0	THZ	-1.00000
2323	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 204 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
48	0	0	U	0.666667
2322	0	0	U	-0.666667
2322	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
48	0	0	V	0.666667
2322	0	0	V	-0.666667
2322	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2322	0	0	U	-1.00000
2322	0	0	THY	-1.00000
2323	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 204 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2322	0	0	V	-1.00000
2322	0	0	THX	1.00000
2323	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 205 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2341	0	0	W	-1.00000
2342	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2341	0	0	THX	-1.00000
2342	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2341	0	0	THY	-1.00000
2342	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2341	0	0	THZ	-1.00000
2342	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 205 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	
2341	0	0	U	-1.00000
2341	0	0	THY	-1.00000
2342	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 205 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
NODE	NODE	RNCE	TYPE	

2341	0	0	V	-1.00000
2341	0	0	THX	1.00000
2342	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	W	-1.00000
2354	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	THX	-1.00000
2354	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	THY	-1.00000
2354	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	THZ	-1.00000
2354	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	U	-1.00000
2353	0	0	THY	-1.00000
2354	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 207 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2353	0	0	V	-1.00000
2353	0	0	THX	1.00000
2354	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	W	-1.00000
2385	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THX	-1.00000
2385	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THY	-1.00000
2385	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	THZ	-1.00000
2385	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	U	-1.00000
2384	0	0	THY	-1.00000
2385	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 208 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2384	0	0	V	-1.00000
2384	0	0	THX	1.00000
2385	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	W	-1.00000
2397	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THX	-1.00000
2397	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THY	-1.00000
2397	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	THZ	-1.00000
2397	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	U	-1.00000
2396	0	0	THY	-1.00000
2397	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 210 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2396	0	0	V	-1.00000
2396	0	0	THX	1.00000
2397	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	W	-1.00000
2416	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THX	-1.00000
2416	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THY	-1.00000
2416	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	THZ	-1.00000
2416	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	U	-1.00000
2415	0	0	THY	-1.00000
2416	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 211 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2415	0	0	V	-1.00000
2415	0	0	THX	1.00000
2416	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	W	-1.00000
2428	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THX	-1.00000
2428	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THY	-1.00000
2428	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	THZ	-1.00000
2428	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	U	-1.00000
2427	0	0	THY	-1.00000
2428	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 213 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2427	0	0	V	-1.00000
2427	0	0	THX	1.00000
2428	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	W	-1.00000
2453	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	THX	-1.00000
2453	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	THY	-1.00000
2453	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	THZ	-1.00000
2453	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	U	-1.00000
2452	0	0	THY	-1.00000
2453	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 214 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2452	0	0	V	-1.00000
2452	0	0	THX	1.00000
2453	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	W	-1.00000
2465	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THX	-1.00000
2465	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THY	-1.00000
2465	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	THZ	-1.00000
2465	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	U	-1.00000
2464	0	0	THY	-1.00000
2465	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 216 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2464	0	0	V	-1.00000
2464	0	0	THX	1.00000
2465	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	W	-1.00000
2484	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	THX	-1.00000
2484	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2483 0 0 THY -1.00000  
2484 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	THZ	-1.00000
2484	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	U	-1.00000
2483	0	0	THY	-1.00000
2484	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 217 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2483	0	0	V	-1.00000
2483	0	0	THX	1.00000
2484	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	W	-1.00000
2496	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THX	-1.00000
2496	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THY	-1.00000
2496	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	THZ	-1.00000
2496	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	U	-1.00000
2495	0	0	THY	-1.00000
2496	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 219 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2495	0	0	V	-1.00000
2495	0	0	THX	1.00000
2496	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	W	-1.00000
2515	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THX	-1.00000
2515	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THY	-1.00000
2515	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	THZ	-1.00000
2515	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	U	-1.00000
2514	0	0	THY	-1.00000
2515	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 220 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2514	0	0	V	-1.00000
2514	0	0	THX	1.00000
2515	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	W	-1.00000
2527	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THX	-1.00000
2527	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THY	-1.00000
2527	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	THZ	-1.00000
2527	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	U	-1.00000
2526	0	0	THY	-1.00000
2527	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 222 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2526	0	0	V	-1.00000
2526	0	0	THX	1.00000
2527	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	W	-1.00000
2552	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THX	-1.00000
2552	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THY	-1.00000
2552	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	THZ	-1.00000
2552	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	U	-1.00000
2551	0	0	THY	-1.00000
2552	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 223 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2551	0	0	V	-1.00000
2551	0	0	THX	1.00000
2552	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	W	-1.00000
2564	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THX	-1.00000
2564	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THY	-1.00000
2564	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	THZ	-1.00000
2564	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	U	-1.00000
2563	0	0	THY	-1.00000
2564	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 225 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2563	0	0	V	-1.00000
2563	0	0	THX	1.00000
2564	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	W	-1.00000
2583	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THX	-1.00000
2583	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THY	-1.00000
2583	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	THZ	-1.00000
2583	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	U	-1.00000
2582	0	0	THY	-1.00000
2583	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 226 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2582	0	0	V	-1.00000
2582	0	0	THX	1.00000
2583	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	W	-1.00000
2595	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THX	-1.00000
2595	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THY	-1.00000
2595	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	THZ	-1.00000
2595	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2594	0	0	U	-1.00000
2594	0	0	THY	-1.00000
2595	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 228 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2594	0	0	V	-1.00000
2594	0	0	THX	1.00000
2595	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	W	-1.00000
2632	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	THX	-1.00000
2632	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	THY	-1.00000
2632	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	THZ	-1.00000
2632	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	U	-1.00000
2631	0	0	THY	-1.00000
2632	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 229 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2631	0	0	V	-1.00000
2631	0	0	THX	1.00000
2632	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	W	-1.00000
2644	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THX	-1.00000
2644	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THY	-1.00000
2644	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	THZ	-1.00000
2644	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	U	-1.00000
2643	0	0	THY	-1.00000
2644	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 231 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2643	0	0	V	-1.00000
2643	0	0	THX	1.00000
2644	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	W	1.00000
2664	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THX	1.00000
2664	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THY	1.00000
2664	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	THZ	1.00000
2664	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	W	-1.00000
2665	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THX	-1.00000
2665	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THY	-1.00000
2665	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	THZ	-1.00000
2665	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	U	0.666667
2664	0	0	U	-0.666667
2664	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
49	0	0	V	0.666667
2664	0	0	V	-0.666667
2664	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3



EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	U	-1.00000
2664	0	0	THY	-1.00000
2665	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 232 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2664	0	0	V	-1.00000
2664	0	0	THX	1.00000
2665	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	W	1.00000
2680	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THX	1.00000
2680	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THY	1.00000
2680	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	THZ	1.00000
2680	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	W	-1.00000
2681	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	THX	-1.00000
2681	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	THY	-1.00000
2681	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	THZ	-1.00000
2681	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
53	0	0	U	0.666667
2680	0	0	U	-0.666667
2680	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
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NODE	NODE	RNCE	TYPE	
53	0	0	V	0.666667
2680	0	0	V	-0.666667
2680	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	U	-1.000000
2680	0	0	THY	-1.000000
2681	0	0	U	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 234 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2680	0	0	V	-1.000000
2680	0	0	THX	1.000000
2681	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	W	-1.000000
2700	0	0	W	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	THX	-1.000000
2700	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	THY	-1.000000
2700	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	THZ	-1.000000
2700	0	0	THZ	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	U	-1.000000
2699	0	0	THY	-1.000000
2700	0	0	U	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 235 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2699	0	0	V	-1.000000
2699	0	0	THX	1.000000
2700	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	W	-1.000000
2712	0	0	W	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THX	-1.000000
2712	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2711 0 0 THY -1.00000  
2712 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	THZ	-1.00000
2712	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	U	-1.00000
2711	0	0	THY	-1.00000
2712	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 237 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2711	0	0	V	-1.00000
2711	0	0	THX	1.00000
2712	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	W	-1.00000
2737	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THX	-1.00000
2737	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THY	-1.00000
2737	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	THZ	-1.00000
2737	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	U	-1.00000
2736	0	0	THY	-1.00000
2737	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 238 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2736	0	0	V	-1.00000
2736	0	0	THX	1.00000
2737	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	W	-1.00000
2749	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THX	-1.00000
2749	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THY	-1.00000
2749	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	THZ	-1.00000
2749	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	U	-1.00000
2748	0	0	THY	-1.00000
2749	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 240 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2748	0	0	V	-1.00000
2748	0	0	THX	1.00000
2749	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	W	-1.00000
2768	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THX	-1.00000
2768	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THY	-1.00000
2768	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	THZ	-1.00000
2768	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	U	-1.00000
2767	0	0	THY	-1.00000
2768	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 241 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2767	0	0	V	-1.00000
2767	0	0	THX	1.00000
2768	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	W	-1.00000
2780	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THX	-1.00000
2780	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THY	-1.00000
2780	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	THZ	-1.00000
2780	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	U	-1.00000
2779	0	0	THY	-1.00000
2780	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 243 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2779	0	0	V	-1.00000
2779	0	0	THX	1.00000
2780	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	W	-1.00000
2805	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THX	-1.00000
2805	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THY	-1.00000
2805	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	THZ	-1.00000
2805	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	U	-1.00000
2804	0	0	THY	-1.00000
2805	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 244 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2804	0	0	V	-1.00000
2804	0	0	THX	1.00000
2805	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	W	-1.00000
2817	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THX	-1.00000
2817	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THY	-1.00000
2817	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	THZ	-1.00000
2817	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	U	-1.00000
2816	0	0	THY	-1.00000
2817	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 246 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2816	0	0	V	-1.00000
2816	0	0	THX	1.00000
2817	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	W	-1.00000
2836	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THX	-1.00000
2836	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THY	-1.00000
2836	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	THZ	-1.00000
2836	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2835	0	0	U	-1.00000
2835	0	0	THY	-1.00000
2836	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 247 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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2835 0 0 V -1.00000  
2835 0 0 THX 1.00000  
2836 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 249 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2847 0 0 W -1.00000  
2848 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2847 0 0 THX -1.00000  
2848 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2847 0 0 THY -1.00000  
2848 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2847 0 0 THZ -1.00000  
2848 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 249 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2847 0 0 U -1.00000  
2847 0 0 THY -1.00000  
2848 0 0 U 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 249 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2847 0 0 V -1.00000  
2847 0 0 THX 1.00000  
2848 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 250 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2872 0 0 W -1.00000  
2873 0 0 W 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2872 0 0 THX -1.00000  
2873 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2872 0 0 THY -1.00000  
2873 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2872 0 0 THZ -1.00000  
2873 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 250 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
2872 0 0 U -1.00000  
2872 0 0 THY -1.00000  
2873 0 0 U 1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 250 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2872	0	0	V	-1.00000
2872	0	0	THX	1.00000
2873	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	W	-1.00000
2885	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THX	-1.00000
2885	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THY	-1.00000
2885	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	THZ	-1.00000
2885	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	U	-1.00000
2884	0	0	THY	-1.00000
2885	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 252 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2884	0	0	V	-1.00000
2884	0	0	THX	1.00000
2885	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	W	1.00000
2905	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THX	1.00000
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THY	1.00000
2905	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	THZ	1.00000
2905	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2



EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	W	-1.00000
2906	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THX	-1.00000
2906	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THY	-1.00000
2906	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	THZ	-1.00000
2906	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	U	0.666667
2905	0	0	U	-0.666667
2905	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
55	0	0	V	0.666667
2905	0	0	V	-0.666667
2905	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	U	-1.00000
2905	0	0	THY	-1.00000
2906	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 253 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2905	0	0	V	-1.00000
2905	0	0	THX	1.00000
2906	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	W	1.00000
2921	0	0	W	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THX	1.00000
2921	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THY	1.00000
2921	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	THZ	1.00000
2921	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	W	-1.00000
2922	0	0	W	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THX	-1.00000
2922	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THY	-1.00000
2922	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	THZ	-1.00000
2922	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	U	0.666667
2921	0	0	U	-0.666667
2921	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
60	0	0	V	0.666667
2921	0	0	V	-0.666667
2921	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	U	-1.00000
2921	0	0	THY	-1.00000
2922	0	0	U	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 255 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
2921	0	0	V	-1.00000
2921	0	0	THX	1.00000
2922	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	V	1.00000
3	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THX	1.00000
3	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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1	0	0	THY	1.00000
3	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	THZ	1.00000
3	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	V	-1.00000
6	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THX	-1.00000
6	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THY	-1.00000
6	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	THZ	-1.00000
6	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	U	0.285714
3	0	0	U	-0.285714
3	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
1	0	0	W	0.285714
3	0	0	W	-0.285714
3	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	U	-0.285714
3	0	0	THZ	1.00000
6	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 256 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
3	0	0	W	-0.285714
3	0	0	THX	-1.00000
6	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	V	1.00000
9	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THX	1.00000
9	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THY	1.00000
9	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	THZ	1.00000
9	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	V	-1.00000
12	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THX	-1.00000
12	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THY	-1.00000
12	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	THZ	-1.00000
12	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	U	0.285714
9	0	0	U	-0.285714
9	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
8	0	0	W	0.285714
9	0	0	W	-0.285714
9	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	U	-0.285714
9	0	0	THZ	1.00000
12	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 257 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
9	0	0	W	-0.285714
9	0	0	THX	-1.00000
12	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	V	1.00000
15	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THX	1.00000
15	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THY	1.00000
15	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	THZ	1.00000
15	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	V	-1.00000
18	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THX	-1.00000
18	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THY	-1.00000
18	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	THZ	-1.00000
18	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	U	0.285714
15	0	0	U	-0.285714
15	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
13	0	0	W	0.285714
15	0	0	W	-0.285714
15	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	U	-0.285714
15	0	0	THZ	1.00000
18	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 258 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
15	0	0	W	-0.285714
15	0	0	THX	-1.00000
18	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	V	1.00000
22	0	0	V	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THX	1.00000
22	0	0	THX	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THY	1.00000
22	0	0	THY	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	THZ	1.00000
22	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	V	-1.00000
24	0	0	V	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THX	-1.00000
24	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THY	-1.00000
24	0	0	THY	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	THZ	-1.00000
24	0	0	THZ	1.00000
TOTAL NUMBER OF COEFFICIENTS =				2

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	U	0.285714
22	0	0	U	-0.285714
22	0	0	THZ	-1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
19	0	0	W	0.285714
22	0	0	W	-0.285714
22	0	0	THX	1.00000
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
22	0	0	U	-0.285714
22	0	0	THZ	1.00000
24	0	0	U	0.285714
TOTAL NUMBER OF COEFFICIENTS =				3

EQUATION 259 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
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22	0	0	W	-0.285714
22	0	0	THX	-1.00000
24	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	V	1.00000
28	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	THX	1.00000
28	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	THY	1.00000
28	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	THZ	1.00000
28	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	V	-1.00000
29	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	THX	-1.00000
29	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	THY	-1.00000
29	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	THZ	-1.00000
29	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	U	0.285714
28	0	0	U	-0.285714
28	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
25	0	0	W	0.285714
28	0	0	W	-0.285714
28	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	U	-0.285714
28	0	0	THZ	1.00000
29	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 260 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
28	0	0	W	-0.285714
28	0	0	THX	-1.000000
29	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	V	1.000000
33	0	0	V	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THX	1.000000
33	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THY	1.000000
33	0	0	THY	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	THZ	1.000000
33	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	V	-1.000000
36	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THX	-1.000000
36	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THY	-1.000000
36	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	THZ	-1.000000
36	0	0	THZ	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	U	0.285714
33	0	0	U	-0.285714
33	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
31	0	0	W	0.285714
33	0	0	W	-0.285714
33	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 3



EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	U	-0.285714
33	0	0	THX	1.000000
36	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 261 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
33	0	0	W	-0.285714
33	0	0	THX	-1.000000
36	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	V	1.000000
40	0	0	V	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THX	1.000000
40	0	0	THX	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THY	1.000000
40	0	0	THY	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	THZ	1.000000
40	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	V	-1.000000
42	0	0	V	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THX	-1.000000
42	0	0	THX	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THY	-1.000000
42	0	0	THY	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	THZ	-1.000000
42	0	0	THZ	1.000000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
37	0	0	U	0.285714
40	0	0	U	-0.285714
40	0	0	THZ	-1.000000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST	LAST	DIFF	FREEDOM	COEFFICIENT
-------	------	------	---------	-------------

NODE	NODE	RNCE	TYPE	
37	0	0	W	0.285714
40	0	0	W	-0.285714
40	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	U	-0.285714
40	0	0	THZ	1.00000
42	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 262 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
40	0	0	W	-0.285714
40	0	0	THX	-1.00000
42	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	V	1.00000
45	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THX	1.00000
45	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THY	1.00000
45	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	THZ	1.00000
45	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	V	-1.00000
47	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	THX	-1.00000
47	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	THY	-1.00000
47	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
45	0	0	THZ	-1.00000
47	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 263 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
43	0	0	U	0.285714
45	0	0	U	-0.285714

45 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
43 0 0 W 0.285714  
45 0 0 W -0.285714  
45 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
45 0 0 U -0.285714  
45 0 0 THZ 1.00000  
47 0 0 U 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 263 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
45 0 0 W -0.285714  
45 0 0 THX -1.00000  
47 0 0 W 0.285714  
TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
56 0 0 V 1.00000  
58 0 0 V -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
56 0 0 THX 1.00000  
58 0 0 THX -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
56 0 0 THY 1.00000  
58 0 0 THY -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
56 0 0 THZ 1.00000  
58 0 0 THZ -1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
58 0 0 V -1.00000  
59 0 0 V 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
58 0 0 THX -1.00000  
59 0 0 THX 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
58 0 0 THY -1.00000  
59 0 0 THY 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00  
FIRST LAST DIFF FREEDOM COEFFICIENT  
NODE NODE RNCE TYPE  
58 0 0 THZ -1.00000  
59 0 0 THZ 1.00000  
TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	U	0.285714
58	0	0	U	-0.285714
58	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
56	0	0	W	0.285714
58	0	0	W	-0.285714
58	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	U	-0.285714
58	0	0	THZ	1.00000
59	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 264 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
58	0	0	W	-0.285714
58	0	0	THX	-1.00000
59	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	V	1.00000
52	0	0	V	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THX	1.00000
52	0	0	THX	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THY	1.00000
52	0	0	THY	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	THZ	1.00000
52	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	V	-1.00000
54	0	0	V	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	THX	-1.00000
54	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	THY	-1.00000
54	0	0	THY	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	THZ	-1.00000
54	0	0	THZ	1.00000

TOTAL NUMBER OF COEFFICIENTS = 2

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	U	0.285714
52	0	0	U	-0.285714
52	0	0	THZ	-1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
50	0	0	W	0.285714
52	0	0	W	-0.285714
52	0	0	THX	1.00000

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	U	-0.285714
52	0	0	THZ	1.00000
54	0	0	U	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

EQUATION 265 CONSTANT = 0.000000E+00

FIRST NODE	LAST NODE	DIFF RNCE	FREEDOM TYPE	COEFFICIENT
52	0	0	W	-0.285714
52	0	0	THX	-1.00000
54	0	0	W	0.285714

TOTAL NUMBER OF COEFFICIENTS = 3

TOTAL NUMBER OF CONSTRAINT EQUATIONS = 1260  
 MAXIMUM NUMBER OF COEFFICIENTS PER EQUATION = 3  
 LARGEST NODE NUMBER ENCOUNTERED = 10451  
 DATA STORAGE LOCATIONS USED = 10923

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	CONDITION	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT	CONSTANT
4	16	6 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
21	27	6 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
34	39	5 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
46	51	5 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
57	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 = 10  
 LARGEST NODE NUMBER = 57  
 DATA STORAGE LOCATIONS USED = 180

L O A D C A S E 4225

LoadID=30 Line=2937 Dir=Fwd Pos=1

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
90	0	0	0.00000E+00	0.00000E+00	-12084.	0.00000E+00	0.00000E+00	0.00000E+00		
8697	0	0	0.00000E+00	0.00000E+00	-52440.	0.00000E+00	0.00000E+00	0.00000E+00		
10220	0	0	0.00000E+00	0.00000E+00	-85884.	0.00000E+00	0.00000E+00	0.00000E+00		
10241	0	0	0.00000E+00	0.00000E+00	-39180.	0.00000E+00	0.00000E+00	0.00000E+00		
10243	0	0	0.00000E+00	0.00000E+00	-23923.	0.00000E+00	0.00000E+00	0.00000E+00		
10464	0	0	0.00000E+00	0.00000E+00	-26488.	0.00000E+00	0.00000E+00	0.00000E+00		
NUMBER OF LOADED NODES OR ELEMENTS					=	6				
LARGEST NODE OR ELEMENT NUMBER					=	10464				

L O A D C A S E 4226

LoadID=30 Line=2937 Dir=Fwd Pos=2

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
90	0	0	0.00000E+00	0.00000E+00	-22196.	0.00000E+00	0.00000E+00	0.00000E+00		
8697	0	0	0.00000E+00	0.00000E+00	-11682.	0.00000E+00	0.00000E+00	0.00000E+00		
8750	0	0	0.00000E+00	0.00000E+00	-7832.2	0.00000E+00	0.00000E+00	0.00000E+00		
10220	0	0	0.00000E+00	0.00000E+00	-19132.	0.00000E+00	0.00000E+00	0.00000E+00		
10241	0	0	0.00000E+00	0.00000E+00	-76168.	0.00000E+00	0.00000E+00	0.00000E+00		
10243	0	0	0.00000E+00	0.00000E+00	-48561.	0.00000E+00	0.00000E+00	0.00000E+00		
10251	0	0	0.00000E+00	0.00000E+00	-17312.	0.00000E+00	0.00000E+00	0.00000E+00		
10257	0	0	0.00000E+00	0.00000E+00	-17082.	0.00000E+00	0.00000E+00	0.00000E+00		
10464	0	0	0.00000E+00	0.00000E+00	-5900.6	0.00000E+00	0.00000E+00	0.00000E+00		
10467	0	0	0.00000E+00	0.00000E+00	-7090.2	0.00000E+00	0.00000E+00	0.00000E+00		
10468	0	0	0.00000E+00	0.00000E+00	-7043.3	0.00000E+00	0.00000E+00	0.00000E+00		
NUMBER OF LOADED NODES OR ELEMENTS					=	11				
LARGEST NODE OR ELEMENT NUMBER					=	10468				

L O A D C A S E 4227

LoadID=30 Line=2937 Dir=Fwd Pos=3

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
68	0	0	0.00000E+00	0.00000E+00	93.583	0.00000E+00	0.00000E+00	0.00000E+00		
90	0	0	0.00000E+00	0.00000E+00	-14274.	0.00000E+00	0.00000E+00	0.00000E+00		
8750	0	0	0.00000E+00	0.00000E+00	-30371.	0.00000E+00	0.00000E+00	0.00000E+00		
10179	0	0	0.00000E+00	0.00000E+00	-62836.	0.00000E+00	0.00000E+00	0.00000E+00		
10181	0	0	0.00000E+00	0.00000E+00	-38367.	0.00000E+00	0.00000E+00	0.00000E+00		
10210	0	0	0.00000E+00	0.00000E+00	303.44	0.00000E+00	0.00000E+00	0.00000E+00		
10212	0	0	0.00000E+00	0.00000E+00	185.28	0.00000E+00	0.00000E+00	0.00000E+00		
10241	0	0	0.00000E+00	0.00000E+00	-43329.	0.00000E+00	0.00000E+00	0.00000E+00		
10243	0	0	0.00000E+00	0.00000E+00	-24114.	0.00000E+00	0.00000E+00	0.00000E+00		
10251	0	0	0.00000E+00	0.00000E+00	-49315.	0.00000E+00	0.00000E+00	0.00000E+00		
10257	0	0	0.00000E+00	0.00000E+00	-48711.	0.00000E+00	0.00000E+00	0.00000E+00		
10461	0	0	0.00000E+00	0.00000E+00	-19379.	0.00000E+00	0.00000E+00	0.00000E+00		
10467	0	0	0.00000E+00	0.00000E+00	-14974.	0.00000E+00	0.00000E+00	0.00000E+00		
10468	0	0	0.00000E+00	0.00000E+00	-14912.	0.00000E+00	0.00000E+00	0.00000E+00		
NUMBER OF LOADED NODES OR ELEMENTS					=	14				
LARGEST NODE OR ELEMENT NUMBER					=	10468				

L O A D C A S E 4228

LoadID=30 Line=2937 Dir=Fwd Pos=4

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
68	0	0	0.00000E+00	0.00000E+00	-22576.	0.00000E+00	0.00000E+00	0.00000E+00		
90	0	0	0.00000E+00	0.00000E+00	-5504.6	0.00000E+00	0.00000E+00	0.00000E+00		
115	0	0	0.00000E+00	0.00000E+00	-9108.6	0.00000E+00	0.00000E+00	0.00000E+00		
8697	0	0	0.00000E+00	0.00000E+00	-16116.	0.00000E+00	0.00000E+00	0.00000E+00		
8750	0	0	0.00000E+00	0.00000E+00	-43393.	0.00000E+00	0.00000E+00	0.00000E+00		
10179	0	0	0.00000E+00	0.00000E+00	-25468.	0.00000E+00	0.00000E+00	0.00000E+00		
10181	0	0	0.00000E+00	0.00000E+00	-15551.	0.00000E+00	0.00000E+00	0.00000E+00		
10210	0	0	0.00000E+00	0.00000E+00	-73202.	0.00000E+00	0.00000E+00	0.00000E+00		
10212	0	0	0.00000E+00	0.00000E+00	-44697.	0.00000E+00	0.00000E+00	0.00000E+00		

10220	0	0	0.00000E+00	0.00000E+00	-26395.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10241	0	0	0.00000E+00	0.00000E+00	-11969.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10243	0	0	0.00000E+00	0.00000E+00	-5060.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10251	0	0	0.00000E+00	0.00000E+00	-29525.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10257	0	0	0.00000E+00	0.00000E+00	-62456.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10278	0	0	0.00000E+00	0.00000E+00	-29534.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10280	0	0	0.00000E+00	0.00000E+00	-18033.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10461	0	0	0.00000E+00	0.00000E+00	-7854.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10464	0	0	0.00000E+00	0.00000E+00	-8140.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10467	0	0	0.00000E+00	0.00000E+00	-7621.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10468	0	0	0.00000E+00	0.00000E+00	-17795.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10468

L O A D C A S E 4229

LoadID=30 Line=2937 Dir=Fwd Pos=5

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
68	0	0	0.00000E+00	0.00000E+00	-8704.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
90	0	0	0.00000E+00	0.00000E+00	-1100.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
115	0	0	0.00000E+00	0.00000E+00	-28767.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8697	0	0	0.00000E+00	0.00000E+00	-56953.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8750	0	0	0.00000E+00	0.00000E+00	-15316.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8776	0	0	0.00000E+00	0.00000E+00	-4094.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10210	0	0	0.00000E+00	0.00000E+00	-28222.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10212	0	0	0.00000E+00	0.00000E+00	-17232.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10220	0	0	0.00000E+00	0.00000E+00	-93276.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10241	0	0	0.00000E+00	0.00000E+00	-3567.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10243	0	0	0.00000E+00	0.00000E+00	-2178.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10257	0	0	0.00000E+00	0.00000E+00	-25083.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10278	0	0	0.00000E+00	0.00000E+00	-93276.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10280	0	0	0.00000E+00	0.00000E+00	-56953.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10288	0	0	0.00000E+00	0.00000E+00	-6706.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10464	0	0	0.00000E+00	0.00000E+00	-28767.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10468	0	0	0.00000E+00	0.00000E+00	-7736.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10471	0	0	0.00000E+00	0.00000E+00	-2068.3	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 = 10471

L O A D C A S E 4230

LoadID=30 Line=2937 Dir=Fwd Pos=6

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
90	0	0	0.00000E+00	0.00000E+00	-16887.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
115	0	0	0.00000E+00	0.00000E+00	-19748.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8697	0	0	0.00000E+00	0.00000E+00	-42931.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8776	0	0	0.00000E+00	0.00000E+00	-37266.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10220	0	0	0.00000E+00	0.00000E+00	-70311.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10241	0	0	0.00000E+00	0.00000E+00	-54754.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10243	0	0	0.00000E+00	0.00000E+00	-33432.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10278	0	0	0.00000E+00	0.00000E+00	-64033.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10280	0	0	0.00000E+00	0.00000E+00	-39098.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10288	0	0	0.00000E+00	0.00000E+00	-61032.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10464	0	0	0.00000E+00	0.00000E+00	-21685.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10471	0	0	0.00000E+00	0.00000E+00	-18823.	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 = 10471

L O A D C A S E 4231

LoadID=30 Line=2937 Dir=Fwd Pos=7

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
90	0	0	0.00000E+00	0.00000E+00	-24158.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
115	0	0	0.00000E+00	0.00000E+00	-2530.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
137	0	0	0.00000E+00	0.00000E+00	-7273.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8697	0	0	0.00000E+00	0.00000E+00	-6927.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8750	0	0	0.00000E+00	0.00000E+00	-9852.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8776	0	0	0.00000E+00	0.00000E+00	-56953.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10220	0	0	0.00000E+00	0.00000E+00	-11346.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

10241	0	0	0.00000E+00	0.00000E+00	-80576.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10243	0	0	0.00000E+00	0.00000E+00	-49100.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10251	0	0	0.00000E+00	0.00000E+00	-20078.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10257	0	0	0.00000E+00	0.00000E+00	-19786.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10278	0	0	0.00000E+00	0.00000E+00	-8206.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10280	0	0	0.00000E+00	0.00000E+00	-5010.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10288	0	0	0.00000E+00	0.00000E+00	-93276.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10309	0	0	0.00000E+00	0.00000E+00	-23583.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10311	0	0	0.00000E+00	0.00000E+00	-14400.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10464	0	0	0.00000E+00	0.00000E+00	-3499.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10467	0	0	0.00000E+00	0.00000E+00	-7362.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10468	0	0	0.00000E+00	0.00000E+00	-7316.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10471	0	0	0.00000E+00	0.00000E+00	-28767.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10471

L O A D C A S E 4232

LoadID=30 Line=2937 Dir=Fwd Pos=8

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
90	0	0	0.00000E+00	0.00000E+00	-13325.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
137	0	0	0.00000E+00	0.00000E+00	-28767.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8750	0	0	0.00000E+00	0.00000E+00	-35309.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8776	0	0	0.00000E+00	0.00000E+00	-18949.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8779	0	0	0.00000E+00	0.00000E+00	-461.13	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10241	0	0	0.00000E+00	0.00000E+00	-37202.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10243	0	0	0.00000E+00	0.00000E+00	-19232.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10251	0	0	0.00000E+00	0.00000E+00	-52508.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10257	0	0	0.00000E+00	0.00000E+00	-52077.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10288	0	0	0.00000E+00	0.00000E+00	-31034.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10309	0	0	0.00000E+00	0.00000E+00	-93276.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10311	0	0	0.00000E+00	0.00000E+00	-56953.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10319	0	0	0.00000E+00	0.00000E+00	-755.22	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10467	0	0	0.00000E+00	0.00000E+00	-15196.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10468	0	0	0.00000E+00	0.00000E+00	-15150.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10471	0	0	0.00000E+00	0.00000E+00	-9571.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10474	0	0	0.00000E+00	0.00000E+00	-232.92	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 = 10474

L O A D C A S E 4233

LoadID=30 Line=2937 Dir=Fwd Pos=9

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
115	0	0	0.00000E+00	0.00000E+00	-13216.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
137	0	0	0.00000E+00	0.00000E+00	-23419.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8750	0	0	0.00000E+00	0.00000E+00	-50199.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8779	0	0	0.00000E+00	0.00000E+00	-29999.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10257	0	0	0.00000E+00	0.00000E+00	-82213.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10278	0	0	0.00000E+00	0.00000E+00	-42852.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10280	0	0	0.00000E+00	0.00000E+00	-26165.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10309	0	0	0.00000E+00	0.00000E+00	-75935.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10311	0	0	0.00000E+00	0.00000E+00	-46365.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10319	0	0	0.00000E+00	0.00000E+00	-49130.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10468	0	0	0.00000E+00	0.00000E+00	-25355.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10474	0	0	0.00000E+00	0.00000E+00	-15152.	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 = 10474

L O A D C A S E 4234

LoadID=30 Line=2937 Dir=Fwd Pos=10

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
115	0	0	0.00000E+00	0.00000E+00	-28767.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
137	0	0	0.00000E+00	0.00000E+00	-4366.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	0	0	0.00000E+00	0.00000E+00	-6218.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8750	0	0	0.00000E+00	0.00000E+00	-10561.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8776	0	0	0.00000E+00	0.00000E+00	-8849.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8779	0	0	0.00000E+00	0.00000E+00	-46186.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00



10257	0	0	0.00000E+00	0.00000E+00	-17297.	0.00000E+00	0.00000E+00	0.00000E+00
10278	0	0	0.00000E+00	0.00000E+00	-93276.	0.00000E+00	0.00000E+00	0.00000E+00
10280	0	0	0.00000E+00	0.00000E+00	-56953.	0.00000E+00	0.00000E+00	0.00000E+00
10288	0	0	0.00000E+00	0.00000E+00	-14493.	0.00000E+00	0.00000E+00	0.00000E+00
10309	0	0	0.00000E+00	0.00000E+00	-14157.	0.00000E+00	0.00000E+00	0.00000E+00
10311	0	0	0.00000E+00	0.00000E+00	-8644.4	0.00000E+00	0.00000E+00	0.00000E+00
10319	0	0	0.00000E+00	0.00000E+00	-74861.	0.00000E+00	0.00000E+00	0.00000E+00
10325	0	0	0.00000E+00	0.00000E+00	-31639.	0.00000E+00	0.00000E+00	0.00000E+00
10346	0	0	0.00000E+00	0.00000E+00	-16184.	0.00000E+00	0.00000E+00	0.00000E+00
10348	0	0	0.00000E+00	0.00000E+00	-7842.7	0.00000E+00	0.00000E+00	0.00000E+00
10468	0	0	0.00000E+00	0.00000E+00	-5334.5	0.00000E+00	0.00000E+00	0.00000E+00
10471	0	0	0.00000E+00	0.00000E+00	-4469.8	0.00000E+00	0.00000E+00	0.00000E+00
10474	0	0	0.00000E+00	0.00000E+00	-22275.	0.00000E+00	0.00000E+00	0.00000E+00
10475	0	0	0.00000E+00	0.00000E+00	-7625.7	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10475

L O A D C A S E 4235

LoadID=30 Line=2937 Dir=Fwd Pos=11

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
115	0	0	0.00000E+00	0.00000E+00	-14945.	0.00000E+00	0.00000E+00	0.00000E+00	
162	0	0	0.00000E+00	0.00000E+00	-15533.	0.00000E+00	0.00000E+00	0.00000E+00	
8776	0	0	0.00000E+00	0.00000E+00	-46775.	0.00000E+00	0.00000E+00	0.00000E+00	
8779	0	0	0.00000E+00	0.00000E+00	-19988.	0.00000E+00	0.00000E+00	0.00000E+00	
10278	0	0	0.00000E+00	0.00000E+00	-48459.	0.00000E+00	0.00000E+00	0.00000E+00	
10280	0	0	0.00000E+00	0.00000E+00	-29589.	0.00000E+00	0.00000E+00	0.00000E+00	
10288	0	0	0.00000E+00	0.00000E+00	-76606.	0.00000E+00	0.00000E+00	0.00000E+00	
10319	0	0	0.00000E+00	0.00000E+00	-38524.	0.00000E+00	0.00000E+00	0.00000E+00	
10325	0	0	0.00000E+00	0.00000E+00	-48616.	0.00000E+00	0.00000E+00	0.00000E+00	
10346	0	0	0.00000E+00	0.00000E+00	-53056.	0.00000E+00	0.00000E+00	0.00000E+00	
10348	0	0	0.00000E+00	0.00000E+00	-35564.	0.00000E+00	0.00000E+00	0.00000E+00	
10471	0	0	0.00000E+00	0.00000E+00	-23626.	0.00000E+00	0.00000E+00	0.00000E+00	
10474	0	0	0.00000E+00	0.00000E+00	-13768.	0.00000E+00	0.00000E+00	0.00000E+00	
10475	0	0	0.00000E+00	0.00000E+00	-14951.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 10475

L O A D C A S E 4236

LoadID=30 Line=2937 Dir=Fwd Pos=12

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
115	0	0	0.00000E+00	0.00000E+00	-129.45	0.00000E+00	0.00000E+00	0.00000E+00	
137	0	0	0.00000E+00	0.00000E+00	-9674.8	0.00000E+00	0.00000E+00	0.00000E+00	
162	0	0	0.00000E+00	0.00000E+00	-27090.	0.00000E+00	0.00000E+00	0.00000E+00	
8776	0	0	0.00000E+00	0.00000E+00	-56953.	0.00000E+00	0.00000E+00	0.00000E+00	
8794	0	0	0.00000E+00	0.00000E+00	-22731.	0.00000E+00	0.00000E+00	0.00000E+00	
10278	0	0	0.00000E+00	0.00000E+00	-419.73	0.00000E+00	0.00000E+00	0.00000E+00	
10280	0	0	0.00000E+00	0.00000E+00	-256.29	0.00000E+00	0.00000E+00	0.00000E+00	
10288	0	0	0.00000E+00	0.00000E+00	-93276.	0.00000E+00	0.00000E+00	0.00000E+00	
10309	0	0	0.00000E+00	0.00000E+00	-31370.	0.00000E+00	0.00000E+00	0.00000E+00	
10311	0	0	0.00000E+00	0.00000E+00	-19154.	0.00000E+00	0.00000E+00	0.00000E+00	
10346	0	0	0.00000E+00	0.00000E+00	-87837.	0.00000E+00	0.00000E+00	0.00000E+00	
10348	0	0	0.00000E+00	0.00000E+00	-53632.	0.00000E+00	0.00000E+00	0.00000E+00	
10356	0	0	0.00000E+00	0.00000E+00	-37228.	0.00000E+00	0.00000E+00	0.00000E+00	
10471	0	0	0.00000E+00	0.00000E+00	-28767.	0.00000E+00	0.00000E+00	0.00000E+00	
10478	0	0	0.00000E+00	0.00000E+00	-11482.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 15  
LARGEST NODE OR ELEMENT NUMBER = 10478

L O A D C A S E 4237

LoadID=30 Line=2937 Dir=Fwd Pos=13

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
137	0	0	0.00000E+00	0.00000E+00	-28767.	0.00000E+00	0.00000E+00	0.00000E+00	
162	0	0	0.00000E+00	0.00000E+00	-6201.6	0.00000E+00	0.00000E+00	0.00000E+00	
194	0	0	0.00000E+00	0.00000E+00	-3602.6	0.00000E+00	0.00000E+00	0.00000E+00	
8776	0	0	0.00000E+00	0.00000E+00	-14195.	0.00000E+00	0.00000E+00	0.00000E+00	
8779	0	0	0.00000E+00	0.00000E+00	-5215.6	0.00000E+00	0.00000E+00	0.00000E+00	

8794	0	0	0.00000E+00	0.00000E+00	-56953.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10288	0	0	0.00000E+00	0.00000E+00	-23248.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10309	0	0	0.00000E+00	0.00000E+00	-93276.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10311	0	0	0.00000E+00	0.00000E+00	-56953.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10319	0	0	0.00000E+00	0.00000E+00	-8541.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10346	0	0	0.00000E+00	0.00000E+00	-20108.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10348	0	0	0.00000E+00	0.00000E+00	-12278.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10356	0	0	0.00000E+00	0.00000E+00	-93276.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10377	0	0	0.00000E+00	0.00000E+00	-11681.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10379	0	0	0.00000E+00	0.00000E+00	-7132.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10471	0	0	0.00000E+00	0.00000E+00	-7169.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10474	0	0	0.00000E+00	0.00000E+00	-2634.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10478	0	0	0.00000E+00	0.00000E+00	-28767.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 18  
LARGEST NODE OR ELEMENT NUMBER = 10478

L O A D C A S E 4238

LoadID=30 Line=2937 Dir=Fwd Pos=14

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
137	0	0	0.00000E+00	0.00000E+00	-18616.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
194	0	0	0.00000E+00	0.00000E+00	-21892.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8779	0	0	0.00000E+00	0.00000E+00	-39508.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8794	0	0	0.00000E+00	0.00000E+00	-33023.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10309	0	0	0.00000E+00	0.00000E+00	-60361.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10311	0	0	0.00000E+00	0.00000E+00	-36856.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10319	0	0	0.00000E+00	0.00000E+00	-64704.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10356	0	0	0.00000E+00	0.00000E+00	-54083.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10377	0	0	0.00000E+00	0.00000E+00	-70982.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10379	0	0	0.00000E+00	0.00000E+00	-43341.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10474	0	0	0.00000E+00	0.00000E+00	-19955.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10478	0	0	0.00000E+00	0.00000E+00	-16680.	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 = 10478

L O A D C A S E 4239

LoadID=30 Line=2937 Dir=Fwd Pos=15

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
137	0	0	0.00000E+00	0.00000E+00	-1964.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
162	0	0	0.00000E+00	0.00000E+00	-6738.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
194	0	0	0.00000E+00	0.00000E+00	-28767.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8779	0	0	0.00000E+00	0.00000E+00	-48172.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8794	0	0	0.00000E+00	0.00000E+00	-1973.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8804	0	0	0.00000E+00	0.00000E+00	-17437.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10309	0	0	0.00000E+00	0.00000E+00	-6370.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10311	0	0	0.00000E+00	0.00000E+00	-3889.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10319	0	0	0.00000E+00	0.00000E+00	-80293.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10325	0	0	0.00000E+00	0.00000E+00	-30773.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10346	0	0	0.00000E+00	0.00000E+00	-19433.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10348	0	0	0.00000E+00	0.00000E+00	-10096.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10356	0	0	0.00000E+00	0.00000E+00	-3231.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10377	0	0	0.00000E+00	0.00000E+00	-93276.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10379	0	0	0.00000E+00	0.00000E+00	-56953.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10387	0	0	0.00000E+00	0.00000E+00	-28558.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10474	0	0	0.00000E+00	0.00000E+00	-24575.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10475	0	0	0.00000E+00	0.00000E+00	-7695.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10478	0	0	0.00000E+00	0.00000E+00	-996.63	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10481	0	0	0.00000E+00	0.00000E+00	-8807.6	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 = 10481

L O A D C A S E 4240

LoadID=30 Line=2937 Dir=Fwd Pos=16

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
162	0	0	0.00000E+00	0.00000E+00	-25812.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
194	0	0	0.00000E+00	0.00000E+00	-8037.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
238	0	0	0.00000E+00	0.00000E+00	-6014.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

8779	0	0	0.00000E+00	0.00000E+00	-11650.	0.00000E+00	0.00000E+00	0.00000E+00
8794	0	0	0.00000E+00	0.00000E+00	-1582.0	0.00000E+00	0.00000E+00	0.00000E+00
8804	0	0	0.00000E+00	0.00000E+00	-45987.	0.00000E+00	0.00000E+00	0.00000E+00
10319	0	0	0.00000E+00	0.00000E+00	-21656.	0.00000E+00	0.00000E+00	0.00000E+00
10325	0	0	0.00000E+00	0.00000E+00	-28094.	0.00000E+00	0.00000E+00	0.00000E+00
10346	0	0	0.00000E+00	0.00000E+00	-83329.	0.00000E+00	0.00000E+00	0.00000E+00
10348	0	0	0.00000E+00	0.00000E+00	-49634.	0.00000E+00	0.00000E+00	0.00000E+00
10356	0	0	0.00000E+00	0.00000E+00	-2590.9	0.00000E+00	0.00000E+00	0.00000E+00
10377	0	0	0.00000E+00	0.00000E+00	-26059.	0.00000E+00	0.00000E+00	0.00000E+00
10379	0	0	0.00000E+00	0.00000E+00	-15912.	0.00000E+00	0.00000E+00	0.00000E+00
10387	0	0	0.00000E+00	0.00000E+00	-67606.	0.00000E+00	0.00000E+00	0.00000E+00
10393	0	0	0.00000E+00	0.00000E+00	-24059.	0.00000E+00	0.00000E+00	0.00000E+00
10414	0	0	0.00000E+00	0.00000E+00	-13526.	0.00000E+00	0.00000E+00	0.00000E+00
10416	0	0	0.00000E+00	0.00000E+00	-5868.4	0.00000E+00	0.00000E+00	0.00000E+00
10474	0	0	0.00000E+00	0.00000E+00	-7136.3	0.00000E+00	0.00000E+00	0.00000E+00
10475	0	0	0.00000E+00	0.00000E+00	-7716.1	0.00000E+00	0.00000E+00	0.00000E+00
10478	0	0	0.00000E+00	0.00000E+00	-799.07	0.00000E+00	0.00000E+00	0.00000E+00
10481	0	0	0.00000E+00	0.00000E+00	-19318.	0.00000E+00	0.00000E+00	0.00000E+00
10482	0	0	0.00000E+00	0.00000E+00	-7613.0	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 22  
LARGEST NODE OR ELEMENT NUMBER = 10482

L O A D C A S E 4241

LoadID=30 Line=2937 Dir=Fwd Pos=17

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
162	0	0	0.00000E+00	0.00000E+00	-22287.	0.00000E+00	0.00000E+00	0.00000E+00		
238	0	0	0.00000E+00	0.00000E+00	-13847.	0.00000E+00	0.00000E+00	0.00000E+00		
8794	0	0	0.00000E+00	0.00000E+00	-32240.	0.00000E+00	0.00000E+00	0.00000E+00		
8804	0	0	0.00000E+00	0.00000E+00	-27309.	0.00000E+00	0.00000E+00	0.00000E+00		
10346	0	0	0.00000E+00	0.00000E+00	-72263.	0.00000E+00	0.00000E+00	0.00000E+00		
10348	0	0	0.00000E+00	0.00000E+00	-44123.	0.00000E+00	0.00000E+00	0.00000E+00		
10356	0	0	0.00000E+00	0.00000E+00	-52802.	0.00000E+00	0.00000E+00	0.00000E+00		
10387	0	0	0.00000E+00	0.00000E+00	-45339.	0.00000E+00	0.00000E+00	0.00000E+00		
10393	0	0	0.00000E+00	0.00000E+00	-55998.	0.00000E+00	0.00000E+00	0.00000E+00		
10414	0	0	0.00000E+00	0.00000E+00	-43192.	0.00000E+00	0.00000E+00	0.00000E+00		
10416	0	0	0.00000E+00	0.00000E+00	-24926.	0.00000E+00	0.00000E+00	0.00000E+00		
10478	0	0	0.00000E+00	0.00000E+00	-16285.	0.00000E+00	0.00000E+00	0.00000E+00		
10481	0	0	0.00000E+00	0.00000E+00	-14097.	0.00000E+00	0.00000E+00	0.00000E+00		
10482	0	0	0.00000E+00	0.00000E+00	-15293.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 10482

L O A D C A S E 4242

LoadID=30 Line=2937 Dir=Fwd Pos=18

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
162	0	0	0.00000E+00	0.00000E+00	-3800.1	0.00000E+00	0.00000E+00	0.00000E+00		
194	0	0	0.00000E+00	0.00000E+00	-6004.1	0.00000E+00	0.00000E+00	0.00000E+00		
238	0	0	0.00000E+00	0.00000E+00	-20385.	0.00000E+00	0.00000E+00	0.00000E+00		
8794	0	0	0.00000E+00	0.00000E+00	-56953.	0.00000E+00	0.00000E+00	0.00000E+00		
8804	0	0	0.00000E+00	0.00000E+00	-6533.7	0.00000E+00	0.00000E+00	0.00000E+00		
8827	0	0	0.00000E+00	0.00000E+00	-13804.	0.00000E+00	0.00000E+00	0.00000E+00		
10346	0	0	0.00000E+00	0.00000E+00	-12322.	0.00000E+00	0.00000E+00	0.00000E+00		
10348	0	0	0.00000E+00	0.00000E+00	-7523.5	0.00000E+00	0.00000E+00	0.00000E+00		
10356	0	0	0.00000E+00	0.00000E+00	-93276.	0.00000E+00	0.00000E+00	0.00000E+00		
10377	0	0	0.00000E+00	0.00000E+00	-19468.	0.00000E+00	0.00000E+00	0.00000E+00		
10379	0	0	0.00000E+00	0.00000E+00	-11887.	0.00000E+00	0.00000E+00	0.00000E+00		
10387	0	0	0.00000E+00	0.00000E+00	-14573.	0.00000E+00	0.00000E+00	0.00000E+00		
10393	0	0	0.00000E+00	0.00000E+00	-23862.	0.00000E+00	0.00000E+00	0.00000E+00		
10414	0	0	0.00000E+00	0.00000E+00	-70788.	0.00000E+00	0.00000E+00	0.00000E+00		
10416	0	0	0.00000E+00	0.00000E+00	-46662.	0.00000E+00	0.00000E+00	0.00000E+00		
10424	0	0	0.00000E+00	0.00000E+00	-22607.	0.00000E+00	0.00000E+00	0.00000E+00		
10478	0	0	0.00000E+00	0.00000E+00	-28767.	0.00000E+00	0.00000E+00	0.00000E+00		
10481	0	0	0.00000E+00	0.00000E+00	-6221.5	0.00000E+00	0.00000E+00	0.00000E+00		
10482	0	0	0.00000E+00	0.00000E+00	-7592.9	0.00000E+00	0.00000E+00	0.00000E+00		
10485	0	0	0.00000E+00	0.00000E+00	-6972.2	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10485

L O A D C A S E 4243



NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ
238	0	0	0.00000E+00	0.00000E+00	-14519.	0.00000E+00	0.00000E+00	0.00000E+00
277	0	0	0.00000E+00	0.00000E+00	-14280.	0.00000E+00	0.00000E+00	0.00000E+00
293	0	0	0.00000E+00	0.00000E+00	-78763.	0.00000E+00	0.00000E+00	0.00000E+00
8804	0	0	0.00000E+00	0.00000E+00	-21734.	0.00000E+00	0.00000E+00	0.00000E+00
8830	0	0	0.00000E+00	0.00000E+00	-48092.	0.00000E+00	0.00000E+00	0.00000E+00
10387	0	0	0.00000E+00	0.00000E+00	-39930.	0.00000E+00	0.00000E+00	0.00000E+00
10393	0	0	0.00000E+00	0.00000E+00	-55494.	0.00000E+00	0.00000E+00	0.00000E+00
10414	0	0	0.00000E+00	0.00000E+00	-48481.	0.00000E+00	0.00000E+00	0.00000E+00
10416	0	0	0.00000E+00	0.00000E+00	-31065.	0.00000E+00	0.00000E+00	0.00000E+00
10451	0	0	0.00000E+00	0.00000E+00	-46302.	0.00000E+00	0.00000E+00	0.00000E+00
10453	0	0	0.00000E+00	0.00000E+00	-28272.	0.00000E+00	0.00000E+00	0.00000E+00
10481	0	0	0.00000E+00	0.00000E+00	-13522.	0.00000E+00	0.00000E+00	0.00000E+00
10482	0	0	0.00000E+00	0.00000E+00	-15254.	0.00000E+00	0.00000E+00	0.00000E+00
10488	0	0	0.00000E+00	0.00000E+00	-24291.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 10488

L O A D C A S E 4247

LoadID=30 Line=2937 Dir=Fwd Pos=23

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
238	0	0	0.00000E+00	0.00000E+00	-18401.	0.00000E+00	0.00000E+00	0.00000E+00	
293	0	0	0.00000E+00	0.00000E+00	-94086.	0.00000E+00	0.00000E+00	0.00000E+00	
311	0	0	0.00000E+00	0.00000E+00	-9554.4	0.00000E+00	0.00000E+00	0.00000E+00	
314	0	0	0.00000E+00	0.00000E+00	-30979.	0.00000E+00	0.00000E+00	0.00000E+00	
316	0	0	0.00000E+00	0.00000E+00	-18916.	0.00000E+00	0.00000E+00	0.00000E+00	
8804	0	0	0.00000E+00	0.00000E+00	-5497.2	0.00000E+00	0.00000E+00	0.00000E+00	
8827	0	0	0.00000E+00	0.00000E+00	-18558.	0.00000E+00	0.00000E+00	0.00000E+00	
8830	0	0	0.00000E+00	0.00000E+00	-57448.	0.00000E+00	0.00000E+00	0.00000E+00	
10387	0	0	0.00000E+00	0.00000E+00	-13114.	0.00000E+00	0.00000E+00	0.00000E+00	
10393	0	0	0.00000E+00	0.00000E+00	-20734.	0.00000E+00	0.00000E+00	0.00000E+00	
10414	0	0	0.00000E+00	0.00000E+00	-64853.	0.00000E+00	0.00000E+00	0.00000E+00	
10416	0	0	0.00000E+00	0.00000E+00	-45442.	0.00000E+00	0.00000E+00	0.00000E+00	
10424	0	0	0.00000E+00	0.00000E+00	-30394.	0.00000E+00	0.00000E+00	0.00000E+00	
10481	0	0	0.00000E+00	0.00000E+00	-6089.4	0.00000E+00	0.00000E+00	0.00000E+00	
10482	0	0	0.00000E+00	0.00000E+00	-7544.5	0.00000E+00	0.00000E+00	0.00000E+00	
10485	0	0	0.00000E+00	0.00000E+00	-9373.7	0.00000E+00	0.00000E+00	0.00000E+00	
10488	0	0	0.00000E+00	0.00000E+00	-29017.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 17  
LARGEST NODE OR ELEMENT NUMBER = 10488

L O A D C A S E 4248

LoadID=30 Line=2937 Dir=Fwd Pos=24

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
238	0	0	0.00000E+00	0.00000E+00	-7470.8	0.00000E+00	0.00000E+00	0.00000E+00	
277	0	0	0.00000E+00	0.00000E+00	-2333.4	0.00000E+00	0.00000E+00	0.00000E+00	
293	0	0	0.00000E+00	0.00000E+00	-23871.	0.00000E+00	0.00000E+00	0.00000E+00	
311	0	0	0.00000E+00	0.00000E+00	-20014.	0.00000E+00	0.00000E+00	0.00000E+00	
314	0	0	0.00000E+00	0.00000E+00	-69796.	0.00000E+00	0.00000E+00	0.00000E+00	
316	0	0	0.00000E+00	0.00000E+00	-46810.	0.00000E+00	0.00000E+00	0.00000E+00	
324	0	0	0.00000E+00	0.00000E+00	-24241.	0.00000E+00	0.00000E+00	0.00000E+00	
330	0	0	0.00000E+00	0.00000E+00	-13664.	0.00000E+00	0.00000E+00	0.00000E+00	
8827	0	0	0.00000E+00	0.00000E+00	-56953.	0.00000E+00	0.00000E+00	0.00000E+00	
8830	0	0	0.00000E+00	0.00000E+00	-14575.	0.00000E+00	0.00000E+00	0.00000E+00	
8833	0	0	0.00000E+00	0.00000E+00	-5990.1	0.00000E+00	0.00000E+00	0.00000E+00	
10414	0	0	0.00000E+00	0.00000E+00	-24224.	0.00000E+00	0.00000E+00	0.00000E+00	
10416	0	0	0.00000E+00	0.00000E+00	-14791.	0.00000E+00	0.00000E+00	0.00000E+00	
10424	0	0	0.00000E+00	0.00000E+00	-93276.	0.00000E+00	0.00000E+00	0.00000E+00	
10451	0	0	0.00000E+00	0.00000E+00	-7565.8	0.00000E+00	0.00000E+00	0.00000E+00	
10453	0	0	0.00000E+00	0.00000E+00	-4619.6	0.00000E+00	0.00000E+00	0.00000E+00	
10485	0	0	0.00000E+00	0.00000E+00	-28767.	0.00000E+00	0.00000E+00	0.00000E+00	
10488	0	0	0.00000E+00	0.00000E+00	-7362.1	0.00000E+00	0.00000E+00	0.00000E+00	
10491	0	0	0.00000E+00	0.00000E+00	-7640.2	0.00000E+00	0.00000E+00	0.00000E+00	
10492	0	0	0.00000E+00	0.00000E+00	-6036.1	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10492

L O A D C A S E 4249

LoadID=30 Line=2937 Dir=Fwd Pos=25

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
277	0	0	0.00000E+00	0.00000E+00	-19353.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
311	0	0	0.00000E+00	0.00000E+00	-14067.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
314	0	0	0.00000E+00	0.00000E+00	-44810.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
316	0	0	0.00000E+00	0.00000E+00	-26556.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
324	0	0	0.00000E+00	0.00000E+00	-56659.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
330	0	0	0.00000E+00	0.00000E+00	-43483.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8827	0	0	0.00000E+00	0.00000E+00	-38048.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8833	0	0	0.00000E+00	0.00000E+00	-25130.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10424	0	0	0.00000E+00	0.00000E+00	-62313.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10451	0	0	0.00000E+00	0.00000E+00	-62752.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10453	0	0	0.00000E+00	0.00000E+00	-38316.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10485	0	0	0.00000E+00	0.00000E+00	-19218.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10491	0	0	0.00000E+00	0.00000E+00	-15384.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10492	0	0	0.00000E+00	0.00000E+00	-13911.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 10492

L O A D C A S E 4250

LoadID=30 Line=2937 Dir=Fwd Pos=26

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
277	0	0	0.00000E+00	0.00000E+00	-28969.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
293	0	0	0.00000E+00	0.00000E+00	-23788.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
311	0	0	0.00000E+00	0.00000E+00	-6168.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
314	0	0	0.00000E+00	0.00000E+00	-14319.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
316	0	0	0.00000E+00	0.00000E+00	-6408.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
324	0	0	0.00000E+00	0.00000E+00	-24125.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
330	0	0	0.00000E+00	0.00000E+00	-71671.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0	0	0.00000E+00	0.00000E+00	-6728.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
351	0	0	0.00000E+00	0.00000E+00	-21815.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
353	0	0	0.00000E+00	0.00000E+00	-13320.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8827	0	0	0.00000E+00	0.00000E+00	-4485.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8830	0	0	0.00000E+00	0.00000E+00	-14525.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8833	0	0	0.00000E+00	0.00000E+00	-47158.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10424	0	0	0.00000E+00	0.00000E+00	-7346.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10451	0	0	0.00000E+00	0.00000E+00	-93931.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10453	0	0	0.00000E+00	0.00000E+00	-57353.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10485	0	0	0.00000E+00	0.00000E+00	-2265.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10488	0	0	0.00000E+00	0.00000E+00	-7336.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10491	0	0	0.00000E+00	0.00000E+00	-7632.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10492	0	0	0.00000E+00	0.00000E+00	-20654.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10492

L O A D C A S E 4251

LoadID=30 Line=2937 Dir=Fwd Pos=27

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
277	0	0	0.00000E+00	0.00000E+00	-9605.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
293	0	0	0.00000E+00	0.00000E+00	-93919.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
330	0	0	0.00000E+00	0.00000E+00	-35090.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0	0	0.00000E+00	0.00000E+00	-27749.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
351	0	0	0.00000E+00	0.00000E+00	-89975.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
353	0	0	0.00000E+00	0.00000E+00	-54938.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8830	0	0	0.00000E+00	0.00000E+00	-57346.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8833	0	0	0.00000E+00	0.00000E+00	-21426.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10451	0	0	0.00000E+00	0.00000E+00	-31146.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10453	0	0	0.00000E+00	0.00000E+00	-19017.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10488	0	0	0.00000E+00	0.00000E+00	-28966.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10492	0	0	0.00000E+00	0.00000E+00	-10822.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10492

L O A D C A S E 4252

LoadID=30 Line=2937 Dir=Fwd Pos=28

CONCENTRATED LOAD

FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
293	0	0	0.00000E+00	0.00000E+00	-78930.	0.00000E+00	0.00000E+00	0.00000E+00
311	0	0	0.00000E+00	0.00000E+00	-14229.	0.00000E+00	0.00000E+00	0.00000E+00
314	0	0	0.00000E+00	0.00000E+00	-46135.	0.00000E+00	0.00000E+00	0.00000E+00
316	0	0	0.00000E+00	0.00000E+00	-28170.	0.00000E+00	0.00000E+00	0.00000E+00
348	0	0	0.00000E+00	0.00000E+00	-25559.	0.00000E+00	0.00000E+00	0.00000E+00
351	0	0	0.00000E+00	0.00000E+00	-82874.	0.00000E+00	0.00000E+00	0.00000E+00
353	0	0	0.00000E+00	0.00000E+00	-50602.	0.00000E+00	0.00000E+00	0.00000E+00
361	0	0	0.00000E+00	0.00000E+00	-42191.	0.00000E+00	0.00000E+00	0.00000E+00
8830	0	0	0.00000E+00	0.00000E+00	-48194.	0.00000E+00	0.00000E+00	0.00000E+00
8985	0	0	0.00000E+00	0.00000E+00	-25761.	0.00000E+00	0.00000E+00	0.00000E+00
10488	0	0	0.00000E+00	0.00000E+00	-24343.	0.00000E+00	0.00000E+00	0.00000E+00
10495	0	0	0.00000E+00	0.00000E+00	-13012.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10495

L O A D C A S E 4253

LoadID=30 Line=2937 Dir=Fwd Pos=29

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
293	0	0	0.00000E+00	0.00000E+00	-16293.	0.00000E+00	0.00000E+00	0.00000E+00	
311	0	0	0.00000E+00	0.00000E+00	-21955.	0.00000E+00	0.00000E+00	0.00000E+00	
314	0	0	0.00000E+00	0.00000E+00	-74720.	0.00000E+00	0.00000E+00	0.00000E+00	
316	0	0	0.00000E+00	0.00000E+00	-46942.	0.00000E+00	0.00000E+00	0.00000E+00	
324	0	0	0.00000E+00	0.00000E+00	-28294.	0.00000E+00	0.00000E+00	0.00000E+00	
330	0	0	0.00000E+00	0.00000E+00	-15548.	0.00000E+00	0.00000E+00	0.00000E+00	
348	0	0	0.00000E+00	0.00000E+00	-5633.2	0.00000E+00	0.00000E+00	0.00000E+00	
351	0	0	0.00000E+00	0.00000E+00	-18265.	0.00000E+00	0.00000E+00	0.00000E+00	
353	0	0	0.00000E+00	0.00000E+00	-11153.	0.00000E+00	0.00000E+00	0.00000E+00	
361	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	
380	0	0	0.00000E+00	0.00000E+00	-3908.3	0.00000E+00	0.00000E+00	0.00000E+00	
382	0	0	0.00000E+00	0.00000E+00	-12672.	0.00000E+00	0.00000E+00	0.00000E+00	
384	0	0	0.00000E+00	0.00000E+00	-7737.6	0.00000E+00	0.00000E+00	0.00000E+00	
8830	0	0	0.00000E+00	0.00000E+00	-9948.3	0.00000E+00	0.00000E+00	0.00000E+00	
8833	0	0	0.00000E+00	0.00000E+00	-7360.0	0.00000E+00	0.00000E+00	0.00000E+00	
8985	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	
10488	0	0	0.00000E+00	0.00000E+00	-5024.9	0.00000E+00	0.00000E+00	0.00000E+00	
10491	0	0	0.00000E+00	0.00000E+00	-7683.3	0.00000E+00	0.00000E+00	0.00000E+00	
10492	0	0	0.00000E+00	0.00000E+00	-6231.8	0.00000E+00	0.00000E+00	0.00000E+00	
10495	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10495

L O A D C A S E 4254

LoadID=30 Line=2937 Dir=Fwd Pos=30

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
311	0	0	0.00000E+00	0.00000E+00	-13470.	0.00000E+00	0.00000E+00	0.00000E+00	
314	0	0	0.00000E+00	0.00000E+00	-39315.	0.00000E+00	0.00000E+00	0.00000E+00	
316	0	0	0.00000E+00	0.00000E+00	-21168.	0.00000E+00	0.00000E+00	0.00000E+00	
324	0	0	0.00000E+00	0.00000E+00	-56121.	0.00000E+00	0.00000E+00	0.00000E+00	
330	0	0	0.00000E+00	0.00000E+00	-48764.	0.00000E+00	0.00000E+00	0.00000E+00	
361	0	0	0.00000E+00	0.00000E+00	-53377.	0.00000E+00	0.00000E+00	0.00000E+00	
380	0	0	0.00000E+00	0.00000E+00	-22110.	0.00000E+00	0.00000E+00	0.00000E+00	
382	0	0	0.00000E+00	0.00000E+00	-71688.	0.00000E+00	0.00000E+00	0.00000E+00	
384	0	0	0.00000E+00	0.00000E+00	-43772.	0.00000E+00	0.00000E+00	0.00000E+00	
8833	0	0	0.00000E+00	0.00000E+00	-31231.	0.00000E+00	0.00000E+00	0.00000E+00	
8985	0	0	0.00000E+00	0.00000E+00	-32591.	0.00000E+00	0.00000E+00	0.00000E+00	
10491	0	0	0.00000E+00	0.00000E+00	-15347.	0.00000E+00	0.00000E+00	0.00000E+00	
10492	0	0	0.00000E+00	0.00000E+00	-14584.	0.00000E+00	0.00000E+00	0.00000E+00	
10495	0	0	0.00000E+00	0.00000E+00	-16462.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 10495

L O A D C A S E 4255

LoadID=30 Line=2937 Dir=Fwd Pos=31

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	

311	0	0	0.00000E+00	0.00000E+00	-6031.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
314	0	0	0.00000E+00	0.00000E+00	-12885.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
316	0	0	0.00000E+00	0.00000E+00	-5389.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
324	0	0	0.00000E+00	0.00000E+00	-20918.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
330	0	0	0.00000E+00	0.00000E+00	-65945.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0	0	0.00000E+00	0.00000E+00	-9065.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
351	0	0	0.00000E+00	0.00000E+00	-29393.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
353	0	0	0.00000E+00	0.00000E+00	-17947.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
361	0	0	0.00000E+00	0.00000E+00	-3516.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
380	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
382	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
384	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
392	0	0	0.00000E+00	0.00000E+00	-27421.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8833	0	0	0.00000E+00	0.00000E+00	-46113.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8985	0	0	0.00000E+00	0.00000E+00	-2147.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8987	0	0	0.00000E+00	0.00000E+00	-16743.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10491	0	0	0.00000E+00	0.00000E+00	-7579.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10492	0	0	0.00000E+00	0.00000E+00	-18731.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10495	0	0	0.00000E+00	0.00000E+00	-1084.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10498	0	0	0.00000E+00	0.00000E+00	-8457.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10498

L O A D C A S E 4256

LoadID=30 Line=2937 Dir=Fwd Pos=32

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
330	0	0	0.00000E+00	0.00000E+00	-25436.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
348	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
351	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
353	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
361	0	0	0.00000E+00	0.00000E+00	-5501.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
380	0	0	0.00000E+00	0.00000E+00	-8453.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
382	0	0	0.00000E+00	0.00000E+00	-27408.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
384	0	0	0.00000E+00	0.00000E+00	-16735.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
392	0	0	0.00000E+00	0.00000E+00	-67519.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
398	0	0	0.00000E+00	0.00000E+00	-21589.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
417	0	0	0.00000E+00	0.00000E+00	-6058.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
419	0	0	0.00000E+00	0.00000E+00	-13172.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
421	0	0	0.00000E+00	0.00000E+00	-5580.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8833	0	0	0.00000E+00	0.00000E+00	-15531.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8985	0	0	0.00000E+00	0.00000E+00	-3359.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8987	0	0	0.00000E+00	0.00000E+00	-46665.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10492	0	0	0.00000E+00	0.00000E+00	-7844.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10495	0	0	0.00000E+00	0.00000E+00	-1696.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10498	0	0	0.00000E+00	0.00000E+00	-19233.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10499	0	0	0.00000E+00	0.00000E+00	-7587.2	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 = 10499

L O A D C A S E 4257

LoadID=30 Line=2937 Dir=Fwd Pos=33

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
348	0	0	0.00000E+00	0.00000E+00	-20885.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
351	0	0	0.00000E+00	0.00000E+00	-67718.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
353	0	0	0.00000E+00	0.00000E+00	-41348.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
361	0	0	0.00000E+00	0.00000E+00	-57347.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
392	0	0	0.00000E+00	0.00000E+00	-47463.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
398	0	0	0.00000E+00	0.00000E+00	-56374.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
417	0	0	0.00000E+00	0.00000E+00	-13620.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
419	0	0	0.00000E+00	0.00000E+00	-40738.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
421	0	0	0.00000E+00	0.00000E+00	-22457.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8985	0	0	0.00000E+00	0.00000E+00	-35016.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8987	0	0	0.00000E+00	0.00000E+00	-29585.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10495	0	0	0.00000E+00	0.00000E+00	-17686.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10498	0	0	0.00000E+00	0.00000E+00	-14404.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10499	0	0	0.00000E+00	0.00000E+00	-15360.	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 = 10499

L O A D C A S E 4258



LoadID=30 Line=2937 Dir=Fwd Pos=34

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
348	0	0	0.00000E+00	0.00000E+00	-3296.0	0.00000E+00	0.00000E+00	0.00000E+00	
351	0	0	0.00000E+00	0.00000E+00	-10687.	0.00000E+00	0.00000E+00	0.00000E+00	
353	0	0	0.00000E+00	0.00000E+00	-6525.5	0.00000E+00	0.00000E+00	0.00000E+00	
361	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	
380	0	0	0.00000E+00	0.00000E+00	-6245.4	0.00000E+00	0.00000E+00	0.00000E+00	
382	0	0	0.00000E+00	0.00000E+00	-20250.	0.00000E+00	0.00000E+00	0.00000E+00	
384	0	0	0.00000E+00	0.00000E+00	-12365.	0.00000E+00	0.00000E+00	0.00000E+00	
392	0	0	0.00000E+00	0.00000E+00	-15010.	0.00000E+00	0.00000E+00	0.00000E+00	
398	0	0	0.00000E+00	0.00000E+00	-27218.	0.00000E+00	0.00000E+00	0.00000E+00	
417	0	0	0.00000E+00	0.00000E+00	-21445.	0.00000E+00	0.00000E+00	0.00000E+00	
419	0	0	0.00000E+00	0.00000E+00	-73540.	0.00000E+00	0.00000E+00	0.00000E+00	
421	0	0	0.00000E+00	0.00000E+00	-46895.	0.00000E+00	0.00000E+00	0.00000E+00	
429	0	0	0.00000E+00	0.00000E+00	-18278.	0.00000E+00	0.00000E+00	0.00000E+00	
8985	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	
8987	0	0	0.00000E+00	0.00000E+00	-6970.6	0.00000E+00	0.00000E+00	0.00000E+00	
8996	0	0	0.00000E+00	0.00000E+00	-11160.	0.00000E+00	0.00000E+00	0.00000E+00	
10495	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	
10498	0	0	0.00000E+00	0.00000E+00	-6173.2	0.00000E+00	0.00000E+00	0.00000E+00	
10499	0	0	0.00000E+00	0.00000E+00	-7672.0	0.00000E+00	0.00000E+00	0.00000E+00	
10502	0	0	0.00000E+00	0.00000E+00	-5637.2	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10502

L O A D C A S E 4259

LoadID=30 Line=2937 Dir=Fwd Pos=35

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
361	0	0	0.00000E+00	0.00000E+00	-38221.	0.00000E+00	0.00000E+00	0.00000E+00	
380	0	0	0.00000E+00	0.00000E+00	-26784.	0.00000E+00	0.00000E+00	0.00000E+00	
382	0	0	0.00000E+00	0.00000E+00	-86844.	0.00000E+00	0.00000E+00	0.00000E+00	
384	0	0	0.00000E+00	0.00000E+00	-53026.	0.00000E+00	0.00000E+00	0.00000E+00	
417	0	0	0.00000E+00	0.00000E+00	-13004.	0.00000E+00	0.00000E+00	0.00000E+00	
419	0	0	0.00000E+00	0.00000E+00	-42165.	0.00000E+00	0.00000E+00	0.00000E+00	
421	0	0	0.00000E+00	0.00000E+00	-25746.	0.00000E+00	0.00000E+00	0.00000E+00	
429	0	0	0.00000E+00	0.00000E+00	-82900.	0.00000E+00	0.00000E+00	0.00000E+00	
8985	0	0	0.00000E+00	0.00000E+00	-23337.	0.00000E+00	0.00000E+00	0.00000E+00	
8996	0	0	0.00000E+00	0.00000E+00	-50618.	0.00000E+00	0.00000E+00	0.00000E+00	
10495	0	0	0.00000E+00	0.00000E+00	-11788.	0.00000E+00	0.00000E+00	0.00000E+00	
10502	0	0	0.00000E+00	0.00000E+00	-25567.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10502

L O A D C A S E 4260

LoadID=30 Line=2937 Dir=Fwd Pos=36

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
380	0	0	0.00000E+00	0.00000E+00	-26525.	0.00000E+00	0.00000E+00	0.00000E+00	
382	0	0	0.00000E+00	0.00000E+00	-86004.	0.00000E+00	0.00000E+00	0.00000E+00	
384	0	0	0.00000E+00	0.00000E+00	-52513.	0.00000E+00	0.00000E+00	0.00000E+00	
392	0	0	0.00000E+00	0.00000E+00	-39061.	0.00000E+00	0.00000E+00	0.00000E+00	
429	0	0	0.00000E+00	0.00000E+00	-89949.	0.00000E+00	0.00000E+00	0.00000E+00	
450	0	0	0.00000E+00	0.00000E+00	-35116.	0.00000E+00	0.00000E+00	0.00000E+00	
451	0	0	0.00000E+00	0.00000E+00	-10830.	0.00000E+00	0.00000E+00	0.00000E+00	
452	0	0	0.00000E+00	0.00000E+00	-21442.	0.00000E+00	0.00000E+00	0.00000E+00	
8987	0	0	0.00000E+00	0.00000E+00	-23850.	0.00000E+00	0.00000E+00	0.00000E+00	
8996	0	0	0.00000E+00	0.00000E+00	-54922.	0.00000E+00	0.00000E+00	0.00000E+00	
10498	0	0	0.00000E+00	0.00000E+00	-12047.	0.00000E+00	0.00000E+00	0.00000E+00	
10502	0	0	0.00000E+00	0.00000E+00	-27741.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10502

L O A D C A S E 4261

LoadID=30 Line=2937 Dir=Fwd Pos=37

CONCENTRATED LOAD

FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
380	0	0	0.00000E+00	0.00000E+00	-6115.9	0.00000E+00	0.00000E+00	0.00000E+00
382	0	0	0.00000E+00	0.00000E+00	-19830.	0.00000E+00	0.00000E+00	0.00000E+00
384	0	0	0.00000E+00	0.00000E+00	-12108.	0.00000E+00	0.00000E+00	0.00000E+00
392	0	0	0.00000E+00	0.00000E+00	-72992.	0.00000E+00	0.00000E+00	0.00000E+00
398	0	0	0.00000E+00	0.00000E+00	-25161.	0.00000E+00	0.00000E+00	0.00000E+00
417	0	0	0.00000E+00	0.00000E+00	-6218.3	0.00000E+00	0.00000E+00	0.00000E+00
419	0	0	0.00000E+00	0.00000E+00	-14816.	0.00000E+00	0.00000E+00	0.00000E+00
421	0	0	0.00000E+00	0.00000E+00	-6772.7	0.00000E+00	0.00000E+00	0.00000E+00
429	0	0	0.00000E+00	0.00000E+00	-21803.	0.00000E+00	0.00000E+00	0.00000E+00
450	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00
451	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00
452	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00
460	0	0	0.00000E+00	0.00000E+00	-9135.0	0.00000E+00	0.00000E+00	0.00000E+00
8987	0	0	0.00000E+00	0.00000E+00	-47175.	0.00000E+00	0.00000E+00	0.00000E+00
8996	0	0	0.00000E+00	0.00000E+00	-13312.	0.00000E+00	0.00000E+00	0.00000E+00
8998	0	0	0.00000E+00	0.00000E+00	-5577.8	0.00000E+00	0.00000E+00	0.00000E+00
10498	0	0	0.00000E+00	0.00000E+00	-21160.	0.00000E+00	0.00000E+00	0.00000E+00
10499	0	0	0.00000E+00	0.00000E+00	-7651.0	0.00000E+00	0.00000E+00	0.00000E+00
10502	0	0	0.00000E+00	0.00000E+00	-6724.1	0.00000E+00	0.00000E+00	0.00000E+00
10505	0	0	0.00000E+00	0.00000E+00	-2817.3	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10505

L O A D C A S E 4262

LoadID=30 Line=2937 Dir=Fwd Pos=38

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
392	0	0	0.00000E+00	0.00000E+00	-42007.	0.00000E+00	0.00000E+00	0.00000E+00	
398	0	0	0.00000E+00	0.00000E+00	-56620.	0.00000E+00	0.00000E+00	0.00000E+00	
417	0	0	0.00000E+00	0.00000E+00	-14231.	0.00000E+00	0.00000E+00	0.00000E+00	
419	0	0	0.00000E+00	0.00000E+00	-46202.	0.00000E+00	0.00000E+00	0.00000E+00	
421	0	0	0.00000E+00	0.00000E+00	-28142.	0.00000E+00	0.00000E+00	0.00000E+00	
450	0	0	0.00000E+00	0.00000E+00	-60451.	0.00000E+00	0.00000E+00	0.00000E+00	
451	0	0	0.00000E+00	0.00000E+00	-18644.	0.00000E+00	0.00000E+00	0.00000E+00	
452	0	0	0.00000E+00	0.00000E+00	-36911.	0.00000E+00	0.00000E+00	0.00000E+00	
460	0	0	0.00000E+00	0.00000E+00	-64614.	0.00000E+00	0.00000E+00	0.00000E+00	
8987	0	0	0.00000E+00	0.00000E+00	-23672.	0.00000E+00	0.00000E+00	0.00000E+00	
8998	0	0	0.00000E+00	0.00000E+00	-39453.	0.00000E+00	0.00000E+00	0.00000E+00	
10498	0	0	0.00000E+00	0.00000E+00	-13741.	0.00000E+00	0.00000E+00	0.00000E+00	
10499	0	0	0.00000E+00	0.00000E+00	-15385.	0.00000E+00	0.00000E+00	0.00000E+00	
10505	0	0	0.00000E+00	0.00000E+00	-19928.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 10505

L O A D C A S E 4263

LoadID=30 Line=2937 Dir=Fwd Pos=39

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
392	0	0	0.00000E+00	0.00000E+00	-13268.	0.00000E+00	0.00000E+00	0.00000E+00	
398	0	0	0.00000E+00	0.00000E+00	-23321.	0.00000E+00	0.00000E+00	0.00000E+00	
417	0	0	0.00000E+00	0.00000E+00	-19507.	0.00000E+00	0.00000E+00	0.00000E+00	
419	0	0	0.00000E+00	0.00000E+00	-68307.	0.00000E+00	0.00000E+00	0.00000E+00	
421	0	0	0.00000E+00	0.00000E+00	-46642.	0.00000E+00	0.00000E+00	0.00000E+00	
429	0	0	0.00000E+00	0.00000E+00	-25856.	0.00000E+00	0.00000E+00	0.00000E+00	
450	0	0	0.00000E+00	0.00000E+00	-7053.7	0.00000E+00	0.00000E+00	0.00000E+00	
451	0	0	0.00000E+00	0.00000E+00	-2175.4	0.00000E+00	0.00000E+00	0.00000E+00	
452	0	0	0.00000E+00	0.00000E+00	-4306.9	0.00000E+00	0.00000E+00	0.00000E+00	
460	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	
481	0	0	0.00000E+00	0.00000E+00	-23884.	0.00000E+00	0.00000E+00	0.00000E+00	
483	0	0	0.00000E+00	0.00000E+00	-14583.	0.00000E+00	0.00000E+00	0.00000E+00	
484	0	0	0.00000E+00	0.00000E+00	-7366.0	0.00000E+00	0.00000E+00	0.00000E+00	
8987	0	0	0.00000E+00	0.00000E+00	-5706.2	0.00000E+00	0.00000E+00	0.00000E+00	
8996	0	0	0.00000E+00	0.00000E+00	-15788.	0.00000E+00	0.00000E+00	0.00000E+00	
8998	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	
10498	0	0	0.00000E+00	0.00000E+00	-5997.4	0.00000E+00	0.00000E+00	0.00000E+00	
10499	0	0	0.00000E+00	0.00000E+00	-7632.6	0.00000E+00	0.00000E+00	0.00000E+00	
10502	0	0	0.00000E+00	0.00000E+00	-7974.3	0.00000E+00	0.00000E+00	0.00000E+00	
10505	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10505

L O A D C A S E 4264

LoadID=30 Line=2937 Dir=Fwd Pos=40

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
417	0	0	0.00000E+00	0.00000E+00	-8935.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
419	0	0	0.00000E+00	0.00000E+00	-28973.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
421	0	0	0.00000E+00	0.00000E+00	-17691.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
429	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
450	0	0	0.00000E+00	0.00000E+00	-1964.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
451	0	0	0.00000E+00	0.00000E+00	-605.79	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
452	0	0	0.00000E+00	0.00000E+00	-1199.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
460	0	0	0.00000E+00	0.00000E+00	-30954.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
481	0	0	0.00000E+00	0.00000E+00	-94111.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
483	0	0	0.00000E+00	0.00000E+00	-57464.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
484	0	0	0.00000E+00	0.00000E+00	-29025.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8996	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8998	0	0	0.00000E+00	0.00000E+00	-18900.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10502	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10505	0	0	0.00000E+00	0.00000E+00	-9546.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 15  
 LARGEST NODE OR ELEMENT NUMBER = 10505

L O A D C A S E 4265

LoadID=30 Line=2937 Dir=Fwd Pos=41

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
429	0	0	0.00000E+00	0.00000E+00	-74793.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
450	0	0	0.00000E+00	0.00000E+00	-50272.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
451	0	0	0.00000E+00	0.00000E+00	-15505.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
452	0	0	0.00000E+00	0.00000E+00	-30696.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
481	0	0	0.00000E+00	0.00000E+00	-49493.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
483	0	0	0.00000E+00	0.00000E+00	-32328.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
484	0	0	0.00000E+00	0.00000E+00	-14664.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
491	0	0	0.00000E+00	0.00000E+00	-56224.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
497	0	0	0.00000E+00	0.00000E+00	-38279.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8996	0	0	0.00000E+00	0.00000E+00	-45668.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9000	0	0	0.00000E+00	0.00000E+00	-20312.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10502	0	0	0.00000E+00	0.00000E+00	-23067.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10508	0	0	0.00000E+00	0.00000E+00	-15373.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10509	0	0	0.00000E+00	0.00000E+00	-13326.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
 LARGEST NODE OR ELEMENT NUMBER = 10509

L O A D C A S E 4266

LoadID=30 Line=2937 Dir=Fwd Pos=42

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
429	0	0	0.00000E+00	0.00000E+00	-14224.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
450	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
451	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
452	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
460	0	0	0.00000E+00	0.00000E+00	-16713.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
481	0	0	0.00000E+00	0.00000E+00	-16204.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
483	0	0	0.00000E+00	0.00000E+00	-7789.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
484	0	0	0.00000E+00	0.00000E+00	-6360.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
491	0	0	0.00000E+00	0.00000E+00	-27947.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
497	0	0	0.00000E+00	0.00000E+00	-75984.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-14741.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
520	0	0	0.00000E+00	0.00000E+00	-9000.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
521	0	0	0.00000E+00	0.00000E+00	-4546.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8996	0	0	0.00000E+00	0.00000E+00	-8685.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8998	0	0	0.00000E+00	0.00000E+00	-10205.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9000	0	0	0.00000E+00	0.00000E+00	-47280.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10502	0	0	0.00000E+00	0.00000E+00	-4387.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10505	0	0	0.00000E+00	0.00000E+00	-5154.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10508	0	0	0.00000E+00	0.00000E+00	-7695.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10509	0	0	0.00000E+00	0.00000E+00	-22451.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10509

L O A D C A S E 4267

LoadID=30 Line=2937 Dir=Fwd Pos=43

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
450	0	0	0.00000E+00	0.00000E+00	-45295.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
451	0	0	0.00000E+00	0.00000E+00	-13970.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
452	0	0	0.00000E+00	0.00000E+00	-27657.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
460	0	0	0.00000E+00	0.00000E+00	-79770.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
497	0	0	0.00000E+00	0.00000E+00	-49240.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-75825.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
520	0	0	0.00000E+00	0.00000E+00	-46298.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
521	0	0	0.00000E+00	0.00000E+00	-23385.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8998	0	0	0.00000E+00	0.00000E+00	-48707.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9000	0	0	0.00000E+00	0.00000E+00	-30065.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10505	0	0	0.00000E+00	0.00000E+00	-24602.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10509	0	0	0.00000E+00	0.00000E+00	-15186.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10509

L O A D C A S E 4268

LoadID=30 Line=2937 Dir=Fwd Pos=44

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
460	0	0	0.00000E+00	0.00000E+00	-93079.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
481	0	0	0.00000E+00	0.00000E+00	-31986.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
483	0	0	0.00000E+00	0.00000E+00	-19530.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
484	0	0	0.00000E+00	0.00000E+00	-9864.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
497	0	0	0.00000E+00	0.00000E+00	-1448.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
520	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
521	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
528	0	0	0.00000E+00	0.00000E+00	-29490.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8998	0	0	0.00000E+00	0.00000E+00	-56833.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9000	0	0	0.00000E+00	0.00000E+00	-884.12	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9002	0	0	0.00000E+00	0.00000E+00	-18006.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10505	0	0	0.00000E+00	0.00000E+00	-28707.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10509	0	0	0.00000E+00	0.00000E+00	-446.57	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10512	0	0	0.00000E+00	0.00000E+00	-9094.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 15  
 LARGEST NODE OR ELEMENT NUMBER = 10512

L O A D C A S E 4269

LoadID=30 Line=2937 Dir=Fwd Pos=45

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
460	0	0	0.00000E+00	0.00000E+00	-23368.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
481	0	0	0.00000E+00	0.00000E+00	-70158.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
483	0	0	0.00000E+00	0.00000E+00	-46830.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
484	0	0	0.00000E+00	0.00000E+00	-20142.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
491	0	0	0.00000E+00	0.00000E+00	-24500.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
497	0	0	0.00000E+00	0.00000E+00	-13771.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-25340.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
520	0	0	0.00000E+00	0.00000E+00	-15472.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
521	0	0	0.00000E+00	0.00000E+00	-7815.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
528	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
549	0	0	0.00000E+00	0.00000E+00	-5597.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
551	0	0	0.00000E+00	0.00000E+00	-3417.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-1726.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8998	0	0	0.00000E+00	0.00000E+00	-14268.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9000	0	0	0.00000E+00	0.00000E+00	-6068.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9002	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10505	0	0	0.00000E+00	0.00000E+00	-7206.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10508	0	0	0.00000E+00	0.00000E+00	-7642.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10509	0	0	0.00000E+00	0.00000E+00	-6046.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10512	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10512

L O A D C A S E 4270

LoadID=30 Line=2937 Dir=Fwd Pos=46

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
481	0	0	0.00000E+00	0.00000E+00	-44448.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
483	0	0	0.00000E+00	0.00000E+00	-26162.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
484	0	0	0.00000E+00	0.00000E+00	-14025.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
491	0	0	0.00000E+00	0.00000E+00	-56658.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
497	0	0	0.00000E+00	0.00000E+00	-43856.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
528	0	0	0.00000E+00	0.00000E+00	-67526.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
549	0	0	0.00000E+00	0.00000E+00	-57539.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
551	0	0	0.00000E+00	0.00000E+00	-35133.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-17746.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9000	0	0	0.00000E+00	0.00000E+00	-25513.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9002	0	0	0.00000E+00	0.00000E+00	-41231.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10508	0	0	0.00000E+00	0.00000E+00	-15383.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10509	0	0	0.00000E+00	0.00000E+00	-13955.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10512	0	0	0.00000E+00	0.00000E+00	-20826.	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 = 10512

L O A D C A S E 4271

LoadID=30 Line=2937 Dir=Fwd Pos=47

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
481	0	0	0.00000E+00	0.00000E+00	-14201.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
483	0	0	0.00000E+00	0.00000E+00	-6321.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
484	0	0	0.00000E+00	0.00000E+00	-6157.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
491	0	0	0.00000E+00	0.00000E+00	-23860.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
497	0	0	0.00000E+00	0.00000E+00	-71326.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-22319.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
520	0	0	0.00000E+00	0.00000E+00	-13628.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
521	0	0	0.00000E+00	0.00000E+00	-6883.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
528	0	0	0.00000E+00	0.00000E+00	-10591.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
549	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
551	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
559	0	0	0.00000E+00	0.00000E+00	-20346.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8967	0	0	0.00000E+00	0.00000E+00	-12423.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9000	0	0	0.00000E+00	0.00000E+00	-47151.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9002	0	0	0.00000E+00	0.00000E+00	-6466.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10508	0	0	0.00000E+00	0.00000E+00	-7627.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10509	0	0	0.00000E+00	0.00000E+00	-20526.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10512	0	0	0.00000E+00	0.00000E+00	-3266.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10515	0	0	0.00000E+00	0.00000E+00	-6275.1	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 = 10515

L O A D C A S E 4272

LoadID=30 Line=2937 Dir=Fwd Pos=48

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
497	0	0	0.00000E+00	0.00000E+00	-34084.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
518	0	0	0.00000E+00	0.00000E+00	-90981.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
520	0	0	0.00000E+00	0.00000E+00	-55552.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
521	0	0	0.00000E+00	0.00000E+00	-28060.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
549	0	0	0.00000E+00	0.00000E+00	-38028.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
551	0	0	0.00000E+00	0.00000E+00	-23220.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-11728.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
559	0	0	0.00000E+00	0.00000E+00	-87037.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8967	0	0	0.00000E+00	0.00000E+00	-53144.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9000	0	0	0.00000E+00	0.00000E+00	-20811.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10509	0	0	0.00000E+00	0.00000E+00	-10512.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10515	0	0	0.00000E+00	0.00000E+00	-26843.	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 = 10515

L O A D C A S E 4273

LoadID=30 Line=2937 Dir=Fwd Pos=49

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
518	0	0	0.00000E+00	0.00000E+00	-81867.	0.00000E+00	0.00000E+00	0.00000E+00	
520	0	0	0.00000E+00	0.00000E+00	-49988.	0.00000E+00	0.00000E+00	0.00000E+00	
521	0	0	0.00000E+00	0.00000E+00	-25249.	0.00000E+00	0.00000E+00	0.00000E+00	
528	0	0	0.00000E+00	0.00000E+00	-43198.	0.00000E+00	0.00000E+00	0.00000E+00	
559	0	0	0.00000E+00	0.00000E+00	-51870.	0.00000E+00	0.00000E+00	0.00000E+00	
565	0	0	0.00000E+00	0.00000E+00	-55078.	0.00000E+00	0.00000E+00	0.00000E+00	
586	0	0	0.00000E+00	0.00000E+00	-35960.	0.00000E+00	0.00000E+00	0.00000E+00	
588	0	0	0.00000E+00	0.00000E+00	-18344.	0.00000E+00	0.00000E+00	0.00000E+00	
591	0	0	0.00000E+00	0.00000E+00	-13121.	0.00000E+00	0.00000E+00	0.00000E+00	
8967	0	0	0.00000E+00	0.00000E+00	-35242.	0.00000E+00	0.00000E+00	0.00000E+00	
9002	0	0	0.00000E+00	0.00000E+00	-26376.	0.00000E+00	0.00000E+00	0.00000E+00	
10512	0	0	0.00000E+00	0.00000E+00	-13323.	0.00000E+00	0.00000E+00	0.00000E+00	
10515	0	0	0.00000E+00	0.00000E+00	-15070.	0.00000E+00	0.00000E+00	0.00000E+00	
10516	0	0	0.00000E+00	0.00000E+00	-15315.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 10516

L O A D C A S E 4274

LoadID=30 Line=2937 Dir=Fwd Pos=50

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
518	0	0	0.00000E+00	0.00000E+00	-17762.	0.00000E+00	0.00000E+00	0.00000E+00	
520	0	0	0.00000E+00	0.00000E+00	-10845.	0.00000E+00	0.00000E+00	0.00000E+00	
521	0	0	0.00000E+00	0.00000E+00	-5477.9	0.00000E+00	0.00000E+00	0.00000E+00	
528	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	
549	0	0	0.00000E+00	0.00000E+00	-13176.	0.00000E+00	0.00000E+00	0.00000E+00	
551	0	0	0.00000E+00	0.00000E+00	-8045.0	0.00000E+00	0.00000E+00	0.00000E+00	
554	0	0	0.00000E+00	0.00000E+00	-4063.5	0.00000E+00	0.00000E+00	0.00000E+00	
559	0	0	0.00000E+00	0.00000E+00	-17027.	0.00000E+00	0.00000E+00	0.00000E+00	
565	0	0	0.00000E+00	0.00000E+00	-30861.	0.00000E+00	0.00000E+00	0.00000E+00	
586	0	0	0.00000E+00	0.00000E+00	-77515.	0.00000E+00	0.00000E+00	0.00000E+00	
588	0	0	0.00000E+00	0.00000E+00	-47311.	0.00000E+00	0.00000E+00	0.00000E+00	
591	0	0	0.00000E+00	0.00000E+00	-23261.	0.00000E+00	0.00000E+00	0.00000E+00	
596	0	0	0.00000E+00	0.00000E+00	-11203.	0.00000E+00	0.00000E+00	0.00000E+00	
8967	0	0	0.00000E+00	0.00000E+00	-8421.5	0.00000E+00	0.00000E+00	0.00000E+00	
8970	0	0	0.00000E+00	0.00000E+00	-6840.7	0.00000E+00	0.00000E+00	0.00000E+00	
9002	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	
10512	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	
10515	0	0	0.00000E+00	0.00000E+00	-6398.9	0.00000E+00	0.00000E+00	0.00000E+00	
10516	0	0	0.00000E+00	0.00000E+00	-7706.2	0.00000E+00	0.00000E+00	0.00000E+00	
10519	0	0	0.00000E+00	0.00000E+00	-3455.3	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10519

L O A D C A S E 4275

LoadID=30 Line=2937 Dir=Fwd Pos=51

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
528	0	0	0.00000E+00	0.00000E+00	-52370.	0.00000E+00	0.00000E+00	0.00000E+00	
549	0	0	0.00000E+00	0.00000E+00	-72695.	0.00000E+00	0.00000E+00	0.00000E+00	
551	0	0	0.00000E+00	0.00000E+00	-44387.	0.00000E+00	0.00000E+00	0.00000E+00	
554	0	0	0.00000E+00	0.00000E+00	-22420.	0.00000E+00	0.00000E+00	0.00000E+00	
586	0	0	0.00000E+00	0.00000E+00	-56314.	0.00000E+00	0.00000E+00	0.00000E+00	
588	0	0	0.00000E+00	0.00000E+00	-34385.	0.00000E+00	0.00000E+00	0.00000E+00	
591	0	0	0.00000E+00	0.00000E+00	-17368.	0.00000E+00	0.00000E+00	0.00000E+00	
596	0	0	0.00000E+00	0.00000E+00	-68751.	0.00000E+00	0.00000E+00	0.00000E+00	
8970	0	0	0.00000E+00	0.00000E+00	-41979.	0.00000E+00	0.00000E+00	0.00000E+00	
9002	0	0	0.00000E+00	0.00000E+00	-31977.	0.00000E+00	0.00000E+00	0.00000E+00	
10512	0	0	0.00000E+00	0.00000E+00	-16151.	0.00000E+00	0.00000E+00	0.00000E+00	
10519	0	0	0.00000E+00	0.00000E+00	-21203.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10519

L O A D C A S E 4276

LoadID=30 Line=2937 Dir=Fwd Pos=52

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
528	0	0	0.00000E+00	0.00000E+00	-3013.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
549	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
551	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
559	0	0	0.00000E+00	0.00000E+00	-27924.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
586	0	0	0.00000E+00	0.00000E+00	-4985.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
588	0	0	0.00000E+00	0.00000E+00	-3044.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
591	0	0	0.00000E+00	0.00000E+00	-1537.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
596	0	0	0.00000E+00	0.00000E+00	-94127.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
623	0	0	0.00000E+00	0.00000E+00	-25952.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
625	0	0	0.00000E+00	0.00000E+00	-15846.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
629	0	0	0.00000E+00	0.00000E+00	-8004.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8967	0	0	0.00000E+00	0.00000E+00	-17050.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8970	0	0	0.00000E+00	0.00000E+00	-57473.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9002	0	0	0.00000E+00	0.00000E+00	-1839.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10512	0	0	0.00000E+00	0.00000E+00	-929.25	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10515	0	0	0.00000E+00	0.00000E+00	-8612.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10519	0	0	0.00000E+00	0.00000E+00	-29030.	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 = 10519

L O A D C A S E 4277

LoadID=30 Line=2937 Dir=Fwd Pos=53

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
549	0	0	0.00000E+00	0.00000E+00	-26905.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
551	0	0	0.00000E+00	0.00000E+00	-16428.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
554	0	0	0.00000E+00	0.00000E+00	-8297.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
559	0	0	0.00000E+00	0.00000E+00	-67909.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
565	0	0	0.00000E+00	0.00000E+00	-21790.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
586	0	0	0.00000E+00	0.00000E+00	-13254.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
588	0	0	0.00000E+00	0.00000E+00	-5638.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
591	0	0	0.00000E+00	0.00000E+00	-6066.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
596	0	0	0.00000E+00	0.00000E+00	-28877.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
623	0	0	0.00000E+00	0.00000E+00	-94128.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
625	0	0	0.00000E+00	0.00000E+00	-57474.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
629	0	0	0.00000E+00	0.00000E+00	-29030.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
633	0	0	0.00000E+00	0.00000E+00	-2059.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8967	0	0	0.00000E+00	0.00000E+00	-46761.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8970	0	0	0.00000E+00	0.00000E+00	-17632.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8973	0	0	0.00000E+00	0.00000E+00	-1257.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10515	0	0	0.00000E+00	0.00000E+00	-19359.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10516	0	0	0.00000E+00	0.00000E+00	-7590.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10519	0	0	0.00000E+00	0.00000E+00	-8906.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10522	0	0	0.00000E+00	0.00000E+00	-635.18	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 = 10522

L O A D C A S E 4278

LoadID=30 Line=2937 Dir=Fwd Pos=54

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
559	0	0	0.00000E+00	0.00000E+00	-47120.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
565	0	0	0.00000E+00	0.00000E+00	-56427.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
586	0	0	0.00000E+00	0.00000E+00	-41105.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
588	0	0	0.00000E+00	0.00000E+00	-22800.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
591	0	0	0.00000E+00	0.00000E+00	-13658.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
623	0	0	0.00000E+00	0.00000E+00	-74621.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
625	0	0	0.00000E+00	0.00000E+00	-45563.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
629	0	0	0.00000E+00	0.00000E+00	-23014.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
633	0	0	0.00000E+00	0.00000E+00	-50444.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8967	0	0	0.00000E+00	0.00000E+00	-29168.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8973	0	0	0.00000E+00	0.00000E+00	-30801.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10515	0	0	0.00000E+00	0.00000E+00	-14359.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10516	0	0	0.00000E+00	0.00000E+00	-15364.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10522	0	0	0.00000E+00	0.00000E+00	-15557.	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 = 10522

L O A D C A S E 4279

LoadID=30 Line=2937 Dir=Fwd Pos=55

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
559	0	0	0.00000E+00	0.00000E+00	-14879.	0.00000E+00	0.00000E+00	0.00000E+00		
565	0	0	0.00000E+00	0.00000E+00	-26932.	0.00000E+00	0.00000E+00	0.00000E+00		
586	0	0	0.00000E+00	0.00000E+00	-73234.	0.00000E+00	0.00000E+00	0.00000E+00		
588	0	0	0.00000E+00	0.00000E+00	-46892.	0.00000E+00	0.00000E+00	0.00000E+00		
591	0	0	0.00000E+00	0.00000E+00	-21317.	0.00000E+00	0.00000E+00	0.00000E+00		
596	0	0	0.00000E+00	0.00000E+00	-18781.	0.00000E+00	0.00000E+00	0.00000E+00		
623	0	0	0.00000E+00	0.00000E+00	-14148.	0.00000E+00	0.00000E+00	0.00000E+00		
625	0	0	0.00000E+00	0.00000E+00	-8638.8	0.00000E+00	0.00000E+00	0.00000E+00		
629	0	0	0.00000E+00	0.00000E+00	-4363.5	0.00000E+00	0.00000E+00	0.00000E+00		
633	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00		
654	0	0	0.00000E+00	0.00000E+00	-16776.	0.00000E+00	0.00000E+00	0.00000E+00		
656	0	0	0.00000E+00	0.00000E+00	-10244.	0.00000E+00	0.00000E+00	0.00000E+00		
661	0	0	0.00000E+00	0.00000E+00	-5174.1	0.00000E+00	0.00000E+00	0.00000E+00		
8967	0	0	0.00000E+00	0.00000E+00	-6875.5	0.00000E+00	0.00000E+00	0.00000E+00		
8970	0	0	0.00000E+00	0.00000E+00	-11468.	0.00000E+00	0.00000E+00	0.00000E+00		
8973	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00		
10515	0	0	0.00000E+00	0.00000E+00	-6159.8	0.00000E+00	0.00000E+00	0.00000E+00		
10516	0	0	0.00000E+00	0.00000E+00	-7669.0	0.00000E+00	0.00000E+00	0.00000E+00		
10519	0	0	0.00000E+00	0.00000E+00	-5792.4	0.00000E+00	0.00000E+00	0.00000E+00		
10522	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10522

L O A D C A S E 4280

LoadID=30 Line=2937 Dir=Fwd Pos=56

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
586	0	0	0.00000E+00	0.00000E+00	-41158.	0.00000E+00	0.00000E+00	0.00000E+00		
588	0	0	0.00000E+00	0.00000E+00	-25131.	0.00000E+00	0.00000E+00	0.00000E+00		
591	0	0	0.00000E+00	0.00000E+00	-12694.	0.00000E+00	0.00000E+00	0.00000E+00		
596	0	0	0.00000E+00	0.00000E+00	-83907.	0.00000E+00	0.00000E+00	0.00000E+00		
633	0	0	0.00000E+00	0.00000E+00	-45187.	0.00000E+00	0.00000E+00	0.00000E+00		
654	0	0	0.00000E+00	0.00000E+00	-79878.	0.00000E+00	0.00000E+00	0.00000E+00		
656	0	0	0.00000E+00	0.00000E+00	-48773.	0.00000E+00	0.00000E+00	0.00000E+00		
661	0	0	0.00000E+00	0.00000E+00	-24635.	0.00000E+00	0.00000E+00	0.00000E+00		
8970	0	0	0.00000E+00	0.00000E+00	-51233.	0.00000E+00	0.00000E+00	0.00000E+00		
8973	0	0	0.00000E+00	0.00000E+00	-27591.	0.00000E+00	0.00000E+00	0.00000E+00		
10519	0	0	0.00000E+00	0.00000E+00	-25878.	0.00000E+00	0.00000E+00	0.00000E+00		
10522	0	0	0.00000E+00	0.00000E+00	-13936.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10522

L O A D C A S E 4281

LoadID=30 Line=2937 Dir=Fwd Pos=57

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
596	0	0	0.00000E+00	0.00000E+00	-88942.	0.00000E+00	0.00000E+00	0.00000E+00		
623	0	0	0.00000E+00	0.00000E+00	-36123.	0.00000E+00	0.00000E+00	0.00000E+00		
625	0	0	0.00000E+00	0.00000E+00	-22056.	0.00000E+00	0.00000E+00	0.00000E+00		
629	0	0	0.00000E+00	0.00000E+00	-11141.	0.00000E+00	0.00000E+00	0.00000E+00		
654	0	0	0.00000E+00	0.00000E+00	-53648.	0.00000E+00	0.00000E+00	0.00000E+00		
656	0	0	0.00000E+00	0.00000E+00	-37204.	0.00000E+00	0.00000E+00	0.00000E+00		
661	0	0	0.00000E+00	0.00000E+00	-15325.	0.00000E+00	0.00000E+00	0.00000E+00		
664	0	0	0.00000E+00	0.00000E+00	-55026.	0.00000E+00	0.00000E+00	0.00000E+00		
670	0	0	0.00000E+00	0.00000E+00	-33834.	0.00000E+00	0.00000E+00	0.00000E+00		
8970	0	0	0.00000E+00	0.00000E+00	-54307.	0.00000E+00	0.00000E+00	0.00000E+00		
8976	0	0	0.00000E+00	0.00000E+00	-16768.	0.00000E+00	0.00000E+00	0.00000E+00		
10519	0	0	0.00000E+00	0.00000E+00	-27431.	0.00000E+00	0.00000E+00	0.00000E+00		
10525	0	0	0.00000E+00	0.00000E+00	-15361.	0.00000E+00	0.00000E+00	0.00000E+00		
10526	0	0	0.00000E+00	0.00000E+00	-12835.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14  
 LARGEST NODE OR ELEMENT NUMBER = 10526

L O A D C A S E 4282



LoadID=30 Line=2937 Dir=Fwd Pos=58

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
596	0	0	0.00000E+00	0.00000E+00	-21299.	0.00000E+00	0.00000E+00	0.00000E+00	
623	0	0	0.00000E+00	0.00000E+00	-94131.	0.00000E+00	0.00000E+00	0.00000E+00	
625	0	0	0.00000E+00	0.00000E+00	-57476.	0.00000E+00	0.00000E+00	0.00000E+00	
629	0	0	0.00000E+00	0.00000E+00	-29031.	0.00000E+00	0.00000E+00	0.00000E+00	
633	0	0	0.00000E+00	0.00000E+00	-9634.4	0.00000E+00	0.00000E+00	0.00000E+00	
654	0	0	0.00000E+00	0.00000E+00	-18353.	0.00000E+00	0.00000E+00	0.00000E+00	
656	0	0	0.00000E+00	0.00000E+00	-9350.8	0.00000E+00	0.00000E+00	0.00000E+00	
661	0	0	0.00000E+00	0.00000E+00	-6587.7	0.00000E+00	0.00000E+00	0.00000E+00	
664	0	0	0.00000E+00	0.00000E+00	-31447.	0.00000E+00	0.00000E+00	0.00000E+00	
670	0	0	0.00000E+00	0.00000E+00	-79699.	0.00000E+00	0.00000E+00	0.00000E+00	
691	0	0	0.00000E+00	0.00000E+00	-7585.7	0.00000E+00	0.00000E+00	0.00000E+00	
693	0	0	0.00000E+00	0.00000E+00	-4631.7	0.00000E+00	0.00000E+00	0.00000E+00	
698	0	0	0.00000E+00	0.00000E+00	-2339.5	0.00000E+00	0.00000E+00	0.00000E+00	
8970	0	0	0.00000E+00	0.00000E+00	-13005.	0.00000E+00	0.00000E+00	0.00000E+00	
8973	0	0	0.00000E+00	0.00000E+00	-5882.7	0.00000E+00	0.00000E+00	0.00000E+00	
8976	0	0	0.00000E+00	0.00000E+00	-48021.	0.00000E+00	0.00000E+00	0.00000E+00	
10519	0	0	0.00000E+00	0.00000E+00	-6568.9	0.00000E+00	0.00000E+00	0.00000E+00	
10522	0	0	0.00000E+00	0.00000E+00	-2971.4	0.00000E+00	0.00000E+00	0.00000E+00	
10525	0	0	0.00000E+00	0.00000E+00	-7729.5	0.00000E+00	0.00000E+00	0.00000E+00	
10526	0	0	0.00000E+00	0.00000E+00	-24255.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10526

L O A D C A S E 4283

LoadID=30 Line=2937 Dir=Fwd Pos=59

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
623	0	0	0.00000E+00	0.00000E+00	-59471.	0.00000E+00	0.00000E+00	0.00000E+00	
625	0	0	0.00000E+00	0.00000E+00	-36313.	0.00000E+00	0.00000E+00	0.00000E+00	
629	0	0	0.00000E+00	0.00000E+00	-18342.	0.00000E+00	0.00000E+00	0.00000E+00	
633	0	0	0.00000E+00	0.00000E+00	-65593.	0.00000E+00	0.00000E+00	0.00000E+00	
670	0	0	0.00000E+00	0.00000E+00	-63569.	0.00000E+00	0.00000E+00	0.00000E+00	
691	0	0	0.00000E+00	0.00000E+00	-61496.	0.00000E+00	0.00000E+00	0.00000E+00	
693	0	0	0.00000E+00	0.00000E+00	-37549.	0.00000E+00	0.00000E+00	0.00000E+00	
698	0	0	0.00000E+00	0.00000E+00	-18966.	0.00000E+00	0.00000E+00	0.00000E+00	
8973	0	0	0.00000E+00	0.00000E+00	-40051.	0.00000E+00	0.00000E+00	0.00000E+00	
8976	0	0	0.00000E+00	0.00000E+00	-38815.	0.00000E+00	0.00000E+00	0.00000E+00	
10522	0	0	0.00000E+00	0.00000E+00	-20230.	0.00000E+00	0.00000E+00	0.00000E+00	
10526	0	0	0.00000E+00	0.00000E+00	-19605.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10526

L O A D C A S E 4284

LoadID=30 Line=2937 Dir=Fwd Pos=60

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
623	0	0	0.00000E+00	0.00000E+00	-6573.4	0.00000E+00	0.00000E+00	0.00000E+00	
625	0	0	0.00000E+00	0.00000E+00	-4013.7	0.00000E+00	0.00000E+00	0.00000E+00	
629	0	0	0.00000E+00	0.00000E+00	-2027.3	0.00000E+00	0.00000E+00	0.00000E+00	
633	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00	
654	0	0	0.00000E+00	0.00000E+00	-24351.	0.00000E+00	0.00000E+00	0.00000E+00	
656	0	0	0.00000E+00	0.00000E+00	-14869.	0.00000E+00	0.00000E+00	0.00000E+00	
661	0	0	0.00000E+00	0.00000E+00	-7510.2	0.00000E+00	0.00000E+00	0.00000E+00	
670	0	0	0.00000E+00	0.00000E+00	-8622.2	0.00000E+00	0.00000E+00	0.00000E+00	
691	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00	
693	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	
698	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00	
701	0	0	0.00000E+00	0.00000E+00	-22303.	0.00000E+00	0.00000E+00	0.00000E+00	
8973	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	
8976	0	0	0.00000E+00	0.00000E+00	-5264.6	0.00000E+00	0.00000E+00	0.00000E+00	
8978	0	0	0.00000E+00	0.00000E+00	-13618.	0.00000E+00	0.00000E+00	0.00000E+00	
10522	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00	
10526	0	0	0.00000E+00	0.00000E+00	-2659.2	0.00000E+00	0.00000E+00	0.00000E+00	
10529	0	0	0.00000E+00	0.00000E+00	-6878.4	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 18  
LARGEST NODE OR ELEMENT NUMBER = 10529

L O A D C A S E 4285

LoadID=30 Line=2937 Dir=Fwd Pos=61

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
633	0	0	0.00000E+00	0.00000E+00	-30481.	0.00000E+00	0.00000E+00	0.00000E+00		
654	0	0	0.00000E+00	0.00000E+00	-64688.	0.00000E+00	0.00000E+00	0.00000E+00		
656	0	0	0.00000E+00	0.00000E+00	-45438.	0.00000E+00	0.00000E+00	0.00000E+00		
661	0	0	0.00000E+00	0.00000E+00	-18341.	0.00000E+00	0.00000E+00	0.00000E+00		
664	0	0	0.00000E+00	0.00000E+00	-21610.	0.00000E+00	0.00000E+00	0.00000E+00		
670	0	0	0.00000E+00	0.00000E+00	-12602.	0.00000E+00	0.00000E+00	0.00000E+00		
691	0	0	0.00000E+00	0.00000E+00	-34135.	0.00000E+00	0.00000E+00	0.00000E+00		
693	0	0	0.00000E+00	0.00000E+00	-20843.	0.00000E+00	0.00000E+00	0.00000E+00		
698	0	0	0.00000E+00	0.00000E+00	-10528.	0.00000E+00	0.00000E+00	0.00000E+00		
701	0	0	0.00000E+00	0.00000E+00	-90930.	0.00000E+00	0.00000E+00	0.00000E+00		
8973	0	0	0.00000E+00	0.00000E+00	-18612.	0.00000E+00	0.00000E+00	0.00000E+00		
8976	0	0	0.00000E+00	0.00000E+00	-5259.5	0.00000E+00	0.00000E+00	0.00000E+00		
8978	0	0	0.00000E+00	0.00000E+00	-55521.	0.00000E+00	0.00000E+00	0.00000E+00		
10522	0	0	0.00000E+00	0.00000E+00	-9400.7	0.00000E+00	0.00000E+00	0.00000E+00		
10525	0	0	0.00000E+00	0.00000E+00	-7631.2	0.00000E+00	0.00000E+00	0.00000E+00		
10526	0	0	0.00000E+00	0.00000E+00	-5936.4	0.00000E+00	0.00000E+00	0.00000E+00		
10529	0	0	0.00000E+00	0.00000E+00	-28044.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 17  
 LARGEST NODE OR ELEMENT NUMBER = 10529

L O A D C A S E 4286

LoadID=30 Line=2937 Dir=Fwd Pos=62

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
654	0	0	0.00000E+00	0.00000E+00	-49226.	0.00000E+00	0.00000E+00	0.00000E+00		
656	0	0	0.00000E+00	0.00000E+00	-31967.	0.00000E+00	0.00000E+00	0.00000E+00		
661	0	0	0.00000E+00	0.00000E+00	-14626.	0.00000E+00	0.00000E+00	0.00000E+00		
664	0	0	0.00000E+00	0.00000E+00	-56283.	0.00000E+00	0.00000E+00	0.00000E+00		
670	0	0	0.00000E+00	0.00000E+00	-38587.	0.00000E+00	0.00000E+00	0.00000E+00		
701	0	0	0.00000E+00	0.00000E+00	-81951.	0.00000E+00	0.00000E+00	0.00000E+00		
722	0	0	0.00000E+00	0.00000E+00	-43114.	0.00000E+00	0.00000E+00	0.00000E+00		
724	0	0	0.00000E+00	0.00000E+00	-26325.	0.00000E+00	0.00000E+00	0.00000E+00		
731	0	0	0.00000E+00	0.00000E+00	-13297.	0.00000E+00	0.00000E+00	0.00000E+00		
8976	0	0	0.00000E+00	0.00000E+00	-20574.	0.00000E+00	0.00000E+00	0.00000E+00		
8978	0	0	0.00000E+00	0.00000E+00	-50038.	0.00000E+00	0.00000E+00	0.00000E+00		
10525	0	0	0.00000E+00	0.00000E+00	-15376.	0.00000E+00	0.00000E+00	0.00000E+00		
10526	0	0	0.00000E+00	0.00000E+00	-13361.	0.00000E+00	0.00000E+00	0.00000E+00		
10529	0	0	0.00000E+00	0.00000E+00	-25274.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14  
 LARGEST NODE OR ELEMENT NUMBER = 10529

L O A D C A S E 4287

LoadID=30 Line=2937 Dir=Fwd Pos=63

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
654	0	0	0.00000E+00	0.00000E+00	-16078.	0.00000E+00	0.00000E+00	0.00000E+00		
656	0	0	0.00000E+00	0.00000E+00	-7698.2	0.00000E+00	0.00000E+00	0.00000E+00		
661	0	0	0.00000E+00	0.00000E+00	-6347.1	0.00000E+00	0.00000E+00	0.00000E+00		
664	0	0	0.00000E+00	0.00000E+00	-27718.	0.00000E+00	0.00000E+00	0.00000E+00		
670	0	0	0.00000E+00	0.00000E+00	-75760.	0.00000E+00	0.00000E+00	0.00000E+00		
691	0	0	0.00000E+00	0.00000E+00	-15161.	0.00000E+00	0.00000E+00	0.00000E+00		
693	0	0	0.00000E+00	0.00000E+00	-9256.9	0.00000E+00	0.00000E+00	0.00000E+00		
698	0	0	0.00000E+00	0.00000E+00	-4675.7	0.00000E+00	0.00000E+00	0.00000E+00		
701	0	0	0.00000E+00	0.00000E+00	-17813.	0.00000E+00	0.00000E+00	0.00000E+00		
722	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00		
724	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00		
731	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00		
732	0	0	0.00000E+00	0.00000E+00	-13112.	0.00000E+00	0.00000E+00	0.00000E+00		
8976	0	0	0.00000E+00	0.00000E+00	-47267.	0.00000E+00	0.00000E+00	0.00000E+00		
8978	0	0	0.00000E+00	0.00000E+00	-10876.	0.00000E+00	0.00000E+00	0.00000E+00		
9009	0	0	0.00000E+00	0.00000E+00	-8005.9	0.00000E+00	0.00000E+00	0.00000E+00		
10525	0	0	0.00000E+00	0.00000E+00	-7693.2	0.00000E+00	0.00000E+00	0.00000E+00		
10526	0	0	0.00000E+00	0.00000E+00	-22346.	0.00000E+00	0.00000E+00	0.00000E+00		
10529	0	0	0.00000E+00	0.00000E+00	-5493.7	0.00000E+00	0.00000E+00	0.00000E+00		
10532	0	0	0.00000E+00	0.00000E+00	-4043.8	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10532

L O A D C A S E 4288

LoadID=30 Line=2937 Dir=Fwd Pos=64

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
670	0	0	0.00000E+00	0.00000E+00	-48419.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
691	0	0	0.00000E+00	0.00000E+00	-76646.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
693	0	0	0.00000E+00	0.00000E+00	-46799.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
698	0	0	0.00000E+00	0.00000E+00	-23638.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
722	0	0	0.00000E+00	0.00000E+00	-52517.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
724	0	0	0.00000E+00	0.00000E+00	-32066.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
731	0	0	0.00000E+00	0.00000E+00	-16197.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
732	0	0	0.00000E+00	0.00000E+00	-72548.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8976	0	0	0.00000E+00	0.00000E+00	-29564.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9009	0	0	0.00000E+00	0.00000E+00	-44297.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10526	0	0	0.00000E+00	0.00000E+00	-14933.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10532	0	0	0.00000E+00	0.00000E+00	-22375.	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 = 10532

L O A D C A S E 4289

LoadID=30 Line=2937 Dir=Fwd Pos=65

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
670	0	0	0.00000E+00	0.00000E+00	-1047.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
691	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
693	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
698	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
701	0	0	0.00000E+00	0.00000E+00	-29877.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
722	0	0	0.00000E+00	0.00000E+00	-3096.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
724	0	0	0.00000E+00	0.00000E+00	-1890.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
731	0	0	0.00000E+00	0.00000E+00	-954.86	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
732	0	0	0.00000E+00	0.00000E+00	-82062.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
738	0	0	0.00000E+00	0.00000E+00	-32892.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
759	0	0	0.00000E+00	0.00000E+00	-19856.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
761	0	0	0.00000E+00	0.00000E+00	-10458.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
768	0	0	0.00000E+00	0.00000E+00	-6749.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8976	0	0	0.00000E+00	0.00000E+00	-639.47	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8978	0	0	0.00000E+00	0.00000E+00	-18243.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9009	0	0	0.00000E+00	0.00000E+00	-48915.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10526	0	0	0.00000E+00	0.00000E+00	-323.00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10529	0	0	0.00000E+00	0.00000E+00	-9214.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10532	0	0	0.00000E+00	0.00000E+00	-25394.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10533	0	0	0.00000E+00	0.00000E+00	-7732.5	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 = 10533

L O A D C A S E 4290

LoadID=30 Line=2937 Dir=Fwd Pos=66

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
691	0	0	0.00000E+00	0.00000E+00	-24955.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
693	0	0	0.00000E+00	0.00000E+00	-15237.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
698	0	0	0.00000E+00	0.00000E+00	-7696.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
701	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
722	0	0	0.00000E+00	0.00000E+00	-5969.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
724	0	0	0.00000E+00	0.00000E+00	-3645.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
731	0	0	0.00000E+00	0.00000E+00	-1841.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
732	0	0	0.00000E+00	0.00000E+00	-19453.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
738	0	0	0.00000E+00	0.00000E+00	-33181.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
759	0	0	0.00000E+00	0.00000E+00	-81480.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
761	0	0	0.00000E+00	0.00000E+00	-48633.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
768	0	0	0.00000E+00	0.00000E+00	-25150.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
769	0	0	0.00000E+00	0.00000E+00	-3920.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8978	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9009	0	0	0.00000E+00	0.00000E+00	-10170.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9012	0	0	0.00000E+00	0.00000E+00	-2394.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10529	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10532	0	0	0.00000E+00	0.00000E+00	-6686.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10533	0	0	0.00000E+00	0.00000E+00	-7724.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10536	0	0	0.00000E+00	0.00000E+00	-1209.3	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 = 10536

L O A D C A S E 4291

LoadID=30 Line=2937 Dir=Fwd Pos=67

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
701	0	0	0.00000E+00	0.00000E+00	-66801.	0.00000E+00	0.00000E+00	0.00000E+00		
722	0	0	0.00000E+00	0.00000E+00	-58264.	0.00000E+00	0.00000E+00	0.00000E+00		
724	0	0	0.00000E+00	0.00000E+00	-35576.	0.00000E+00	0.00000E+00	0.00000E+00		
731	0	0	0.00000E+00	0.00000E+00	-17969.	0.00000E+00	0.00000E+00	0.00000E+00		
759	0	0	0.00000E+00	0.00000E+00	-70898.	0.00000E+00	0.00000E+00	0.00000E+00		
761	0	0	0.00000E+00	0.00000E+00	-43290.	0.00000E+00	0.00000E+00	0.00000E+00		
768	0	0	0.00000E+00	0.00000E+00	-21866.	0.00000E+00	0.00000E+00	0.00000E+00		
769	0	0	0.00000E+00	0.00000E+00	-54167.	0.00000E+00	0.00000E+00	0.00000E+00		
8978	0	0	0.00000E+00	0.00000E+00	-40788.	0.00000E+00	0.00000E+00	0.00000E+00		
9012	0	0	0.00000E+00	0.00000E+00	-33074.	0.00000E+00	0.00000E+00	0.00000E+00		
10529	0	0	0.00000E+00	0.00000E+00	-20602.	0.00000E+00	0.00000E+00	0.00000E+00		
10536	0	0	0.00000E+00	0.00000E+00	-16706.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10536

L O A D C A S E 4292

LoadID=30 Line=2937 Dir=Fwd Pos=68

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
701	0	0	0.00000E+00	0.00000E+00	-10238.	0.00000E+00	0.00000E+00	0.00000E+00		
722	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00		
724	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00		
731	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00		
732	0	0	0.00000E+00	0.00000E+00	-20687.	0.00000E+00	0.00000E+00	0.00000E+00		
759	0	0	0.00000E+00	0.00000E+00	-12287.	0.00000E+00	0.00000E+00	0.00000E+00		
761	0	0	0.00000E+00	0.00000E+00	-7502.3	0.00000E+00	0.00000E+00	0.00000E+00		
768	0	0	0.00000E+00	0.00000E+00	-3789.4	0.00000E+00	0.00000E+00	0.00000E+00		
769	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00		
790	0	0	0.00000E+00	0.00000E+00	-18638.	0.00000E+00	0.00000E+00	0.00000E+00		
792	0	0	0.00000E+00	0.00000E+00	-11380.	0.00000E+00	0.00000E+00	0.00000E+00		
801	0	0	0.00000E+00	0.00000E+00	-5748.1	0.00000E+00	0.00000E+00	0.00000E+00		
8978	0	0	0.00000E+00	0.00000E+00	-6251.3	0.00000E+00	0.00000E+00	0.00000E+00		
9009	0	0	0.00000E+00	0.00000E+00	-12631.	0.00000E+00	0.00000E+00	0.00000E+00		
9012	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00		
10529	0	0	0.00000E+00	0.00000E+00	-3157.6	0.00000E+00	0.00000E+00	0.00000E+00		
10532	0	0	0.00000E+00	0.00000E+00	-6380.0	0.00000E+00	0.00000E+00	0.00000E+00		
10536	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 18  
 LARGEST NODE OR ELEMENT NUMBER = 10536

L O A D C A S E 4293

LoadID=30 Line=2937 Dir=Fwd Pos=69

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
722	0	0	0.00000E+00	0.00000E+00	-37367.	0.00000E+00	0.00000E+00	0.00000E+00		
724	0	0	0.00000E+00	0.00000E+00	-22816.	0.00000E+00	0.00000E+00	0.00000E+00		
731	0	0	0.00000E+00	0.00000E+00	-11524.	0.00000E+00	0.00000E+00	0.00000E+00		
732	0	0	0.00000E+00	0.00000E+00	-87698.	0.00000E+00	0.00000E+00	0.00000E+00		
769	0	0	0.00000E+00	0.00000E+00	-41465.	0.00000E+00	0.00000E+00	0.00000E+00		
790	0	0	0.00000E+00	0.00000E+00	-83600.	0.00000E+00	0.00000E+00	0.00000E+00		
792	0	0	0.00000E+00	0.00000E+00	-51046.	0.00000E+00	0.00000E+00	0.00000E+00		
801	0	0	0.00000E+00	0.00000E+00	-25783.	0.00000E+00	0.00000E+00	0.00000E+00		
9009	0	0	0.00000E+00	0.00000E+00	-53548.	0.00000E+00	0.00000E+00	0.00000E+00		
9012	0	0	0.00000E+00	0.00000E+00	-25318.	0.00000E+00	0.00000E+00	0.00000E+00		
10532	0	0	0.00000E+00	0.00000E+00	-27047.	0.00000E+00	0.00000E+00	0.00000E+00		
10536	0	0	0.00000E+00	0.00000E+00	-12788.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10536

L O A D C A S E 4294

LoadID=30 Line=2937 Dir=Fwd Pos=70

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
732	0	0	0.00000E+00	0.00000E+00	-51686.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
738	0	0	0.00000E+00	0.00000E+00	-55162.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
759	0	0	0.00000E+00	0.00000E+00	-36145.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
761	0	0	0.00000E+00	0.00000E+00	-18492.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
768	0	0	0.00000E+00	0.00000E+00	-13141.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
790	0	0	0.00000E+00	0.00000E+00	-89280.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
792	0	0	0.00000E+00	0.00000E+00	-54514.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
800	0	0	0.00000E+00	0.00000E+00	-35785.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
801	0	0	0.00000E+00	0.00000E+00	-27535.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9009	0	0	0.00000E+00	0.00000E+00	-35017.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9015	0	0	0.00000E+00	0.00000E+00	-21850.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10532	0	0	0.00000E+00	0.00000E+00	-15040.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10533	0	0	0.00000E+00	0.00000E+00	-15318.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10539	0	0	0.00000E+00	0.00000E+00	-11036.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
 LARGEST NODE OR ELEMENT NUMBER = 10539

L O A D C A S E 4295

LoadID=30 Line=2937 Dir=Fwd Pos=71

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
732	0	0	0.00000E+00	0.00000E+00	-16931.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
738	0	0	0.00000E+00	0.00000E+00	-30729.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
759	0	0	0.00000E+00	0.00000E+00	-77364.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
761	0	0	0.00000E+00	0.00000E+00	-47282.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
768	0	0	0.00000E+00	0.00000E+00	-23187.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
769	0	0	0.00000E+00	0.00000E+00	-11496.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
790	0	0	0.00000E+00	0.00000E+00	-21478.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
792	0	0	0.00000E+00	0.00000E+00	-13114.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
800	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
801	0	0	0.00000E+00	0.00000E+00	-6624.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
821	0	0	0.00000E+00	0.00000E+00	-9447.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
823	0	0	0.00000E+00	0.00000E+00	-5768.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
833	0	0	0.00000E+00	0.00000E+00	-2913.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9009	0	0	0.00000E+00	0.00000E+00	-8353.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9012	0	0	0.00000E+00	0.00000E+00	-7019.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9015	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10532	0	0	0.00000E+00	0.00000E+00	-6387.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10533	0	0	0.00000E+00	0.00000E+00	-7705.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10536	0	0	0.00000E+00	0.00000E+00	-3545.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10539	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10539

L O A D C A S E 4296

LoadID=30 Line=2937 Dir=Fwd Pos=72

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
759	0	0	0.00000E+00	0.00000E+00	-55749.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
761	0	0	0.00000E+00	0.00000E+00	-34040.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
768	0	0	0.00000E+00	0.00000E+00	-17194.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
769	0	0	0.00000E+00	0.00000E+00	-69316.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
800	0	0	0.00000E+00	0.00000E+00	-59846.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
821	0	0	0.00000E+00	0.00000E+00	-65219.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
823	0	0	0.00000E+00	0.00000E+00	-39822.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
833	0	0	0.00000E+00	0.00000E+00	-20114.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9012	0	0	0.00000E+00	0.00000E+00	-42324.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9015	0	0	0.00000E+00	0.00000E+00	-36542.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10536	0	0	0.00000E+00	0.00000E+00	-21378.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10539	0	0	0.00000E+00	0.00000E+00	-18457.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10539

L O A D C A S E 4297

LoadID=30 Line=2937 Dir=Fwd Pos=73

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
759	0	0	0.00000E+00	0.00000E+00	-4712.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
761	0	0	0.00000E+00	0.00000E+00	-2877.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
768	0	0	0.00000E+00	0.00000E+00	-1453.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
769	0	0	0.00000E+00	0.00000E+00	-9414.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
790	0	0	0.00000E+00	0.00000E+00	-26213.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
792	0	0	0.00000E+00	0.00000E+00	-16005.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
800	0	0	0.00000E+00	0.00000E+00	-6760.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
801	0	0	0.00000E+00	0.00000E+00	-8084.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
821	0	0	0.00000E+00	0.00000E+00	-79899.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
823	0	0	0.00000E+00	0.00000E+00	-48005.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
831	0	0	0.00000E+00	0.00000E+00	-32542.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
833	0	0	0.00000E+00	0.00000E+00	-24409.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
837	0	0	0.00000E+00	0.00000E+00	-18448.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9012	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9015	0	0	0.00000E+00	0.00000E+00	-4128.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9018	0	0	0.00000E+00	0.00000E+00	-9439.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10536	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10539	0	0	0.00000E+00	0.00000E+00	-2085.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10542	0	0	0.00000E+00	0.00000E+00	-7718.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10543	0	0	0.00000E+00	0.00000E+00	-6566.1	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 = 10543

L O A D C A S E 4298

LoadID=30 Line=2937 Dir=Fwd Pos=74

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
769	0	0	0.00000E+00	0.00000E+00	-28620.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
790	0	0	0.00000E+00	0.00000E+00	-9414.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
792	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
800	0	0	0.00000E+00	0.00000E+00	-2305.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
801	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
821	0	0	0.00000E+00	0.00000E+00	-20896.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
823	0	0	0.00000E+00	0.00000E+00	-11250.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
831	0	0	0.00000E+00	0.00000E+00	-33347.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
833	0	0	0.00000E+00	0.00000E+00	-6861.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
837	0	0	0.00000E+00	0.00000E+00	-83652.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
858	0	0	0.00000E+00	0.00000E+00	-256.23	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
860	0	0	0.00000E+00	0.00000E+00	-156.45	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
870	0	0	0.00000E+00	0.00000E+00	-79.024	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9012	0	0	0.00000E+00	0.00000E+00	-17475.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9015	0	0	0.00000E+00	0.00000E+00	-1407.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9018	0	0	0.00000E+00	0.00000E+00	-49649.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10536	0	0	0.00000E+00	0.00000E+00	-8826.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10539	0	0	0.00000E+00	0.00000E+00	-710.89	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10542	0	0	0.00000E+00	0.00000E+00	-7730.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10543	0	0	0.00000E+00	0.00000E+00	-26123.	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 = 10543

L O A D C A S E 4299

LoadID=30 Line=2937 Dir=Fwd Pos=75

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
790	0	0	0.00000E+00	0.00000E+00	-74130.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
792	0	0	0.00000E+00	0.00000E+00	-45263.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
800	0	0	0.00000E+00	0.00000E+00	-50935.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
801	0	0	0.00000E+00	0.00000E+00	-22863.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
837	0	0	0.00000E+00	0.00000E+00	-78228.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
858	0	0	0.00000E+00	0.00000E+00	-46837.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
860	0	0	0.00000E+00	0.00000E+00	-28598.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
870	0	0	0.00000E+00	0.00000E+00	-14445.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9015	0	0	0.00000E+00	0.00000E+00	-31100.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9018	0	0	0.00000E+00	0.00000E+00	-47765.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10539	0	0	0.00000E+00	0.00000E+00	-15709.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10543	0	0	0.00000E+00	0.00000E+00	-24126.	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 = 10543

L O A D C A S E 4300

LoadID=30 Line=2937 Dir=Fwd Pos=76

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
790	0	0	0.00000E+00	0.00000E+00	-13903.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
792	0	0	0.00000E+00	0.00000E+00	-8489.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
800	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
801	0	0	0.00000E+00	0.00000E+00	-4287.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
821	0	0	0.00000E+00	0.00000E+00	-17022.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
823	0	0	0.00000E+00	0.00000E+00	-10393.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
833	0	0	0.00000E+00	0.00000E+00	-5249.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
837	0	0	0.00000E+00	0.00000E+00	-15952.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
858	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
860	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
868	0	0	0.00000E+00	0.00000E+00	-14973.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
870	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9015	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9018	0	0	0.00000E+00	0.00000E+00	-9739.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9033	0	0	0.00000E+00	0.00000E+00	-9142.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10539	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10543	0	0	0.00000E+00	0.00000E+00	-4919.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10546	0	0	0.00000E+00	0.00000E+00	-4617.9	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 = 10546

L O A D C A S E 4301

LoadID=30 Line=2937 Dir=Fwd Pos=77

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
800	0	0	0.00000E+00	0.00000E+00	-44696.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
821	0	0	0.00000E+00	0.00000E+00	-80368.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
823	0	0	0.00000E+00	0.00000E+00	-49072.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
833	0	0	0.00000E+00	0.00000E+00	-24787.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
858	0	0	0.00000E+00	0.00000E+00	-48794.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
860	0	0	0.00000E+00	0.00000E+00	-29793.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
868	0	0	0.00000E+00	0.00000E+00	-76271.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
870	0	0	0.00000E+00	0.00000E+00	-15049.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9015	0	0	0.00000E+00	0.00000E+00	-27291.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9033	0	0	0.00000E+00	0.00000E+00	-46570.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10539	0	0	0.00000E+00	0.00000E+00	-13785.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10546	0	0	0.00000E+00	0.00000E+00	-23523.	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 = 10546

L O A D C A S E 4302

LoadID=30 Line=2937 Dir=Fwd Pos=78

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
821	0	0	0.00000E+00	0.00000E+00	-53500.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
823	0	0	0.00000E+00	0.00000E+00	-37079.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
831	0	0	0.00000E+00	0.00000E+00	-55085.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
833	0	0	0.00000E+00	0.00000E+00	-15300.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
837	0	0	0.00000E+00	0.00000E+00	-33962.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
858	0	0	0.00000E+00	0.00000E+00	-1234.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
860	0	0	0.00000E+00	0.00000E+00	-753.88	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
868	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
870	0	0	0.00000E+00	0.00000E+00	-380.79	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
889	0	0	0.00000E+00	0.00000E+00	-29690.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
891	0	0	0.00000E+00	0.00000E+00	-18129.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
902	0	0	0.00000E+00	0.00000E+00	-9156.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9018	0	0	0.00000E+00	0.00000E+00	-16864.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9033	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10542	0	0	0.00000E+00	0.00000E+00	-15361.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10543	0	0	0.00000E+00	0.00000E+00	-12849.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10546	0	0	0.00000E+00	0.00000E+00	-29034.	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 = 10546

L O A D C A S E 4303

LoadID=30 Line=2937 Dir=Fwd Pos=79

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
821	0	0	0.00000E+00	0.00000E+00	-18277.	0.00000E+00	0.00000E+00	0.00000E+00		
823	0	0	0.00000E+00	0.00000E+00	-9295.0	0.00000E+00	0.00000E+00	0.00000E+00		
831	0	0	0.00000E+00	0.00000E+00	-31339.	0.00000E+00	0.00000E+00	0.00000E+00		
833	0	0	0.00000E+00	0.00000E+00	-6579.9	0.00000E+00	0.00000E+00	0.00000E+00		
837	0	0	0.00000E+00	0.00000E+00	-79575.	0.00000E+00	0.00000E+00	0.00000E+00		
858	0	0	0.00000E+00	0.00000E+00	-7831.1	0.00000E+00	0.00000E+00	0.00000E+00		
860	0	0	0.00000E+00	0.00000E+00	-4781.6	0.00000E+00	0.00000E+00	0.00000E+00		
868	0	0	0.00000E+00	0.00000E+00	-25142.	0.00000E+00	0.00000E+00	0.00000E+00		
870	0	0	0.00000E+00	0.00000E+00	-2415.2	0.00000E+00	0.00000E+00	0.00000E+00		
889	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00		
891	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00		
899	0	0	0.00000E+00	0.00000E+00	-5782.3	0.00000E+00	0.00000E+00	0.00000E+00		
902	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00		
9018	0	0	0.00000E+00	0.00000E+00	-47983.	0.00000E+00	0.00000E+00	0.00000E+00		
9033	0	0	0.00000E+00	0.00000E+00	-15352.	0.00000E+00	0.00000E+00	0.00000E+00		
9041	0	0	0.00000E+00	0.00000E+00	-3530.7	0.00000E+00	0.00000E+00	0.00000E+00		
10542	0	0	0.00000E+00	0.00000E+00	-7729.1	0.00000E+00	0.00000E+00	0.00000E+00		
10543	0	0	0.00000E+00	0.00000E+00	-24194.	0.00000E+00	0.00000E+00	0.00000E+00		
10546	0	0	0.00000E+00	0.00000E+00	-7754.2	0.00000E+00	0.00000E+00	0.00000E+00		
10549	0	0	0.00000E+00	0.00000E+00	-1783.3	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10549

L O A D C A S E 4304

LoadID=30 Line=2937 Dir=Fwd Pos=80

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
837	0	0	0.00000E+00	0.00000E+00	-63078.	0.00000E+00	0.00000E+00	0.00000E+00		
858	0	0	0.00000E+00	0.00000E+00	-61987.	0.00000E+00	0.00000E+00	0.00000E+00		
860	0	0	0.00000E+00	0.00000E+00	-37849.	0.00000E+00	0.00000E+00	0.00000E+00		
870	0	0	0.00000E+00	0.00000E+00	-19117.	0.00000E+00	0.00000E+00	0.00000E+00		
889	0	0	0.00000E+00	0.00000E+00	-67176.	0.00000E+00	0.00000E+00	0.00000E+00		
891	0	0	0.00000E+00	0.00000E+00	-41017.	0.00000E+00	0.00000E+00	0.00000E+00		
899	0	0	0.00000E+00	0.00000E+00	-57889.	0.00000E+00	0.00000E+00	0.00000E+00		
902	0	0	0.00000E+00	0.00000E+00	-20718.	0.00000E+00	0.00000E+00	0.00000E+00		
9018	0	0	0.00000E+00	0.00000E+00	-38515.	0.00000E+00	0.00000E+00	0.00000E+00		
9041	0	0	0.00000E+00	0.00000E+00	-35347.	0.00000E+00	0.00000E+00	0.00000E+00		
10543	0	0	0.00000E+00	0.00000E+00	-19454.	0.00000E+00	0.00000E+00	0.00000E+00		
10549	0	0	0.00000E+00	0.00000E+00	-17854.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10549

L O A D C A S E 4305

LoadID=30 Line=2937 Dir=Fwd Pos=81

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
837	0	0	0.00000E+00	0.00000E+00	-8376.7	0.00000E+00	0.00000E+00	0.00000E+00		
858	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00		
860	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00		
868	0	0	0.00000E+00	0.00000E+00	-22548.	0.00000E+00	0.00000E+00	0.00000E+00		
870	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00		
889	0	0	0.00000E+00	0.00000E+00	-10425.	0.00000E+00	0.00000E+00	0.00000E+00		
891	0	0	0.00000E+00	0.00000E+00	-6365.7	0.00000E+00	0.00000E+00	0.00000E+00		
899	0	0	0.00000E+00	0.00000E+00	-78247.	0.00000E+00	0.00000E+00	0.00000E+00		
902	0	0	0.00000E+00	0.00000E+00	-3215.3	0.00000E+00	0.00000E+00	0.00000E+00		
905	0	0	0.00000E+00	0.00000E+00	-30191.	0.00000E+00	0.00000E+00	0.00000E+00		
926	0	0	0.00000E+00	0.00000E+00	-17467.	0.00000E+00	0.00000E+00	0.00000E+00		
928	0	0	0.00000E+00	0.00000E+00	-8708.0	0.00000E+00	0.00000E+00	0.00000E+00		
939	0	0	0.00000E+00	0.00000E+00	-6492.9	0.00000E+00	0.00000E+00	0.00000E+00		
9018	0	0	0.00000E+00	0.00000E+00	-5114.8	0.00000E+00	0.00000E+00	0.00000E+00		
9033	0	0	0.00000E+00	0.00000E+00	-13768.	0.00000E+00	0.00000E+00	0.00000E+00		
9041	0	0	0.00000E+00	0.00000E+00	-47628.	0.00000E+00	0.00000E+00	0.00000E+00		
10543	0	0	0.00000E+00	0.00000E+00	-2583.5	0.00000E+00	0.00000E+00	0.00000E+00		
10546	0	0	0.00000E+00	0.00000E+00	-6954.1	0.00000E+00	0.00000E+00	0.00000E+00		
10549	0	0	0.00000E+00	0.00000E+00	-23539.	0.00000E+00	0.00000E+00	0.00000E+00		
10550	0	0	0.00000E+00	0.00000E+00	-7721.0	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10550



L O A D C A S E 4306

LoadID=30 Line=2937 Dir=Fwd Pos=82

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
858	0	0	0.00000E+00	0.00000E+00	-33644.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
860	0	0	0.00000E+00	0.00000E+00	-20543.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
868	0	0	0.00000E+00	0.00000E+00	-91421.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
870	0	0	0.00000E+00	0.00000E+00	-10376.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
899	0	0	0.00000E+00	0.00000E+00	-35438.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
905	0	0	0.00000E+00	0.00000E+00	-55586.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-52003.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-35553.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
939	0	0	0.00000E+00	0.00000E+00	-15053.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9033	0	0	0.00000E+00	0.00000E+00	-55821.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9041	0	0	0.00000E+00	0.00000E+00	-17992.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10546	0	0	0.00000E+00	0.00000E+00	-28195.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10549	0	0	0.00000E+00	0.00000E+00	-13014.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10550	0	0	0.00000E+00	0.00000E+00	-15361.	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 = 10550

L O A D C A S E 4307

LoadID=30 Line=2937 Dir=Fwd Pos=83

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
868	0	0	0.00000E+00	0.00000E+00	-81460.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
889	0	0	0.00000E+00	0.00000E+00	-43605.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
891	0	0	0.00000E+00	0.00000E+00	-26625.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
902	0	0	0.00000E+00	0.00000E+00	-13448.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-85557.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-52241.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
936	0	0	0.00000E+00	0.00000E+00	-39508.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
939	0	0	0.00000E+00	0.00000E+00	-26387.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9033	0	0	0.00000E+00	0.00000E+00	-49739.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9062	0	0	0.00000E+00	0.00000E+00	-24123.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10546	0	0	0.00000E+00	0.00000E+00	-25123.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10553	0	0	0.00000E+00	0.00000E+00	-12185.	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 = 10553

L O A D C A S E 4308

LoadID=30 Line=2937 Dir=Fwd Pos=84

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
868	0	0	0.00000E+00	0.00000E+00	-17568.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
889	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
891	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
899	0	0	0.00000E+00	0.00000E+00	-13357.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
902	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-19616.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-11978.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
936	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
939	0	0	0.00000E+00	0.00000E+00	-6049.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
963	0	0	0.00000E+00	0.00000E+00	-11308.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
965	0	0	0.00000E+00	0.00000E+00	-6904.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
978	0	0	0.00000E+00	0.00000E+00	-3487.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9033	0	0	0.00000E+00	0.00000E+00	-10727.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9041	0	0	0.00000E+00	0.00000E+00	-8155.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9062	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10546	0	0	0.00000E+00	0.00000E+00	-5418.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10549	0	0	0.00000E+00	0.00000E+00	-4119.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10553	0	0	0.00000E+00	0.00000E+00	-29034.	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 = 10553

L O A D C A S E 4309

LoadID=30 Line=2937 Dir=Fwd Pos=85

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
889	0	0	0.00000E+00	0.00000E+00	-52026.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
891	0	0	0.00000E+00	0.00000E+00	-31767.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
899	0	0	0.00000E+00	0.00000E+00	-73039.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
902	0	0	0.00000E+00	0.00000E+00	-16045.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
936	0	0	0.00000E+00	0.00000E+00	-56123.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
963	0	0	0.00000E+00	0.00000E+00	-68942.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
965	0	0	0.00000E+00	0.00000E+00	-42095.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
978	0	0	0.00000E+00	0.00000E+00	-21262.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9041	0	0	0.00000E+00	0.00000E+00	-44597.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9062	0	0	0.00000E+00	0.00000E+00	-34268.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10549	0	0	0.00000E+00	0.00000E+00	-22526.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10553	0	0	0.00000E+00	0.00000E+00	-17309.	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 = 10553

L O A D C A S E 4310

LoadID=30 Line=2937 Dir=Fwd Pos=86

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
889	0	0	0.00000E+00	0.00000E+00	-2850.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
891	0	0	0.00000E+00	0.00000E+00	-1740.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
899	0	0	0.00000E+00	0.00000E+00	-82195.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
902	0	0	0.00000E+00	0.00000E+00	-879.16	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
905	0	0	0.00000E+00	0.00000E+00	-32951.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-19941.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-10522.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
936	0	0	0.00000E+00	0.00000E+00	-4899.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
939	0	0	0.00000E+00	0.00000E+00	-6758.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
963	0	0	0.00000E+00	0.00000E+00	-94151.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
965	0	0	0.00000E+00	0.00000E+00	-57488.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
973	0	0	0.00000E+00	0.00000E+00	-26015.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
978	0	0	0.00000E+00	0.00000E+00	-29037.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9041	0	0	0.00000E+00	0.00000E+00	-48973.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9062	0	0	0.00000E+00	0.00000E+00	-2991.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9065	0	0	0.00000E+00	0.00000E+00	-15884.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10549	0	0	0.00000E+00	0.00000E+00	-25456.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10550	0	0	0.00000E+00	0.00000E+00	-7732.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10553	0	0	0.00000E+00	0.00000E+00	-1511.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10556	0	0	0.00000E+00	0.00000E+00	-8023.2	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 = 10556

L O A D C A S E 4311

LoadID=30 Line=2937 Dir=Fwd Pos=87

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
899	0	0	0.00000E+00	0.00000E+00	-19363.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
905	0	0	0.00000E+00	0.00000E+00	-33137.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
926	0	0	0.00000E+00	0.00000E+00	-81341.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-48574.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
936	0	0	0.00000E+00	0.00000E+00	-4166.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
939	0	0	0.00000E+00	0.00000E+00	-25086.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
963	0	0	0.00000E+00	0.00000E+00	-28821.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
965	0	0	0.00000E+00	0.00000E+00	-17598.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
973	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
978	0	0	0.00000E+00	0.00000E+00	-8888.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
994	0	0	0.00000E+00	0.00000E+00	-2091.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
996	0	0	0.00000E+00	0.00000E+00	-1276.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1011	0	0	0.00000E+00	0.00000E+00	-644.89	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9041	0	0	0.00000E+00	0.00000E+00	-10104.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9062	0	0	0.00000E+00	0.00000E+00	-2544.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9065	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10549	0	0	0.00000E+00	0.00000E+00	-6675.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10550	0	0	0.00000E+00	0.00000E+00	-7723.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10553	0	0	0.00000E+00	0.00000E+00	-1285.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10556	0	0	0.00000E+00	0.00000E+00	-29038.	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 = 10556

L O A D C A S E 4312

LoadID=30 Line=2937 Dir=Fwd Pos=88

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
926	0	0	0.00000E+00	0.00000E+00	-70408.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-42990.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
936	0	0	0.00000E+00	0.00000E+00	-54657.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
939	0	0	0.00000E+00	0.00000E+00	-21714.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
973	0	0	0.00000E+00	0.00000E+00	-74577.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
994	0	0	0.00000E+00	0.00000E+00	-50488.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
996	0	0	0.00000E+00	0.00000E+00	-30827.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1011	0	0	0.00000E+00	0.00000E+00	-15571.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9062	0	0	0.00000E+00	0.00000E+00	-33373.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9065	0	0	0.00000E+00	0.00000E+00	-45536.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10553	0	0	0.00000E+00	0.00000E+00	-16857.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10556	0	0	0.00000E+00	0.00000E+00	-23001.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10556

L O A D C A S E 4313

LoadID=30 Line=2937 Dir=Fwd Pos=89

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
926	0	0	0.00000E+00	0.00000E+00	-12041.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
928	0	0	0.00000E+00	0.00000E+00	-7352.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
936	0	0	0.00000E+00	0.00000E+00	-94140.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
939	0	0	0.00000E+00	0.00000E+00	-3713.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
963	0	0	0.00000E+00	0.00000E+00	-18883.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
965	0	0	0.00000E+00	0.00000E+00	-11530.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
973	0	0	0.00000E+00	0.00000E+00	-14136.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
978	0	0	0.00000E+00	0.00000E+00	-5823.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
994	0	0	0.00000E+00	0.00000E+00	-75946.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
996	0	0	0.00000E+00	0.00000E+00	-47060.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1004	0	0	0.00000E+00	0.00000E+00	-29428.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1010	0	0	0.00000E+00	0.00000E+00	-16144.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1011	0	0	0.00000E+00	0.00000E+00	-22511.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9062	0	0	0.00000E+00	0.00000E+00	-57481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9065	0	0	0.00000E+00	0.00000E+00	-8631.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9068	0	0	0.00000E+00	0.00000E+00	-7790.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10553	0	0	0.00000E+00	0.00000E+00	-29034.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10556	0	0	0.00000E+00	0.00000E+00	-4359.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10559	0	0	0.00000E+00	0.00000E+00	-7695.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10560	0	0	0.00000E+00	0.00000E+00	-6298.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10560

L O A D C A S E 4314

LoadID=30 Line=2937 Dir=Fwd Pos=90

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
936	0	0	0.00000E+00	0.00000E+00	-40974.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
963	0	0	0.00000E+00	0.00000E+00	-84091.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
965	0	0	0.00000E+00	0.00000E+00	-51345.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
978	0	0	0.00000E+00	0.00000E+00	-25935.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
994	0	0	0.00000E+00	0.00000E+00	-37848.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
996	0	0	0.00000E+00	0.00000E+00	-19898.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1004	0	0	0.00000E+00	0.00000E+00	-55772.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1010	0	0	0.00000E+00	0.00000E+00	-50087.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1011	0	0	0.00000E+00	0.00000E+00	-13317.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9062	0	0	0.00000E+00	0.00000E+00	-25018.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9068	0	0	0.00000E+00	0.00000E+00	-32960.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10553	0	0	0.00000E+00	0.00000E+00	-12637.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10559	0	0	0.00000E+00	0.00000E+00	-15335.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10560	0	0	0.00000E+00	0.00000E+00	-14783.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
 LARGEST NODE OR ELEMENT NUMBER = 10560

L O A D C A S E 4315

LoadID=30 Line=2937 Dir=Fwd Pos=91

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
963	0	0	0.00000E+00	0.00000E+00	-88804.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
965	0	0	0.00000E+00	0.00000E+00	-54223.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
973	0	0	0.00000E+00	0.00000E+00	-36261.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
978	0	0	0.00000E+00	0.00000E+00	-27388.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1010	0	0	0.00000E+00	0.00000E+00	-93055.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1031	0	0	0.00000E+00	0.00000E+00	-32010.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1033	0	0	0.00000E+00	0.00000E+00	-19545.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1048	0	0	0.00000E+00	0.00000E+00	-9872.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9065	0	0	0.00000E+00	0.00000E+00	-22141.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9068	0	0	0.00000E+00	0.00000E+00	-56818.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10556	0	0	0.00000E+00	0.00000E+00	-11183.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10560	0	0	0.00000E+00	0.00000E+00	-28699.	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 = 10560

L O A D C A S E 4316

LoadID=30 Line=2937 Dir=Fwd Pos=92

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
963	0	0	0.00000E+00	0.00000E+00	-21249.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
965	0	0	0.00000E+00	0.00000E+00	-12975.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
973	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
978	0	0	0.00000E+00	0.00000E+00	-6553.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
994	0	0	0.00000E+00	0.00000E+00	-9662.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
996	0	0	0.00000E+00	0.00000E+00	-5900.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1010	0	0	0.00000E+00	0.00000E+00	-23374.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1011	0	0	0.00000E+00	0.00000E+00	-2980.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1031	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1033	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1041	0	0	0.00000E+00	0.00000E+00	-7537.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1048	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9065	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9068	0	0	0.00000E+00	0.00000E+00	-14272.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9071	0	0	0.00000E+00	0.00000E+00	-4602.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10556	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10560	0	0	0.00000E+00	0.00000E+00	-7209.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10563	0	0	0.00000E+00	0.00000E+00	-2324.7	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 = 10563

L O A D C A S E 4317

LoadID=30 Line=2937 Dir=Fwd Pos=93

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
973	0	0	0.00000E+00	0.00000E+00	-59434.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
994	0	0	0.00000E+00	0.00000E+00	-65631.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
996	0	0	0.00000E+00	0.00000E+00	-40074.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1011	0	0	0.00000E+00	0.00000E+00	-20241.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1031	0	0	0.00000E+00	0.00000E+00	-63684.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1033	0	0	0.00000E+00	0.00000E+00	-38885.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1041	0	0	0.00000E+00	0.00000E+00	-61381.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1048	0	0	0.00000E+00	0.00000E+00	-19641.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9065	0	0	0.00000E+00	0.00000E+00	-36290.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9071	0	0	0.00000E+00	0.00000E+00	-37479.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10556	0	0	0.00000E+00	0.00000E+00	-18330.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10563	0	0	0.00000E+00	0.00000E+00	-18930.	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 = 10563

L O A D C A S E 4318

LoadID=30 Line=2937 Dir=Fwd Pos=94

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
973	0	0	0.00000E+00	0.00000E+00	-6564.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
994	0	0	0.00000E+00	0.00000E+00	-80013.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
996	0	0	0.00000E+00	0.00000E+00	-48049.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1004	0	0	0.00000E+00	0.00000E+00	-32592.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1010	0	0	0.00000E+00	0.00000E+00	-18510.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1011	0	0	0.00000E+00	0.00000E+00	-24461.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1031	0	0	0.00000E+00	0.00000E+00	-8689.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1033	0	0	0.00000E+00	0.00000E+00	-5305.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1041	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1048	0	0	0.00000E+00	0.00000E+00	-2679.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1062	0	0	0.00000E+00	0.00000E+00	-22223.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1064	0	0	0.00000E+00	0.00000E+00	-13569.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1080	0	0	0.00000E+00	0.00000E+00	-6853.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9065	0	0	0.00000E+00	0.00000E+00	-4008.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9068	0	0	0.00000E+00	0.00000E+00	-9484.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9071	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10556	0	0	0.00000E+00	0.00000E+00	-2024.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10559	0	0	0.00000E+00	0.00000E+00	-7720.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10560	0	0	0.00000E+00	0.00000E+00	-6573.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10563	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10563

L O A D C A S E 4319

LoadID=30 Line=2937 Dir=Fwd Pos=95

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
994	0	0	0.00000E+00	0.00000E+00	-20824.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
996	0	0	0.00000E+00	0.00000E+00	-11195.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1004	0	0	0.00000E+00	0.00000E+00	-33338.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1010	0	0	0.00000E+00	0.00000E+00	-83559.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1011	0	0	0.00000E+00	0.00000E+00	-6854.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1031	0	0	0.00000E+00	0.00000E+00	-424.20	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1033	0	0	0.00000E+00	0.00000E+00	-259.01	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1041	0	0	0.00000E+00	0.00000E+00	-34314.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1048	0	0	0.00000E+00	0.00000E+00	-130.83	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1062	0	0	0.00000E+00	0.00000E+00	-90751.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1064	0	0	0.00000E+00	0.00000E+00	-55412.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1080	0	0	0.00000E+00	0.00000E+00	-27989.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9068	0	0	0.00000E+00	0.00000E+00	-49604.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9071	0	0	0.00000E+00	0.00000E+00	-20952.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10559	0	0	0.00000E+00	0.00000E+00	-7731.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10560	0	0	0.00000E+00	0.00000E+00	-26080.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10563	0	0	0.00000E+00	0.00000E+00	-10583.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 17  
LARGEST NODE OR ELEMENT NUMBER = 10563

L O A D C A S E 4320

LoadID=30 Line=2937 Dir=Fwd Pos=96

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1010	0	0	0.00000E+00	0.00000E+00	-77911.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1031	0	0	0.00000E+00	0.00000E+00	-47154.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1033	0	0	0.00000E+00	0.00000E+00	-28792.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1048	0	0	0.00000E+00	0.00000E+00	-14543.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1062	0	0	0.00000E+00	0.00000E+00	-82161.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1064	0	0	0.00000E+00	0.00000E+00	-50167.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1072	0	0	0.00000E+00	0.00000E+00	-42904.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1080	0	0	0.00000E+00	0.00000E+00	-25339.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9068	0	0	0.00000E+00	0.00000E+00	-47572.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9074	0	0	0.00000E+00	0.00000E+00	-26197.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10560	0	0	0.00000E+00	0.00000E+00	-24029.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10566	0	0	0.00000E+00	0.00000E+00	-13232.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10566

L O A D C A S E 4321

LoadID=30 Line=2937 Dir=Fwd Pos=97

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1010	0	0	0.00000E+00	0.00000E+00	-15803.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1031	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1033	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1041	0	0	0.00000E+00	0.00000E+00	-15109.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1048	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1062	0	0	0.00000E+00	0.00000E+00	-17928.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1064	0	0	0.00000E+00	0.00000E+00	-10947.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1072	0	0	0.00000E+00	0.00000E+00	-74184.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1078	0	0	0.00000E+00	0.00000E+00	-26184.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1080	0	0	0.00000E+00	0.00000E+00	-5529.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1099	0	0	0.00000E+00	0.00000E+00	-15306.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1101	0	0	0.00000E+00	0.00000E+00	-7133.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1119	0	0	0.00000E+00	0.00000E+00	-6267.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9068	0	0	0.00000E+00	0.00000E+00	-9649.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9071	0	0	0.00000E+00	0.00000E+00	-9225.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9074	0	0	0.00000E+00	0.00000E+00	-47205.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10560	0	0	0.00000E+00	0.00000E+00	-4873.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10563	0	0	0.00000E+00	0.00000E+00	-4659.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10566	0	0	0.00000E+00	0.00000E+00	-21646.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10567	0	0	0.00000E+00	0.00000E+00	-7670.0	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 = 10567

LOAD CASE 4322

LoadID=30 Line=2937 Dir=Fwd Pos=98

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1031	0	0	0.00000E+00	0.00000E+00	-48541.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1033	0	0	0.00000E+00	0.00000E+00	-29639.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1041	0	0	0.00000E+00	0.00000E+00	-76524.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1048	0	0	0.00000E+00	0.00000E+00	-14971.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1072	0	0	0.00000E+00	0.00000E+00	-40616.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1078	0	0	0.00000E+00	0.00000E+00	-56543.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1099	0	0	0.00000E+00	0.00000E+00	-47454.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1101	0	0	0.00000E+00	0.00000E+00	-29660.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1119	0	0	0.00000E+00	0.00000E+00	-14388.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9071	0	0	0.00000E+00	0.00000E+00	-46725.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9074	0	0	0.00000E+00	0.00000E+00	-22369.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10563	0	0	0.00000E+00	0.00000E+00	-23601.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10566	0	0	0.00000E+00	0.00000E+00	-13586.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10567	0	0	0.00000E+00	0.00000E+00	-15385.	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 = 10567

LOAD CASE 4323

LoadID=30 Line=2937 Dir=Fwd Pos=99

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1031	0	0	0.00000E+00	0.00000E+00	-1117.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1033	0	0	0.00000E+00	0.00000E+00	-682.40	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1041	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1048	0	0	0.00000E+00	0.00000E+00	-344.68	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1062	0	0	0.00000E+00	0.00000E+00	-29794.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1064	0	0	0.00000E+00	0.00000E+00	-18192.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1072	0	0	0.00000E+00	0.00000E+00	-12952.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1078	0	0	0.00000E+00	0.00000E+00	-22555.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1080	0	0	0.00000E+00	0.00000E+00	-9188.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1099	0	0	0.00000E+00	0.00000E+00	-66915.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1101	0	0	0.00000E+00	0.00000E+00	-46349.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1109	0	0	0.00000E+00	0.00000E+00	-27669.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1119	0	0	0.00000E+00	0.00000E+00	-19050.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9071	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9074	0	0	0.00000E+00	0.00000E+00	-5486.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9081	0	0	0.00000E+00	0.00000E+00	-16895.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10563	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10566	0	0	0.00000E+00	0.00000E+00	-5967.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10567	0	0	0.00000E+00	0.00000E+00	-7629.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10570	0	0	0.00000E+00	0.00000E+00	-8533.5	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 = 10570

L O A D C A S E 4324

LoadID=30 Line=2937 Dir=Fwd Pos=100

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1041	0	0	0.00000E+00	0.00000E+00	-25041.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1062	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1064	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1072	0	0	0.00000E+00	0.00000E+00	-5870.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1080	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1099	0	0	0.00000E+00	0.00000E+00	-27166.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1101	0	0	0.00000E+00	0.00000E+00	-16588.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1109	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1119	0	0	0.00000E+00	0.00000E+00	-8378.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1130	0	0	0.00000E+00	0.00000E+00	-3745.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1132	0	0	0.00000E+00	0.00000E+00	-2287.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1151	0	0	0.00000E+00	0.00000E+00	-1155.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9071	0	0	0.00000E+00	0.00000E+00	-15290.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9074	0	0	0.00000E+00	0.00000E+00	-3584.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9081	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10563	0	0	0.00000E+00	0.00000E+00	-7723.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10566	0	0	0.00000E+00	0.00000E+00	-1810.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10570	0	0	0.00000E+00	0.00000E+00	-29038.	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 = 10570

L O A D C A S E 4325

LoadID=30 Line=2937 Dir=Fwd Pos=101

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1062	0	0	0.00000E+00	0.00000E+00	-67018.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1064	0	0	0.00000E+00	0.00000E+00	-40921.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1072	0	0	0.00000E+00	0.00000E+00	-58047.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1080	0	0	0.00000E+00	0.00000E+00	-20669.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1109	0	0	0.00000E+00	0.00000E+00	-71268.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1130	0	0	0.00000E+00	0.00000E+00	-53797.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1132	0	0	0.00000E+00	0.00000E+00	-32848.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1151	0	0	0.00000E+00	0.00000E+00	-16591.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9074	0	0	0.00000E+00	0.00000E+00	-35443.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9081	0	0	0.00000E+00	0.00000E+00	-43516.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10566	0	0	0.00000E+00	0.00000E+00	-17902.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10570	0	0	0.00000E+00	0.00000E+00	-21980.	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 = 10570

L O A D C A S E 4326

LoadID=30 Line=2937 Dir=Fwd Pos=102

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1062	0	0	0.00000E+00	0.00000E+00	-10356.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1064	0	0	0.00000E+00	0.00000E+00	-6323.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1072	0	0	0.00000E+00	0.00000E+00	-78293.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1078	0	0	0.00000E+00	0.00000E+00	-30208.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1080	0	0	0.00000E+00	0.00000E+00	-3194.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1099	0	0	0.00000E+00	0.00000E+00	-17485.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1101	0	0	0.00000E+00	0.00000E+00	-8720.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1109	0	0	0.00000E+00	0.00000E+00	-12481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1119	0	0	0.00000E+00	0.00000E+00	-6495.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1130	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1132	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1140	0	0	0.00000E+00	0.00000E+00	-18431.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1151	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9074	0	0	0.00000E+00	0.00000E+00	-47644.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9081	0	0	0.00000E+00	0.00000E+00	-7621.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9083	0	0	0.00000E+00	0.00000E+00	-11254.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10566	0	0	0.00000E+00	0.00000E+00	-23559.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10567	0	0	0.00000E+00	0.00000E+00	-7722.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10570	0	0	0.00000E+00	0.00000E+00	-3849.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10573	0	0	0.00000E+00	0.00000E+00	-5684.2	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 = 10573

L O A D C A S E 4327

LoadID=30 Line=2937 Dir=Fwd Pos=103

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1072	0	0	0.00000E+00	0.00000E+00	-35403.	0.00000E+00	0.00000E+00	0.00000E+00		
1078	0	0	0.00000E+00	0.00000E+00	-55591.	0.00000E+00	0.00000E+00	0.00000E+00		
1099	0	0	0.00000E+00	0.00000E+00	-52029.	0.00000E+00	0.00000E+00	0.00000E+00		
1101	0	0	0.00000E+00	0.00000E+00	-35582.	0.00000E+00	0.00000E+00	0.00000E+00		
1119	0	0	0.00000E+00	0.00000E+00	-15057.	0.00000E+00	0.00000E+00	0.00000E+00		
1130	0	0	0.00000E+00	0.00000E+00	-41898.	0.00000E+00	0.00000E+00	0.00000E+00		
1132	0	0	0.00000E+00	0.00000E+00	-25583.	0.00000E+00	0.00000E+00	0.00000E+00		
1140	0	0	0.00000E+00	0.00000E+00	-83167.	0.00000E+00	0.00000E+00	0.00000E+00		
1151	0	0	0.00000E+00	0.00000E+00	-12922.	0.00000E+00	0.00000E+00	0.00000E+00		
9074	0	0	0.00000E+00	0.00000E+00	-17965.	0.00000E+00	0.00000E+00	0.00000E+00		
9083	0	0	0.00000E+00	0.00000E+00	-50781.	0.00000E+00	0.00000E+00	0.00000E+00		
10566	0	0	0.00000E+00	0.00000E+00	-13010.	0.00000E+00	0.00000E+00	0.00000E+00		
10567	0	0	0.00000E+00	0.00000E+00	-15363.	0.00000E+00	0.00000E+00	0.00000E+00		
10573	0	0	0.00000E+00	0.00000E+00	-25650.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14  
 LARGEST NODE OR ELEMENT NUMBER = 10573

L O A D C A S E 4328

LoadID=30 Line=2937 Dir=Fwd Pos=104

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1099	0	0	0.00000E+00	0.00000E+00	-85495.	0.00000E+00	0.00000E+00	0.00000E+00		
1101	0	0	0.00000E+00	0.00000E+00	-52203.	0.00000E+00	0.00000E+00	0.00000E+00		
1109	0	0	0.00000E+00	0.00000E+00	-39570.	0.00000E+00	0.00000E+00	0.00000E+00		
1119	0	0	0.00000E+00	0.00000E+00	-26368.	0.00000E+00	0.00000E+00	0.00000E+00		
1140	0	0	0.00000E+00	0.00000E+00	-89745.	0.00000E+00	0.00000E+00	0.00000E+00		
1161	0	0	0.00000E+00	0.00000E+00	-35320.	0.00000E+00	0.00000E+00	0.00000E+00		
1163	0	0	0.00000E+00	0.00000E+00	-21566.	0.00000E+00	0.00000E+00	0.00000E+00		
1182	0	0	0.00000E+00	0.00000E+00	-10893.	0.00000E+00	0.00000E+00	0.00000E+00		
9081	0	0	0.00000E+00	0.00000E+00	-24161.	0.00000E+00	0.00000E+00	0.00000E+00		
9083	0	0	0.00000E+00	0.00000E+00	-54798.	0.00000E+00	0.00000E+00	0.00000E+00		
10570	0	0	0.00000E+00	0.00000E+00	-12204.	0.00000E+00	0.00000E+00	0.00000E+00		
10573	0	0	0.00000E+00	0.00000E+00	-27678.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10573

L O A D C A S E 4329

LoadID=30 Line=2937 Dir=Fwd Pos=105

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1099	0	0	0.00000E+00	0.00000E+00	-19595.	0.00000E+00	0.00000E+00	0.00000E+00		
1101	0	0	0.00000E+00	0.00000E+00	-11964.	0.00000E+00	0.00000E+00	0.00000E+00		
1109	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00		
1119	0	0	0.00000E+00	0.00000E+00	-6043.2	0.00000E+00	0.00000E+00	0.00000E+00		
1130	0	0	0.00000E+00	0.00000E+00	-11317.	0.00000E+00	0.00000E+00	0.00000E+00		
1132	0	0	0.00000E+00	0.00000E+00	-6910.3	0.00000E+00	0.00000E+00	0.00000E+00		
1140	0	0	0.00000E+00	0.00000E+00	-21720.	0.00000E+00	0.00000E+00	0.00000E+00		
1151	0	0	0.00000E+00	0.00000E+00	-3490.4	0.00000E+00	0.00000E+00	0.00000E+00		
1161	0	0	0.00000E+00	0.00000E+00	-71329.	0.00000E+00	0.00000E+00	0.00000E+00		
1163	0	0	0.00000E+00	0.00000E+00	-46886.	0.00000E+00	0.00000E+00	0.00000E+00		
1171	0	0	0.00000E+00	0.00000E+00	-25335.	0.00000E+00	0.00000E+00	0.00000E+00		
1177	0	0	0.00000E+00	0.00000E+00	-14135.	0.00000E+00	0.00000E+00	0.00000E+00		
1182	0	0	0.00000E+00	0.00000E+00	-20566.	0.00000E+00	0.00000E+00	0.00000E+00		
9081	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00		
9083	0	0	0.00000E+00	0.00000E+00	-13262.	0.00000E+00	0.00000E+00	0.00000E+00		
9085	0	0	0.00000E+00	0.00000E+00	-6334.2	0.00000E+00	0.00000E+00	0.00000E+00		
10570	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00		
10573	0	0	0.00000E+00	0.00000E+00	-6698.7	0.00000E+00	0.00000E+00	0.00000E+00		
10576	0	0	0.00000E+00	0.00000E+00	-7652.5	0.00000E+00	0.00000E+00	0.00000E+00		
10577	0	0	0.00000E+00	0.00000E+00	-6082.0	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10577



L O A D C A S E 4330

LoadID=30 Line=2937 Dir=Fwd Pos=106

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1109	0	0	0.00000E+00	0.00000E+00	-56125.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1130	0	0	0.00000E+00	0.00000E+00	-68940.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1132	0	0	0.00000E+00	0.00000E+00	-42094.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1151	0	0	0.00000E+00	0.00000E+00	-21262.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1161	0	0	0.00000E+00	0.00000E+00	-43281.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1163	0	0	0.00000E+00	0.00000E+00	-24931.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1171	0	0	0.00000E+00	0.00000E+00	-56643.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1177	0	0	0.00000E+00	0.00000E+00	-45023.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1182	0	0	0.00000E+00	0.00000E+00	-13895.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9081	0	0	0.00000E+00	0.00000E+00	-34269.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9085	0	0	0.00000E+00	0.00000E+00	-26750.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10570	0	0	0.00000E+00	0.00000E+00	-17310.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10576	0	0	0.00000E+00	0.00000E+00	-15381.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10577	0	0	0.00000E+00	0.00000E+00	-14095.	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 = 10577

L O A D C A S E 4331

LoadID=30 Line=2937 Dir=Fwd Pos=107

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1109	0	0	0.00000E+00	0.00000E+00	-4909.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1130	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1132	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1140	0	0	0.00000E+00	0.00000E+00	-26002.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1151	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1161	0	0	0.00000E+00	0.00000E+00	-13837.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1163	0	0	0.00000E+00	0.00000E+00	-6056.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1171	0	0	0.00000E+00	0.00000E+00	-23082.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1177	0	0	0.00000E+00	0.00000E+00	-70224.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1182	0	0	0.00000E+00	0.00000E+00	-6121.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1198	0	0	0.00000E+00	0.00000E+00	-23877.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1200	0	0	0.00000E+00	0.00000E+00	-14579.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1220	0	0	0.00000E+00	0.00000E+00	-7364.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9081	0	0	0.00000E+00	0.00000E+00	-2997.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9083	0	0	0.00000E+00	0.00000E+00	-15877.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9085	0	0	0.00000E+00	0.00000E+00	-47113.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10570	0	0	0.00000E+00	0.00000E+00	-1514.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10573	0	0	0.00000E+00	0.00000E+00	-8019.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10576	0	0	0.00000E+00	0.00000E+00	-7613.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10577	0	0	0.00000E+00	0.00000E+00	-20133.	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 = 10577

L O A D C A S E 4332

LoadID=30 Line=2937 Dir=Fwd Pos=108

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1130	0	0	0.00000E+00	0.00000E+00	-28833.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1132	0	0	0.00000E+00	0.00000E+00	-17605.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1140	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1151	0	0	0.00000E+00	0.00000E+00	-8892.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1161	0	0	0.00000E+00	0.00000E+00	-2078.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1163	0	0	0.00000E+00	0.00000E+00	-1269.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1177	0	0	0.00000E+00	0.00000E+00	-31005.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1182	0	0	0.00000E+00	0.00000E+00	-641.11	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1198	0	0	0.00000E+00	0.00000E+00	-94060.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1200	0	0	0.00000E+00	0.00000E+00	-57432.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1220	0	0	0.00000E+00	0.00000E+00	-29009.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9083	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9085	0	0	0.00000E+00	0.00000E+00	-18931.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10573	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10577	0	0	0.00000E+00	0.00000E+00	-9562.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 15  
 LARGEST NODE OR ELEMENT NUMBER = 10577

L O A D C A S E 4333

LoadID=30 Line=2937 Dir=Fwd Pos=109

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1140	0	0	0.00000E+00	0.00000E+00	-74602.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1161	0	0	0.00000E+00	0.00000E+00	-50463.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1163	0	0	0.00000E+00	0.00000E+00	-30812.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1182	0	0	0.00000E+00	0.00000E+00	-15563.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1198	0	0	0.00000E+00	0.00000E+00	-78852.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1200	0	0	0.00000E+00	0.00000E+00	-48147.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1208	0	0	0.00000E+00	0.00000E+00	-46213.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1220	0	0	0.00000E+00	0.00000E+00	-24319.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9083	0	0	0.00000E+00	0.00000E+00	-45551.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9087	0	0	0.00000E+00	0.00000E+00	-28217.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10573	0	0	0.00000E+00	0.00000E+00	-23008.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10580	0	0	0.00000E+00	0.00000E+00	-14252.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10580

L O A D C A S E 4334

LoadID=30 Line=2937 Dir=Fwd Pos=110

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1140	0	0	0.00000E+00	0.00000E+00	-14148.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1161	0	0	0.00000E+00	0.00000E+00	-75936.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1163	0	0	0.00000E+00	0.00000E+00	-47057.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1171	0	0	0.00000E+00	0.00000E+00	-29431.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1177	0	0	0.00000E+00	0.00000E+00	-16139.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1182	0	0	0.00000E+00	0.00000E+00	-22507.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1198	0	0	0.00000E+00	0.00000E+00	-16273.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1200	0	0	0.00000E+00	0.00000E+00	-9936.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1208	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1220	0	0	0.00000E+00	0.00000E+00	-5018.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1229	0	0	0.00000E+00	0.00000E+00	-14639.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1231	0	0	0.00000E+00	0.00000E+00	-8938.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1252	0	0	0.00000E+00	0.00000E+00	-4514.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9083	0	0	0.00000E+00	0.00000E+00	-8638.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9085	0	0	0.00000E+00	0.00000E+00	-7787.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9087	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10573	0	0	0.00000E+00	0.00000E+00	-4363.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10576	0	0	0.00000E+00	0.00000E+00	-7695.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10577	0	0	0.00000E+00	0.00000E+00	-6297.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10580	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10580

L O A D C A S E 4335

LoadID=30 Line=2937 Dir=Fwd Pos=111

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1161	0	0	0.00000E+00	0.00000E+00	-37856.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1163	0	0	0.00000E+00	0.00000E+00	-19904.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1171	0	0	0.00000E+00	0.00000E+00	-55770.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1177	0	0	0.00000E+00	0.00000E+00	-50082.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1182	0	0	0.00000E+00	0.00000E+00	-13319.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1208	0	0	0.00000E+00	0.00000E+00	-49482.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1229	0	0	0.00000E+00	0.00000E+00	-75583.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1231	0	0	0.00000E+00	0.00000E+00	-46150.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1252	0	0	0.00000E+00	0.00000E+00	-23311.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9085	0	0	0.00000E+00	0.00000E+00	-32952.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9087	0	0	0.00000E+00	0.00000E+00	-30213.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10576	0	0	0.00000E+00	0.00000E+00	-15335.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10577	0	0	0.00000E+00	0.00000E+00	-14782.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10580	0	0	0.00000E+00	0.00000E+00	-15261.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
 LARGEST NODE OR ELEMENT NUMBER = 10580

L O A D C A S E 4336

LoadID=30 Line=2937 Dir=Fwd Pos=112

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1177	0	0	0.00000E+00	0.00000E+00	-93079.	0.00000E+00	0.00000E+00	0.00000E+00		
1198	0	0	0.00000E+00	0.00000E+00	-31986.	0.00000E+00	0.00000E+00	0.00000E+00		
1200	0	0	0.00000E+00	0.00000E+00	-19530.	0.00000E+00	0.00000E+00	0.00000E+00		
1208	0	0	0.00000E+00	0.00000E+00	-1588.3	0.00000E+00	0.00000E+00	0.00000E+00		
1220	0	0	0.00000E+00	0.00000E+00	-9864.8	0.00000E+00	0.00000E+00	0.00000E+00		
1229	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00		
1231	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00		
1239	0	0	0.00000E+00	0.00000E+00	-29324.	0.00000E+00	0.00000E+00	0.00000E+00		
1252	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00		
9085	0	0	0.00000E+00	0.00000E+00	-56833.	0.00000E+00	0.00000E+00	0.00000E+00		
9087	0	0	0.00000E+00	0.00000E+00	-969.77	0.00000E+00	0.00000E+00	0.00000E+00		
9089	0	0	0.00000E+00	0.00000E+00	-17905.	0.00000E+00	0.00000E+00	0.00000E+00		
10577	0	0	0.00000E+00	0.00000E+00	-28707.	0.00000E+00	0.00000E+00	0.00000E+00		
10580	0	0	0.00000E+00	0.00000E+00	-489.84	0.00000E+00	0.00000E+00	0.00000E+00		
10583	0	0	0.00000E+00	0.00000E+00	-9043.8	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 15  
 LARGEST NODE OR ELEMENT NUMBER = 10583

L O A D C A S E 4337

LoadID=30 Line=2937 Dir=Fwd Pos=113

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1177	0	0	0.00000E+00	0.00000E+00	-23387.	0.00000E+00	0.00000E+00	0.00000E+00		
1198	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00		
1200	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00		
1208	0	0	0.00000E+00	0.00000E+00	-7525.3	0.00000E+00	0.00000E+00	0.00000E+00		
1220	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00		
1229	0	0	0.00000E+00	0.00000E+00	-25512.	0.00000E+00	0.00000E+00	0.00000E+00		
1231	0	0	0.00000E+00	0.00000E+00	-15577.	0.00000E+00	0.00000E+00	0.00000E+00		
1239	0	0	0.00000E+00	0.00000E+00	-68997.	0.00000E+00	0.00000E+00	0.00000E+00		
1245	0	0	0.00000E+00	0.00000E+00	-22350.	0.00000E+00	0.00000E+00	0.00000E+00		
1252	0	0	0.00000E+00	0.00000E+00	-7868.2	0.00000E+00	0.00000E+00	0.00000E+00		
1266	0	0	0.00000E+00	0.00000E+00	-13499.	0.00000E+00	0.00000E+00	0.00000E+00		
1268	0	0	0.00000E+00	0.00000E+00	-5812.6	0.00000E+00	0.00000E+00	0.00000E+00		
1291	0	0	0.00000E+00	0.00000E+00	-6088.7	0.00000E+00	0.00000E+00	0.00000E+00		
9085	0	0	0.00000E+00	0.00000E+00	-14280.	0.00000E+00	0.00000E+00	0.00000E+00		
9087	0	0	0.00000E+00	0.00000E+00	-4594.9	0.00000E+00	0.00000E+00	0.00000E+00		
9089	0	0	0.00000E+00	0.00000E+00	-46979.	0.00000E+00	0.00000E+00	0.00000E+00		
10577	0	0	0.00000E+00	0.00000E+00	-7212.7	0.00000E+00	0.00000E+00	0.00000E+00		
10580	0	0	0.00000E+00	0.00000E+00	-2320.9	0.00000E+00	0.00000E+00	0.00000E+00		
10583	0	0	0.00000E+00	0.00000E+00	-19716.	0.00000E+00	0.00000E+00	0.00000E+00		
10584	0	0	0.00000E+00	0.00000E+00	-7600.4	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10584

L O A D C A S E 4338

LoadID=30 Line=2937 Dir=Fwd Pos=114

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1198	0	0	0.00000E+00	0.00000E+00	-63709.	0.00000E+00	0.00000E+00	0.00000E+00		
1200	0	0	0.00000E+00	0.00000E+00	-38900.	0.00000E+00	0.00000E+00	0.00000E+00		
1208	0	0	0.00000E+00	0.00000E+00	-61356.	0.00000E+00	0.00000E+00	0.00000E+00		
1220	0	0	0.00000E+00	0.00000E+00	-19648.	0.00000E+00	0.00000E+00	0.00000E+00		
1239	0	0	0.00000E+00	0.00000E+00	-46187.	0.00000E+00	0.00000E+00	0.00000E+00		
1245	0	0	0.00000E+00	0.00000E+00	-56558.	0.00000E+00	0.00000E+00	0.00000E+00		
1266	0	0	0.00000E+00	0.00000E+00	-42084.	0.00000E+00	0.00000E+00	0.00000E+00		
1268	0	0	0.00000E+00	0.00000E+00	-23736.	0.00000E+00	0.00000E+00	0.00000E+00		
1291	0	0	0.00000E+00	0.00000E+00	-13764.	0.00000E+00	0.00000E+00	0.00000E+00		
9087	0	0	0.00000E+00	0.00000E+00	-37464.	0.00000E+00	0.00000E+00	0.00000E+00		
9089	0	0	0.00000E+00	0.00000E+00	-28058.	0.00000E+00	0.00000E+00	0.00000E+00		
10580	0	0	0.00000E+00	0.00000E+00	-18923.	0.00000E+00	0.00000E+00	0.00000E+00		
10583	0	0	0.00000E+00	0.00000E+00	-14239.	0.00000E+00	0.00000E+00	0.00000E+00		
10584	0	0	0.00000E+00	0.00000E+00	-15374.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14  
 LARGEST NODE OR ELEMENT NUMBER = 10584

L O A D C A S E 4339

LoadID=30 Line=2937 Dir=Fwd Pos=115

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1198	0	0	0.00000E+00	0.00000E+00	-8701.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1200	0	0	0.00000E+00	0.00000E+00	-5313.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1208	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1220	0	0	0.00000E+00	0.00000E+00	-2683.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1229	0	0	0.00000E+00	0.00000E+00	-22210.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1231	0	0	0.00000E+00	0.00000E+00	-13562.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1239	0	0	0.00000E+00	0.00000E+00	-14534.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1245	0	0	0.00000E+00	0.00000E+00	-26204.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1252	0	0	0.00000E+00	0.00000E+00	-6849.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1266	0	0	0.00000E+00	0.00000E+00	-72421.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1268	0	0	0.00000E+00	0.00000E+00	-46900.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1276	0	0	0.00000E+00	0.00000E+00	-20085.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1291	0	0	0.00000E+00	0.00000E+00	-20986.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9087	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9089	0	0	0.00000E+00	0.00000E+00	-6625.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9096	0	0	0.00000E+00	0.00000E+00	-12264.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10580	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10583	0	0	0.00000E+00	0.00000E+00	-6123.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10584	0	0	0.00000E+00	0.00000E+00	-7662.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10587	0	0	0.00000E+00	0.00000E+00	-6194.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10587

L O A D C A S E 4340

LoadID=30 Line=2937 Dir=Fwd Pos=116

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1208	0	0	0.00000E+00	0.00000E+00	-34339.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1229	0	0	0.00000E+00	0.00000E+00	-90726.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1231	0	0	0.00000E+00	0.00000E+00	-55397.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1252	0	0	0.00000E+00	0.00000E+00	-27981.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1266	0	0	0.00000E+00	0.00000E+00	-38589.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1268	0	0	0.00000E+00	0.00000E+00	-23562.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1276	0	0	0.00000E+00	0.00000E+00	-86476.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1291	0	0	0.00000E+00	0.00000E+00	-11901.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9087	0	0	0.00000E+00	0.00000E+00	-20967.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9096	0	0	0.00000E+00	0.00000E+00	-52802.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10580	0	0	0.00000E+00	0.00000E+00	-10590.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10587	0	0	0.00000E+00	0.00000E+00	-26670.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10587

L O A D C A S E 4341

LoadID=30 Line=2937 Dir=Fwd Pos=117

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1229	0	0	0.00000E+00	0.00000E+00	-82186.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1231	0	0	0.00000E+00	0.00000E+00	-50182.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1239	0	0	0.00000E+00	0.00000E+00	-42879.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1252	0	0	0.00000E+00	0.00000E+00	-25347.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1276	0	0	0.00000E+00	0.00000E+00	-86436.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1303	0	0	0.00000E+00	0.00000E+00	-38629.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1305	0	0	0.00000E+00	0.00000E+00	-23586.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1327	0	0	0.00000E+00	0.00000E+00	-11914.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9089	0	0	0.00000E+00	0.00000E+00	-26182.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9096	0	0	0.00000E+00	0.00000E+00	-52777.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10583	0	0	0.00000E+00	0.00000E+00	-13224.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10587	0	0	0.00000E+00	0.00000E+00	-26658.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10587

LOAD CASE 4342

LoadID=30 Line=2937 Dir=Fwd Pos=118

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1229	0	0	0.00000E+00	0.00000E+00	-17940.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1231	0	0	0.00000E+00	0.00000E+00	-10954.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1239	0	0	0.00000E+00	0.00000E+00	-74173.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1245	0	0	0.00000E+00	0.00000E+00	-26187.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1252	0	0	0.00000E+00	0.00000E+00	-5532.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1266	0	0	0.00000E+00	0.00000E+00	-15301.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1268	0	0	0.00000E+00	0.00000E+00	-7130.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1276	0	0	0.00000E+00	0.00000E+00	-20065.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1291	0	0	0.00000E+00	0.00000E+00	-6266.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1303	0	0	0.00000E+00	0.00000E+00	-94157.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1305	0	0	0.00000E+00	0.00000E+00	-57492.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1313	0	0	0.00000E+00	0.00000E+00	-10842.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1327	0	0	0.00000E+00	0.00000E+00	-29039.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9089	0	0	0.00000E+00	0.00000E+00	-47202.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9096	0	0	0.00000E+00	0.00000E+00	-12252.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9098	0	0	0.00000E+00	0.00000E+00	-6620.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10583	0	0	0.00000E+00	0.00000E+00	-21642.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10584	0	0	0.00000E+00	0.00000E+00	-7670.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10587	0	0	0.00000E+00	0.00000E+00	-6188.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10590	0	0	0.00000E+00	0.00000E+00	-3343.9	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 = 10590

LOAD CASE 4343

LoadID=30 Line=2937 Dir=Fwd Pos=119

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1239	0	0	0.00000E+00	0.00000E+00	-40624.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1245	0	0	0.00000E+00	0.00000E+00	-56543.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1266	0	0	0.00000E+00	0.00000E+00	-47447.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1268	0	0	0.00000E+00	0.00000E+00	-29651.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1291	0	0	0.00000E+00	0.00000E+00	-14387.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1303	0	0	0.00000E+00	0.00000E+00	-57094.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1305	0	0	0.00000E+00	0.00000E+00	-34861.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1313	0	0	0.00000E+00	0.00000E+00	-67971.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1327	0	0	0.00000E+00	0.00000E+00	-17608.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9089	0	0	0.00000E+00	0.00000E+00	-22376.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9098	0	0	0.00000E+00	0.00000E+00	-41502.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10583	0	0	0.00000E+00	0.00000E+00	-13587.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10584	0	0	0.00000E+00	0.00000E+00	-15385.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10590	0	0	0.00000E+00	0.00000E+00	-20963.	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 = 10590

LOAD CASE 4344

LoadID=30 Line=2937 Dir=Fwd Pos=120

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1239	0	0	0.00000E+00	0.00000E+00	-12955.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1245	0	0	0.00000E+00	0.00000E+00	-22550.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1266	0	0	0.00000E+00	0.00000E+00	-66928.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1268	0	0	0.00000E+00	0.00000E+00	-46354.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1276	0	0	0.00000E+00	0.00000E+00	-27657.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1291	0	0	0.00000E+00	0.00000E+00	-19054.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1303	0	0	0.00000E+00	0.00000E+00	-5403.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1305	0	0	0.00000E+00	0.00000E+00	-3299.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1313	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1327	0	0	0.00000E+00	0.00000E+00	-1666.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1334	0	0	0.00000E+00	0.00000E+00	-25496.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1336	0	0	0.00000E+00	0.00000E+00	-15567.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1361	0	0	0.00000E+00	0.00000E+00	-7863.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9089	0	0	0.00000E+00	0.00000E+00	-5488.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9096	0	0	0.00000E+00	0.00000E+00	-16887.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9098	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10583	0	0	0.00000E+00	0.00000E+00	-5968.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10584	0	0	0.00000E+00	0.00000E+00	-7629.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10587	0	0	0.00000E+00	0.00000E+00	-8529.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10590	0	0	0.00000E+00	0.00000E+00	-29042.	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 = 10590

L O A D C A S E 4345

LoadID=30 Line=2937 Dir=Fwd Pos=121

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1266	0	0	0.00000E+00	0.00000E+00	-27179.	0.00000E+00	0.00000E+00	0.00000E+00		
1268	0	0	0.00000E+00	0.00000E+00	-16595.	0.00000E+00	0.00000E+00	0.00000E+00		
1276	0	0	0.00000E+00	0.00000E+00	-94153.	0.00000E+00	0.00000E+00	0.00000E+00		
1291	0	0	0.00000E+00	0.00000E+00	-8382.2	0.00000E+00	0.00000E+00	0.00000E+00		
1303	0	0	0.00000E+00	0.00000E+00	-3733.3	0.00000E+00	0.00000E+00	0.00000E+00		
1305	0	0	0.00000E+00	0.00000E+00	-2279.5	0.00000E+00	0.00000E+00	0.00000E+00		
1313	0	0	0.00000E+00	0.00000E+00	-29343.	0.00000E+00	0.00000E+00	0.00000E+00		
1327	0	0	0.00000E+00	0.00000E+00	-1151.4	0.00000E+00	0.00000E+00	0.00000E+00		
1334	0	0	0.00000E+00	0.00000E+00	-65606.	0.00000E+00	0.00000E+00	0.00000E+00		
1336	0	0	0.00000E+00	0.00000E+00	-45888.	0.00000E+00	0.00000E+00	0.00000E+00		
1344	0	0	0.00000E+00	0.00000E+00	-21937.	0.00000E+00	0.00000E+00	0.00000E+00		
1350	0	0	0.00000E+00	0.00000E+00	-12719.	0.00000E+00	0.00000E+00	0.00000E+00		
1361	0	0	0.00000E+00	0.00000E+00	-18631.	0.00000E+00	0.00000E+00	0.00000E+00		
9096	0	0	0.00000E+00	0.00000E+00	-57489.	0.00000E+00	0.00000E+00	0.00000E+00		
9098	0	0	0.00000E+00	0.00000E+00	-17917.	0.00000E+00	0.00000E+00	0.00000E+00		
9100	0	0	0.00000E+00	0.00000E+00	-5332.0	0.00000E+00	0.00000E+00	0.00000E+00		
10587	0	0	0.00000E+00	0.00000E+00	-29038.	0.00000E+00	0.00000E+00	0.00000E+00		
10590	0	0	0.00000E+00	0.00000E+00	-9049.8	0.00000E+00	0.00000E+00	0.00000E+00		
10593	0	0	0.00000E+00	0.00000E+00	-7629.3	0.00000E+00	0.00000E+00	0.00000E+00		
10594	0	0	0.00000E+00	0.00000E+00	-5946.8	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10594

L O A D C A S E 4346

LoadID=30 Line=2937 Dir=Fwd Pos=122

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1276	0	0	0.00000E+00	0.00000E+00	-71293.	0.00000E+00	0.00000E+00	0.00000E+00		
1303	0	0	0.00000E+00	0.00000E+00	-53772.	0.00000E+00	0.00000E+00	0.00000E+00		
1305	0	0	0.00000E+00	0.00000E+00	-32833.	0.00000E+00	0.00000E+00	0.00000E+00		
1327	0	0	0.00000E+00	0.00000E+00	-16584.	0.00000E+00	0.00000E+00	0.00000E+00		
1334	0	0	0.00000E+00	0.00000E+00	-48551.	0.00000E+00	0.00000E+00	0.00000E+00		
1336	0	0	0.00000E+00	0.00000E+00	-31063.	0.00000E+00	0.00000E+00	0.00000E+00		
1344	0	0	0.00000E+00	0.00000E+00	-56412.	0.00000E+00	0.00000E+00	0.00000E+00		
1350	0	0	0.00000E+00	0.00000E+00	-39364.	0.00000E+00	0.00000E+00	0.00000E+00		
1361	0	0	0.00000E+00	0.00000E+00	-14533.	0.00000E+00	0.00000E+00	0.00000E+00		
9096	0	0	0.00000E+00	0.00000E+00	-43531.	0.00000E+00	0.00000E+00	0.00000E+00		
9100	0	0	0.00000E+00	0.00000E+00	-21247.	0.00000E+00	0.00000E+00	0.00000E+00		
10587	0	0	0.00000E+00	0.00000E+00	-21987.	0.00000E+00	0.00000E+00	0.00000E+00		
10593	0	0	0.00000E+00	0.00000E+00	-15382.	0.00000E+00	0.00000E+00	0.00000E+00		
10594	0	0	0.00000E+00	0.00000E+00	-13447.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14  
 LARGEST NODE OR ELEMENT NUMBER = 10594

L O A D C A S E 4347

LoadID=30 Line=2937 Dir=Fwd Pos=123

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1276	0	0	0.00000E+00	0.00000E+00	-12494.	0.00000E+00	0.00000E+00	0.00000E+00		
1303	0	0	0.00000E+00	0.00000E+00	-94160.	0.00000E+00	0.00000E+00	0.00000E+00		
1305	0	0	0.00000E+00	0.00000E+00	-57494.	0.00000E+00	0.00000E+00	0.00000E+00		
1313	0	0	0.00000E+00	0.00000E+00	-18411.	0.00000E+00	0.00000E+00	0.00000E+00		
1327	0	0	0.00000E+00	0.00000E+00	-29040.	0.00000E+00	0.00000E+00	0.00000E+00		
1334	0	0	0.00000E+00	0.00000E+00	-15769.	0.00000E+00	0.00000E+00	0.00000E+00		
1336	0	0	0.00000E+00	0.00000E+00	-7474.2	0.00000E+00	0.00000E+00	0.00000E+00		
1344	0	0	0.00000E+00	0.00000E+00	-27140.	0.00000E+00	0.00000E+00	0.00000E+00		
1350	0	0	0.00000E+00	0.00000E+00	-75186.	0.00000E+00	0.00000E+00	0.00000E+00		
1361	0	0	0.00000E+00	0.00000E+00	-6314.6	0.00000E+00	0.00000E+00	0.00000E+00		
1371	0	0	0.00000E+00	0.00000E+00	-16209.	0.00000E+00	0.00000E+00	0.00000E+00		
1373	0	0	0.00000E+00	0.00000E+00	-9897.2	0.00000E+00	0.00000E+00	0.00000E+00		
1396	0	0	0.00000E+00	0.00000E+00	-4999.1	0.00000E+00	0.00000E+00	0.00000E+00		
9096	0	0	0.00000E+00	0.00000E+00	-7628.5	0.00000E+00	0.00000E+00	0.00000E+00		
9098	0	0	0.00000E+00	0.00000E+00	-11242.	0.00000E+00	0.00000E+00	0.00000E+00		
9100	0	0	0.00000E+00	0.00000E+00	-47242.	0.00000E+00	0.00000E+00	0.00000E+00		
10587	0	0	0.00000E+00	0.00000E+00	-3853.2	0.00000E+00	0.00000E+00	0.00000E+00		
10590	0	0	0.00000E+00	0.00000E+00	-5678.1	0.00000E+00	0.00000E+00	0.00000E+00		

10593 0 0 0.00000E+00 0.00000E+00 -7685.9 0.00000E+00 0.00000E+00 0.00000E+00  
 10594 0 0 0.00000E+00 0.00000E+00 -22082. 0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10594

L O A D C A S E 4348

LoadID=30 Line=2937 Dir=Fwd Pos=124

CONCENTRATED LOAD

FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
1303	0	0	0.00000E+00	0.00000E+00	-41957.	0.00000E+00	0.00000E+00	0.00000E+00
1305	0	0	0.00000E+00	0.00000E+00	-25618.	0.00000E+00	0.00000E+00	0.00000E+00
1313	0	0	0.00000E+00	0.00000E+00	-83108.	0.00000E+00	0.00000E+00	0.00000E+00
1327	0	0	0.00000E+00	0.00000E+00	-12940.	0.00000E+00	0.00000E+00	0.00000E+00
1350	0	0	0.00000E+00	0.00000E+00	-46360.	0.00000E+00	0.00000E+00	0.00000E+00
1371	0	0	0.00000E+00	0.00000E+00	-78705.	0.00000E+00	0.00000E+00	0.00000E+00
1373	0	0	0.00000E+00	0.00000E+00	-48057.	0.00000E+00	0.00000E+00	0.00000E+00
1396	0	0	0.00000E+00	0.00000E+00	-24274.	0.00000E+00	0.00000E+00	0.00000E+00
9098	0	0	0.00000E+00	0.00000E+00	-50745.	0.00000E+00	0.00000E+00	0.00000E+00
9100	0	0	0.00000E+00	0.00000E+00	-28307.	0.00000E+00	0.00000E+00	0.00000E+00
10590	0	0	0.00000E+00	0.00000E+00	-25631.	0.00000E+00	0.00000E+00	0.00000E+00
10594	0	0	0.00000E+00	0.00000E+00	-14298.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10594

L O A D C A S E 4349

LoadID=30 Line=2937 Dir=Fwd Pos=125

CONCENTRATED LOAD

FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
1313	0	0	0.00000E+00	0.00000E+00	-89836.	0.00000E+00	0.00000E+00	0.00000E+00
1334	0	0	0.00000E+00	0.00000E+00	-35229.	0.00000E+00	0.00000E+00	0.00000E+00
1336	0	0	0.00000E+00	0.00000E+00	-21511.	0.00000E+00	0.00000E+00	0.00000E+00
1350	0	0	0.00000E+00	0.00000E+00	-36.725	0.00000E+00	0.00000E+00	0.00000E+00
1361	0	0	0.00000E+00	0.00000E+00	-10865.	0.00000E+00	0.00000E+00	0.00000E+00
1371	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00
1373	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00
1381	0	0	0.00000E+00	0.00000E+00	-30863.	0.00000E+00	0.00000E+00	0.00000E+00
1396	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00
9098	0	0	0.00000E+00	0.00000E+00	-54853.	0.00000E+00	0.00000E+00	0.00000E+00
9100	0	0	0.00000E+00	0.00000E+00	-22.424	0.00000E+00	0.00000E+00	0.00000E+00
9102	0	0	0.00000E+00	0.00000E+00	-18844.	0.00000E+00	0.00000E+00	0.00000E+00
10590	0	0	0.00000E+00	0.00000E+00	-27706.	0.00000E+00	0.00000E+00	0.00000E+00
10594	0	0	0.00000E+00	0.00000E+00	-11.326	0.00000E+00	0.00000E+00	0.00000E+00
10597	0	0	0.00000E+00	0.00000E+00	-9518.4	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 15  
 LARGEST NODE OR ELEMENT NUMBER = 10597

L O A D C A S E 4350

LoadID=30 Line=2937 Dir=Fwd Pos=126

CONCENTRATED LOAD

FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
1313	0	0	0.00000E+00	0.00000E+00	-21775.	0.00000E+00	0.00000E+00	0.00000E+00
1334	0	0	0.00000E+00	0.00000E+00	-71303.	0.00000E+00	0.00000E+00	0.00000E+00
1336	0	0	0.00000E+00	0.00000E+00	-46897.	0.00000E+00	0.00000E+00	0.00000E+00
1344	0	0	0.00000E+00	0.00000E+00	-25284.	0.00000E+00	0.00000E+00	0.00000E+00
1350	0	0	0.00000E+00	0.00000E+00	-14118.	0.00000E+00	0.00000E+00	0.00000E+00
1361	0	0	0.00000E+00	0.00000E+00	-20555.	0.00000E+00	0.00000E+00	0.00000E+00
1371	0	0	0.00000E+00	0.00000E+00	-23976.	0.00000E+00	0.00000E+00	0.00000E+00
1373	0	0	0.00000E+00	0.00000E+00	-14640.	0.00000E+00	0.00000E+00	0.00000E+00
1381	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00
1396	0	0	0.00000E+00	0.00000E+00	-7394.6	0.00000E+00	0.00000E+00	0.00000E+00
1402	0	0	0.00000E+00	0.00000E+00	-6923.0	0.00000E+00	0.00000E+00	0.00000E+00
1404	0	0	0.00000E+00	0.00000E+00	-4227.1	0.00000E+00	0.00000E+00	0.00000E+00
1430	0	0	0.00000E+00	0.00000E+00	-2135.1	0.00000E+00	0.00000E+00	0.00000E+00
9098	0	0	0.00000E+00	0.00000E+00	-13295.	0.00000E+00	0.00000E+00	0.00000E+00
9100	0	0	0.00000E+00	0.00000E+00	-6322.3	0.00000E+00	0.00000E+00	0.00000E+00
9102	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00
10590	0	0	0.00000E+00	0.00000E+00	-6715.6	0.00000E+00	0.00000E+00	0.00000E+00
10593	0	0	0.00000E+00	0.00000E+00	-7652.5	0.00000E+00	0.00000E+00	0.00000E+00
10594	0	0	0.00000E+00	0.00000E+00	-6081.0	0.00000E+00	0.00000E+00	0.00000E+00

10597 0 0 0.00000E+00 0.00000E+00 -29042. 0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10597

L O A D C A S E 4351

LoadID=30 Line=2937 Dir=Fwd Pos=127

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
1334	0	0	0.00000E+00	0.00000E+00	-43337.	0.00000E+00	0.00000E+00	0.00000E+00	
1336	0	0	0.00000E+00	0.00000E+00	-24986.	0.00000E+00	0.00000E+00	0.00000E+00	
1344	0	0	0.00000E+00	0.00000E+00	-56657.	0.00000E+00	0.00000E+00	0.00000E+00	
1350	0	0	0.00000E+00	0.00000E+00	-44964.	0.00000E+00	0.00000E+00	0.00000E+00	
1361	0	0	0.00000E+00	0.00000E+00	-13902.	0.00000E+00	0.00000E+00	0.00000E+00	
1381	0	0	0.00000E+00	0.00000E+00	-64932.	0.00000E+00	0.00000E+00	0.00000E+00	
1402	0	0	0.00000E+00	0.00000E+00	-60132.	0.00000E+00	0.00000E+00	0.00000E+00	
1404	0	0	0.00000E+00	0.00000E+00	-36716.	0.00000E+00	0.00000E+00	0.00000E+00	
1430	0	0	0.00000E+00	0.00000E+00	-18546.	0.00000E+00	0.00000E+00	0.00000E+00	
9100	0	0	0.00000E+00	0.00000E+00	-26683.	0.00000E+00	0.00000E+00	0.00000E+00	
9102	0	0	0.00000E+00	0.00000E+00	-39647.	0.00000E+00	0.00000E+00	0.00000E+00	
10593	0	0	0.00000E+00	0.00000E+00	-15383.	0.00000E+00	0.00000E+00	0.00000E+00	
10594	0	0	0.00000E+00	0.00000E+00	-14088.	0.00000E+00	0.00000E+00	0.00000E+00	
10597	0	0	0.00000E+00	0.00000E+00	-20206.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 10597

L O A D C A S E 4352

LoadID=30 Line=2937 Dir=Fwd Pos=128

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
1334	0	0	0.00000E+00	0.00000E+00	-13850.	0.00000E+00	0.00000E+00	0.00000E+00	
1336	0	0	0.00000E+00	0.00000E+00	-6067.6	0.00000E+00	0.00000E+00	0.00000E+00	
1344	0	0	0.00000E+00	0.00000E+00	-23135.	0.00000E+00	0.00000E+00	0.00000E+00	
1350	0	0	0.00000E+00	0.00000E+00	-70298.	0.00000E+00	0.00000E+00	0.00000E+00	
1361	0	0	0.00000E+00	0.00000E+00	-6122.0	0.00000E+00	0.00000E+00	0.00000E+00	
1371	0	0	0.00000E+00	0.00000E+00	-23778.	0.00000E+00	0.00000E+00	0.00000E+00	
1373	0	0	0.00000E+00	0.00000E+00	-14519.	0.00000E+00	0.00000E+00	0.00000E+00	
1381	0	0	0.00000E+00	0.00000E+00	-9323.0	0.00000E+00	0.00000E+00	0.00000E+00	
1396	0	0	0.00000E+00	0.00000E+00	-7333.4	0.00000E+00	0.00000E+00	0.00000E+00	
1402	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00	
1404	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00	
1412	0	0	0.00000E+00	0.00000E+00	-21576.	0.00000E+00	0.00000E+00	0.00000E+00	
1430	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00	
9100	0	0	0.00000E+00	0.00000E+00	-47123.	0.00000E+00	0.00000E+00	0.00000E+00	
9102	0	0	0.00000E+00	0.00000E+00	-5692.5	0.00000E+00	0.00000E+00	0.00000E+00	
9104	0	0	0.00000E+00	0.00000E+00	-13174.	0.00000E+00	0.00000E+00	0.00000E+00	
10593	0	0	0.00000E+00	0.00000E+00	-7615.0	0.00000E+00	0.00000E+00	0.00000E+00	
10594	0	0	0.00000E+00	0.00000E+00	-20158.	0.00000E+00	0.00000E+00	0.00000E+00	
10597	0	0	0.00000E+00	0.00000E+00	-2875.3	0.00000E+00	0.00000E+00	0.00000E+00	
10600	0	0	0.00000E+00	0.00000E+00	-6654.4	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10600

L O A D C A S E 4353

LoadID=30 Line=2937 Dir=Fwd Pos=129

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
1350	0	0	0.00000E+00	0.00000E+00	-31223.	0.00000E+00	0.00000E+00	0.00000E+00	
1371	0	0	0.00000E+00	0.00000E+00	-93842.	0.00000E+00	0.00000E+00	0.00000E+00	
1373	0	0	0.00000E+00	0.00000E+00	-57299.	0.00000E+00	0.00000E+00	0.00000E+00	
1396	0	0	0.00000E+00	0.00000E+00	-28942.	0.00000E+00	0.00000E+00	0.00000E+00	
1402	0	0	0.00000E+00	0.00000E+00	-35626.	0.00000E+00	0.00000E+00	0.00000E+00	
1404	0	0	0.00000E+00	0.00000E+00	-21753.	0.00000E+00	0.00000E+00	0.00000E+00	
1412	0	0	0.00000E+00	0.00000E+00	-89439.	0.00000E+00	0.00000E+00	0.00000E+00	
1430	0	0	0.00000E+00	0.00000E+00	-10987.	0.00000E+00	0.00000E+00	0.00000E+00	
9100	0	0	0.00000E+00	0.00000E+00	-19064.	0.00000E+00	0.00000E+00	0.00000E+00	
9104	0	0	0.00000E+00	0.00000E+00	-54611.	0.00000E+00	0.00000E+00	0.00000E+00	
10594	0	0	0.00000E+00	0.00000E+00	-9629.4	0.00000E+00	0.00000E+00	0.00000E+00	
10600	0	0	0.00000E+00	0.00000E+00	-27584.	0.00000E+00	0.00000E+00	0.00000E+00	



NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10600

L O A D C A S E 4354

LoadID=30 Line=2937 Dir=Fwd Pos=130

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1371	0	0	0.00000E+00	0.00000E+00	-79102.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1373	0	0	0.00000E+00	0.00000E+00	-48299.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1381	0	0	0.00000E+00	0.00000E+00	-45963.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1396	0	0	0.00000E+00	0.00000E+00	-24396.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1412	0	0	0.00000E+00	0.00000E+00	-51194.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1418	0	0	0.00000E+00	0.00000E+00	-55375.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1439	0	0	0.00000E+00	0.00000E+00	-36654.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1441	0	0	0.00000E+00	0.00000E+00	-18904.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1465	0	0	0.00000E+00	0.00000E+00	-13194.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9102	0	0	0.00000E+00	0.00000E+00	-28065.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9104	0	0	0.00000E+00	0.00000E+00	-34394.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10597	0	0	0.00000E+00	0.00000E+00	-14176.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10600	0	0	0.00000E+00	0.00000E+00	-14960.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10601	0	0	0.00000E+00	0.00000E+00	-15324.	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 = 10601

L O A D C A S E 4355

LoadID=30 Line=2937 Dir=Fwd Pos=131

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1371	0	0	0.00000E+00	0.00000E+00	-16408.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1373	0	0	0.00000E+00	0.00000E+00	-10018.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1381	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1396	0	0	0.00000E+00	0.00000E+00	-5060.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1402	0	0	0.00000E+00	0.00000E+00	-14492.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1404	0	0	0.00000E+00	0.00000E+00	-8848.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1412	0	0	0.00000E+00	0.00000E+00	-16677.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1418	0	0	0.00000E+00	0.00000E+00	-30359.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1430	0	0	0.00000E+00	0.00000E+00	-4469.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1439	0	0	0.00000E+00	0.00000E+00	-76949.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1441	0	0	0.00000E+00	0.00000E+00	-47210.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1449	0	0	0.00000E+00	0.00000E+00	-12290.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1465	0	0	0.00000E+00	0.00000E+00	-22985.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9102	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9104	0	0	0.00000E+00	0.00000E+00	-8173.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9106	0	0	0.00000E+00	0.00000E+00	-7504.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10597	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10600	0	0	0.00000E+00	0.00000E+00	-6358.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10601	0	0	0.00000E+00	0.00000E+00	-7704.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10604	0	0	0.00000E+00	0.00000E+00	-3790.4	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 = 10604

L O A D C A S E 4356

LoadID=30 Line=2937 Dir=Fwd Pos=132

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1381	0	0	0.00000E+00	0.00000E+00	-49795.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1402	0	0	0.00000E+00	0.00000E+00	-75270.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1404	0	0	0.00000E+00	0.00000E+00	-45959.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1430	0	0	0.00000E+00	0.00000E+00	-23214.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1439	0	0	0.00000E+00	0.00000E+00	-54198.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1441	0	0	0.00000E+00	0.00000E+00	-33093.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1449	0	0	0.00000E+00	0.00000E+00	-70867.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1465	0	0	0.00000E+00	0.00000E+00	-16715.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9102	0	0	0.00000E+00	0.00000E+00	-30405.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9106	0	0	0.00000E+00	0.00000E+00	-43271.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10597	0	0	0.00000E+00	0.00000E+00	-15357.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10604	0	0	0.00000E+00	0.00000E+00	-21856.	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 = 10604

L O A D C A S E 4357

LoadID=30 Line=2937 Dir=Fwd Pos=133

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
1381	0	0	0.00000E+00	0.00000E+00	-1754.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1402	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1404	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1412	0	0	0.00000E+00	0.00000E+00	-29145.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1430	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1439	0	0	0.00000E+00	0.00000E+00	-3955.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1441	0	0	0.00000E+00	0.00000E+00	-2415.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1449	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1465	0	0	0.00000E+00	0.00000E+00	-1220.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1470	0	0	0.00000E+00	0.00000E+00	-26943.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1472	0	0	0.00000E+00	0.00000E+00	-16451.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1497	0	0	0.00000E+00	0.00000E+00	-8309.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9102	0	0	0.00000E+00	0.00000E+00	-1071.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9104	0	0	0.00000E+00	0.00000E+00	-17796.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9106	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10597	0	0	0.00000E+00	0.00000E+00	-541.06	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10600	0	0	0.00000E+00	0.00000E+00	-8988.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10604	0	0	0.00000E+00	0.00000E+00	-29042.	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 = 10604

L O A D C A S E 4358

LoadID=30 Line=2937 Dir=Fwd Pos=134

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
1402	0	0	0.00000E+00	0.00000E+00	-25694.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1404	0	0	0.00000E+00	0.00000E+00	-15688.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1412	0	0	0.00000E+00	0.00000E+00	-68870.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1418	0	0	0.00000E+00	0.00000E+00	-22251.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1430	0	0	0.00000E+00	0.00000E+00	-7924.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1439	0	0	0.00000E+00	0.00000E+00	-13460.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1441	0	0	0.00000E+00	0.00000E+00	-5785.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1449	0	0	0.00000E+00	0.00000E+00	-27895.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1465	0	0	0.00000E+00	0.00000E+00	-6085.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1470	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1472	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1480	0	0	0.00000E+00	0.00000E+00	-3003.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1497	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9104	0	0	0.00000E+00	0.00000E+00	-46969.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9106	0	0	0.00000E+00	0.00000E+00	-17033.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9228	0	0	0.00000E+00	0.00000E+00	-1834.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10600	0	0	0.00000E+00	0.00000E+00	-19673.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10601	0	0	0.00000E+00	0.00000E+00	-7598.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10604	0	0	0.00000E+00	0.00000E+00	-8603.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10607	0	0	0.00000E+00	0.00000E+00	-926.41	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 = 10607

L O A D C A S E 4359

LoadID=30 Line=2937 Dir=Fwd Pos=135

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
1412	0	0	0.00000E+00	0.00000E+00	-46332.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1418	0	0	0.00000E+00	0.00000E+00	-56551.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1439	0	0	0.00000E+00	0.00000E+00	-41930.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1441	0	0	0.00000E+00	0.00000E+00	-23584.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1465	0	0	0.00000E+00	0.00000E+00	-13748.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1470	0	0	0.00000E+00	0.00000E+00	-72771.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1472	0	0	0.00000E+00	0.00000E+00	-44433.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1480	0	0	0.00000E+00	0.00000E+00	-52294.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1497	0	0	0.00000E+00	0.00000E+00	-22443.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9104	0	0	0.00000E+00	0.00000E+00	-28222.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9228	0	0	0.00000E+00	0.00000E+00	-31930.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10600	0	0	0.00000E+00	0.00000E+00	-14258.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10601	0	0	0.00000E+00	0.00000E+00	-15374.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

10607 0 0 0.00000E+00 0.00000E+00 -16128. 0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 10607

L O A D C A S E 4360

LoadID=30 Line=2937 Dir=Fwd Pos=136

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1412	0	0	0.00000E+00	0.00000E+00	-14583.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1418	0	0	0.00000E+00	0.00000E+00	-26335.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1439	0	0	0.00000E+00	0.00000E+00	-72570.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1441	0	0	0.00000E+00	0.00000E+00	-46905.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1449	0	0	0.00000E+00	0.00000E+00	-19859.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1465	0	0	0.00000E+00	0.00000E+00	-21044.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1470	0	0	0.00000E+00	0.00000E+00	-13242.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1472	0	0	0.00000E+00	0.00000E+00	-8085.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1480	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1497	0	0	0.00000E+00	0.00000E+00	-4084.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1501	0	0	0.00000E+00	0.00000E+00	-17657.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1503	0	0	0.00000E+00	0.00000E+00	-10781.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1531	0	0	0.00000E+00	0.00000E+00	-5445.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9104	0	0	0.00000E+00	0.00000E+00	-6662.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9106	0	0	0.00000E+00	0.00000E+00	-12126.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9228	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10600	0	0	0.00000E+00	0.00000E+00	-6127.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10601	0	0	0.00000E+00	0.00000E+00	-7664.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10604	0	0	0.00000E+00	0.00000E+00	-6124.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10607	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10607

L O A D C A S E 4361

LoadID=30 Line=2937 Dir=Fwd Pos=137

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1439	0	0	0.00000E+00	0.00000E+00	-39061.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1441	0	0	0.00000E+00	0.00000E+00	-23850.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1449	0	0	0.00000E+00	0.00000E+00	-86004.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1465	0	0	0.00000E+00	0.00000E+00	-12047.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1480	0	0	0.00000E+00	0.00000E+00	-43464.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1501	0	0	0.00000E+00	0.00000E+00	-81601.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1503	0	0	0.00000E+00	0.00000E+00	-49825.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1531	0	0	0.00000E+00	0.00000E+00	-25167.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9106	0	0	0.00000E+00	0.00000E+00	-52513.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9228	0	0	0.00000E+00	0.00000E+00	-26539.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10604	0	0	0.00000E+00	0.00000E+00	-26525.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10607	0	0	0.00000E+00	0.00000E+00	-13405.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10607

L O A D C A S E 4362

LoadID=30 Line=2937 Dir=Fwd Pos=138

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1449	0	0	0.00000E+00	0.00000E+00	-86940.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1470	0	0	0.00000E+00	0.00000E+00	-38125.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1472	0	0	0.00000E+00	0.00000E+00	-23279.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1497	0	0	0.00000E+00	0.00000E+00	-11758.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1501	0	0	0.00000E+00	0.00000E+00	-53164.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1503	0	0	0.00000E+00	0.00000E+00	-36774.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1511	0	0	0.00000E+00	0.00000E+00	-55219.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1517	0	0	0.00000E+00	0.00000E+00	-34263.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1531	0	0	0.00000E+00	0.00000E+00	-15245.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9106	0	0	0.00000E+00	0.00000E+00	-53085.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9230	0	0	0.00000E+00	0.00000E+00	-17090.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10604	0	0	0.00000E+00	0.00000E+00	-26813.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10610	0	0	0.00000E+00	0.00000E+00	-15363.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
10611	0	0	0.00000E+00	0.00000E+00	-12883.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 10611

L O A D C A S E 4363

LoadID=30 Line=2937 Dir=Fwd Pos=139

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1449	0	0	0.00000E+00	0.00000E+00	-20327.	0.00000E+00	0.00000E+00	0.00000E+00		
1470	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00		
1472	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00		
1480	0	0	0.00000E+00	0.00000E+00	-10572.	0.00000E+00	0.00000E+00	0.00000E+00		
1497	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00		
1501	0	0	0.00000E+00	0.00000E+00	-18094.	0.00000E+00	0.00000E+00	0.00000E+00		
1503	0	0	0.00000E+00	0.00000E+00	-9162.6	0.00000E+00	0.00000E+00	0.00000E+00		
1511	0	0	0.00000E+00	0.00000E+00	-31108.	0.00000E+00	0.00000E+00	0.00000E+00		
1517	0	0	0.00000E+00	0.00000E+00	-79311.	0.00000E+00	0.00000E+00	0.00000E+00		
1531	0	0	0.00000E+00	0.00000E+00	-6560.6	0.00000E+00	0.00000E+00	0.00000E+00		
1538	0	0	0.00000E+00	0.00000E+00	-8370.9	0.00000E+00	0.00000E+00	0.00000E+00		
1540	0	0	0.00000E+00	0.00000E+00	-5111.2	0.00000E+00	0.00000E+00	0.00000E+00		
1566	0	0	0.00000E+00	0.00000E+00	-2581.7	0.00000E+00	0.00000E+00	0.00000E+00		
9106	0	0	0.00000E+00	0.00000E+00	-12411.	0.00000E+00	0.00000E+00	0.00000E+00		
9228	0	0	0.00000E+00	0.00000E+00	-6455.5	0.00000E+00	0.00000E+00	0.00000E+00		
9230	0	0	0.00000E+00	0.00000E+00	-47910.	0.00000E+00	0.00000E+00	0.00000E+00		
10604	0	0	0.00000E+00	0.00000E+00	-6269.0	0.00000E+00	0.00000E+00	0.00000E+00		
10607	0	0	0.00000E+00	0.00000E+00	-3260.7	0.00000E+00	0.00000E+00	0.00000E+00		
10610	0	0	0.00000E+00	0.00000E+00	-7729.3	0.00000E+00	0.00000E+00	0.00000E+00		
10611	0	0	0.00000E+00	0.00000E+00	-24060.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10611

L O A D C A S E 4364

LoadID=30 Line=2937 Dir=Fwd Pos=140

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1470	0	0	0.00000E+00	0.00000E+00	-57634.	0.00000E+00	0.00000E+00	0.00000E+00		
1472	0	0	0.00000E+00	0.00000E+00	-35191.	0.00000E+00	0.00000E+00	0.00000E+00		
1480	0	0	0.00000E+00	0.00000E+00	-67431.	0.00000E+00	0.00000E+00	0.00000E+00		
1497	0	0	0.00000E+00	0.00000E+00	-17775.	0.00000E+00	0.00000E+00	0.00000E+00		
1517	0	0	0.00000E+00	0.00000E+00	-62037.	0.00000E+00	0.00000E+00	0.00000E+00		
1538	0	0	0.00000E+00	0.00000E+00	-63028.	0.00000E+00	0.00000E+00	0.00000E+00		
1540	0	0	0.00000E+00	0.00000E+00	-38485.	0.00000E+00	0.00000E+00	0.00000E+00		
1566	0	0	0.00000E+00	0.00000E+00	-19439.	0.00000E+00	0.00000E+00	0.00000E+00		
9228	0	0	0.00000E+00	0.00000E+00	-41173.	0.00000E+00	0.00000E+00	0.00000E+00		
9230	0	0	0.00000E+00	0.00000E+00	-37879.	0.00000E+00	0.00000E+00	0.00000E+00		
10607	0	0	0.00000E+00	0.00000E+00	-20797.	0.00000E+00	0.00000E+00	0.00000E+00		
10611	0	0	0.00000E+00	0.00000E+00	-19133.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10611

L O A D C A S E 4365

LoadID=30 Line=2937 Dir=Fwd Pos=141

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1470	0	0	0.00000E+00	0.00000E+00	-5673.5	0.00000E+00	0.00000E+00	0.00000E+00		
1472	0	0	0.00000E+00	0.00000E+00	-3464.2	0.00000E+00	0.00000E+00	0.00000E+00		
1480	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00		
1497	0	0	0.00000E+00	0.00000E+00	-1749.8	0.00000E+00	0.00000E+00	0.00000E+00		
1501	0	0	0.00000E+00	0.00000E+00	-25226.	0.00000E+00	0.00000E+00	0.00000E+00		
1503	0	0	0.00000E+00	0.00000E+00	-15403.	0.00000E+00	0.00000E+00	0.00000E+00		
1517	0	0	0.00000E+00	0.00000E+00	-7875.1	0.00000E+00	0.00000E+00	0.00000E+00		
1531	0	0	0.00000E+00	0.00000E+00	-7779.9	0.00000E+00	0.00000E+00	0.00000E+00		
1538	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00		
1540	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00		
1548	0	0	0.00000E+00	0.00000E+00	-23024.	0.00000E+00	0.00000E+00	0.00000E+00		
1566	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00		
9228	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00		
9230	0	0	0.00000E+00	0.00000E+00	-4808.5	0.00000E+00	0.00000E+00	0.00000E+00		
9232	0	0	0.00000E+00	0.00000E+00	-14058.	0.00000E+00	0.00000E+00	0.00000E+00		
10607	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00		
10611	0	0	0.00000E+00	0.00000E+00	-2428.8	0.00000E+00	0.00000E+00	0.00000E+00		

10614 0 0 0.00000E+00 0.00000E+00 -7100.9 0.00000E+00 0.00000E+00 0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 18  
LARGEST NODE OR ELEMENT NUMBER = 10614

L O A D C A S E 4366

LoadID=30 Line=2937 Dir=Fwd Pos=142

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1480	0	0	0.00000E+00	0.00000E+00	-29613.	0.00000E+00	0.00000E+00	0.00000E+00		
1501	0	0	0.00000E+00	0.00000E+00	-65386.	0.00000E+00	0.00000E+00	0.00000E+00		
1503	0	0	0.00000E+00	0.00000E+00	-45789.	0.00000E+00	0.00000E+00	0.00000E+00		
1511	0	0	0.00000E+00	0.00000E+00	-21868.	0.00000E+00	0.00000E+00	0.00000E+00		
1517	0	0	0.00000E+00	0.00000E+00	-12685.	0.00000E+00	0.00000E+00	0.00000E+00		
1531	0	0	0.00000E+00	0.00000E+00	-18561.	0.00000E+00	0.00000E+00	0.00000E+00		
1538	0	0	0.00000E+00	0.00000E+00	-32730.	0.00000E+00	0.00000E+00	0.00000E+00		
1540	0	0	0.00000E+00	0.00000E+00	-19985.	0.00000E+00	0.00000E+00	0.00000E+00		
1548	0	0	0.00000E+00	0.00000E+00	-92335.	0.00000E+00	0.00000E+00	0.00000E+00		
1566	0	0	0.00000E+00	0.00000E+00	-10094.	0.00000E+00	0.00000E+00	0.00000E+00		
9228	0	0	0.00000E+00	0.00000E+00	-18082.	0.00000E+00	0.00000E+00	0.00000E+00		
9230	0	0	0.00000E+00	0.00000E+00	-5310.9	0.00000E+00	0.00000E+00	0.00000E+00		
9232	0	0	0.00000E+00	0.00000E+00	-56379.	0.00000E+00	0.00000E+00	0.00000E+00		
10607	0	0	0.00000E+00	0.00000E+00	-9133.0	0.00000E+00	0.00000E+00	0.00000E+00		
10610	0	0	0.00000E+00	0.00000E+00	-7630.3	0.00000E+00	0.00000E+00	0.00000E+00		
10611	0	0	0.00000E+00	0.00000E+00	-5942.6	0.00000E+00	0.00000E+00	0.00000E+00		
10614	0	0	0.00000E+00	0.00000E+00	-28477.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 17  
LARGEST NODE OR ELEMENT NUMBER = 10614

L O A D C A S E 4367

LoadID=30 Line=2937 Dir=Fwd Pos=143

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1501	0	0	0.00000E+00	0.00000E+00	-48717.	0.00000E+00	0.00000E+00	0.00000E+00		
1503	0	0	0.00000E+00	0.00000E+00	-31284.	0.00000E+00	0.00000E+00	0.00000E+00		
1511	0	0	0.00000E+00	0.00000E+00	-56389.	0.00000E+00	0.00000E+00	0.00000E+00		
1517	0	0	0.00000E+00	0.00000E+00	-39170.	0.00000E+00	0.00000E+00	0.00000E+00		
1531	0	0	0.00000E+00	0.00000E+00	-14556.	0.00000E+00	0.00000E+00	0.00000E+00		
1548	0	0	0.00000E+00	0.00000E+00	-80609.	0.00000E+00	0.00000E+00	0.00000E+00		
1569	0	0	0.00000E+00	0.00000E+00	-44456.	0.00000E+00	0.00000E+00	0.00000E+00		
1571	0	0	0.00000E+00	0.00000E+00	-27144.	0.00000E+00	0.00000E+00	0.00000E+00		
1600	0	0	0.00000E+00	0.00000E+00	-13711.	0.00000E+00	0.00000E+00	0.00000E+00		
9230	0	0	0.00000E+00	0.00000E+00	-21078.	0.00000E+00	0.00000E+00	0.00000E+00		
9232	0	0	0.00000E+00	0.00000E+00	-49219.	0.00000E+00	0.00000E+00	0.00000E+00		
10610	0	0	0.00000E+00	0.00000E+00	-15382.	0.00000E+00	0.00000E+00	0.00000E+00		
10611	0	0	0.00000E+00	0.00000E+00	-13425.	0.00000E+00	0.00000E+00	0.00000E+00		
10614	0	0	0.00000E+00	0.00000E+00	-24861.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 10614

L O A D C A S E 4368

LoadID=30 Line=2937 Dir=Fwd Pos=144

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1501	0	0	0.00000E+00	0.00000E+00	-15848.	0.00000E+00	0.00000E+00	0.00000E+00		
1503	0	0	0.00000E+00	0.00000E+00	-7531.1	0.00000E+00	0.00000E+00	0.00000E+00		
1511	0	0	0.00000E+00	0.00000E+00	-27269.	0.00000E+00	0.00000E+00	0.00000E+00		
1517	0	0	0.00000E+00	0.00000E+00	-75345.	0.00000E+00	0.00000E+00	0.00000E+00		
1531	0	0	0.00000E+00	0.00000E+00	-6323.8	0.00000E+00	0.00000E+00	0.00000E+00		
1538	0	0	0.00000E+00	0.00000E+00	-15940.	0.00000E+00	0.00000E+00	0.00000E+00		
1540	0	0	0.00000E+00	0.00000E+00	-9732.5	0.00000E+00	0.00000E+00	0.00000E+00		
1548	0	0	0.00000E+00	0.00000E+00	-17161.	0.00000E+00	0.00000E+00	0.00000E+00		
1566	0	0	0.00000E+00	0.00000E+00	-4915.9	0.00000E+00	0.00000E+00	0.00000E+00		
1569	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00		
1571	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00		
1579	0	0	0.00000E+00	0.00000E+00	-13738.	0.00000E+00	0.00000E+00	0.00000E+00		
1600	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00		
9230	0	0	0.00000E+00	0.00000E+00	-47255.	0.00000E+00	0.00000E+00	0.00000E+00		
9232	0	0	0.00000E+00	0.00000E+00	-10479.	0.00000E+00	0.00000E+00	0.00000E+00		
9234	0	0	0.00000E+00	0.00000E+00	-8388.3	0.00000E+00	0.00000E+00	0.00000E+00		

10610	0	0	0.00000E+00	0.00000E+00	-7688.1	0.00000E+00	0.00000E+00	0.00000E+00
10611	0	0	0.00000E+00	0.00000E+00	-22152.	0.00000E+00	0.00000E+00	0.00000E+00
10614	0	0	0.00000E+00	0.00000E+00	-5292.8	0.00000E+00	0.00000E+00	0.00000E+00
10617	0	0	0.00000E+00	0.00000E+00	-4236.9	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10617

L O A D C A S E 4369

LoadID=30 Line=2937 Dir=Fwd Pos=145

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1517	0	0	0.00000E+00	0.00000E+00	-46899.	0.00000E+00	0.00000E+00	0.00000E+00		
1538	0	0	0.00000E+00	0.00000E+00	-78166.	0.00000E+00	0.00000E+00	0.00000E+00		
1540	0	0	0.00000E+00	0.00000E+00	-47727.	0.00000E+00	0.00000E+00	0.00000E+00		
1566	0	0	0.00000E+00	0.00000E+00	-24107.	0.00000E+00	0.00000E+00	0.00000E+00		
1569	0	0	0.00000E+00	0.00000E+00	-51303.	0.00000E+00	0.00000E+00	0.00000E+00		
1571	0	0	0.00000E+00	0.00000E+00	-31325.	0.00000E+00	0.00000E+00	0.00000E+00		
1579	0	0	0.00000E+00	0.00000E+00	-73762.	0.00000E+00	0.00000E+00	0.00000E+00		
1600	0	0	0.00000E+00	0.00000E+00	-15822.	0.00000E+00	0.00000E+00	0.00000E+00		
9230	0	0	0.00000E+00	0.00000E+00	-28636.	0.00000E+00	0.00000E+00	0.00000E+00		
9234	0	0	0.00000E+00	0.00000E+00	-45039.	0.00000E+00	0.00000E+00	0.00000E+00		
10611	0	0	0.00000E+00	0.00000E+00	-14464.	0.00000E+00	0.00000E+00	0.00000E+00		
10617	0	0	0.00000E+00	0.00000E+00	-22749.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10617

L O A D C A S E 4370

LoadID=30 Line=2937 Dir=Fwd Pos=146

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1517	0	0	0.00000E+00	0.00000E+00	-306.46	0.00000E+00	0.00000E+00	0.00000E+00		
1538	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00		
1540	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00		
1548	0	0	0.00000E+00	0.00000E+00	-30593.	0.00000E+00	0.00000E+00	0.00000E+00		
1566	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00		
1569	0	0	0.00000E+00	0.00000E+00	-2508.0	0.00000E+00	0.00000E+00	0.00000E+00		
1571	0	0	0.00000E+00	0.00000E+00	-1531.4	0.00000E+00	0.00000E+00	0.00000E+00		
1579	0	0	0.00000E+00	0.00000E+00	-82391.	0.00000E+00	0.00000E+00	0.00000E+00		
1585	0	0	0.00000E+00	0.00000E+00	-33028.	0.00000E+00	0.00000E+00	0.00000E+00		
1600	0	0	0.00000E+00	0.00000E+00	-773.51	0.00000E+00	0.00000E+00	0.00000E+00		
1606	0	0	0.00000E+00	0.00000E+00	-20050.	0.00000E+00	0.00000E+00	0.00000E+00		
1608	0	0	0.00000E+00	0.00000E+00	-10605.	0.00000E+00	0.00000E+00	0.00000E+00		
1639	0	0	0.00000E+00	0.00000E+00	-6770.6	0.00000E+00	0.00000E+00	0.00000E+00		
9230	0	0	0.00000E+00	0.00000E+00	-187.12	0.00000E+00	0.00000E+00	0.00000E+00		
9232	0	0	0.00000E+00	0.00000E+00	-18680.	0.00000E+00	0.00000E+00	0.00000E+00		
9234	0	0	0.00000E+00	0.00000E+00	-49063.	0.00000E+00	0.00000E+00	0.00000E+00		
10611	0	0	0.00000E+00	0.00000E+00	-94.516	0.00000E+00	0.00000E+00	0.00000E+00		
10614	0	0	0.00000E+00	0.00000E+00	-9435.2	0.00000E+00	0.00000E+00	0.00000E+00		
10617	0	0	0.00000E+00	0.00000E+00	-25545.	0.00000E+00	0.00000E+00	0.00000E+00		
10618	0	0	0.00000E+00	0.00000E+00	-7733.8	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10618

L O A D C A S E 4371

LoadID=30 Line=2937 Dir=Fwd Pos=147

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1538	0	0	0.00000E+00	0.00000E+00	-24246.	0.00000E+00	0.00000E+00	0.00000E+00		
1540	0	0	0.00000E+00	0.00000E+00	-14804.	0.00000E+00	0.00000E+00	0.00000E+00		
1548	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00		
1566	0	0	0.00000E+00	0.00000E+00	-7477.7	0.00000E+00	0.00000E+00	0.00000E+00		
1569	0	0	0.00000E+00	0.00000E+00	-6653.3	0.00000E+00	0.00000E+00	0.00000E+00		
1571	0	0	0.00000E+00	0.00000E+00	-4062.4	0.00000E+00	0.00000E+00	0.00000E+00		
1579	0	0	0.00000E+00	0.00000E+00	-19246.	0.00000E+00	0.00000E+00	0.00000E+00		
1585	0	0	0.00000E+00	0.00000E+00	-33092.	0.00000E+00	0.00000E+00	0.00000E+00		
1600	0	0	0.00000E+00	0.00000E+00	-2051.9	0.00000E+00	0.00000E+00	0.00000E+00		
1606	0	0	0.00000E+00	0.00000E+00	-81189.	0.00000E+00	0.00000E+00	0.00000E+00		
1608	0	0	0.00000E+00	0.00000E+00	-48513.	0.00000E+00	0.00000E+00	0.00000E+00		
1616	0	0	0.00000E+00	0.00000E+00	-4451.7	0.00000E+00	0.00000E+00	0.00000E+00		

1639	0	0	0.00000E+00	0.00000E+00	-25013.	0.00000E+00	0.00000E+00	0.00000E+00
9232	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00
9234	0	0	0.00000E+00	0.00000E+00	-10018.	0.00000E+00	0.00000E+00	0.00000E+00
9236	0	0	0.00000E+00	0.00000E+00	-2718.2	0.00000E+00	0.00000E+00	0.00000E+00
10614	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00
10617	0	0	0.00000E+00	0.00000E+00	-6662.3	0.00000E+00	0.00000E+00	0.00000E+00
10618	0	0	0.00000E+00	0.00000E+00	-7724.7	0.00000E+00	0.00000E+00	0.00000E+00
10621	0	0	0.00000E+00	0.00000E+00	-1373.0	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10621

L O A D C A S E 4372

LoadID=30 Line=2937 Dir=Fwd Pos=148

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1548	0	0	0.00000E+00	0.00000E+00	-65472.	0.00000E+00	0.00000E+00	0.00000E+00		
1569	0	0	0.00000E+00	0.00000E+00	-59593.	0.00000E+00	0.00000E+00	0.00000E+00		
1571	0	0	0.00000E+00	0.00000E+00	-36387.	0.00000E+00	0.00000E+00	0.00000E+00		
1600	0	0	0.00000E+00	0.00000E+00	-18379.	0.00000E+00	0.00000E+00	0.00000E+00		
1606	0	0	0.00000E+00	0.00000E+00	-69875.	0.00000E+00	0.00000E+00	0.00000E+00		
1608	0	0	0.00000E+00	0.00000E+00	-42665.	0.00000E+00	0.00000E+00	0.00000E+00		
1616	0	0	0.00000E+00	0.00000E+00	-55190.	0.00000E+00	0.00000E+00	0.00000E+00		
1639	0	0	0.00000E+00	0.00000E+00	-21550.	0.00000E+00	0.00000E+00	0.00000E+00		
9232	0	0	0.00000E+00	0.00000E+00	-39977.	0.00000E+00	0.00000E+00	0.00000E+00		
9236	0	0	0.00000E+00	0.00000E+00	-33698.	0.00000E+00	0.00000E+00	0.00000E+00		
10614	0	0	0.00000E+00	0.00000E+00	-20192.	0.00000E+00	0.00000E+00	0.00000E+00		
10621	0	0	0.00000E+00	0.00000E+00	-17021.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10621

L O A D C A S E 4373

LoadID=30 Line=2937 Dir=Fwd Pos=149

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1548	0	0	0.00000E+00	0.00000E+00	-9592.7	0.00000E+00	0.00000E+00	0.00000E+00		
1569	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00		
1571	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00		
1579	0	0	0.00000E+00	0.00000E+00	-21307.	0.00000E+00	0.00000E+00	0.00000E+00		
1600	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00		
1606	0	0	0.00000E+00	0.00000E+00	-11794.	0.00000E+00	0.00000E+00	0.00000E+00		
1608	0	0	0.00000E+00	0.00000E+00	-7201.5	0.00000E+00	0.00000E+00	0.00000E+00		
1616	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00		
1639	0	0	0.00000E+00	0.00000E+00	-3637.5	0.00000E+00	0.00000E+00	0.00000E+00		
1643	0	0	0.00000E+00	0.00000E+00	-19105.	0.00000E+00	0.00000E+00	0.00000E+00		
1645	0	0	0.00000E+00	0.00000E+00	-11665.	0.00000E+00	0.00000E+00	0.00000E+00		
1675	0	0	0.00000E+00	0.00000E+00	-5892.2	0.00000E+00	0.00000E+00	0.00000E+00		
9232	0	0	0.00000E+00	0.00000E+00	-5857.2	0.00000E+00	0.00000E+00	0.00000E+00		
9234	0	0	0.00000E+00	0.00000E+00	-13010.	0.00000E+00	0.00000E+00	0.00000E+00		
9236	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00		
10614	0	0	0.00000E+00	0.00000E+00	-2958.5	0.00000E+00	0.00000E+00	0.00000E+00		
10617	0	0	0.00000E+00	0.00000E+00	-6571.2	0.00000E+00	0.00000E+00	0.00000E+00		
10621	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 18  
LARGEST NODE OR ELEMENT NUMBER = 10621

L O A D C A S E 4374

LoadID=30 Line=2937 Dir=Fwd Pos=150

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
1569	0	0	0.00000E+00	0.00000E+00	-36165.	0.00000E+00	0.00000E+00	0.00000E+00		
1571	0	0	0.00000E+00	0.00000E+00	-22082.	0.00000E+00	0.00000E+00	0.00000E+00		
1579	0	0	0.00000E+00	0.00000E+00	-88900.	0.00000E+00	0.00000E+00	0.00000E+00		
1600	0	0	0.00000E+00	0.00000E+00	-11154.	0.00000E+00	0.00000E+00	0.00000E+00		
1616	0	0	0.00000E+00	0.00000E+00	-40568.	0.00000E+00	0.00000E+00	0.00000E+00		
1643	0	0	0.00000E+00	0.00000E+00	-84497.	0.00000E+00	0.00000E+00	0.00000E+00		
1645	0	0	0.00000E+00	0.00000E+00	-51593.	0.00000E+00	0.00000E+00	0.00000E+00		
1675	0	0	0.00000E+00	0.00000E+00	-26060.	0.00000E+00	0.00000E+00	0.00000E+00		
9234	0	0	0.00000E+00	0.00000E+00	-54281.	0.00000E+00	0.00000E+00	0.00000E+00		
9236	0	0	0.00000E+00	0.00000E+00	-24771.	0.00000E+00	0.00000E+00	0.00000E+00		

10617	0	0	0.00000E+00	0.00000E+00	-27418.	0.00000E+00	0.00000E+00	0.00000E+00
10621	0	0	0.00000E+00	0.00000E+00	-12512.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10621

L O A D C A S E 4375

LoadID=30 Line=2937 Dir=Fwd Pos=151

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1579	0	0	0.00000E+00	0.00000E+00	-51350.	0.00000E+00	0.00000E+00	0.00000E+00	
1585	0	0	0.00000E+00	0.00000E+00	-55322.	0.00000E+00	0.00000E+00	0.00000E+00	
1606	0	0	0.00000E+00	0.00000E+00	-36483.	0.00000E+00	0.00000E+00	0.00000E+00	
1608	0	0	0.00000E+00	0.00000E+00	-18767.	0.00000E+00	0.00000E+00	0.00000E+00	
1639	0	0	0.00000E+00	0.00000E+00	-13176.	0.00000E+00	0.00000E+00	0.00000E+00	
1643	0	0	0.00000E+00	0.00000E+00	-88455.	0.00000E+00	0.00000E+00	0.00000E+00	
1645	0	0	0.00000E+00	0.00000E+00	-54010.	0.00000E+00	0.00000E+00	0.00000E+00	
1653	0	0	0.00000E+00	0.00000E+00	-36610.	0.00000E+00	0.00000E+00	0.00000E+00	
1675	0	0	0.00000E+00	0.00000E+00	-27281.	0.00000E+00	0.00000E+00	0.00000E+00	
9234	0	0	0.00000E+00	0.00000E+00	-34594.	0.00000E+00	0.00000E+00	0.00000E+00	
9241	0	0	0.00000E+00	0.00000E+00	-22354.	0.00000E+00	0.00000E+00	0.00000E+00	
10617	0	0	0.00000E+00	0.00000E+00	-14985.	0.00000E+00	0.00000E+00	0.00000E+00	
10618	0	0	0.00000E+00	0.00000E+00	-15323.	0.00000E+00	0.00000E+00	0.00000E+00	
10624	0	0	0.00000E+00	0.00000E+00	-11291.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 10624

L O A D C A S E 4376

LoadID=30 Line=2937 Dir=Fwd Pos=152

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1579	0	0	0.00000E+00	0.00000E+00	-16761.	0.00000E+00	0.00000E+00	0.00000E+00	
1585	0	0	0.00000E+00	0.00000E+00	-30471.	0.00000E+00	0.00000E+00	0.00000E+00	
1606	0	0	0.00000E+00	0.00000E+00	-77099.	0.00000E+00	0.00000E+00	0.00000E+00	
1608	0	0	0.00000E+00	0.00000E+00	-47240.	0.00000E+00	0.00000E+00	0.00000E+00	
1616	0	0	0.00000E+00	0.00000E+00	-12020.	0.00000E+00	0.00000E+00	0.00000E+00	
1639	0	0	0.00000E+00	0.00000E+00	-23055.	0.00000E+00	0.00000E+00	0.00000E+00	
1643	0	0	0.00000E+00	0.00000E+00	-21089.	0.00000E+00	0.00000E+00	0.00000E+00	
1645	0	0	0.00000E+00	0.00000E+00	-12877.	0.00000E+00	0.00000E+00	0.00000E+00	
1653	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00	
1674	0	0	0.00000E+00	0.00000E+00	-9803.9	0.00000E+00	0.00000E+00	0.00000E+00	
1675	0	0	0.00000E+00	0.00000E+00	-6504.1	0.00000E+00	0.00000E+00	0.00000E+00	
1676	0	0	0.00000E+00	0.00000E+00	-5986.2	0.00000E+00	0.00000E+00	0.00000E+00	
1707	0	0	0.00000E+00	0.00000E+00	-3023.6	0.00000E+00	0.00000E+00	0.00000E+00	
9234	0	0	0.00000E+00	0.00000E+00	-8233.0	0.00000E+00	0.00000E+00	0.00000E+00	
9236	0	0	0.00000E+00	0.00000E+00	-7339.5	0.00000E+00	0.00000E+00	0.00000E+00	
9241	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00	
10617	0	0	0.00000E+00	0.00000E+00	-6368.7	0.00000E+00	0.00000E+00	0.00000E+00	
10618	0	0	0.00000E+00	0.00000E+00	-7705.3	0.00000E+00	0.00000E+00	0.00000E+00	
10621	0	0	0.00000E+00	0.00000E+00	-3707.2	0.00000E+00	0.00000E+00	0.00000E+00	
10624	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10624

L O A D C A S E 4377

LoadID=30 Line=2937 Dir=Fwd Pos=153

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1606	0	0	0.00000E+00	0.00000E+00	-54738.	0.00000E+00	0.00000E+00	0.00000E+00	
1608	0	0	0.00000E+00	0.00000E+00	-33422.	0.00000E+00	0.00000E+00	0.00000E+00	
1616	0	0	0.00000E+00	0.00000E+00	-70327.	0.00000E+00	0.00000E+00	0.00000E+00	
1639	0	0	0.00000E+00	0.00000E+00	-16882.	0.00000E+00	0.00000E+00	0.00000E+00	
1653	0	0	0.00000E+00	0.00000E+00	-59180.	0.00000E+00	0.00000E+00	0.00000E+00	
1674	0	0	0.00000E+00	0.00000E+00	-65885.	0.00000E+00	0.00000E+00	0.00000E+00	
1676	0	0	0.00000E+00	0.00000E+00	-40229.	0.00000E+00	0.00000E+00	0.00000E+00	
1707	0	0	0.00000E+00	0.00000E+00	-20320.	0.00000E+00	0.00000E+00	0.00000E+00	
9236	0	0	0.00000E+00	0.00000E+00	-42941.	0.00000E+00	0.00000E+00	0.00000E+00	
9241	0	0	0.00000E+00	0.00000E+00	-36135.	0.00000E+00	0.00000E+00	0.00000E+00	
10621	0	0	0.00000E+00	0.00000E+00	-21690.	0.00000E+00	0.00000E+00	0.00000E+00	
10624	0	0	0.00000E+00	0.00000E+00	-18252.	0.00000E+00	0.00000E+00	0.00000E+00	



NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 10624

L O A D C A S E 4378

LoadID=30 Line=2937 Dir=Fwd Pos=154

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1606	0	0	0.00000E+00	0.00000E+00	-4225.6	0.00000E+00	0.00000E+00	0.00000E+00	
1608	0	0	0.00000E+00	0.00000E+00	-2580.1	0.00000E+00	0.00000E+00	0.00000E+00	
1616	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00	
1639	0	0	0.00000E+00	0.00000E+00	-1303.2	0.00000E+00	0.00000E+00	0.00000E+00	
1643	0	0	0.00000E+00	0.00000E+00	-26674.	0.00000E+00	0.00000E+00	0.00000E+00	
1645	0	0	0.00000E+00	0.00000E+00	-16287.	0.00000E+00	0.00000E+00	0.00000E+00	
1653	0	0	0.00000E+00	0.00000E+00	-6451.6	0.00000E+00	0.00000E+00	0.00000E+00	
1674	0	0	0.00000E+00	0.00000E+00	-80080.	0.00000E+00	0.00000E+00	0.00000E+00	
1675	0	0	0.00000E+00	0.00000E+00	-8226.5	0.00000E+00	0.00000E+00	0.00000E+00	
1676	0	0	0.00000E+00	0.00000E+00	-48076.	0.00000E+00	0.00000E+00	0.00000E+00	
1684	0	0	0.00000E+00	0.00000E+00	-32633.	0.00000E+00	0.00000E+00	0.00000E+00	
1690	0	0	0.00000E+00	0.00000E+00	-18536.	0.00000E+00	0.00000E+00	0.00000E+00	
1707	0	0	0.00000E+00	0.00000E+00	-24491.	0.00000E+00	0.00000E+00	0.00000E+00	
9236	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00	
9241	0	0	0.00000E+00	0.00000E+00	-3939.3	0.00000E+00	0.00000E+00	0.00000E+00	
9243	0	0	0.00000E+00	0.00000E+00	-9504.0	0.00000E+00	0.00000E+00	0.00000E+00	
10621	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00	
10624	0	0	0.00000E+00	0.00000E+00	-1989.8	0.00000E+00	0.00000E+00	0.00000E+00	
10627	0	0	0.00000E+00	0.00000E+00	-7721.3	0.00000E+00	0.00000E+00	0.00000E+00	
10628	0	0	0.00000E+00	0.00000E+00	-6577.1	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10628

L O A D C A S E 4379

LoadID=30 Line=2937 Dir=Fwd Pos=155

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1616	0	0	0.00000E+00	0.00000E+00	-28165.	0.00000E+00	0.00000E+00	0.00000E+00	
1643	0	0	0.00000E+00	0.00000E+00	-94166.	0.00000E+00	0.00000E+00	0.00000E+00	
1645	0	0	0.00000E+00	0.00000E+00	-57497.	0.00000E+00	0.00000E+00	0.00000E+00	
1653	0	0	0.00000E+00	0.00000E+00	-2733.5	0.00000E+00	0.00000E+00	0.00000E+00	
1674	0	0	0.00000E+00	0.00000E+00	-20789.	0.00000E+00	0.00000E+00	0.00000E+00	
1675	0	0	0.00000E+00	0.00000E+00	-29042.	0.00000E+00	0.00000E+00	0.00000E+00	
1676	0	0	0.00000E+00	0.00000E+00	-11167.	0.00000E+00	0.00000E+00	0.00000E+00	
1684	0	0	0.00000E+00	0.00000E+00	-33334.	0.00000E+00	0.00000E+00	0.00000E+00	
1690	0	0	0.00000E+00	0.00000E+00	-83526.	0.00000E+00	0.00000E+00	0.00000E+00	
1707	0	0	0.00000E+00	0.00000E+00	-6850.8	0.00000E+00	0.00000E+00	0.00000E+00	
1711	0	0	0.00000E+00	0.00000E+00	-493.78	0.00000E+00	0.00000E+00	0.00000E+00	
1713	0	0	0.00000E+00	0.00000E+00	-301.50	0.00000E+00	0.00000E+00	0.00000E+00	
1745	0	0	0.00000E+00	0.00000E+00	-152.29	0.00000E+00	0.00000E+00	0.00000E+00	
9236	0	0	0.00000E+00	0.00000E+00	-17197.	0.00000E+00	0.00000E+00	0.00000E+00	
9241	0	0	0.00000E+00	0.00000E+00	-1669.1	0.00000E+00	0.00000E+00	0.00000E+00	
9243	0	0	0.00000E+00	0.00000E+00	-49590.	0.00000E+00	0.00000E+00	0.00000E+00	
10621	0	0	0.00000E+00	0.00000E+00	-8686.5	0.00000E+00	0.00000E+00	0.00000E+00	
10624	0	0	0.00000E+00	0.00000E+00	-843.05	0.00000E+00	0.00000E+00	0.00000E+00	
10627	0	0	0.00000E+00	0.00000E+00	-7732.8	0.00000E+00	0.00000E+00	0.00000E+00	
10628	0	0	0.00000E+00	0.00000E+00	-26063.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 10628

L O A D C A S E 4380

LoadID=30 Line=2937 Dir=Fwd Pos=156

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
1643	0	0	0.00000E+00	0.00000E+00	-73321.	0.00000E+00	0.00000E+00	0.00000E+00	
1645	0	0	0.00000E+00	0.00000E+00	-44769.	0.00000E+00	0.00000E+00	0.00000E+00	
1653	0	0	0.00000E+00	0.00000E+00	-51744.	0.00000E+00	0.00000E+00	0.00000E+00	
1675	0	0	0.00000E+00	0.00000E+00	-22613.	0.00000E+00	0.00000E+00	0.00000E+00	
1690	0	0	0.00000E+00	0.00000E+00	-77800.	0.00000E+00	0.00000E+00	0.00000E+00	
1711	0	0	0.00000E+00	0.00000E+00	-47265.	0.00000E+00	0.00000E+00	0.00000E+00	
1713	0	0	0.00000E+00	0.00000E+00	-28859.	0.00000E+00	0.00000E+00	0.00000E+00	
1745	0	0	0.00000E+00	0.00000E+00	-14577.	0.00000E+00	0.00000E+00	0.00000E+00	

9241	0	0	0.00000E+00	0.00000E+00	-31594.	0.00000E+00	0.00000E+00	0.00000E+00
9243	0	0	0.00000E+00	0.00000E+00	-47504.	0.00000E+00	0.00000E+00	0.00000E+00
10624	0	0	0.00000E+00	0.00000E+00	-15958.	0.00000E+00	0.00000E+00	0.00000E+00
10628	0	0	0.00000E+00	0.00000E+00	-23995.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10628

L O A D C A S E 4381

LoadID=30 Line=2937 Dir=Fwd Pos=157

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNC	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
171	0	0	0.00000E+00	0.00000E+00	-4666.6	0.00000E+00	0.00000E+00	0.00000E+00		
1643	0	0	0.00000E+00	0.00000E+00	-13522.	0.00000E+00	0.00000E+00	0.00000E+00		
1645	0	0	0.00000E+00	0.00000E+00	-8256.4	0.00000E+00	0.00000E+00	0.00000E+00		
1653	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00		
1674	0	0	0.00000E+00	0.00000E+00	-17371.	0.00000E+00	0.00000E+00	0.00000E+00		
1675	0	0	0.00000E+00	0.00000E+00	-4170.3	0.00000E+00	0.00000E+00	0.00000E+00		
1676	0	0	0.00000E+00	0.00000E+00	-10607.	0.00000E+00	0.00000E+00	0.00000E+00		
1690	0	0	0.00000E+00	0.00000E+00	-15762.	0.00000E+00	0.00000E+00	0.00000E+00		
1707	0	0	0.00000E+00	0.00000E+00	-5357.4	0.00000E+00	0.00000E+00	0.00000E+00		
1711	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00		
1713	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00		
1721	0	0	0.00000E+00	0.00000E+00	-15131.	0.00000E+00	0.00000E+00	0.00000E+00		
1745	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00		
9241	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00		
9243	0	0	0.00000E+00	0.00000E+00	-9624.0	0.00000E+00	0.00000E+00	0.00000E+00		
9245	0	0	0.00000E+00	0.00000E+00	-9239.0	0.00000E+00	0.00000E+00	0.00000E+00		
10624	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00		
10628	0	0	0.00000E+00	0.00000E+00	-4861.1	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 18  
LARGEST NODE OR ELEMENT NUMBER = 10628

L O A D C A S E 4382

LoadID=30 Line=2937 Dir=Fwd Pos=158

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNC	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
171	0	0	0.00000E+00	0.00000E+00	-23606.	0.00000E+00	0.00000E+00	0.00000E+00		
1653	0	0	0.00000E+00	0.00000E+00	-44046.	0.00000E+00	0.00000E+00	0.00000E+00		
1674	0	0	0.00000E+00	0.00000E+00	-81019.	0.00000E+00	0.00000E+00	0.00000E+00		
1676	0	0	0.00000E+00	0.00000E+00	-49469.	0.00000E+00	0.00000E+00	0.00000E+00		
1707	0	0	0.00000E+00	0.00000E+00	-24987.	0.00000E+00	0.00000E+00	0.00000E+00		
1711	0	0	0.00000E+00	0.00000E+00	-48526.	0.00000E+00	0.00000E+00	0.00000E+00		
1713	0	0	0.00000E+00	0.00000E+00	-29629.	0.00000E+00	0.00000E+00	0.00000E+00		
1721	0	0	0.00000E+00	0.00000E+00	-76539.	0.00000E+00	0.00000E+00	0.00000E+00		
1745	0	0	0.00000E+00	0.00000E+00	-14966.	0.00000E+00	0.00000E+00	0.00000E+00		
9241	0	0	0.00000E+00	0.00000E+00	-26894.	0.00000E+00	0.00000E+00	0.00000E+00		
9245	0	0	0.00000E+00	0.00000E+00	-46734.	0.00000E+00	0.00000E+00	0.00000E+00		
10624	0	0	0.00000E+00	0.00000E+00	-13584.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10624

L O A D C A S E 4383

LoadID=30 Line=2937 Dir=Fwd Pos=159

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNC	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
171	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00		
1674	0	0	0.00000E+00	0.00000E+00	-53339.	0.00000E+00	0.00000E+00	0.00000E+00		
1676	0	0	0.00000E+00	0.00000E+00	-36935.	0.00000E+00	0.00000E+00	0.00000E+00		
1684	0	0	0.00000E+00	0.00000E+00	-55161.	0.00000E+00	0.00000E+00	0.00000E+00		
1690	0	0	0.00000E+00	0.00000E+00	-34097.	0.00000E+00	0.00000E+00	0.00000E+00		
1707	0	0	0.00000E+00	0.00000E+00	-15274.	0.00000E+00	0.00000E+00	0.00000E+00		
1711	0	0	0.00000E+00	0.00000E+00	-1124.3	0.00000E+00	0.00000E+00	0.00000E+00		
1713	0	0	0.00000E+00	0.00000E+00	-686.49	0.00000E+00	0.00000E+00	0.00000E+00		
1721	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00		
1742	0	0	0.00000E+00	0.00000E+00	-29769.	0.00000E+00	0.00000E+00	0.00000E+00		
1744	0	0	0.00000E+00	0.00000E+00	-18176.	0.00000E+00	0.00000E+00	0.00000E+00		
1745	0	0	0.00000E+00	0.00000E+00	-346.75	0.00000E+00	0.00000E+00	0.00000E+00		
1776	0	0	0.00000E+00	0.00000E+00	-9181.0	0.00000E+00	0.00000E+00	0.00000E+00		
9243	0	0	0.00000E+00	0.00000E+00	-16966.	0.00000E+00	0.00000E+00	0.00000E+00		

9245	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00
10627	0	0	0.00000E+00	0.00000E+00	-15363.	0.00000E+00	0.00000E+00	0.00000E+00
10628	0	0	0.00000E+00	0.00000E+00	-12864.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 17  
LARGEST NODE OR ELEMENT NUMBER = 10628

L O A D C A S E 4384

LoadID=30 Line=2937 Dir=Fwd Pos=160

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
171	0	0	0.00000E+00	0.00000E+00	-7732.4	0.00000E+00	0.00000E+00	0.00000E+00	
174	0	0	0.00000E+00	0.00000E+00	-1795.3	0.00000E+00	0.00000E+00	0.00000E+00	
1674	0	0	0.00000E+00	0.00000E+00	-18189.	0.00000E+00	0.00000E+00	0.00000E+00	
1676	0	0	0.00000E+00	0.00000E+00	-9231.8	0.00000E+00	0.00000E+00	0.00000E+00	
1684	0	0	0.00000E+00	0.00000E+00	-31238.	0.00000E+00	0.00000E+00	0.00000E+00	
1690	0	0	0.00000E+00	0.00000E+00	-79473.	0.00000E+00	0.00000E+00	0.00000E+00	
1707	0	0	0.00000E+00	0.00000E+00	-6570.9	0.00000E+00	0.00000E+00	0.00000E+00	
1711	0	0	0.00000E+00	0.00000E+00	-8060.9	0.00000E+00	0.00000E+00	0.00000E+00	
1713	0	0	0.00000E+00	0.00000E+00	-4921.9	0.00000E+00	0.00000E+00	0.00000E+00	
1721	0	0	0.00000E+00	0.00000E+00	-25072.	0.00000E+00	0.00000E+00	0.00000E+00	
1742	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00	
1744	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00	
1745	0	0	0.00000E+00	0.00000E+00	-2486.1	0.00000E+00	0.00000E+00	0.00000E+00	
1752	0	0	0.00000E+00	0.00000E+00	-5821.1	0.00000E+00	0.00000E+00	0.00000E+00	
1776	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00	
9243	0	0	0.00000E+00	0.00000E+00	-47960.	0.00000E+00	0.00000E+00	0.00000E+00	
9245	0	0	0.00000E+00	0.00000E+00	-15309.	0.00000E+00	0.00000E+00	0.00000E+00	
9248	0	0	0.00000E+00	0.00000E+00	-3554.3	0.00000E+00	0.00000E+00	0.00000E+00	
10627	0	0	0.00000E+00	0.00000E+00	-7730.5	0.00000E+00	0.00000E+00	0.00000E+00	
10628	0	0	0.00000E+00	0.00000E+00	-24139.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10628

L O A D C A S E 4385

LoadID=30 Line=2937 Dir=Fwd Pos=161

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
174	0	0	0.00000E+00	0.00000E+00	-17863.	0.00000E+00	0.00000E+00	0.00000E+00	
1690	0	0	0.00000E+00	0.00000E+00	-62666.	0.00000E+00	0.00000E+00	0.00000E+00	
1711	0	0	0.00000E+00	0.00000E+00	-62399.	0.00000E+00	0.00000E+00	0.00000E+00	
1713	0	0	0.00000E+00	0.00000E+00	-38100.	0.00000E+00	0.00000E+00	0.00000E+00	
1742	0	0	0.00000E+00	0.00000E+00	-67146.	0.00000E+00	0.00000E+00	0.00000E+00	
1744	0	0	0.00000E+00	0.00000E+00	-40999.	0.00000E+00	0.00000E+00	0.00000E+00	
1745	0	0	0.00000E+00	0.00000E+00	-19244.	0.00000E+00	0.00000E+00	0.00000E+00	
1752	0	0	0.00000E+00	0.00000E+00	-57919.	0.00000E+00	0.00000E+00	0.00000E+00	
1776	0	0	0.00000E+00	0.00000E+00	-20708.	0.00000E+00	0.00000E+00	0.00000E+00	
9243	0	0	0.00000E+00	0.00000E+00	-38264.	0.00000E+00	0.00000E+00	0.00000E+00	
9248	0	0	0.00000E+00	0.00000E+00	-35365.	0.00000E+00	0.00000E+00	0.00000E+00	
10628	0	0	0.00000E+00	0.00000E+00	-19327.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 10628

L O A D C A S E 4386

LoadID=30 Line=2937 Dir=Fwd Pos=162

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
171	0	0	0.00000E+00	0.00000E+00	-7000.4	0.00000E+00	0.00000E+00	0.00000E+00	
174	0	0	0.00000E+00	0.00000E+00	-23541.	0.00000E+00	0.00000E+00	0.00000E+00	
175	0	0	0.00000E+00	0.00000E+00	-7722.8	0.00000E+00	0.00000E+00	0.00000E+00	
1690	0	0	0.00000E+00	0.00000E+00	-8194.6	0.00000E+00	0.00000E+00	0.00000E+00	
1711	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00	
1713	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00	
1721	0	0	0.00000E+00	0.00000E+00	-22698.	0.00000E+00	0.00000E+00	0.00000E+00	
1742	0	0	0.00000E+00	0.00000E+00	-10434.	0.00000E+00	0.00000E+00	0.00000E+00	
1744	0	0	0.00000E+00	0.00000E+00	-6371.2	0.00000E+00	0.00000E+00	0.00000E+00	
1745	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00	
1752	0	0	0.00000E+00	0.00000E+00	-78262.	0.00000E+00	0.00000E+00	0.00000E+00	
1758	0	0	0.00000E+00	0.00000E+00	-30168.	0.00000E+00	0.00000E+00	0.00000E+00	
1776	0	0	0.00000E+00	0.00000E+00	-3218.1	0.00000E+00	0.00000E+00	0.00000E+00	

1779	0	0	0.00000E+00	0.00000E+00	-17451.	0.00000E+00	0.00000E+00	0.00000E+00
1781	0	0	0.00000E+00	0.00000E+00	-8697.2	0.00000E+00	0.00000E+00	0.00000E+00
1815	0	0	0.00000E+00	0.00000E+00	-6491.9	0.00000E+00	0.00000E+00	0.00000E+00
9243	0	0	0.00000E+00	0.00000E+00	-5003.6	0.00000E+00	0.00000E+00	0.00000E+00
9245	0	0	0.00000E+00	0.00000E+00	-13859.	0.00000E+00	0.00000E+00	0.00000E+00
9248	0	0	0.00000E+00	0.00000E+00	-47642.	0.00000E+00	0.00000E+00	0.00000E+00
10628	0	0	0.00000E+00	0.00000E+00	-2527.3	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 10628

L O A D C A S E 4387

LoadID=30 Line=2937 Dir=Fwd Pos=163

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
171	0	0	0.00000E+00	0.00000E+00	-28273.	0.00000E+00	0.00000E+00	0.00000E+00	
174	0	0	0.00000E+00	0.00000E+00	-13017.	0.00000E+00	0.00000E+00	0.00000E+00	
175	0	0	0.00000E+00	0.00000E+00	-15365.	0.00000E+00	0.00000E+00	0.00000E+00	
1711	0	0	0.00000E+00	0.00000E+00	-33391.	0.00000E+00	0.00000E+00	0.00000E+00	
1713	0	0	0.00000E+00	0.00000E+00	-20389.	0.00000E+00	0.00000E+00	0.00000E+00	
1721	0	0	0.00000E+00	0.00000E+00	-91674.	0.00000E+00	0.00000E+00	0.00000E+00	
1745	0	0	0.00000E+00	0.00000E+00	-10298.	0.00000E+00	0.00000E+00	0.00000E+00	
1752	0	0	0.00000E+00	0.00000E+00	-35462.	0.00000E+00	0.00000E+00	0.00000E+00	
1758	0	0	0.00000E+00	0.00000E+00	-55620.	0.00000E+00	0.00000E+00	0.00000E+00	
1779	0	0	0.00000E+00	0.00000E+00	-51969.	0.00000E+00	0.00000E+00	0.00000E+00	
1781	0	0	0.00000E+00	0.00000E+00	-35508.	0.00000E+00	0.00000E+00	0.00000E+00	
1815	0	0	0.00000E+00	0.00000E+00	-15048.	0.00000E+00	0.00000E+00	0.00000E+00	
9245	0	0	0.00000E+00	0.00000E+00	-55975.	0.00000E+00	0.00000E+00	0.00000E+00	
9248	0	0	0.00000E+00	0.00000E+00	-18011.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9248

L O A D C A S E 4388

LoadID=30 Line=2937 Dir=Fwd Pos=164

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
171	0	0	0.00000E+00	0.00000E+00	-25070.	0.00000E+00	0.00000E+00	0.00000E+00	
178	0	0	0.00000E+00	0.00000E+00	-12120.	0.00000E+00	0.00000E+00	0.00000E+00	
1721	0	0	0.00000E+00	0.00000E+00	-81286.	0.00000E+00	0.00000E+00	0.00000E+00	
1742	0	0	0.00000E+00	0.00000E+00	-43779.	0.00000E+00	0.00000E+00	0.00000E+00	
1744	0	0	0.00000E+00	0.00000E+00	-26731.	0.00000E+00	0.00000E+00	0.00000E+00	
1776	0	0	0.00000E+00	0.00000E+00	-13502.	0.00000E+00	0.00000E+00	0.00000E+00	
1779	0	0	0.00000E+00	0.00000E+00	-85766.	0.00000E+00	0.00000E+00	0.00000E+00	
1781	0	0	0.00000E+00	0.00000E+00	-52368.	0.00000E+00	0.00000E+00	0.00000E+00	
1789	0	0	0.00000E+00	0.00000E+00	-39299.	0.00000E+00	0.00000E+00	0.00000E+00	
1815	0	0	0.00000E+00	0.00000E+00	-26451.	0.00000E+00	0.00000E+00	0.00000E+00	
9245	0	0	0.00000E+00	0.00000E+00	-49633.	0.00000E+00	0.00000E+00	0.00000E+00	
9251	0	0	0.00000E+00	0.00000E+00	-23996.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9251

L O A D C A S E 4389

LoadID=30 Line=2937 Dir=Fwd Pos=165

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
171	0	0	0.00000E+00	0.00000E+00	-5398.7	0.00000E+00	0.00000E+00	0.00000E+00	
174	0	0	0.00000E+00	0.00000E+00	-4129.1	0.00000E+00	0.00000E+00	0.00000E+00	
178	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00	
1721	0	0	0.00000E+00	0.00000E+00	-17505.	0.00000E+00	0.00000E+00	0.00000E+00	
1742	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00	
1744	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00	
1752	0	0	0.00000E+00	0.00000E+00	-13388.	0.00000E+00	0.00000E+00	0.00000E+00	
1776	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00	
1779	0	0	0.00000E+00	0.00000E+00	-19744.	0.00000E+00	0.00000E+00	0.00000E+00	
1781	0	0	0.00000E+00	0.00000E+00	-12056.	0.00000E+00	0.00000E+00	0.00000E+00	
1789	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00	
1810	0	0	0.00000E+00	0.00000E+00	-11148.	0.00000E+00	0.00000E+00	0.00000E+00	
1812	0	0	0.00000E+00	0.00000E+00	-6807.2	0.00000E+00	0.00000E+00	0.00000E+00	
1815	0	0	0.00000E+00	0.00000E+00	-6089.4	0.00000E+00	0.00000E+00	0.00000E+00	
1847	0	0	0.00000E+00	0.00000E+00	-3438.3	0.00000E+00	0.00000E+00	0.00000E+00	

9245	0	0	0.00000E+00	0.00000E+00	-10688.	0.00000E+00	0.00000E+00	0.00000E+00
9248	0	0	0.00000E+00	0.00000E+00	-8174.7	0.00000E+00	0.00000E+00	0.00000E+00
9251	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 18  
LARGEST NODE OR ELEMENT NUMBER = 9251

L O A D C A S E 4390

LoadID=30 Line=2937 Dir=Fwd Pos=166

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
174	0	0	0.00000E+00	0.00000E+00	-22530.	0.00000E+00	0.00000E+00	0.00000E+00	
178	0	0	0.00000E+00	0.00000E+00	-17422.	0.00000E+00	0.00000E+00	0.00000E+00	
1742	0	0	0.00000E+00	0.00000E+00	-52012.	0.00000E+00	0.00000E+00	0.00000E+00	
1744	0	0	0.00000E+00	0.00000E+00	-31758.	0.00000E+00	0.00000E+00	0.00000E+00	
1752	0	0	0.00000E+00	0.00000E+00	-73053.	0.00000E+00	0.00000E+00	0.00000E+00	
1776	0	0	0.00000E+00	0.00000E+00	-16041.	0.00000E+00	0.00000E+00	0.00000E+00	
1789	0	0	0.00000E+00	0.00000E+00	-56491.	0.00000E+00	0.00000E+00	0.00000E+00	
1810	0	0	0.00000E+00	0.00000E+00	-68574.	0.00000E+00	0.00000E+00	0.00000E+00	
1812	0	0	0.00000E+00	0.00000E+00	-41871.	0.00000E+00	0.00000E+00	0.00000E+00	
1847	0	0	0.00000E+00	0.00000E+00	-21149.	0.00000E+00	0.00000E+00	0.00000E+00	
9248	0	0	0.00000E+00	0.00000E+00	-44606.	0.00000E+00	0.00000E+00	0.00000E+00	
9251	0	0	0.00000E+00	0.00000E+00	-34493.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9251

L O A D C A S E 4391

LoadID=30 Line=2937 Dir=Fwd Pos=167

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
174	0	0	0.00000E+00	0.00000E+00	-25454.	0.00000E+00	0.00000E+00	0.00000E+00	
175	0	0	0.00000E+00	0.00000E+00	-7734.4	0.00000E+00	0.00000E+00	0.00000E+00	
178	0	0	0.00000E+00	0.00000E+00	-1575.1	0.00000E+00	0.00000E+00	0.00000E+00	
181	0	0	0.00000E+00	0.00000E+00	-7952.7	0.00000E+00	0.00000E+00	0.00000E+00	
1742	0	0	0.00000E+00	0.00000E+00	-2867.3	0.00000E+00	0.00000E+00	0.00000E+00	
1744	0	0	0.00000E+00	0.00000E+00	-1750.8	0.00000E+00	0.00000E+00	0.00000E+00	
1752	0	0	0.00000E+00	0.00000E+00	-82198.	0.00000E+00	0.00000E+00	0.00000E+00	
1758	0	0	0.00000E+00	0.00000E+00	-32948.	0.00000E+00	0.00000E+00	0.00000E+00	
1776	0	0	0.00000E+00	0.00000E+00	-884.31	0.00000E+00	0.00000E+00	0.00000E+00	
1779	0	0	0.00000E+00	0.00000E+00	-19920.	0.00000E+00	0.00000E+00	0.00000E+00	
1781	0	0	0.00000E+00	0.00000E+00	-10507.	0.00000E+00	0.00000E+00	0.00000E+00	
1789	0	0	0.00000E+00	0.00000E+00	-5107.0	0.00000E+00	0.00000E+00	0.00000E+00	
1810	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00	
1812	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00	
1815	0	0	0.00000E+00	0.00000E+00	-6756.9	0.00000E+00	0.00000E+00	0.00000E+00	
1820	0	0	0.00000E+00	0.00000E+00	-25786.	0.00000E+00	0.00000E+00	0.00000E+00	
1847	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00	
9248	0	0	0.00000E+00	0.00000E+00	-48978.	0.00000E+00	0.00000E+00	0.00000E+00	
9251	0	0	0.00000E+00	0.00000E+00	-3118.3	0.00000E+00	0.00000E+00	0.00000E+00	
9254	0	0	0.00000E+00	0.00000E+00	-15745.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9254

L O A D C A S E 4392

LoadID=30 Line=2937 Dir=Fwd Pos=168

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
174	0	0	0.00000E+00	0.00000E+00	-6678.0	0.00000E+00	0.00000E+00	0.00000E+00	
175	0	0	0.00000E+00	0.00000E+00	-7725.7	0.00000E+00	0.00000E+00	0.00000E+00	
178	0	0	0.00000E+00	0.00000E+00	-1257.7	0.00000E+00	0.00000E+00	0.00000E+00	
181	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00	
1752	0	0	0.00000E+00	0.00000E+00	-19378.	0.00000E+00	0.00000E+00	0.00000E+00	
1758	0	0	0.00000E+00	0.00000E+00	-33163.	0.00000E+00	0.00000E+00	0.00000E+00	
1779	0	0	0.00000E+00	0.00000E+00	-81401.	0.00000E+00	0.00000E+00	0.00000E+00	
1781	0	0	0.00000E+00	0.00000E+00	-48603.	0.00000E+00	0.00000E+00	0.00000E+00	
1789	0	0	0.00000E+00	0.00000E+00	-4078.1	0.00000E+00	0.00000E+00	0.00000E+00	
1810	0	0	0.00000E+00	0.00000E+00	-29055.	0.00000E+00	0.00000E+00	0.00000E+00	
1812	0	0	0.00000E+00	0.00000E+00	-17740.	0.00000E+00	0.00000E+00	0.00000E+00	
1815	0	0	0.00000E+00	0.00000E+00	-25111.	0.00000E+00	0.00000E+00	0.00000E+00	
1820	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00	

1841	0	0	0.00000E+00	0.00000E+00	-1838.4	0.00000E+00	0.00000E+00	0.00000E+00
1843	0	0	0.00000E+00	0.00000E+00	-1122.5	0.00000E+00	0.00000E+00	0.00000E+00
1847	0	0	0.00000E+00	0.00000E+00	-8960.8	0.00000E+00	0.00000E+00	0.00000E+00
1879	0	0	0.00000E+00	0.00000E+00	-566.98	0.00000E+00	0.00000E+00	0.00000E+00
9248	0	0	0.00000E+00	0.00000E+00	-10115.	0.00000E+00	0.00000E+00	0.00000E+00
9251	0	0	0.00000E+00	0.00000E+00	-2490.1	0.00000E+00	0.00000E+00	0.00000E+00
9254	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9254

L O A D C A S E 4393

LoadID=30 Line=2937 Dir=Fwd Pos=169

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
178	0	0	0.00000E+00	0.00000E+00	-16788.	0.00000E+00	0.00000E+00	0.00000E+00		
181	0	0	0.00000E+00	0.00000E+00	-23165.	0.00000E+00	0.00000E+00	0.00000E+00		
1779	0	0	0.00000E+00	0.00000E+00	-70632.	0.00000E+00	0.00000E+00	0.00000E+00		
1781	0	0	0.00000E+00	0.00000E+00	-43127.	0.00000E+00	0.00000E+00	0.00000E+00		
1789	0	0	0.00000E+00	0.00000E+00	-54433.	0.00000E+00	0.00000E+00	0.00000E+00		
1815	0	0	0.00000E+00	0.00000E+00	-21784.	0.00000E+00	0.00000E+00	0.00000E+00		
1820	0	0	0.00000E+00	0.00000E+00	-75111.	0.00000E+00	0.00000E+00	0.00000E+00		
1841	0	0	0.00000E+00	0.00000E+00	-49954.	0.00000E+00	0.00000E+00	0.00000E+00		
1843	0	0	0.00000E+00	0.00000E+00	-30501.	0.00000E+00	0.00000E+00	0.00000E+00		
1879	0	0	0.00000E+00	0.00000E+00	-15406.	0.00000E+00	0.00000E+00	0.00000E+00		
9251	0	0	0.00000E+00	0.00000E+00	-33236.	0.00000E+00	0.00000E+00	0.00000E+00		
9254	0	0	0.00000E+00	0.00000E+00	-45862.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9254

L O A D C A S E 4394

LoadID=30 Line=2937 Dir=Fwd Pos=170

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
178	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00		
181	0	0	0.00000E+00	0.00000E+00	-4446.4	0.00000E+00	0.00000E+00	0.00000E+00		
184	0	0	0.00000E+00	0.00000E+00	-7695.1	0.00000E+00	0.00000E+00	0.00000E+00		
185	0	0	0.00000E+00	0.00000E+00	-6287.6	0.00000E+00	0.00000E+00	0.00000E+00		
1779	0	0	0.00000E+00	0.00000E+00	-12177.	0.00000E+00	0.00000E+00	0.00000E+00		
1781	0	0	0.00000E+00	0.00000E+00	-7435.4	0.00000E+00	0.00000E+00	0.00000E+00		
1789	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00		
1810	0	0	0.00000E+00	0.00000E+00	-18716.	0.00000E+00	0.00000E+00	0.00000E+00		
1812	0	0	0.00000E+00	0.00000E+00	-11428.	0.00000E+00	0.00000E+00	0.00000E+00		
1815	0	0	0.00000E+00	0.00000E+00	-3755.6	0.00000E+00	0.00000E+00	0.00000E+00		
1820	0	0	0.00000E+00	0.00000E+00	-14417.	0.00000E+00	0.00000E+00	0.00000E+00		
1841	0	0	0.00000E+00	0.00000E+00	-75799.	0.00000E+00	0.00000E+00	0.00000E+00		
1843	0	0	0.00000E+00	0.00000E+00	-47051.	0.00000E+00	0.00000E+00	0.00000E+00		
1847	0	0	0.00000E+00	0.00000E+00	-5772.1	0.00000E+00	0.00000E+00	0.00000E+00		
1851	0	0	0.00000E+00	0.00000E+00	-29282.	0.00000E+00	0.00000E+00	0.00000E+00		
1857	0	0	0.00000E+00	0.00000E+00	-16053.	0.00000E+00	0.00000E+00	0.00000E+00		
1879	0	0	0.00000E+00	0.00000E+00	-22440.	0.00000E+00	0.00000E+00	0.00000E+00		
9251	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00		
9254	0	0	0.00000E+00	0.00000E+00	-8803.0	0.00000E+00	0.00000E+00	0.00000E+00		
9256	0	0	0.00000E+00	0.00000E+00	-7726.2	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9256

L O A D C A S E 4395

LoadID=30 Line=2937 Dir=Fwd Pos=171

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
178	0	0	0.00000E+00	0.00000E+00	-12755.	0.00000E+00	0.00000E+00	0.00000E+00		
184	0	0	0.00000E+00	0.00000E+00	-15339.	0.00000E+00	0.00000E+00	0.00000E+00		
185	0	0	0.00000E+00	0.00000E+00	-14755.	0.00000E+00	0.00000E+00	0.00000E+00		
1789	0	0	0.00000E+00	0.00000E+00	-41357.	0.00000E+00	0.00000E+00	0.00000E+00		
1810	0	0	0.00000E+00	0.00000E+00	-83708.	0.00000E+00	0.00000E+00	0.00000E+00		
1812	0	0	0.00000E+00	0.00000E+00	-51111.	0.00000E+00	0.00000E+00	0.00000E+00		
1841	0	0	0.00000E+00	0.00000E+00	-38053.	0.00000E+00	0.00000E+00	0.00000E+00		
1843	0	0	0.00000E+00	0.00000E+00	-20071.	0.00000E+00	0.00000E+00	0.00000E+00		
1847	0	0	0.00000E+00	0.00000E+00	-25817.	0.00000E+00	0.00000E+00	0.00000E+00		

1851	0	0	0.00000E+00	0.00000E+00	-55842.	0.00000E+00	0.00000E+00	0.00000E+00
1857	0	0	0.00000E+00	0.00000E+00	-49898.	0.00000E+00	0.00000E+00	0.00000E+00
1879	0	0	0.00000E+00	0.00000E+00	-13339.	0.00000E+00	0.00000E+00	0.00000E+00
9251	0	0	0.00000E+00	0.00000E+00	-25252.	0.00000E+00	0.00000E+00	0.00000E+00
9256	0	0	0.00000E+00	0.00000E+00	-32703.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9256

L O A D C A S E 4396

LoadID=30 Line=2937 Dir=Fwd Pos=172

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
181	0	0	0.00000E+00	0.00000E+00	-11045.	0.00000E+00	0.00000E+00	0.00000E+00		
185	0	0	0.00000E+00	0.00000E+00	-28908.	0.00000E+00	0.00000E+00	0.00000E+00		
1810	0	0	0.00000E+00	0.00000E+00	-89252.	0.00000E+00	0.00000E+00	0.00000E+00		
1812	0	0	0.00000E+00	0.00000E+00	-54496.	0.00000E+00	0.00000E+00	0.00000E+00		
1820	0	0	0.00000E+00	0.00000E+00	-35813.	0.00000E+00	0.00000E+00	0.00000E+00		
1847	0	0	0.00000E+00	0.00000E+00	-27526.	0.00000E+00	0.00000E+00	0.00000E+00		
1857	0	0	0.00000E+00	0.00000E+00	-93731.	0.00000E+00	0.00000E+00	0.00000E+00		
1878	0	0	0.00000E+00	0.00000E+00	-31334.	0.00000E+00	0.00000E+00	0.00000E+00		
1880	0	0	0.00000E+00	0.00000E+00	-19132.	0.00000E+00	0.00000E+00	0.00000E+00		
1916	0	0	0.00000E+00	0.00000E+00	-9663.6	0.00000E+00	0.00000E+00	0.00000E+00		
9254	0	0	0.00000E+00	0.00000E+00	-21867.	0.00000E+00	0.00000E+00	0.00000E+00		
9256	0	0	0.00000E+00	0.00000E+00	-57232.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9256

L O A D C A S E 4397

LoadID=30 Line=2937 Dir=Fwd Pos=173

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
181	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00		
185	0	0	0.00000E+00	0.00000E+00	-7317.7	0.00000E+00	0.00000E+00	0.00000E+00		
188	0	0	0.00000E+00	0.00000E+00	-2210.0	0.00000E+00	0.00000E+00	0.00000E+00		
1810	0	0	0.00000E+00	0.00000E+00	-21487.	0.00000E+00	0.00000E+00	0.00000E+00		
1812	0	0	0.00000E+00	0.00000E+00	-13120.	0.00000E+00	0.00000E+00	0.00000E+00		
1820	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00		
1841	0	0	0.00000E+00	0.00000E+00	-9405.5	0.00000E+00	0.00000E+00	0.00000E+00		
1843	0	0	0.00000E+00	0.00000E+00	-5742.9	0.00000E+00	0.00000E+00	0.00000E+00		
1847	0	0	0.00000E+00	0.00000E+00	-6627.0	0.00000E+00	0.00000E+00	0.00000E+00		
1857	0	0	0.00000E+00	0.00000E+00	-23727.	0.00000E+00	0.00000E+00	0.00000E+00		
1878	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00		
1879	0	0	0.00000E+00	0.00000E+00	-2900.8	0.00000E+00	0.00000E+00	0.00000E+00		
1880	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00		
1888	0	0	0.00000E+00	0.00000E+00	-7165.7	0.00000E+00	0.00000E+00	0.00000E+00		
1916	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00		
9254	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00		
9256	0	0	0.00000E+00	0.00000E+00	-14488.	0.00000E+00	0.00000E+00	0.00000E+00		
9260	0	0	0.00000E+00	0.00000E+00	-4375.3	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 18  
LARGEST NODE OR ELEMENT NUMBER = 9260

L O A D C A S E 4398

LoadID=30 Line=2937 Dir=Fwd Pos=174

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
181	0	0	0.00000E+00	0.00000E+00	-18498.	0.00000E+00	0.00000E+00	0.00000E+00		
188	0	0	0.00000E+00	0.00000E+00	-18692.	0.00000E+00	0.00000E+00	0.00000E+00		
1820	0	0	0.00000E+00	0.00000E+00	-59977.	0.00000E+00	0.00000E+00	0.00000E+00		
1841	0	0	0.00000E+00	0.00000E+00	-65088.	0.00000E+00	0.00000E+00	0.00000E+00		
1843	0	0	0.00000E+00	0.00000E+00	-39742.	0.00000E+00	0.00000E+00	0.00000E+00		
1878	0	0	0.00000E+00	0.00000E+00	-64457.	0.00000E+00	0.00000E+00	0.00000E+00		
1879	0	0	0.00000E+00	0.00000E+00	-20074.	0.00000E+00	0.00000E+00	0.00000E+00		
1880	0	0	0.00000E+00	0.00000E+00	-39357.	0.00000E+00	0.00000E+00	0.00000E+00		
1888	0	0	0.00000E+00	0.00000E+00	-60608.	0.00000E+00	0.00000E+00	0.00000E+00		
1916	0	0	0.00000E+00	0.00000E+00	-19879.	0.00000E+00	0.00000E+00	0.00000E+00		
9254	0	0	0.00000E+00	0.00000E+00	-36621.	0.00000E+00	0.00000E+00	0.00000E+00		
9260	0	0	0.00000E+00	0.00000E+00	-37007.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9260

L O A D C A S E 4399

LoadID=30 Line=2937 Dir=Fwd Pos=175

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
181	0	0	0.00000E+00	0.00000E+00	-2112.6	0.00000E+00	0.00000E+00	0.00000E+00		
184	0	0	0.00000E+00	0.00000E+00	-7720.5	0.00000E+00	0.00000E+00	0.00000E+00		
185	0	0	0.00000E+00	0.00000E+00	-6561.2	0.00000E+00	0.00000E+00	0.00000E+00		
188	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00		
1820	0	0	0.00000E+00	0.00000E+00	-6850.0	0.00000E+00	0.00000E+00	0.00000E+00		
1841	0	0	0.00000E+00	0.00000E+00	-79864.	0.00000E+00	0.00000E+00	0.00000E+00		
1843	0	0	0.00000E+00	0.00000E+00	-47998.	0.00000E+00	0.00000E+00	0.00000E+00		
1851	0	0	0.00000E+00	0.00000E+00	-32514.	0.00000E+00	0.00000E+00	0.00000E+00		
1857	0	0	0.00000E+00	0.00000E+00	-18402.	0.00000E+00	0.00000E+00	0.00000E+00		
1878	0	0	0.00000E+00	0.00000E+00	-9089.8	0.00000E+00	0.00000E+00	0.00000E+00		
1879	0	0	0.00000E+00	0.00000E+00	-24388.	0.00000E+00	0.00000E+00	0.00000E+00		
1880	0	0	0.00000E+00	0.00000E+00	-5550.1	0.00000E+00	0.00000E+00	0.00000E+00		
1888	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00		
1909	0	0	0.00000E+00	0.00000E+00	-21803.	0.00000E+00	0.00000E+00	0.00000E+00		
1911	0	0	0.00000E+00	0.00000E+00	-13313.	0.00000E+00	0.00000E+00	0.00000E+00		
1916	0	0	0.00000E+00	0.00000E+00	-2803.4	0.00000E+00	0.00000E+00	0.00000E+00		
1949	0	0	0.00000E+00	0.00000E+00	-6724.3	0.00000E+00	0.00000E+00	0.00000E+00		
9254	0	0	0.00000E+00	0.00000E+00	-4182.6	0.00000E+00	0.00000E+00	0.00000E+00		
9256	0	0	0.00000E+00	0.00000E+00	-9407.0	0.00000E+00	0.00000E+00	0.00000E+00		
9260	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9260

L O A D C A S E 4400

LoadID=30 Line=2937 Dir=Fwd Pos=176

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	-7732.3	0.00000E+00	0.00000E+00	0.00000E+00		
185	0	0	0.00000E+00	0.00000E+00	-26166.	0.00000E+00	0.00000E+00	0.00000E+00		
188	0	0	0.00000E+00	0.00000E+00	-10850.	0.00000E+00	0.00000E+00	0.00000E+00		
1841	0	0	0.00000E+00	0.00000E+00	-20940.	0.00000E+00	0.00000E+00	0.00000E+00		
1843	0	0	0.00000E+00	0.00000E+00	-11284.	0.00000E+00	0.00000E+00	0.00000E+00		
1851	0	0	0.00000E+00	0.00000E+00	-33374.	0.00000E+00	0.00000E+00	0.00000E+00		
1857	0	0	0.00000E+00	0.00000E+00	-83754.	0.00000E+00	0.00000E+00	0.00000E+00		
1878	0	0	0.00000E+00	0.00000E+00	-95.380	0.00000E+00	0.00000E+00	0.00000E+00		
1879	0	0	0.00000E+00	0.00000E+00	-6866.9	0.00000E+00	0.00000E+00	0.00000E+00		
1880	0	0	0.00000E+00	0.00000E+00	-58.238	0.00000E+00	0.00000E+00	0.00000E+00		
1888	0	0	0.00000E+00	0.00000E+00	-35182.	0.00000E+00	0.00000E+00	0.00000E+00		
1909	0	0	0.00000E+00	0.00000E+00	-89883.	0.00000E+00	0.00000E+00	0.00000E+00		
1911	0	0	0.00000E+00	0.00000E+00	-54882.	0.00000E+00	0.00000E+00	0.00000E+00		
1916	0	0	0.00000E+00	0.00000E+00	-29.416	0.00000E+00	0.00000E+00	0.00000E+00		
1949	0	0	0.00000E+00	0.00000E+00	-27721.	0.00000E+00	0.00000E+00	0.00000E+00		
9256	0	0	0.00000E+00	0.00000E+00	-49700.	0.00000E+00	0.00000E+00	0.00000E+00		
9260	0	0	0.00000E+00	0.00000E+00	-21482.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 17  
LARGEST NODE OR ELEMENT NUMBER = 9260

L O A D C A S E 4401

LoadID=30 Line=2937 Dir=Fwd Pos=177

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
185	0	0	0.00000E+00	0.00000E+00	-24240.	0.00000E+00	0.00000E+00	0.00000E+00		
191	0	0	0.00000E+00	0.00000E+00	-12950.	0.00000E+00	0.00000E+00	0.00000E+00		
1857	0	0	0.00000E+00	0.00000E+00	-78597.	0.00000E+00	0.00000E+00	0.00000E+00		
1878	0	0	0.00000E+00	0.00000E+00	-46468.	0.00000E+00	0.00000E+00	0.00000E+00		
1880	0	0	0.00000E+00	0.00000E+00	-28373.	0.00000E+00	0.00000E+00	0.00000E+00		
1909	0	0	0.00000E+00	0.00000E+00	-83077.	0.00000E+00	0.00000E+00	0.00000E+00		
1911	0	0	0.00000E+00	0.00000E+00	-50726.	0.00000E+00	0.00000E+00	0.00000E+00		
1916	0	0	0.00000E+00	0.00000E+00	-14331.	0.00000E+00	0.00000E+00	0.00000E+00		
1919	0	0	0.00000E+00	0.00000E+00	-41988.	0.00000E+00	0.00000E+00	0.00000E+00		
1949	0	0	0.00000E+00	0.00000E+00	-25622.	0.00000E+00	0.00000E+00	0.00000E+00		
9256	0	0	0.00000E+00	0.00000E+00	-47991.	0.00000E+00	0.00000E+00	0.00000E+00		
9269	0	0	0.00000E+00	0.00000E+00	-25638.	0.00000E+00	0.00000E+00	0.00000E+00		



NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 9269

L O A D C A S E 4402

LoadID=30 Line=2937 Dir=Fwd Pos=178

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
185	0	0	0.00000E+00	0.00000E+00	-4984.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
188	0	0	0.00000E+00	0.00000E+00	-4543.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
191	0	0	0.00000E+00	0.00000E+00	-21529.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
192	0	0	0.00000E+00	0.00000E+00	-7666.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1857	0	0	0.00000E+00	0.00000E+00	-16160.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1878	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1880	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1888	0	0	0.00000E+00	0.00000E+00	-14733.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1909	0	0	0.00000E+00	0.00000E+00	-18400.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1911	0	0	0.00000E+00	0.00000E+00	-11235.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1916	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1919	0	0	0.00000E+00	0.00000E+00	-73912.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1925	0	0	0.00000E+00	0.00000E+00	-25907.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1946	0	0	0.00000E+00	0.00000E+00	-15172.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1948	0	0	0.00000E+00	0.00000E+00	-7035.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1949	0	0	0.00000E+00	0.00000E+00	-5674.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1992	0	0	0.00000E+00	0.00000E+00	-6254.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9256	0	0	0.00000E+00	0.00000E+00	-9867.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9260	0	0	0.00000E+00	0.00000E+00	-8995.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9269	0	0	0.00000E+00	0.00000E+00	-47213.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 9269

L O A D C A S E 4403

LoadID=30 Line=2937 Dir=Fwd Pos=179

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
188	0	0	0.00000E+00	0.00000E+00	-23360.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
191	0	0	0.00000E+00	0.00000E+00	-13628.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
192	0	0	0.00000E+00	0.00000E+00	-15389.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1878	0	0	0.00000E+00	0.00000E+00	-49322.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1880	0	0	0.00000E+00	0.00000E+00	-30116.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1888	0	0	0.00000E+00	0.00000E+00	-75743.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1916	0	0	0.00000E+00	0.00000E+00	-15212.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1919	0	0	0.00000E+00	0.00000E+00	-40987.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1925	0	0	0.00000E+00	0.00000E+00	-56590.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1946	0	0	0.00000E+00	0.00000E+00	-47117.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1948	0	0	0.00000E+00	0.00000E+00	-29236.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1992	0	0	0.00000E+00	0.00000E+00	-14345.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9260	0	0	0.00000E+00	0.00000E+00	-46248.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9269	0	0	0.00000E+00	0.00000E+00	-22708.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
 LARGEST NODE OR ELEMENT NUMBER = 9269

L O A D C A S E 4404

LoadID=30 Line=2937 Dir=Fwd Pos=180

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
188	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
191	0	0	0.00000E+00	0.00000E+00	-5973.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
192	0	0	0.00000E+00	0.00000E+00	-7631.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
195	0	0	0.00000E+00	0.00000E+00	-8367.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1878	0	0	0.00000E+00	0.00000E+00	-1522.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1880	0	0	0.00000E+00	0.00000E+00	-929.75	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1888	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1909	0	0	0.00000E+00	0.00000E+00	-29370.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1911	0	0	0.00000E+00	0.00000E+00	-17933.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1916	0	0	0.00000E+00	0.00000E+00	-469.62	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1919	0	0	0.00000E+00	0.00000E+00	-13028.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1925	0	0	0.00000E+00	0.00000E+00	-22763.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1946	0	0	0.00000E+00	0.00000E+00	-67343.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
1948	0	0	0.00000E+00	0.00000E+00	-46470.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

1949	0	0	0.00000E+00	0.00000E+00	-9058.1	0.00000E+00	0.00000E+00	0.00000E+00
1956	0	0	0.00000E+00	0.00000E+00	-27131.	0.00000E+00	0.00000E+00	0.00000E+00
1992	0	0	0.00000E+00	0.00000E+00	-19189.	0.00000E+00	0.00000E+00	0.00000E+00
9260	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00
9269	0	0	0.00000E+00	0.00000E+00	-5540.0	0.00000E+00	0.00000E+00	0.00000E+00
9272	0	0	0.00000E+00	0.00000E+00	-16566.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9272

L O A D C A S E 4405

LoadID=30 Line=2937 Dir=Fwd Pos=181

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
188	0	0	0.00000E+00	0.00000E+00	-7855.3	0.00000E+00	0.00000E+00	0.00000E+00	
191	0	0	0.00000E+00	0.00000E+00	-1672.4	0.00000E+00	0.00000E+00	0.00000E+00	
195	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00	
1888	0	0	0.00000E+00	0.00000E+00	-25470.	0.00000E+00	0.00000E+00	0.00000E+00	
1909	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00	
1911	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00	
1919	0	0	0.00000E+00	0.00000E+00	-5422.7	0.00000E+00	0.00000E+00	0.00000E+00	
1946	0	0	0.00000E+00	0.00000E+00	-27710.	0.00000E+00	0.00000E+00	0.00000E+00	
1948	0	0	0.00000E+00	0.00000E+00	-16919.	0.00000E+00	0.00000E+00	0.00000E+00	
1949	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00	
1956	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00	
1983	0	0	0.00000E+00	0.00000E+00	-3183.0	0.00000E+00	0.00000E+00	0.00000E+00	
1985	0	0	0.00000E+00	0.00000E+00	-1943.5	0.00000E+00	0.00000E+00	0.00000E+00	
1992	0	0	0.00000E+00	0.00000E+00	-8546.1	0.00000E+00	0.00000E+00	0.00000E+00	
2025	0	0	0.00000E+00	0.00000E+00	-981.67	0.00000E+00	0.00000E+00	0.00000E+00	
9260	0	0	0.00000E+00	0.00000E+00	-15552.	0.00000E+00	0.00000E+00	0.00000E+00	
9269	0	0	0.00000E+00	0.00000E+00	-3311.1	0.00000E+00	0.00000E+00	0.00000E+00	
9272	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 18  
LARGEST NODE OR ELEMENT NUMBER = 9272

L O A D C A S E 4406

LoadID=30 Line=2937 Dir=Fwd Pos=182

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
191	0	0	0.00000E+00	0.00000E+00	-17617.	0.00000E+00	0.00000E+00	0.00000E+00	
195	0	0	0.00000E+00	0.00000E+00	-22336.	0.00000E+00	0.00000E+00	0.00000E+00	
1909	0	0	0.00000E+00	0.00000E+00	-67943.	0.00000E+00	0.00000E+00	0.00000E+00	
1911	0	0	0.00000E+00	0.00000E+00	-41485.	0.00000E+00	0.00000E+00	0.00000E+00	
1919	0	0	0.00000E+00	0.00000E+00	-57122.	0.00000E+00	0.00000E+00	0.00000E+00	
1949	0	0	0.00000E+00	0.00000E+00	-20954.	0.00000E+00	0.00000E+00	0.00000E+00	
1956	0	0	0.00000E+00	0.00000E+00	-72422.	0.00000E+00	0.00000E+00	0.00000E+00	
1983	0	0	0.00000E+00	0.00000E+00	-52643.	0.00000E+00	0.00000E+00	0.00000E+00	
1985	0	0	0.00000E+00	0.00000E+00	-32143.	0.00000E+00	0.00000E+00	0.00000E+00	
2025	0	0	0.00000E+00	0.00000E+00	-16236.	0.00000E+00	0.00000E+00	0.00000E+00	
9269	0	0	0.00000E+00	0.00000E+00	-34878.	0.00000E+00	0.00000E+00	0.00000E+00	
9272	0	0	0.00000E+00	0.00000E+00	-44220.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9272

L O A D C A S E 4407

LoadID=30 Line=2937 Dir=Fwd Pos=183

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
191	0	0	0.00000E+00	0.00000E+00	-23441.	0.00000E+00	0.00000E+00	0.00000E+00	
192	0	0	0.00000E+00	0.00000E+00	-7721.2	0.00000E+00	0.00000E+00	0.00000E+00	
195	0	0	0.00000E+00	0.00000E+00	-4031.7	0.00000E+00	0.00000E+00	0.00000E+00	
198	0	0	0.00000E+00	0.00000E+00	-5494.9	0.00000E+00	0.00000E+00	0.00000E+00	
1909	0	0	0.00000E+00	0.00000E+00	-10833.	0.00000E+00	0.00000E+00	0.00000E+00	
1911	0	0	0.00000E+00	0.00000E+00	-6614.4	0.00000E+00	0.00000E+00	0.00000E+00	
1919	0	0	0.00000E+00	0.00000E+00	-78061.	0.00000E+00	0.00000E+00	0.00000E+00	
1925	0	0	0.00000E+00	0.00000E+00	-29965.	0.00000E+00	0.00000E+00	0.00000E+00	
1946	0	0	0.00000E+00	0.00000E+00	-17333.	0.00000E+00	0.00000E+00	0.00000E+00	
1948	0	0	0.00000E+00	0.00000E+00	-8610.8	0.00000E+00	0.00000E+00	0.00000E+00	
1949	0	0	0.00000E+00	0.00000E+00	-3341.0	0.00000E+00	0.00000E+00	0.00000E+00	
1956	0	0	0.00000E+00	0.00000E+00	-13073.	0.00000E+00	0.00000E+00	0.00000E+00	

1983	0	0	0.00000E+00	0.00000E+00	-94176.	0.00000E+00	0.00000E+00	0.00000E+00
1985	0	0	0.00000E+00	0.00000E+00	-57503.	0.00000E+00	0.00000E+00	0.00000E+00
1992	0	0	0.00000E+00	0.00000E+00	-6479.7	0.00000E+00	0.00000E+00	0.00000E+00
1993	0	0	0.00000E+00	0.00000E+00	-17817.	0.00000E+00	0.00000E+00	0.00000E+00
2025	0	0	0.00000E+00	0.00000E+00	-29045.	0.00000E+00	0.00000E+00	0.00000E+00
9269	0	0	0.00000E+00	0.00000E+00	-47601.	0.00000E+00	0.00000E+00	0.00000E+00
9272	0	0	0.00000E+00	0.00000E+00	-7982.0	0.00000E+00	0.00000E+00	0.00000E+00
9275	0	0	0.00000E+00	0.00000E+00	-10879.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9275

L O A D C A S E 4408

LoadID=30 Line=2937 Dir=Fwd Pos=184

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
191	0	0	0.00000E+00	0.00000E+00	-13044.	0.00000E+00	0.00000E+00	0.00000E+00		
192	0	0	0.00000E+00	0.00000E+00	-15366.	0.00000E+00	0.00000E+00	0.00000E+00		
198	0	0	0.00000E+00	0.00000E+00	-25259.	0.00000E+00	0.00000E+00	0.00000E+00		
1919	0	0	0.00000E+00	0.00000E+00	-35707.	0.00000E+00	0.00000E+00	0.00000E+00		
1925	0	0	0.00000E+00	0.00000E+00	-55695.	0.00000E+00	0.00000E+00	0.00000E+00		
1946	0	0	0.00000E+00	0.00000E+00	-51738.	0.00000E+00	0.00000E+00	0.00000E+00		
1948	0	0	0.00000E+00	0.00000E+00	-35236.	0.00000E+00	0.00000E+00	0.00000E+00		
1983	0	0	0.00000E+00	0.00000E+00	-43164.	0.00000E+00	0.00000E+00	0.00000E+00		
1985	0	0	0.00000E+00	0.00000E+00	-26356.	0.00000E+00	0.00000E+00	0.00000E+00		
1992	0	0	0.00000E+00	0.00000E+00	-15010.	0.00000E+00	0.00000E+00	0.00000E+00		
1993	0	0	0.00000E+00	0.00000E+00	-81901.	0.00000E+00	0.00000E+00	0.00000E+00		
2025	0	0	0.00000E+00	0.00000E+00	-13312.	0.00000E+00	0.00000E+00	0.00000E+00		
9269	0	0	0.00000E+00	0.00000E+00	-18204.	0.00000E+00	0.00000E+00	0.00000E+00		
9275	0	0	0.00000E+00	0.00000E+00	-50008.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9275

L O A D C A S E 4409

LoadID=30 Line=2937 Dir=Fwd Pos=185

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
195	0	0	0.00000E+00	0.00000E+00	-11875.	0.00000E+00	0.00000E+00	0.00000E+00		
198	0	0	0.00000E+00	0.00000E+00	-28089.	0.00000E+00	0.00000E+00	0.00000E+00		
1946	0	0	0.00000E+00	0.00000E+00	-86563.	0.00000E+00	0.00000E+00	0.00000E+00		
1948	0	0	0.00000E+00	0.00000E+00	-52854.	0.00000E+00	0.00000E+00	0.00000E+00		
1956	0	0	0.00000E+00	0.00000E+00	-38502.	0.00000E+00	0.00000E+00	0.00000E+00		
1992	0	0	0.00000E+00	0.00000E+00	-26697.	0.00000E+00	0.00000E+00	0.00000E+00		
1993	0	0	0.00000E+00	0.00000E+00	-91075.	0.00000E+00	0.00000E+00	0.00000E+00		
2014	0	0	0.00000E+00	0.00000E+00	-33990.	0.00000E+00	0.00000E+00	0.00000E+00		
2016	0	0	0.00000E+00	0.00000E+00	-20754.	0.00000E+00	0.00000E+00	0.00000E+00		
2057	0	0	0.00000E+00	0.00000E+00	-10483.	0.00000E+00	0.00000E+00	0.00000E+00		
9272	0	0	0.00000E+00	0.00000E+00	-23509.	0.00000E+00	0.00000E+00	0.00000E+00		
9275	0	0	0.00000E+00	0.00000E+00	-55610.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9275

L O A D C A S E 4410

LoadID=30 Line=2937 Dir=Fwd Pos=186

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
195	0	0	0.00000E+00	0.00000E+00	-29044.	0.00000E+00	0.00000E+00	0.00000E+00		
198	0	0	0.00000E+00	0.00000E+00	-6909.6	0.00000E+00	0.00000E+00	0.00000E+00		
201	0	0	0.00000E+00	0.00000E+00	-7649.6	0.00000E+00	0.00000E+00	0.00000E+00		
202	0	0	0.00000E+00	0.00000E+00	-6064.6	0.00000E+00	0.00000E+00	0.00000E+00		
1946	0	0	0.00000E+00	0.00000E+00	-20143.	0.00000E+00	0.00000E+00	0.00000E+00		
1948	0	0	0.00000E+00	0.00000E+00	-12299.	0.00000E+00	0.00000E+00	0.00000E+00		
1956	0	0	0.00000E+00	0.00000E+00	-94172.	0.00000E+00	0.00000E+00	0.00000E+00		
1983	0	0	0.00000E+00	0.00000E+00	-10750.	0.00000E+00	0.00000E+00	0.00000E+00		
1985	0	0	0.00000E+00	0.00000E+00	-6563.9	0.00000E+00	0.00000E+00	0.00000E+00		
1992	0	0	0.00000E+00	0.00000E+00	-6212.3	0.00000E+00	0.00000E+00	0.00000E+00		
1993	0	0	0.00000E+00	0.00000E+00	-22404.	0.00000E+00	0.00000E+00	0.00000E+00		
2014	0	0	0.00000E+00	0.00000E+00	-70869.	0.00000E+00	0.00000E+00	0.00000E+00		
2016	0	0	0.00000E+00	0.00000E+00	-46892.	0.00000E+00	0.00000E+00	0.00000E+00		
2024	0	0	0.00000E+00	0.00000E+00	-24962.	0.00000E+00	0.00000E+00	0.00000E+00		

2025	0	0	0.00000E+00	0.00000E+00	-3315.4	0.00000E+00	0.00000E+00	0.00000E+00
2030	0	0	0.00000E+00	0.00000E+00	-13964.	0.00000E+00	0.00000E+00	0.00000E+00
2057	0	0	0.00000E+00	0.00000E+00	-20395.	0.00000E+00	0.00000E+00	0.00000E+00
9272	0	0	0.00000E+00	0.00000E+00	-57501.	0.00000E+00	0.00000E+00	0.00000E+00
9275	0	0	0.00000E+00	0.00000E+00	-13680.	0.00000E+00	0.00000E+00	0.00000E+00
9278	0	0	0.00000E+00	0.00000E+00	-6211.3	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9278

L O A D C A S E 4411

LoadID=30 Line=2937 Dir=Fwd Pos=187

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
195	0	0	0.00000E+00	0.00000E+00	-17668.	0.00000E+00	0.00000E+00	0.00000E+00	
201	0	0	0.00000E+00	0.00000E+00	-15387.	0.00000E+00	0.00000E+00	0.00000E+00	
202	0	0	0.00000E+00	0.00000E+00	-14032.	0.00000E+00	0.00000E+00	0.00000E+00	
1956	0	0	0.00000E+00	0.00000E+00	-57288.	0.00000E+00	0.00000E+00	0.00000E+00	
1983	0	0	0.00000E+00	0.00000E+00	-67777.	0.00000E+00	0.00000E+00	0.00000E+00	
1985	0	0	0.00000E+00	0.00000E+00	-41384.	0.00000E+00	0.00000E+00	0.00000E+00	
2014	0	0	0.00000E+00	0.00000E+00	-43807.	0.00000E+00	0.00000E+00	0.00000E+00	
2016	0	0	0.00000E+00	0.00000E+00	-25473.	0.00000E+00	0.00000E+00	0.00000E+00	
2024	0	0	0.00000E+00	0.00000E+00	-56684.	0.00000E+00	0.00000E+00	0.00000E+00	
2025	0	0	0.00000E+00	0.00000E+00	-20903.	0.00000E+00	0.00000E+00	0.00000E+00	
2030	0	0	0.00000E+00	0.00000E+00	-44490.	0.00000E+00	0.00000E+00	0.00000E+00	
2057	0	0	0.00000E+00	0.00000E+00	-13955.	0.00000E+00	0.00000E+00	0.00000E+00	
9272	0	0	0.00000E+00	0.00000E+00	-34979.	0.00000E+00	0.00000E+00	0.00000E+00	
9278	0	0	0.00000E+00	0.00000E+00	-26172.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9278

L O A D C A S E 4412

LoadID=30 Line=2937 Dir=Fwd Pos=188

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
195	0	0	0.00000E+00	0.00000E+00	-1697.9	0.00000E+00	0.00000E+00	0.00000E+00	
198	0	0	0.00000E+00	0.00000E+00	-7828.2	0.00000E+00	0.00000E+00	0.00000E+00	
201	0	0	0.00000E+00	0.00000E+00	-7621.0	0.00000E+00	0.00000E+00	0.00000E+00	
202	0	0	0.00000E+00	0.00000E+00	-20333.	0.00000E+00	0.00000E+00	0.00000E+00	
1956	0	0	0.00000E+00	0.00000E+00	-5505.4	0.00000E+00	0.00000E+00	0.00000E+00	
1983	0	0	0.00000E+00	0.00000E+00	-94177.	0.00000E+00	0.00000E+00	0.00000E+00	
1985	0	0	0.00000E+00	0.00000E+00	-57504.	0.00000E+00	0.00000E+00	0.00000E+00	
1993	0	0	0.00000E+00	0.00000E+00	-25382.	0.00000E+00	0.00000E+00	0.00000E+00	
2014	0	0	0.00000E+00	0.00000E+00	-13997.	0.00000E+00	0.00000E+00	0.00000E+00	
2016	0	0	0.00000E+00	0.00000E+00	-6174.2	0.00000E+00	0.00000E+00	0.00000E+00	
2024	0	0	0.00000E+00	0.00000E+00	-23440.	0.00000E+00	0.00000E+00	0.00000E+00	
2025	0	0	0.00000E+00	0.00000E+00	-29045.	0.00000E+00	0.00000E+00	0.00000E+00	
2030	0	0	0.00000E+00	0.00000E+00	-70798.	0.00000E+00	0.00000E+00	0.00000E+00	
2051	0	0	0.00000E+00	0.00000E+00	-23104.	0.00000E+00	0.00000E+00	0.00000E+00	
2053	0	0	0.00000E+00	0.00000E+00	-14107.	0.00000E+00	0.00000E+00	0.00000E+00	
2057	0	0	0.00000E+00	0.00000E+00	-6136.9	0.00000E+00	0.00000E+00	0.00000E+00	
2094	0	0	0.00000E+00	0.00000E+00	-7125.7	0.00000E+00	0.00000E+00	0.00000E+00	
9272	0	0	0.00000E+00	0.00000E+00	-3361.6	0.00000E+00	0.00000E+00	0.00000E+00	
9275	0	0	0.00000E+00	0.00000E+00	-15498.	0.00000E+00	0.00000E+00	0.00000E+00	
9278	0	0	0.00000E+00	0.00000E+00	-47164.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9278

L O A D C A S E 4413

LoadID=30 Line=2937 Dir=Fwd Pos=189

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
198	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
202	0	0	0.00000E+00	0.00000E+00	-10051.	0.00000E+00	0.00000E+00	0.00000E+00	
1983	0	0	0.00000E+00	0.00000E+00	-29460.	0.00000E+00	0.00000E+00	0.00000E+00	
1985	0	0	0.00000E+00	0.00000E+00	-17988.	0.00000E+00	0.00000E+00	0.00000E+00	
1993	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	
2014	0	0	0.00000E+00	0.00000E+00	-1426.8	0.00000E+00	0.00000E+00	0.00000E+00	
2016	0	0	0.00000E+00	0.00000E+00	-871.20	0.00000E+00	0.00000E+00	0.00000E+00	
2025	0	0	0.00000E+00	0.00000E+00	-9085.7	0.00000E+00	0.00000E+00	0.00000E+00	

2030	0	0	0.00000E+00	0.00000E+00	-32589.	0.00000E+00	0.00000E+00	0.00000E+00
2051	0	0	0.00000E+00	0.00000E+00	-92476.	0.00000E+00	0.00000E+00	0.00000E+00
2053	0	0	0.00000E+00	0.00000E+00	-56465.	0.00000E+00	0.00000E+00	0.00000E+00
2057	0	0	0.00000E+00	0.00000E+00	-440.05	0.00000E+00	0.00000E+00	0.00000E+00
2094	0	0	0.00000E+00	0.00000E+00	-28521.	0.00000E+00	0.00000E+00	0.00000E+00
9275	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00
9278	0	0	0.00000E+00	0.00000E+00	-19898.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 15  
LARGEST NODE OR ELEMENT NUMBER = 9278

L O A D C A S E 4414

LoadID=30 Line=2937 Dir=Fwd Pos=190

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
198	0	0	0.00000E+00	0.00000E+00	-23422.	0.00000E+00	0.00000E+00	0.00000E+00		
205	0	0	0.00000E+00	0.00000E+00	-13744.	0.00000E+00	0.00000E+00	0.00000E+00		
1993	0	0	0.00000E+00	0.00000E+00	-75944.	0.00000E+00	0.00000E+00	0.00000E+00		
2014	0	0	0.00000E+00	0.00000E+00	-49121.	0.00000E+00	0.00000E+00	0.00000E+00		
2016	0	0	0.00000E+00	0.00000E+00	-29993.	0.00000E+00	0.00000E+00	0.00000E+00		
2051	0	0	0.00000E+00	0.00000E+00	-80500.	0.00000E+00	0.00000E+00	0.00000E+00		
2053	0	0	0.00000E+00	0.00000E+00	-49152.	0.00000E+00	0.00000E+00	0.00000E+00		
2057	0	0	0.00000E+00	0.00000E+00	-15149.	0.00000E+00	0.00000E+00	0.00000E+00		
2061	0	0	0.00000E+00	0.00000E+00	-44565.	0.00000E+00	0.00000E+00	0.00000E+00		
2094	0	0	0.00000E+00	0.00000E+00	-24827.	0.00000E+00	0.00000E+00	0.00000E+00		
9275	0	0	0.00000E+00	0.00000E+00	-46371.	0.00000E+00	0.00000E+00	0.00000E+00		
9283	0	0	0.00000E+00	0.00000E+00	-27211.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9283

L O A D C A S E 4415

LoadID=30 Line=2937 Dir=Fwd Pos=191

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
198	0	0	0.00000E+00	0.00000E+00	-4576.3	0.00000E+00	0.00000E+00	0.00000E+00		
201	0	0	0.00000E+00	0.00000E+00	-7693.3	0.00000E+00	0.00000E+00	0.00000E+00		
202	0	0	0.00000E+00	0.00000E+00	-6273.6	0.00000E+00	0.00000E+00	0.00000E+00		
205	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00		
1993	0	0	0.00000E+00	0.00000E+00	-14838.	0.00000E+00	0.00000E+00	0.00000E+00		
2014	0	0	0.00000E+00	0.00000E+00	-75568.	0.00000E+00	0.00000E+00	0.00000E+00		
2016	0	0	0.00000E+00	0.00000E+00	-47030.	0.00000E+00	0.00000E+00	0.00000E+00		
2024	0	0	0.00000E+00	0.00000E+00	-29061.	0.00000E+00	0.00000E+00	0.00000E+00		
2030	0	0	0.00000E+00	0.00000E+00	-15929.	0.00000E+00	0.00000E+00	0.00000E+00		
2051	0	0	0.00000E+00	0.00000E+00	-17116.	0.00000E+00	0.00000E+00	0.00000E+00		
2053	0	0	0.00000E+00	0.00000E+00	-10451.	0.00000E+00	0.00000E+00	0.00000E+00		
2057	0	0	0.00000E+00	0.00000E+00	-22333.	0.00000E+00	0.00000E+00	0.00000E+00		
2061	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00		
2082	0	0	0.00000E+00	0.00000E+00	-13770.	0.00000E+00	0.00000E+00	0.00000E+00		
2084	0	0	0.00000E+00	0.00000E+00	-8408.1	0.00000E+00	0.00000E+00	0.00000E+00		
2094	0	0	0.00000E+00	0.00000E+00	-5278.8	0.00000E+00	0.00000E+00	0.00000E+00		
2126	0	0	0.00000E+00	0.00000E+00	-4247.0	0.00000E+00	0.00000E+00	0.00000E+00		
9275	0	0	0.00000E+00	0.00000E+00	-9060.1	0.00000E+00	0.00000E+00	0.00000E+00		
9278	0	0	0.00000E+00	0.00000E+00	-7637.7	0.00000E+00	0.00000E+00	0.00000E+00		
9283	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9283

L O A D C A S E 4416

LoadID=30 Line=2937 Dir=Fwd Pos=192

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
201	0	0	0.00000E+00	0.00000E+00	-15342.	0.00000E+00	0.00000E+00	0.00000E+00		
202	0	0	0.00000E+00	0.00000E+00	-14715.	0.00000E+00	0.00000E+00	0.00000E+00		
205	0	0	0.00000E+00	0.00000E+00	-15808.	0.00000E+00	0.00000E+00	0.00000E+00		
2014	0	0	0.00000E+00	0.00000E+00	-38345.	0.00000E+00	0.00000E+00	0.00000E+00		
2016	0	0	0.00000E+00	0.00000E+00	-20321.	0.00000E+00	0.00000E+00	0.00000E+00		
2024	0	0	0.00000E+00	0.00000E+00	-55926.	0.00000E+00	0.00000E+00	0.00000E+00		
2030	0	0	0.00000E+00	0.00000E+00	-49632.	0.00000E+00	0.00000E+00	0.00000E+00		
2057	0	0	0.00000E+00	0.00000E+00	-13370.	0.00000E+00	0.00000E+00	0.00000E+00		
2061	0	0	0.00000E+00	0.00000E+00	-51257.	0.00000E+00	0.00000E+00	0.00000E+00		

2082	0	0	0.00000E+00	0.00000E+00	-73808.	0.00000E+00	0.00000E+00	0.00000E+00
2084	0	0	0.00000E+00	0.00000E+00	-45067.	0.00000E+00	0.00000E+00	0.00000E+00
2126	0	0	0.00000E+00	0.00000E+00	-22763.	0.00000E+00	0.00000E+00	0.00000E+00
9278	0	0	0.00000E+00	0.00000E+00	-32350.	0.00000E+00	0.00000E+00	0.00000E+00
9283	0	0	0.00000E+00	0.00000E+00	-31297.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9283

L O A D C A S E 4417

LoadID=30 Line=2937 Dir=Fwd Pos=193

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
201	0	0	0.00000E+00	0.00000E+00	-7577.9	0.00000E+00	0.00000E+00	0.00000E+00	
202	0	0	0.00000E+00	0.00000E+00	-18419.	0.00000E+00	0.00000E+00	0.00000E+00	
205	0	0	0.00000E+00	0.00000E+00	-769.35	0.00000E+00	0.00000E+00	0.00000E+00	
208	0	0	0.00000E+00	0.00000E+00	-8756.4	0.00000E+00	0.00000E+00	0.00000E+00	
2014	0	0	0.00000E+00	0.00000E+00	-12728.	0.00000E+00	0.00000E+00	0.00000E+00	
2016	0	0	0.00000E+00	0.00000E+00	-5294.3	0.00000E+00	0.00000E+00	0.00000E+00	
2024	0	0	0.00000E+00	0.00000E+00	-20523.	0.00000E+00	0.00000E+00	0.00000E+00	
2030	0	0	0.00000E+00	0.00000E+00	-64958.	0.00000E+00	0.00000E+00	0.00000E+00	
2051	0	0	0.00000E+00	0.00000E+00	-30670.	0.00000E+00	0.00000E+00	0.00000E+00	
2053	0	0	0.00000E+00	0.00000E+00	-18727.	0.00000E+00	0.00000E+00	0.00000E+00	
2057	0	0	0.00000E+00	0.00000E+00	-6016.7	0.00000E+00	0.00000E+00	0.00000E+00	
2061	0	0	0.00000E+00	0.00000E+00	-2494.6	0.00000E+00	0.00000E+00	0.00000E+00	
2082	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	
2084	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	
2092	0	0	0.00000E+00	0.00000E+00	-28392.	0.00000E+00	0.00000E+00	0.00000E+00	
2094	0	0	0.00000E+00	0.00000E+00	-9458.9	0.00000E+00	0.00000E+00	0.00000E+00	
2126	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
9278	0	0	0.00000E+00	0.00000E+00	-45628.	0.00000E+00	0.00000E+00	0.00000E+00	
9283	0	0	0.00000E+00	0.00000E+00	-1523.2	0.00000E+00	0.00000E+00	0.00000E+00	
9285	0	0	0.00000E+00	0.00000E+00	-17336.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9285

L O A D C A S E 4418

LoadID=30 Line=2937 Dir=Fwd Pos=194

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
202	0	0	0.00000E+00	0.00000E+00	-7455.0	0.00000E+00	0.00000E+00	0.00000E+00	
205	0	0	0.00000E+00	0.00000E+00	-2070.8	0.00000E+00	0.00000E+00	0.00000E+00	
208	0	0	0.00000E+00	0.00000E+00	-19482.	0.00000E+00	0.00000E+00	0.00000E+00	
209	0	0	0.00000E+00	0.00000E+00	-7594.0	0.00000E+00	0.00000E+00	0.00000E+00	
2030	0	0	0.00000E+00	0.00000E+00	-24172.	0.00000E+00	0.00000E+00	0.00000E+00	
2051	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	
2053	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	
2061	0	0	0.00000E+00	0.00000E+00	-6714.5	0.00000E+00	0.00000E+00	0.00000E+00	
2082	0	0	0.00000E+00	0.00000E+00	-26450.	0.00000E+00	0.00000E+00	0.00000E+00	
2084	0	0	0.00000E+00	0.00000E+00	-16150.	0.00000E+00	0.00000E+00	0.00000E+00	
2092	0	0	0.00000E+00	0.00000E+00	-68292.	0.00000E+00	0.00000E+00	0.00000E+00	
2094	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
2098	0	0	0.00000E+00	0.00000E+00	-21934.	0.00000E+00	0.00000E+00	0.00000E+00	
2119	0	0	0.00000E+00	0.00000E+00	-13315.	0.00000E+00	0.00000E+00	0.00000E+00	
2121	0	0	0.00000E+00	0.00000E+00	-5682.6	0.00000E+00	0.00000E+00	0.00000E+00	
2126	0	0	0.00000E+00	0.00000E+00	-8157.5	0.00000E+00	0.00000E+00	0.00000E+00	
2163	0	0	0.00000E+00	0.00000E+00	-6071.4	0.00000E+00	0.00000E+00	0.00000E+00	
9278	0	0	0.00000E+00	0.00000E+00	-14759.	0.00000E+00	0.00000E+00	0.00000E+00	
9283	0	0	0.00000E+00	0.00000E+00	-4099.8	0.00000E+00	0.00000E+00	0.00000E+00	
9285	0	0	0.00000E+00	0.00000E+00	-46872.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9285

L O A D C A S E 4419

LoadID=30 Line=2937 Dir=Fwd Pos=195

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
205	0	0	0.00000E+00	0.00000E+00	-18411.	0.00000E+00	0.00000E+00	0.00000E+00	
208	0	0	0.00000E+00	0.00000E+00	-14328.	0.00000E+00	0.00000E+00	0.00000E+00	
209	0	0	0.00000E+00	0.00000E+00	-15371.	0.00000E+00	0.00000E+00	0.00000E+00	

2051	0	0	0.00000E+00	0.00000E+00	-65369.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2053	0	0	0.00000E+00	0.00000E+00	-39914.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2061	0	0	0.00000E+00	0.00000E+00	-59696.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2092	0	0	0.00000E+00	0.00000E+00	-46870.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2094	0	0	0.00000E+00	0.00000E+00	-20160.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2098	0	0	0.00000E+00	0.00000E+00	-56498.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2119	0	0	0.00000E+00	0.00000E+00	-41357.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2121	0	0	0.00000E+00	0.00000E+00	-23034.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2163	0	0	0.00000E+00	0.00000E+00	-13687.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9283	0	0	0.00000E+00	0.00000E+00	-36450.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9285	0	0	0.00000E+00	0.00000E+00	-28854.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9285

L O A D C A S E 4420

LoadID=30 Line=2937 Dir=Fwd Pos=196

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
205	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
208	0	0	0.00000E+00	0.00000E+00	-6148.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
209	0	0	0.00000E+00	0.00000E+00	-7669.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
212	0	0	0.00000E+00	0.00000E+00	-5877.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2051	0	0	0.00000E+00	0.00000E+00	-9550.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2053	0	0	0.00000E+00	0.00000E+00	-5831.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2061	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2082	0	0	0.00000E+00	0.00000E+00	-21336.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2084	0	0	0.00000E+00	0.00000E+00	-13028.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2092	0	0	0.00000E+00	0.00000E+00	-14783.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2094	0	0	0.00000E+00	0.00000E+00	-2945.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2098	0	0	0.00000E+00	0.00000E+00	-26762.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2119	0	0	0.00000E+00	0.00000E+00	-73086.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2121	0	0	0.00000E+00	0.00000E+00	-46919.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2126	0	0	0.00000E+00	0.00000E+00	-6580.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2129	0	0	0.00000E+00	0.00000E+00	-19058.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2163	0	0	0.00000E+00	0.00000E+00	-21251.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9283	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9285	0	0	0.00000E+00	0.00000E+00	-6807.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9287	0	0	0.00000E+00	0.00000E+00	-11637.	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 = 9287

L O A D C A S E 4421

LoadID=30 Line=2937 Dir=Fwd Pos=197

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
205	0	0	0.00000E+00	0.00000E+00	-11142.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
212	0	0	0.00000E+00	0.00000E+00	-26025.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2061	0	0	0.00000E+00	0.00000E+00	-36125.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2082	0	0	0.00000E+00	0.00000E+00	-88939.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2084	0	0	0.00000E+00	0.00000E+00	-54306.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2119	0	0	0.00000E+00	0.00000E+00	-40681.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2121	0	0	0.00000E+00	0.00000E+00	-24840.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2126	0	0	0.00000E+00	0.00000E+00	-27430.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2129	0	0	0.00000E+00	0.00000E+00	-84384.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2163	0	0	0.00000E+00	0.00000E+00	-12547.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9283	0	0	0.00000E+00	0.00000E+00	-22058.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9287	0	0	0.00000E+00	0.00000E+00	-51524.	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 = 9287

L O A D C A S E 4422

LoadID=30 Line=2937 Dir=Fwd Pos=198

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
208	0	0	0.00000E+00	0.00000E+00	-12654.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
212	0	0	0.00000E+00	0.00000E+00	-27323.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2082	0	0	0.00000E+00	0.00000E+00	-84036.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2084	0	0	0.00000E+00	0.00000E+00	-51312.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2092	0	0	0.00000E+00	0.00000E+00	-41029.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

2126	0	0	0.00000E+00	0.00000E+00	-25918.	0.00000E+00	0.00000E+00	0.00000E+00
2129	0	0	0.00000E+00	0.00000E+00	-88592.	0.00000E+00	0.00000E+00	0.00000E+00
2150	0	0	0.00000E+00	0.00000E+00	-36473.	0.00000E+00	0.00000E+00	0.00000E+00
2152	0	0	0.00000E+00	0.00000E+00	-22270.	0.00000E+00	0.00000E+00	0.00000E+00
2196	0	0	0.00000E+00	0.00000E+00	-11249.	0.00000E+00	0.00000E+00	0.00000E+00
9285	0	0	0.00000E+00	0.00000E+00	-25052.	0.00000E+00	0.00000E+00	0.00000E+00
9287	0	0	0.00000E+00	0.00000E+00	-54094.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9287

L O A D C A S E 4423

LoadID=30 Line=2937 Dir=Fwd Pos=199

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	-21406.	0.00000E+00	0.00000E+00	0.00000E+00	
209	0	0	0.00000E+00	0.00000E+00	-7661.9	0.00000E+00	0.00000E+00	0.00000E+00	
212	0	0	0.00000E+00	0.00000E+00	-6526.7	0.00000E+00	0.00000E+00	0.00000E+00	
215	0	0	0.00000E+00	0.00000E+00	-2999.1	0.00000E+00	0.00000E+00	0.00000E+00	
2082	0	0	0.00000E+00	0.00000E+00	-18884.	0.00000E+00	0.00000E+00	0.00000E+00	
2084	0	0	0.00000E+00	0.00000E+00	-11531.	0.00000E+00	0.00000E+00	0.00000E+00	
2092	0	0	0.00000E+00	0.00000E+00	-73616.	0.00000E+00	0.00000E+00	0.00000E+00	
2098	0	0	0.00000E+00	0.00000E+00	-25646.	0.00000E+00	0.00000E+00	0.00000E+00	
2119	0	0	0.00000E+00	0.00000E+00	-15039.	0.00000E+00	0.00000E+00	0.00000E+00	
2121	0	0	0.00000E+00	0.00000E+00	-6939.0	0.00000E+00	0.00000E+00	0.00000E+00	
2126	0	0	0.00000E+00	0.00000E+00	-5824.2	0.00000E+00	0.00000E+00	0.00000E+00	
2129	0	0	0.00000E+00	0.00000E+00	-21162.	0.00000E+00	0.00000E+00	0.00000E+00	
2150	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	
2152	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	
2160	0	0	0.00000E+00	0.00000E+00	-9724.2	0.00000E+00	0.00000E+00	0.00000E+00	
2163	0	0	0.00000E+00	0.00000E+00	-6240.5	0.00000E+00	0.00000E+00	0.00000E+00	
2196	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
9285	0	0	0.00000E+00	0.00000E+00	-47212.	0.00000E+00	0.00000E+00	0.00000E+00	
9287	0	0	0.00000E+00	0.00000E+00	-12922.	0.00000E+00	0.00000E+00	0.00000E+00	
9289	0	0	0.00000E+00	0.00000E+00	-5937.5	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9289

L O A D C A S E 4424

LoadID=30 Line=2937 Dir=Fwd Pos=200

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	-13669.	0.00000E+00	0.00000E+00	0.00000E+00	
209	0	0	0.00000E+00	0.00000E+00	-15390.	0.00000E+00	0.00000E+00	0.00000E+00	
215	0	0	0.00000E+00	0.00000E+00	-20268.	0.00000E+00	0.00000E+00	0.00000E+00	
2092	0	0	0.00000E+00	0.00000E+00	-41354.	0.00000E+00	0.00000E+00	0.00000E+00	
2098	0	0	0.00000E+00	0.00000E+00	-56622.	0.00000E+00	0.00000E+00	0.00000E+00	
2119	0	0	0.00000E+00	0.00000E+00	-46784.	0.00000E+00	0.00000E+00	0.00000E+00	
2121	0	0	0.00000E+00	0.00000E+00	-28828.	0.00000E+00	0.00000E+00	0.00000E+00	
2150	0	0	0.00000E+00	0.00000E+00	-59349.	0.00000E+00	0.00000E+00	0.00000E+00	
2152	0	0	0.00000E+00	0.00000E+00	-36238.	0.00000E+00	0.00000E+00	0.00000E+00	
2160	0	0	0.00000E+00	0.00000E+00	-65716.	0.00000E+00	0.00000E+00	0.00000E+00	
2163	0	0	0.00000E+00	0.00000E+00	-14304.	0.00000E+00	0.00000E+00	0.00000E+00	
2196	0	0	0.00000E+00	0.00000E+00	-18304.	0.00000E+00	0.00000E+00	0.00000E+00	
9285	0	0	0.00000E+00	0.00000E+00	-23049.	0.00000E+00	0.00000E+00	0.00000E+00	
9289	0	0	0.00000E+00	0.00000E+00	-40126.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9289

L O A D C A S E 4425

LoadID=30 Line=2937 Dir=Fwd Pos=201

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	-5981.8	0.00000E+00	0.00000E+00	0.00000E+00	
209	0	0	0.00000E+00	0.00000E+00	-7632.0	0.00000E+00	0.00000E+00	0.00000E+00	
212	0	0	0.00000E+00	0.00000E+00	-8211.0	0.00000E+00	0.00000E+00	0.00000E+00	
215	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
2092	0	0	0.00000E+00	0.00000E+00	-13111.	0.00000E+00	0.00000E+00	0.00000E+00	
2098	0	0	0.00000E+00	0.00000E+00	-22961.	0.00000E+00	0.00000E+00	0.00000E+00	
2119	0	0	0.00000E+00	0.00000E+00	-67742.	0.00000E+00	0.00000E+00	0.00000E+00	



2121	0	0	0.00000E+00	0.00000E+00	-46565.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2129	0	0	0.00000E+00	0.00000E+00	-26624.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2150	0	0	0.00000E+00	0.00000E+00	-6540.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2152	0	0	0.00000E+00	0.00000E+00	-3993.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2160	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2163	0	0	0.00000E+00	0.00000E+00	-19319.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2181	0	0	0.00000E+00	0.00000E+00	-24346.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2183	0	0	0.00000E+00	0.00000E+00	-14865.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2196	0	0	0.00000E+00	0.00000E+00	-2017.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2229	0	0	0.00000E+00	0.00000E+00	-7508.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9285	0	0	0.00000E+00	0.00000E+00	-5597.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9287	0	0	0.00000E+00	0.00000E+00	-16256.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9289	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9289

L O A D C A S E 4426

LoadID=30 Line=2937 Dir=Fwd Pos=202

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
212	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
215	0	0	0.00000E+00	0.00000E+00	-9405.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
218	0	0	0.00000E+00	0.00000E+00	-7632.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
219	0	0	0.00000E+00	0.00000E+00	-5934.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2119	0	0	0.00000E+00	0.00000E+00	-28218.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2121	0	0	0.00000E+00	0.00000E+00	-17230.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2129	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2150	0	0	0.00000E+00	0.00000E+00	-2668.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2152	0	0	0.00000E+00	0.00000E+00	-1629.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2160	0	0	0.00000E+00	0.00000E+00	-30496.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2163	0	0	0.00000E+00	0.00000E+00	-8702.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2181	0	0	0.00000E+00	0.00000E+00	-64694.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2183	0	0	0.00000E+00	0.00000E+00	-45446.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2191	0	0	0.00000E+00	0.00000E+00	-21591.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2196	0	0	0.00000E+00	0.00000E+00	-822.90	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2197	0	0	0.00000E+00	0.00000E+00	-12587.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2229	0	0	0.00000E+00	0.00000E+00	-18342.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9287	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9289	0	0	0.00000E+00	0.00000E+00	-18621.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9291	0	0	0.00000E+00	0.00000E+00	-5251.6	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 = 9291

L O A D C A S E 4427

LoadID=30 Line=2937 Dir=Fwd Pos=203

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
212	0	0	0.00000E+00	0.00000E+00	-22656.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
218	0	0	0.00000E+00	0.00000E+00	-15380.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
219	0	0	0.00000E+00	0.00000E+00	-13354.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2129	0	0	0.00000E+00	0.00000E+00	-73461.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2150	0	0	0.00000E+00	0.00000E+00	-51604.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2152	0	0	0.00000E+00	0.00000E+00	-31509.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2181	0	0	0.00000E+00	0.00000E+00	-49279.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2183	0	0	0.00000E+00	0.00000E+00	-32026.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2191	0	0	0.00000E+00	0.00000E+00	-56301.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2196	0	0	0.00000E+00	0.00000E+00	-15915.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2197	0	0	0.00000E+00	0.00000E+00	-38514.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2229	0	0	0.00000E+00	0.00000E+00	-14635.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9287	0	0	0.00000E+00	0.00000E+00	-44855.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9291	0	0	0.00000E+00	0.00000E+00	-20512.	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 = 9291

L O A D C A S E 4428

LoadID=30 Line=2937 Dir=Fwd Pos=204

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
212	0	0	0.00000E+00	0.00000E+00	-4193.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

215	0	0	0.00000E+00	0.00000E+00	-5332.3	0.00000E+00	0.00000E+00	0.00000E+00
218	0	0	0.00000E+00	0.00000E+00	-7696.0	0.00000E+00	0.00000E+00	0.00000E+00
219	0	0	0.00000E+00	0.00000E+00	-22388.	0.00000E+00	0.00000E+00	0.00000E+00
2129	0	0	0.00000E+00	0.00000E+00	-13597.	0.00000E+00	0.00000E+00	0.00000E+00
2150	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00
2152	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00
2160	0	0	0.00000E+00	0.00000E+00	-17290.	0.00000E+00	0.00000E+00	0.00000E+00
2181	0	0	0.00000E+00	0.00000E+00	-16103.	0.00000E+00	0.00000E+00	0.00000E+00
2183	0	0	0.00000E+00	0.00000E+00	-7717.9	0.00000E+00	0.00000E+00	0.00000E+00
2191	0	0	0.00000E+00	0.00000E+00	-27778.	0.00000E+00	0.00000E+00	0.00000E+00
2196	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00
2197	0	0	0.00000E+00	0.00000E+00	-75865.	0.00000E+00	0.00000E+00	0.00000E+00
2218	0	0	0.00000E+00	0.00000E+00	-15012.	0.00000E+00	0.00000E+00	0.00000E+00
2220	0	0	0.00000E+00	0.00000E+00	-9166.1	0.00000E+00	0.00000E+00	0.00000E+00
2229	0	0	0.00000E+00	0.00000E+00	-6350.0	0.00000E+00	0.00000E+00	0.00000E+00
2266	0	0	0.00000E+00	0.00000E+00	-4629.8	0.00000E+00	0.00000E+00	0.00000E+00
9287	0	0	0.00000E+00	0.00000E+00	-8302.1	0.00000E+00	0.00000E+00	0.00000E+00
9289	0	0	0.00000E+00	0.00000E+00	-10557.	0.00000E+00	0.00000E+00	0.00000E+00
9291	0	0	0.00000E+00	0.00000E+00	-47295.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9291

L O A D C A S E 4429

LoadID=30 Line=2937 Dir=Fwd Pos=205

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
215	0	0	0.00000E+00	0.00000E+00	-24934.	0.00000E+00	0.00000E+00	0.00000E+00	
219	0	0	0.00000E+00	0.00000E+00	-15042.	0.00000E+00	0.00000E+00	0.00000E+00	
2150	0	0	0.00000E+00	0.00000E+00	-44218.	0.00000E+00	0.00000E+00	0.00000E+00	
2152	0	0	0.00000E+00	0.00000E+00	-26999.	0.00000E+00	0.00000E+00	0.00000E+00	
2160	0	0	0.00000E+00	0.00000E+00	-80847.	0.00000E+00	0.00000E+00	0.00000E+00	
2196	0	0	0.00000E+00	0.00000E+00	-13637.	0.00000E+00	0.00000E+00	0.00000E+00	
2197	0	0	0.00000E+00	0.00000E+00	-48774.	0.00000E+00	0.00000E+00	0.00000E+00	
2218	0	0	0.00000E+00	0.00000E+00	-76291.	0.00000E+00	0.00000E+00	0.00000E+00	
2220	0	0	0.00000E+00	0.00000E+00	-46583.	0.00000E+00	0.00000E+00	0.00000E+00	
2266	0	0	0.00000E+00	0.00000E+00	-23529.	0.00000E+00	0.00000E+00	0.00000E+00	
9289	0	0	0.00000E+00	0.00000E+00	-49364.	0.00000E+00	0.00000E+00	0.00000E+00	
9291	0	0	0.00000E+00	0.00000E+00	-29781.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9291

L O A D C A S E 4430

LoadID=30 Line=2937 Dir=Fwd Pos=206

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
215	0	0	0.00000E+00	0.00000E+00	-28414.	0.00000E+00	0.00000E+00	0.00000E+00	
219	0	0	0.00000E+00	0.00000E+00	-386.50	0.00000E+00	0.00000E+00	0.00000E+00	
222	0	0	0.00000E+00	0.00000E+00	-9139.3	0.00000E+00	0.00000E+00	0.00000E+00	
2160	0	0	0.00000E+00	0.00000E+00	-92129.	0.00000E+00	0.00000E+00	0.00000E+00	
2181	0	0	0.00000E+00	0.00000E+00	-32936.	0.00000E+00	0.00000E+00	0.00000E+00	
2183	0	0	0.00000E+00	0.00000E+00	-20110.	0.00000E+00	0.00000E+00	0.00000E+00	
2197	0	0	0.00000E+00	0.00000E+00	-1253.2	0.00000E+00	0.00000E+00	0.00000E+00	
2218	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	
2220	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	
2228	0	0	0.00000E+00	0.00000E+00	-29633.	0.00000E+00	0.00000E+00	0.00000E+00	
2229	0	0	0.00000E+00	0.00000E+00	-10158.	0.00000E+00	0.00000E+00	0.00000E+00	
2266	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
9289	0	0	0.00000E+00	0.00000E+00	-56253.	0.00000E+00	0.00000E+00	0.00000E+00	
9291	0	0	0.00000E+00	0.00000E+00	-765.18	0.00000E+00	0.00000E+00	0.00000E+00	
9295	0	0	0.00000E+00	0.00000E+00	-18094.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 15  
LARGEST NODE OR ELEMENT NUMBER = 9295

L O A D C A S E 4431

LoadID=30 Line=2937 Dir=Fwd Pos=207

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
215	0	0	0.00000E+00	0.00000E+00	-7072.1	0.00000E+00	0.00000E+00	0.00000E+00	
218	0	0	0.00000E+00	0.00000E+00	-7646.7	0.00000E+00	0.00000E+00	0.00000E+00	

219	0	0	0.00000E+00	0.00000E+00	-6052.7	0.00000E+00	0.00000E+00	0.00000E+00
222	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00
2160	0	0	0.00000E+00	0.00000E+00	-22931.	0.00000E+00	0.00000E+00	0.00000E+00
2181	0	0	0.00000E+00	0.00000E+00	-70497.	0.00000E+00	0.00000E+00	0.00000E+00
2183	0	0	0.00000E+00	0.00000E+00	-46879.	0.00000E+00	0.00000E+00	0.00000E+00
2191	0	0	0.00000E+00	0.00000E+00	-24691.	0.00000E+00	0.00000E+00	0.00000E+00
2197	0	0	0.00000E+00	0.00000E+00	-13845.	0.00000E+00	0.00000E+00	0.00000E+00
2218	0	0	0.00000E+00	0.00000E+00	-25209.	0.00000E+00	0.00000E+00	0.00000E+00
2220	0	0	0.00000E+00	0.00000E+00	-15392.	0.00000E+00	0.00000E+00	0.00000E+00
2228	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00
2229	0	0	0.00000E+00	0.00000E+00	-20260.	0.00000E+00	0.00000E+00	0.00000E+00
2249	0	0	0.00000E+00	0.00000E+00	-5677.9	0.00000E+00	0.00000E+00	0.00000E+00
2251	0	0	0.00000E+00	0.00000E+00	-3466.9	0.00000E+00	0.00000E+00	0.00000E+00
2266	0	0	0.00000E+00	0.00000E+00	-7774.6	0.00000E+00	0.00000E+00	0.00000E+00
2298	0	0	0.00000E+00	0.00000E+00	-1751.1	0.00000E+00	0.00000E+00	0.00000E+00
9289	0	0	0.00000E+00	0.00000E+00	-14001.	0.00000E+00	0.00000E+00	0.00000E+00
9291	0	0	0.00000E+00	0.00000E+00	-6124.6	0.00000E+00	0.00000E+00	0.00000E+00
9295	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9295

L O A D C A S E 4432

LoadID=30 Line=2937 Dir=Fwd Pos=208

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
218	0	0	0.00000E+00	0.00000E+00	-15388.	0.00000E+00	0.00000E+00	0.00000E+00	
219	0	0	0.00000E+00	0.00000E+00	-13986.	0.00000E+00	0.00000E+00	0.00000E+00	
222	0	0	0.00000E+00	0.00000E+00	-20800.	0.00000E+00	0.00000E+00	0.00000E+00	
2181	0	0	0.00000E+00	0.00000E+00	-44190.	0.00000E+00	0.00000E+00	0.00000E+00	
2183	0	0	0.00000E+00	0.00000E+00	-25877.	0.00000E+00	0.00000E+00	0.00000E+00	
2191	0	0	0.00000E+00	0.00000E+00	-56694.	0.00000E+00	0.00000E+00	0.00000E+00	
2197	0	0	0.00000E+00	0.00000E+00	-44104.	0.00000E+00	0.00000E+00	0.00000E+00	
2228	0	0	0.00000E+00	0.00000E+00	-67442.	0.00000E+00	0.00000E+00	0.00000E+00	
2229	0	0	0.00000E+00	0.00000E+00	-13998.	0.00000E+00	0.00000E+00	0.00000E+00	
2249	0	0	0.00000E+00	0.00000E+00	-57623.	0.00000E+00	0.00000E+00	0.00000E+00	
2251	0	0	0.00000E+00	0.00000E+00	-35184.	0.00000E+00	0.00000E+00	0.00000E+00	
2298	0	0	0.00000E+00	0.00000E+00	-17772.	0.00000E+00	0.00000E+00	0.00000E+00	
9291	0	0	0.00000E+00	0.00000E+00	-25764.	0.00000E+00	0.00000E+00	0.00000E+00	
9295	0	0	0.00000E+00	0.00000E+00	-41179.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9295

L O A D C A S E 4433

LoadID=30 Line=2937 Dir=Fwd Pos=209

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
218	0	0	0.00000E+00	0.00000E+00	-7626.0	0.00000E+00	0.00000E+00	0.00000E+00	
219	0	0	0.00000E+00	0.00000E+00	-20467.	0.00000E+00	0.00000E+00	0.00000E+00	
222	0	0	0.00000E+00	0.00000E+00	-3265.2	0.00000E+00	0.00000E+00	0.00000E+00	
225	0	0	0.00000E+00	0.00000E+00	-6260.6	0.00000E+00	0.00000E+00	0.00000E+00	
2181	0	0	0.00000E+00	0.00000E+00	-14118.	0.00000E+00	0.00000E+00	0.00000E+00	
2183	0	0	0.00000E+00	0.00000E+00	-6262.6	0.00000E+00	0.00000E+00	0.00000E+00	
2191	0	0	0.00000E+00	0.00000E+00	-23701.	0.00000E+00	0.00000E+00	0.00000E+00	
2197	0	0	0.00000E+00	0.00000E+00	-71172.	0.00000E+00	0.00000E+00	0.00000E+00	
2218	0	0	0.00000E+00	0.00000E+00	-22577.	0.00000E+00	0.00000E+00	0.00000E+00	
2220	0	0	0.00000E+00	0.00000E+00	-13786.	0.00000E+00	0.00000E+00	0.00000E+00	
2228	0	0	0.00000E+00	0.00000E+00	-10587.	0.00000E+00	0.00000E+00	0.00000E+00	
2229	0	0	0.00000E+00	0.00000E+00	-6148.7	0.00000E+00	0.00000E+00	0.00000E+00	
2249	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	
2251	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	
2259	0	0	0.00000E+00	0.00000E+00	-20299.	0.00000E+00	0.00000E+00	0.00000E+00	
2266	0	0	0.00000E+00	0.00000E+00	-6963.1	0.00000E+00	0.00000E+00	0.00000E+00	
2298	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
9291	0	0	0.00000E+00	0.00000E+00	-47180.	0.00000E+00	0.00000E+00	0.00000E+00	
9295	0	0	0.00000E+00	0.00000E+00	-6464.4	0.00000E+00	0.00000E+00	0.00000E+00	
9299	0	0	0.00000E+00	0.00000E+00	-12395.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9299

L O A D C A S E 4434

LoadID=30 Line=2937 Dir=Fwd Pos=210

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
219	0	0	0.00000E+00	0.00000E+00	-10376.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
225	0	0	0.00000E+00	0.00000E+00	-26791.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2197	0	0	0.00000E+00	0.00000E+00	-33643.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2218	0	0	0.00000E+00	0.00000E+00	-91422.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2220	0	0	0.00000E+00	0.00000E+00	-55822.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2249	0	0	0.00000E+00	0.00000E+00	-38199.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2251	0	0	0.00000E+00	0.00000E+00	-23324.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2259	0	0	0.00000E+00	0.00000E+00	-86866.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2266	0	0	0.00000E+00	0.00000E+00	-28196.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2298	0	0	0.00000E+00	0.00000E+00	-11781.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9291	0	0	0.00000E+00	0.00000E+00	-20542.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9299	0	0	0.00000E+00	0.00000E+00	-53040.	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 = 9299

L O A D C A S E 4435

LoadID=30 Line=2937 Dir=Fwd Pos=211

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
222	0	0	0.00000E+00	0.00000E+00	-13419.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
225	0	0	0.00000E+00	0.00000E+00	-15089.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
226	0	0	0.00000E+00	0.00000E+00	-15319.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2218	0	0	0.00000E+00	0.00000E+00	-81554.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2220	0	0	0.00000E+00	0.00000E+00	-49796.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2228	0	0	0.00000E+00	0.00000E+00	-43511.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2259	0	0	0.00000E+00	0.00000E+00	-51970.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2265	0	0	0.00000E+00	0.00000E+00	-55059.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2266	0	0	0.00000E+00	0.00000E+00	-25152.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2286	0	0	0.00000E+00	0.00000E+00	-35848.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2288	0	0	0.00000E+00	0.00000E+00	-18255.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2343	0	0	0.00000E+00	0.00000E+00	-13111.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9295	0	0	0.00000E+00	0.00000E+00	-26568.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9299	0	0	0.00000E+00	0.00000E+00	-35349.	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 = 9299

L O A D C A S E 4436

LoadID=30 Line=2937 Dir=Fwd Pos=212

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
222	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
225	0	0	0.00000E+00	0.00000E+00	-6404.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
226	0	0	0.00000E+00	0.00000E+00	-7709.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
229	0	0	0.00000E+00	0.00000E+00	-3381.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2218	0	0	0.00000E+00	0.00000E+00	-17643.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2220	0	0	0.00000E+00	0.00000E+00	-10773.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2228	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2249	0	0	0.00000E+00	0.00000E+00	-13243.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2251	0	0	0.00000E+00	0.00000E+00	-8086.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2259	0	0	0.00000E+00	0.00000E+00	-17073.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2265	0	0	0.00000E+00	0.00000E+00	-30965.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2266	0	0	0.00000E+00	0.00000E+00	-5441.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2286	0	0	0.00000E+00	0.00000E+00	-77664.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2288	0	0	0.00000E+00	0.00000E+00	-47358.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2296	0	0	0.00000E+00	0.00000E+00	-10966.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2298	0	0	0.00000E+00	0.00000E+00	-4084.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2343	0	0	0.00000E+00	0.00000E+00	-23326.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9295	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9299	0	0	0.00000E+00	0.00000E+00	-8456.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9302	0	0	0.00000E+00	0.00000E+00	-6695.5	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 = 9302

L O A D C A S E 4437

LoadID=30 Line=2937 Dir=Fwd Pos=213

CONCENTRATED LOAD

FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
222	0	0	0.00000E+00	0.00000E+00	-16133.	0.00000E+00	0.00000E+00	0.00000E+00
229	0	0	0.00000E+00	0.00000E+00	-21033.	0.00000E+00	0.00000E+00	0.00000E+00
2228	0	0	0.00000E+00	0.00000E+00	-52311.	0.00000E+00	0.00000E+00	0.00000E+00
2249	0	0	0.00000E+00	0.00000E+00	-72754.	0.00000E+00	0.00000E+00	0.00000E+00
2251	0	0	0.00000E+00	0.00000E+00	-44423.	0.00000E+00	0.00000E+00	0.00000E+00
2286	0	0	0.00000E+00	0.00000E+00	-56866.	0.00000E+00	0.00000E+00	0.00000E+00
2288	0	0	0.00000E+00	0.00000E+00	-34722.	0.00000E+00	0.00000E+00	0.00000E+00
2296	0	0	0.00000E+00	0.00000E+00	-68199.	0.00000E+00	0.00000E+00	0.00000E+00
2298	0	0	0.00000E+00	0.00000E+00	-22438.	0.00000E+00	0.00000E+00	0.00000E+00
2343	0	0	0.00000E+00	0.00000E+00	-17538.	0.00000E+00	0.00000E+00	0.00000E+00
9295	0	0	0.00000E+00	0.00000E+00	-31940.	0.00000E+00	0.00000E+00	0.00000E+00
9302	0	0	0.00000E+00	0.00000E+00	-41642.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9302

L O A D C A S E 4438

LoadID=30 Line=2937 Dir=Fwd Pos=214

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
222	0	0	0.00000E+00	0.00000E+00	-931.89	0.00000E+00	0.00000E+00	0.00000E+00	
225	0	0	0.00000E+00	0.00000E+00	-8593.9	0.00000E+00	0.00000E+00	0.00000E+00	
229	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
2228	0	0	0.00000E+00	0.00000E+00	-3021.6	0.00000E+00	0.00000E+00	0.00000E+00	
2249	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	
2251	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	
2259	0	0	0.00000E+00	0.00000E+00	-27865.	0.00000E+00	0.00000E+00	0.00000E+00	
2286	0	0	0.00000E+00	0.00000E+00	-5299.5	0.00000E+00	0.00000E+00	0.00000E+00	
2288	0	0	0.00000E+00	0.00000E+00	-3235.8	0.00000E+00	0.00000E+00	0.00000E+00	
2296	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	
2298	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
2323	0	0	0.00000E+00	0.00000E+00	-25587.	0.00000E+00	0.00000E+00	0.00000E+00	
2325	0	0	0.00000E+00	0.00000E+00	-15623.	0.00000E+00	0.00000E+00	0.00000E+00	
2343	0	0	0.00000E+00	0.00000E+00	-1634.4	0.00000E+00	0.00000E+00	0.00000E+00	
2373	0	0	0.00000E+00	0.00000E+00	-7891.4	0.00000E+00	0.00000E+00	0.00000E+00	
9295	0	0	0.00000E+00	0.00000E+00	-1844.9	0.00000E+00	0.00000E+00	0.00000E+00	
9299	0	0	0.00000E+00	0.00000E+00	-17014.	0.00000E+00	0.00000E+00	0.00000E+00	
9302	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 18  
LARGEST NODE OR ELEMENT NUMBER = 9302

L O A D C A S E 4439

LoadID=30 Line=2937 Dir=Fwd Pos=215

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
225	0	0	0.00000E+00	0.00000E+00	-19349.	0.00000E+00	0.00000E+00	0.00000E+00	
226	0	0	0.00000E+00	0.00000E+00	-7590.7	0.00000E+00	0.00000E+00	0.00000E+00	
229	0	0	0.00000E+00	0.00000E+00	-9022.5	0.00000E+00	0.00000E+00	0.00000E+00	
232	0	0	0.00000E+00	0.00000E+00	-503.23	0.00000E+00	0.00000E+00	0.00000E+00	
2249	0	0	0.00000E+00	0.00000E+00	-26977.	0.00000E+00	0.00000E+00	0.00000E+00	
2251	0	0	0.00000E+00	0.00000E+00	-16472.	0.00000E+00	0.00000E+00	0.00000E+00	
2259	0	0	0.00000E+00	0.00000E+00	-67882.	0.00000E+00	0.00000E+00	0.00000E+00	
2265	0	0	0.00000E+00	0.00000E+00	-21725.	0.00000E+00	0.00000E+00	0.00000E+00	
2286	0	0	0.00000E+00	0.00000E+00	-13223.	0.00000E+00	0.00000E+00	0.00000E+00	
2288	0	0	0.00000E+00	0.00000E+00	-5618.3	0.00000E+00	0.00000E+00	0.00000E+00	
2296	0	0	0.00000E+00	0.00000E+00	-29255.	0.00000E+00	0.00000E+00	0.00000E+00	
2298	0	0	0.00000E+00	0.00000E+00	-8320.0	0.00000E+00	0.00000E+00	0.00000E+00	
2323	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	
2325	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	
2333	0	0	0.00000E+00	0.00000E+00	-1631.7	0.00000E+00	0.00000E+00	0.00000E+00	
2343	0	0	0.00000E+00	0.00000E+00	-6062.8	0.00000E+00	0.00000E+00	0.00000E+00	
2373	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
9299	0	0	0.00000E+00	0.00000E+00	-46781.	0.00000E+00	0.00000E+00	0.00000E+00	
9302	0	0	0.00000E+00	0.00000E+00	-17863.	0.00000E+00	0.00000E+00	0.00000E+00	
9305	0	0	0.00000E+00	0.00000E+00	-996.29	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9305

L O A D C A S E 4440

LoadID=30 Line=2937 Dir=Fwd Pos=216

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
225	0	0	0.00000E+00	0.00000E+00	-14375.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
226	0	0	0.00000E+00	0.00000E+00	-15368.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
232	0	0	0.00000E+00	0.00000E+00	-15276.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2259	0	0	0.00000E+00	0.00000E+00	-47231.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2265	0	0	0.00000E+00	0.00000E+00	-56448.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2286	0	0	0.00000E+00	0.00000E+00	-40972.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2288	0	0	0.00000E+00	0.00000E+00	-22672.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2323	0	0	0.00000E+00	0.00000E+00	-75534.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2325	0	0	0.00000E+00	0.00000E+00	-46121.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2333	0	0	0.00000E+00	0.00000E+00	-49531.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2343	0	0	0.00000E+00	0.00000E+00	-13646.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2373	0	0	0.00000E+00	0.00000E+00	-23296.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9299	0	0	0.00000E+00	0.00000E+00	-29288.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9305	0	0	0.00000E+00	0.00000E+00	-30243.	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 = 9305

L O A D C A S E 4441

LoadID=30 Line=2937 Dir=Fwd Pos=217

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
225	0	0	0.00000E+00	0.00000E+00	-6163.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
226	0	0	0.00000E+00	0.00000E+00	-7672.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
229	0	0	0.00000E+00	0.00000E+00	-5715.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
232	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2259	0	0	0.00000E+00	0.00000E+00	-14920.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2265	0	0	0.00000E+00	0.00000E+00	-27053.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2286	0	0	0.00000E+00	0.00000E+00	-73414.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2288	0	0	0.00000E+00	0.00000E+00	-46923.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2296	0	0	0.00000E+00	0.00000E+00	-18531.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2323	0	0	0.00000E+00	0.00000E+00	-14633.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2325	0	0	0.00000E+00	0.00000E+00	-8935.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2333	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2343	0	0	0.00000E+00	0.00000E+00	-21386.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2354	0	0	0.00000E+00	0.00000E+00	-16253.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2356	0	0	0.00000E+00	0.00000E+00	-9924.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2373	0	0	0.00000E+00	0.00000E+00	-4513.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2406	0	0	0.00000E+00	0.00000E+00	-5012.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9299	0	0	0.00000E+00	0.00000E+00	-6907.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9302	0	0	0.00000E+00	0.00000E+00	-11315.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9305	0	0	0.00000E+00	0.00000E+00	-57505.	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 = 9305

L O A D C A S E 4442

LoadID=30 Line=2937 Dir=Fwd Pos=218

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
229	0	0	0.00000E+00	0.00000E+00	-25700.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
232	0	0	0.00000E+00	0.00000E+00	-14277.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2286	0	0	0.00000E+00	0.00000E+00	-41735.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2288	0	0	0.00000E+00	0.00000E+00	-25483.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2296	0	0	0.00000E+00	0.00000E+00	-83330.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2333	0	0	0.00000E+00	0.00000E+00	-46291.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2343	0	0	0.00000E+00	0.00000E+00	-12872.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2354	0	0	0.00000E+00	0.00000E+00	-78774.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2356	0	0	0.00000E+00	0.00000E+00	-48099.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2406	0	0	0.00000E+00	0.00000E+00	-24295.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9302	0	0	0.00000E+00	0.00000E+00	-50880.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9305	0	0	0.00000E+00	0.00000E+00	-28265.	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 = 9305

L O A D C A S E 4443

LoadID=30 Line=2937 Dir=Fwd Pos=219

CONCENTRATED LOAD

FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ
229	0	0	0.00000E+00	0.00000E+00	-27648.	0.00000E+00	0.00000E+00	0.00000E+00
232	0	0	0.00000E+00	0.00000E+00	-3.6437	0.00000E+00	0.00000E+00	0.00000E+00
235	0	0	0.00000E+00	0.00000E+00	-7731.7	0.00000E+00	0.00000E+00	0.00000E+00
236	0	0	0.00000E+00	0.00000E+00	-6866.9	0.00000E+00	0.00000E+00	0.00000E+00
2296	0	0	0.00000E+00	0.00000E+00	-89646.	0.00000E+00	0.00000E+00	0.00000E+00
2323	0	0	0.00000E+00	0.00000E+00	-35419.	0.00000E+00	0.00000E+00	0.00000E+00
2325	0	0	0.00000E+00	0.00000E+00	-21626.	0.00000E+00	0.00000E+00	0.00000E+00
2333	0	0	0.00000E+00	0.00000E+00	-11.815	0.00000E+00	0.00000E+00	0.00000E+00
2354	0	0	0.00000E+00	0.00000E+00	-83791.	0.00000E+00	0.00000E+00	0.00000E+00
2356	0	0	0.00000E+00	0.00000E+00	-49717.	0.00000E+00	0.00000E+00	0.00000E+00
2364	0	0	0.00000E+00	0.00000E+00	-33432.	0.00000E+00	0.00000E+00	0.00000E+00
2370	0	0	0.00000E+00	0.00000E+00	-20956.	0.00000E+00	0.00000E+00	0.00000E+00
2373	0	0	0.00000E+00	0.00000E+00	-10924.	0.00000E+00	0.00000E+00	0.00000E+00
2406	0	0	0.00000E+00	0.00000E+00	-26185.	0.00000E+00	0.00000E+00	0.00000E+00
9302	0	0	0.00000E+00	0.00000E+00	-54737.	0.00000E+00	0.00000E+00	0.00000E+00
9305	0	0	0.00000E+00	0.00000E+00	-7.2139	0.00000E+00	0.00000E+00	0.00000E+00
9308	0	0	0.00000E+00	0.00000E+00	-11298.	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 17  
LARGEST NODE OR ELEMENT NUMBER = 9308

L O A D C A S E 4444

LoadID=30 Line=2937 Dir=Fwd Pos=220

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
229	0	0	0.00000E+00	0.00000E+00	-6689.3	0.00000E+00	0.00000E+00	0.00000E+00	
232	0	0	0.00000E+00	0.00000E+00	-2836.5	0.00000E+00	0.00000E+00	0.00000E+00	
235	0	0	0.00000E+00	0.00000E+00	-7732.7	0.00000E+00	0.00000E+00	0.00000E+00	
236	0	0	0.00000E+00	0.00000E+00	-14902.	0.00000E+00	0.00000E+00	0.00000E+00	
237	0	0	0.00000E+00	0.00000E+00	-7633.7	0.00000E+00	0.00000E+00	0.00000E+00	
2296	0	0	0.00000E+00	0.00000E+00	-21689.	0.00000E+00	0.00000E+00	0.00000E+00	
2323	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	
2325	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	
2333	0	0	0.00000E+00	0.00000E+00	-9197.2	0.00000E+00	0.00000E+00	0.00000E+00	
2354	0	0	0.00000E+00	0.00000E+00	-18546.	0.00000E+00	0.00000E+00	0.00000E+00	
2356	0	0	0.00000E+00	0.00000E+00	-9492.4	0.00000E+00	0.00000E+00	0.00000E+00	
2364	0	0	0.00000E+00	0.00000E+00	-31719.	0.00000E+00	0.00000E+00	0.00000E+00	
2370	0	0	0.00000E+00	0.00000E+00	-53769.	0.00000E+00	0.00000E+00	0.00000E+00	
2373	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
2376	0	0	0.00000E+00	0.00000E+00	-29449.	0.00000E+00	0.00000E+00	0.00000E+00	
2397	0	0	0.00000E+00	0.00000E+00	-12811.	0.00000E+00	0.00000E+00	0.00000E+00	
2399	0	0	0.00000E+00	0.00000E+00	-5599.0	0.00000E+00	0.00000E+00	0.00000E+00	
2406	0	0	0.00000E+00	0.00000E+00	-6608.4	0.00000E+00	0.00000E+00	0.00000E+00	
2447	0	0	0.00000E+00	0.00000E+00	-5678.4	0.00000E+00	0.00000E+00	0.00000E+00	
9302	0	0	0.00000E+00	0.00000E+00	-13243.	0.00000E+00	0.00000E+00	0.00000E+00	
9305	0	0	0.00000E+00	0.00000E+00	-5615.7	0.00000E+00	0.00000E+00	0.00000E+00	
9308	0	0	0.00000E+00	0.00000E+00	-36060.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 22  
LARGEST NODE OR ELEMENT NUMBER = 9308

L O A D C A S E 4445

LoadID=30 Line=2937 Dir=Fwd Pos=221

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
232	0	0	0.00000E+00	0.00000E+00	-19942.	0.00000E+00	0.00000E+00	0.00000E+00	
236	0	0	0.00000E+00	0.00000E+00	-14894.	0.00000E+00	0.00000E+00	0.00000E+00	
237	0	0	0.00000E+00	0.00000E+00	-14930.	0.00000E+00	0.00000E+00	0.00000E+00	
2323	0	0	0.00000E+00	0.00000E+00	-60403.	0.00000E+00	0.00000E+00	0.00000E+00	
2325	0	0	0.00000E+00	0.00000E+00	-36882.	0.00000E+00	0.00000E+00	0.00000E+00	
2333	0	0	0.00000E+00	0.00000E+00	-64662.	0.00000E+00	0.00000E+00	0.00000E+00	
2370	0	0	0.00000E+00	0.00000E+00	-46869.	0.00000E+00	0.00000E+00	0.00000E+00	
2373	0	0	0.00000E+00	0.00000E+00	-18629.	0.00000E+00	0.00000E+00	0.00000E+00	
2376	0	0	0.00000E+00	0.00000E+00	-47203.	0.00000E+00	0.00000E+00	0.00000E+00	
2397	0	0	0.00000E+00	0.00000E+00	-46716.	0.00000E+00	0.00000E+00	0.00000E+00	
2399	0	0	0.00000E+00	0.00000E+00	-26978.	0.00000E+00	0.00000E+00	0.00000E+00	
2447	0	0	0.00000E+00	0.00000E+00	-14880.	0.00000E+00	0.00000E+00	0.00000E+00	
9305	0	0	0.00000E+00	0.00000E+00	-39482.	0.00000E+00	0.00000E+00	0.00000E+00	
9308	0	0	0.00000E+00	0.00000E+00	-27530.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9308

L O A D C A S E 4446

LoadID=30 Line=2937 Dir=Fwd Pos=222

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
232	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
236	0	0	0.00000E+00	0.00000E+00	-6927.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
237	0	0	0.00000E+00	0.00000E+00	-6951.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
240	0	0	0.00000E+00	0.00000E+00	-6643.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2323	0	0	0.00000E+00	0.00000E+00	-7067.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2325	0	0	0.00000E+00	0.00000E+00	-4315.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2333	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2354	0	0	0.00000E+00	0.00000E+00	-23819.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2356	0	0	0.00000E+00	0.00000E+00	-14544.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2370	0	0	0.00000E+00	0.00000E+00	-15890.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2373	0	0	0.00000E+00	0.00000E+00	-2179.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2376	0	0	0.00000E+00	0.00000E+00	-15992.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2397	0	0	0.00000E+00	0.00000E+00	-75123.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2399	0	0	0.00000E+00	0.00000E+00	-49072.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2406	0	0	0.00000E+00	0.00000E+00	-7346.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2407	0	0	0.00000E+00	0.00000E+00	-21541.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2447	0	0	0.00000E+00	0.00000E+00	-21719.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9305	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9308	0	0	0.00000E+00	0.00000E+00	-6988.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9315	0	0	0.00000E+00	0.00000E+00	-13153.	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 = 9315

LOAD CASE 4447

LoadID=30 Line=2937 Dir=Fwd Pos=223

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
232	0	0	0.00000E+00	0.00000E+00	-9610.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
240	0	0	0.00000E+00	0.00000E+00	-27556.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2333	0	0	0.00000E+00	0.00000E+00	-31160.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2354	0	0	0.00000E+00	0.00000E+00	-93905.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2356	0	0	0.00000E+00	0.00000E+00	-57338.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2397	0	0	0.00000E+00	0.00000E+00	-35716.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2399	0	0	0.00000E+00	0.00000E+00	-21808.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2406	0	0	0.00000E+00	0.00000E+00	-28961.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2407	0	0	0.00000E+00	0.00000E+00	-89349.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2447	0	0	0.00000E+00	0.00000E+00	-11015.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9305	0	0	0.00000E+00	0.00000E+00	-19026.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9315	0	0	0.00000E+00	0.00000E+00	-54556.	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 = 9315

LOAD CASE 4448

LoadID=30 Line=2937 Dir=Fwd Pos=224

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
235	0	0	0.00000E+00	0.00000E+00	-15377.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
236	0	0	0.00000E+00	0.00000E+00	-13313.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
240	0	0	0.00000E+00	0.00000E+00	-25791.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2354	0	0	0.00000E+00	0.00000E+00	-49603.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2356	0	0	0.00000E+00	0.00000E+00	-32457.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2364	0	0	0.00000E+00	0.00000E+00	-56235.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2370	0	0	0.00000E+00	0.00000E+00	-38140.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2406	0	0	0.00000E+00	0.00000E+00	-14682.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2407	0	0	0.00000E+00	0.00000E+00	-83627.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2428	0	0	0.00000E+00	0.00000E+00	-41438.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2430	0	0	0.00000E+00	0.00000E+00	-25302.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2480	0	0	0.00000E+00	0.00000E+00	-12780.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9308	0	0	0.00000E+00	0.00000E+00	-20193.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9315	0	0	0.00000E+00	0.00000E+00	-51062.	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 = 9315

LOAD CASE 4449



LoadID=30 Line=2937 Dir=Fwd Pos=225

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	FORCE MX	FORCE MY
235	0	0	0.00000E+00	0.00000E+00	-7700.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
236	0	0	0.00000E+00	0.00000E+00	-15372.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
237	0	0	0.00000E+00	0.00000E+00	-7683.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
240	0	0	0.00000E+00	0.00000E+00	-5761.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
243	0	0	0.00000E+00	0.00000E+00	-3764.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2354	0	0	0.00000E+00	0.00000E+00	-16250.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2356	0	0	0.00000E+00	0.00000E+00	-7825.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2364	0	0	0.00000E+00	0.00000E+00	-28085.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2370	0	0	0.00000E+00	0.00000E+00	-56516.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2376	0	0	0.00000E+00	0.00000E+00	-28621.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2397	0	0	0.00000E+00	0.00000E+00	-15420.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2399	0	0	0.00000E+00	0.00000E+00	-7285.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2406	0	0	0.00000E+00	0.00000E+00	-6364.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2407	0	0	0.00000E+00	0.00000E+00	-18680.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2428	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2430	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2438	0	0	0.00000E+00	0.00000E+00	-12207.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2447	0	0	0.00000E+00	0.00000E+00	-6198.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2480	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9308	0	0	0.00000E+00	0.00000E+00	-36680.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9315	0	0	0.00000E+00	0.00000E+00	-11406.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9318	0	0	0.00000E+00	0.00000E+00	-7453.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 22  
LARGEST NODE OR ELEMENT NUMBER = 9318

LOAD CASE 4450

LoadID=30 Line=2937 Dir=Fwd Pos=226

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	FORCE MX	FORCE MY
236	0	0	0.00000E+00	0.00000E+00	-14646.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
237	0	0	0.00000E+00	0.00000E+00	-14687.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
243	0	0	0.00000E+00	0.00000E+00	-21799.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2370	0	0	0.00000E+00	0.00000E+00	-42524.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2376	0	0	0.00000E+00	0.00000E+00	-42846.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2397	0	0	0.00000E+00	0.00000E+00	-52978.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2399	0	0	0.00000E+00	0.00000E+00	-33554.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2428	0	0	0.00000E+00	0.00000E+00	-54384.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2430	0	0	0.00000E+00	0.00000E+00	-33206.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2438	0	0	0.00000E+00	0.00000E+00	-70681.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2447	0	0	0.00000E+00	0.00000E+00	-15919.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2480	0	0	0.00000E+00	0.00000E+00	-16773.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9308	0	0	0.00000E+00	0.00000E+00	-22846.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9318	0	0	0.00000E+00	0.00000E+00	-43157.	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 = 9318

LOAD CASE 4451

LoadID=30 Line=2937 Dir=Fwd Pos=227

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	FORCE MX	FORCE MY
236	0	0	0.00000E+00	0.00000E+00	-6702.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
237	0	0	0.00000E+00	0.00000E+00	-6725.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
240	0	0	0.00000E+00	0.00000E+00	-8976.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
243	0	0	0.00000E+00	0.00000E+00	-25152.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
244	0	0	0.00000E+00	0.00000E+00	-7735.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2370	0	0	0.00000E+00	0.00000E+00	-14085.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2376	0	0	0.00000E+00	0.00000E+00	-14168.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2397	0	0	0.00000E+00	0.00000E+00	-69118.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2399	0	0	0.00000E+00	0.00000E+00	-47850.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2407	0	0	0.00000E+00	0.00000E+00	-29106.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2428	0	0	0.00000E+00	0.00000E+00	-4058.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2430	0	0	0.00000E+00	0.00000E+00	-2477.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2438	0	0	0.00000E+00	0.00000E+00	-81560.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2444	0	0	0.00000E+00	0.00000E+00	-32642.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2447	0	0	0.00000E+00	0.00000E+00	-19754.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2465	0	0	0.00000E+00	0.00000E+00	-19504.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2467	0	0	0.00000E+00	0.00000E+00	-10196.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2480	0	0	0.00000E+00	0.00000E+00	-1251.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2518	0	0	0.00000E+00	0.00000E+00	-6712.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9308	0	0	0.00000E+00	0.00000E+00	-5740.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9315	0	0	0.00000E+00	0.00000E+00	-17772.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9318	0	0	0.00000E+00	0.00000E+00	-48709.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 22  
LARGEST NODE OR ELEMENT NUMBER = 9318

L O A D C A S E 4452

LoadID=30 Line=2937 Dir=Fwd Pos=228

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
240	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00		
243	0	0	0.00000E+00	0.00000E+00	-6731.4	0.00000E+00	0.00000E+00	0.00000E+00		
244	0	0	0.00000E+00	0.00000E+00	-7727.9	0.00000E+00	0.00000E+00	0.00000E+00		
247	0	0	0.00000E+00	0.00000E+00	-886.08	0.00000E+00	0.00000E+00	0.00000E+00		
2397	0	0	0.00000E+00	0.00000E+00	-25736.	0.00000E+00	0.00000E+00	0.00000E+00		
2399	0	0	0.00000E+00	0.00000E+00	-15714.	0.00000E+00	0.00000E+00	0.00000E+00		
2407	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00		
2428	0	0	0.00000E+00	0.00000E+00	-5150.9	0.00000E+00	0.00000E+00	0.00000E+00		
2430	0	0	0.00000E+00	0.00000E+00	-3145.1	0.00000E+00	0.00000E+00	0.00000E+00		
2438	0	0	0.00000E+00	0.00000E+00	-19823.	0.00000E+00	0.00000E+00	0.00000E+00		
2444	0	0	0.00000E+00	0.00000E+00	-33336.	0.00000E+00	0.00000E+00	0.00000E+00		
2447	0	0	0.00000E+00	0.00000E+00	-7937.2	0.00000E+00	0.00000E+00	0.00000E+00		
2465	0	0	0.00000E+00	0.00000E+00	-82092.	0.00000E+00	0.00000E+00	0.00000E+00		
2467	0	0	0.00000E+00	0.00000E+00	-48907.	0.00000E+00	0.00000E+00	0.00000E+00		
2475	0	0	0.00000E+00	0.00000E+00	-2873.0	0.00000E+00	0.00000E+00	0.00000E+00		
2480	0	0	0.00000E+00	0.00000E+00	-1588.6	0.00000E+00	0.00000E+00	0.00000E+00		
2518	0	0	0.00000E+00	0.00000E+00	-25427.	0.00000E+00	0.00000E+00	0.00000E+00		
9315	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00		
9318	0	0	0.00000E+00	0.00000E+00	-10443.	0.00000E+00	0.00000E+00	0.00000E+00		
9321	0	0	0.00000E+00	0.00000E+00	-1754.3	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 9321

L O A D C A S E 4453

LoadID=30 Line=2937 Dir=Fwd Pos=229

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
240	0	0	0.00000E+00	0.00000E+00	-21125.	0.00000E+00	0.00000E+00	0.00000E+00		
247	0	0	0.00000E+00	0.00000E+00	-16042.	0.00000E+00	0.00000E+00	0.00000E+00		
2407	0	0	0.00000E+00	0.00000E+00	-68496.	0.00000E+00	0.00000E+00	0.00000E+00		
2428	0	0	0.00000E+00	0.00000E+00	-56569.	0.00000E+00	0.00000E+00	0.00000E+00		
2430	0	0	0.00000E+00	0.00000E+00	-34541.	0.00000E+00	0.00000E+00	0.00000E+00		
2465	0	0	0.00000E+00	0.00000E+00	-73051.	0.00000E+00	0.00000E+00	0.00000E+00		
2467	0	0	0.00000E+00	0.00000E+00	-44605.	0.00000E+00	0.00000E+00	0.00000E+00		
2475	0	0	0.00000E+00	0.00000E+00	-52014.	0.00000E+00	0.00000E+00	0.00000E+00		
2480	0	0	0.00000E+00	0.00000E+00	-17447.	0.00000E+00	0.00000E+00	0.00000E+00		
2518	0	0	0.00000E+00	0.00000E+00	-22530.	0.00000E+00	0.00000E+00	0.00000E+00		
9315	0	0	0.00000E+00	0.00000E+00	-41823.	0.00000E+00	0.00000E+00	0.00000E+00		
9321	0	0	0.00000E+00	0.00000E+00	-31759.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 9321

L O A D C A S E 4454

LoadID=30 Line=2937 Dir=Fwd Pos=230

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
240	0	0	0.00000E+00	0.00000E+00	-3427.7	0.00000E+00	0.00000E+00	0.00000E+00		
243	0	0	0.00000E+00	0.00000E+00	-6098.1	0.00000E+00	0.00000E+00	0.00000E+00		
247	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00		
2407	0	0	0.00000E+00	0.00000E+00	-11114.	0.00000E+00	0.00000E+00	0.00000E+00		
2428	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00		
2430	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00		
2438	0	0	0.00000E+00	0.00000E+00	-19772.	0.00000E+00	0.00000E+00	0.00000E+00		
2465	0	0	0.00000E+00	0.00000E+00	-13392.	0.00000E+00	0.00000E+00	0.00000E+00		
2467	0	0	0.00000E+00	0.00000E+00	-8177.0	0.00000E+00	0.00000E+00	0.00000E+00		
2475	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00		
2480	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00		
2496	0	0	0.00000E+00	0.00000E+00	-17495.	0.00000E+00	0.00000E+00	0.00000E+00		
2498	0	0	0.00000E+00	0.00000E+00	-10682.	0.00000E+00	0.00000E+00	0.00000E+00		
2518	0	0	0.00000E+00	0.00000E+00	-4130.2	0.00000E+00	0.00000E+00	0.00000E+00		
2550	0	0	0.00000E+00	0.00000E+00	-5395.5	0.00000E+00	0.00000E+00	0.00000E+00		
9315	0	0	0.00000E+00	0.00000E+00	-6786.2	0.00000E+00	0.00000E+00	0.00000E+00		
9318	0	0	0.00000E+00	0.00000E+00	-12073.	0.00000E+00	0.00000E+00	0.00000E+00		
9321	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 18

LARGEST NODE OR ELEMENT NUMBER = 9321

LOAD CASE 4455

LoadID=30 Line=2937 Dir=Fwd Pos=231

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
243	0	0	0.00000E+00	0.00000E+00	-26466.	0.00000E+00	0.00000E+00	0.00000E+00	
247	0	0	0.00000E+00	0.00000E+00	-13511.	0.00000E+00	0.00000E+00	0.00000E+00	
2428	0	0	0.00000E+00	0.00000E+00	-39253.	0.00000E+00	0.00000E+00	0.00000E+00	
2430	0	0	0.00000E+00	0.00000E+00	-23967.	0.00000E+00	0.00000E+00	0.00000E+00	
2438	0	0	0.00000E+00	0.00000E+00	-85812.	0.00000E+00	0.00000E+00	0.00000E+00	
2475	0	0	0.00000E+00	0.00000E+00	-43808.	0.00000E+00	0.00000E+00	0.00000E+00	
2480	0	0	0.00000E+00	0.00000E+00	-12106.	0.00000E+00	0.00000E+00	0.00000E+00	
2496	0	0	0.00000E+00	0.00000E+00	-81257.	0.00000E+00	0.00000E+00	0.00000E+00	
2498	0	0	0.00000E+00	0.00000E+00	-49615.	0.00000E+00	0.00000E+00	0.00000E+00	
2550	0	0	0.00000E+00	0.00000E+00	-25060.	0.00000E+00	0.00000E+00	0.00000E+00	
9318	0	0	0.00000E+00	0.00000E+00	-52396.	0.00000E+00	0.00000E+00	0.00000E+00	
9321	0	0	0.00000E+00	0.00000E+00	-26749.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9321

LOAD CASE 4456

LoadID=30 Line=2937 Dir=Fwd Pos=232

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
243	0	0	0.00000E+00	0.00000E+00	-15144.	0.00000E+00	0.00000E+00	0.00000E+00	
244	0	0	0.00000E+00	0.00000E+00	-15316.	0.00000E+00	0.00000E+00	0.00000E+00	
250	0	0	0.00000E+00	0.00000E+00	-10284.	0.00000E+00	0.00000E+00	0.00000E+00	
2438	0	0	0.00000E+00	0.00000E+00	-52290.	0.00000E+00	0.00000E+00	0.00000E+00	
2444	0	0	0.00000E+00	0.00000E+00	-54904.	0.00000E+00	0.00000E+00	0.00000E+00	
2465	0	0	0.00000E+00	0.00000E+00	-35539.	0.00000E+00	0.00000E+00	0.00000E+00	
2467	0	0	0.00000E+00	0.00000E+00	-18009.	0.00000E+00	0.00000E+00	0.00000E+00	
2496	0	0	0.00000E+00	0.00000E+00	-91719.	0.00000E+00	0.00000E+00	0.00000E+00	
2498	0	0	0.00000E+00	0.00000E+00	-56003.	0.00000E+00	0.00000E+00	0.00000E+00	
2506	0	0	0.00000E+00	0.00000E+00	-33346.	0.00000E+00	0.00000E+00	0.00000E+00	
2518	0	0	0.00000E+00	0.00000E+00	-13080.	0.00000E+00	0.00000E+00	0.00000E+00	
2550	0	0	0.00000E+00	0.00000E+00	-28287.	0.00000E+00	0.00000E+00	0.00000E+00	
9318	0	0	0.00000E+00	0.00000E+00	-35719.	0.00000E+00	0.00000E+00	0.00000E+00	
9324	0	0	0.00000E+00	0.00000E+00	-20361.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9324

LOAD CASE 4457

LoadID=30 Line=2937 Dir=Fwd Pos=233

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
243	0	0	0.00000E+00	0.00000E+00	-6422.4	0.00000E+00	0.00000E+00	0.00000E+00	
244	0	0	0.00000E+00	0.00000E+00	-7711.2	0.00000E+00	0.00000E+00	0.00000E+00	
247	0	0	0.00000E+00	0.00000E+00	-3219.4	0.00000E+00	0.00000E+00	0.00000E+00	
250	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
2438	0	0	0.00000E+00	0.00000E+00	-17233.	0.00000E+00	0.00000E+00	0.00000E+00	
2444	0	0	0.00000E+00	0.00000E+00	-31211.	0.00000E+00	0.00000E+00	0.00000E+00	
2465	0	0	0.00000E+00	0.00000E+00	-77939.	0.00000E+00	0.00000E+00	0.00000E+00	
2467	0	0	0.00000E+00	0.00000E+00	-47420.	0.00000E+00	0.00000E+00	0.00000E+00	
2475	0	0	0.00000E+00	0.00000E+00	-10439.	0.00000E+00	0.00000E+00	0.00000E+00	
2496	0	0	0.00000E+00	0.00000E+00	-22726.	0.00000E+00	0.00000E+00	0.00000E+00	
2498	0	0	0.00000E+00	0.00000E+00	-13876.	0.00000E+00	0.00000E+00	0.00000E+00	
2506	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	
2518	0	0	0.00000E+00	0.00000E+00	-23461.	0.00000E+00	0.00000E+00	0.00000E+00	
2527	0	0	0.00000E+00	0.00000E+00	-8160.7	0.00000E+00	0.00000E+00	0.00000E+00	
2529	0	0	0.00000E+00	0.00000E+00	-4982.8	0.00000E+00	0.00000E+00	0.00000E+00	
2550	0	0	0.00000E+00	0.00000E+00	-7008.9	0.00000E+00	0.00000E+00	0.00000E+00	
2584	0	0	0.00000E+00	0.00000E+00	-2516.8	0.00000E+00	0.00000E+00	0.00000E+00	
9318	0	0	0.00000E+00	0.00000E+00	-8570.8	0.00000E+00	0.00000E+00	0.00000E+00	
9321	0	0	0.00000E+00	0.00000E+00	-6373.7	0.00000E+00	0.00000E+00	0.00000E+00	
9324	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9324

L O A D C A S E 4458

LoadID=30 Line=2937 Dir=Fwd Pos=234

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNC	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
247	0	0	0.00000E+00	0.00000E+00	-20708.	0.00000E+00	0.00000E+00	0.00000E+00		
250	0	0	0.00000E+00	0.00000E+00	-19268.	0.00000E+00	0.00000E+00	0.00000E+00		
2465	0	0	0.00000E+00	0.00000E+00	-57920.	0.00000E+00	0.00000E+00	0.00000E+00		
2467	0	0	0.00000E+00	0.00000E+00	-35366.	0.00000E+00	0.00000E+00	0.00000E+00		
2475	0	0	0.00000E+00	0.00000E+00	-67145.	0.00000E+00	0.00000E+00	0.00000E+00		
2506	0	0	0.00000E+00	0.00000E+00	-62476.	0.00000E+00	0.00000E+00	0.00000E+00		
2518	0	0	0.00000E+00	0.00000E+00	-17863.	0.00000E+00	0.00000E+00	0.00000E+00		
2527	0	0	0.00000E+00	0.00000E+00	-62589.	0.00000E+00	0.00000E+00	0.00000E+00		
2529	0	0	0.00000E+00	0.00000E+00	-38216.	0.00000E+00	0.00000E+00	0.00000E+00		
2584	0	0	0.00000E+00	0.00000E+00	-19303.	0.00000E+00	0.00000E+00	0.00000E+00		
9321	0	0	0.00000E+00	0.00000E+00	-40998.	0.00000E+00	0.00000E+00	0.00000E+00		
9324	0	0	0.00000E+00	0.00000E+00	-38147.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
 LARGEST NODE OR ELEMENT NUMBER = 9324

L O A D C A S E 4459

LoadID=30 Line=2937 Dir=Fwd Pos=235

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNC	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
247	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00		
250	0	0	0.00000E+00	0.00000E+00	-2499.5	0.00000E+00	0.00000E+00	0.00000E+00		
253	0	0	0.00000E+00	0.00000E+00	-7718.3	0.00000E+00	0.00000E+00	0.00000E+00		
254	0	0	0.00000E+00	0.00000E+00	-6512.2	0.00000E+00	0.00000E+00	0.00000E+00		
2465	0	0	0.00000E+00	0.00000E+00	-5826.5	0.00000E+00	0.00000E+00	0.00000E+00		
2467	0	0	0.00000E+00	0.00000E+00	-3557.6	0.00000E+00	0.00000E+00	0.00000E+00		
2475	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00		
2496	0	0	0.00000E+00	0.00000E+00	-25060.	0.00000E+00	0.00000E+00	0.00000E+00		
2498	0	0	0.00000E+00	0.00000E+00	-15302.	0.00000E+00	0.00000E+00	0.00000E+00		
2506	0	0	0.00000E+00	0.00000E+00	-8104.4	0.00000E+00	0.00000E+00	0.00000E+00		
2518	0	0	0.00000E+00	0.00000E+00	-1796.9	0.00000E+00	0.00000E+00	0.00000E+00		
2527	0	0	0.00000E+00	0.00000E+00	-79194.	0.00000E+00	0.00000E+00	0.00000E+00		
2529	0	0	0.00000E+00	0.00000E+00	-47775.	0.00000E+00	0.00000E+00	0.00000E+00		
2537	0	0	0.00000E+00	0.00000E+00	-32091.	0.00000E+00	0.00000E+00	0.00000E+00		
2543	0	0	0.00000E+00	0.00000E+00	-17984.	0.00000E+00	0.00000E+00	0.00000E+00		
2550	0	0	0.00000E+00	0.00000E+00	-7728.8	0.00000E+00	0.00000E+00	0.00000E+00		
2584	0	0	0.00000E+00	0.00000E+00	-24065.	0.00000E+00	0.00000E+00	0.00000E+00		
9321	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00		
9324	0	0	0.00000E+00	0.00000E+00	-4948.5	0.00000E+00	0.00000E+00	0.00000E+00		
9327	0	0	0.00000E+00	0.00000E+00	-9107.0	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 9327

L O A D C A S E 4460

LoadID=30 Line=2937 Dir=Fwd Pos=236

CONCENTRATED LOAD										
FIRST NODE	LAST NODE	DIFF RNC	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ		
247	0	0	0.00000E+00	0.00000E+00	-9185.1	0.00000E+00	0.00000E+00	0.00000E+00		
250	0	0	0.00000E+00	0.00000E+00	-340.69	0.00000E+00	0.00000E+00	0.00000E+00		
253	0	0	0.00000E+00	0.00000E+00	-15312.	0.00000E+00	0.00000E+00	0.00000E+00		
254	0	0	0.00000E+00	0.00000E+00	-15381.	0.00000E+00	0.00000E+00	0.00000E+00		
2475	0	0	0.00000E+00	0.00000E+00	-29782.	0.00000E+00	0.00000E+00	0.00000E+00		
2496	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00		
2498	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00		
2506	0	0	0.00000E+00	0.00000E+00	-1104.7	0.00000E+00	0.00000E+00	0.00000E+00		
2527	0	0	0.00000E+00	0.00000E+00	-34255.	0.00000E+00	0.00000E+00	0.00000E+00		
2529	0	0	0.00000E+00	0.00000E+00	-17022.	0.00000E+00	0.00000E+00	0.00000E+00		
2537	0	0	0.00000E+00	0.00000E+00	-54257.	0.00000E+00	0.00000E+00	0.00000E+00		
2543	0	0	0.00000E+00	0.00000E+00	-53681.	0.00000E+00	0.00000E+00	0.00000E+00		
2550	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00		
2584	0	0	0.00000E+00	0.00000E+00	-12944.	0.00000E+00	0.00000E+00	0.00000E+00		
9321	0	0	0.00000E+00	0.00000E+00	-18185.	0.00000E+00	0.00000E+00	0.00000E+00		
9324	0	0	0.00000E+00	0.00000E+00	-674.50	0.00000E+00	0.00000E+00	0.00000E+00		
9327	0	0	0.00000E+00	0.00000E+00	-37149.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 17  
 LARGEST NODE OR ELEMENT NUMBER = 9327

L O A D C A S E 4461

LoadID=30 Line=2937 Dir=Fwd Pos=237

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	-14951.	0.00000E+00	0.00000E+00	0.00000E+00		
254	0	0	0.00000E+00	0.00000E+00	-25026.	0.00000E+00	0.00000E+00	0.00000E+00		
2496	0	0	0.00000E+00	0.00000E+00	-76588.	0.00000E+00	0.00000E+00	0.00000E+00		
2498	0	0	0.00000E+00	0.00000E+00	-46764.	0.00000E+00	0.00000E+00	0.00000E+00		
2506	0	0	0.00000E+00	0.00000E+00	-48477.	0.00000E+00	0.00000E+00	0.00000E+00		
2543	0	0	0.00000E+00	0.00000E+00	-81144.	0.00000E+00	0.00000E+00	0.00000E+00		
2550	0	0	0.00000E+00	0.00000E+00	-23621.	0.00000E+00	0.00000E+00	0.00000E+00		
2564	0	0	0.00000E+00	0.00000E+00	-43921.	0.00000E+00	0.00000E+00	0.00000E+00		
2566	0	0	0.00000E+00	0.00000E+00	-26818.	0.00000E+00	0.00000E+00	0.00000E+00		
2619	0	0	0.00000E+00	0.00000E+00	-13546.	0.00000E+00	0.00000E+00	0.00000E+00		
9324	0	0	0.00000E+00	0.00000E+00	-29600.	0.00000E+00	0.00000E+00	0.00000E+00		
9327	0	0	0.00000E+00	0.00000E+00	-49546.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9327

L O A D C A S E 4462

LoadID=30 Line=2937 Dir=Fwd Pos=238

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	-29046.	0.00000E+00	0.00000E+00	0.00000E+00		
254	0	0	0.00000E+00	0.00000E+00	-5378.2	0.00000E+00	0.00000E+00	0.00000E+00		
257	0	0	0.00000E+00	0.00000E+00	-4147.6	0.00000E+00	0.00000E+00	0.00000E+00		
2496	0	0	0.00000E+00	0.00000E+00	-15160.	0.00000E+00	0.00000E+00	0.00000E+00		
2498	0	0	0.00000E+00	0.00000E+00	-9256.8	0.00000E+00	0.00000E+00	0.00000E+00		
2506	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00		
2527	0	0	0.00000E+00	0.00000E+00	-15726.	0.00000E+00	0.00000E+00	0.00000E+00		
2529	0	0	0.00000E+00	0.00000E+00	-9602.3	0.00000E+00	0.00000E+00	0.00000E+00		
2543	0	0	0.00000E+00	0.00000E+00	-17438.	0.00000E+00	0.00000E+00	0.00000E+00		
2550	0	0	0.00000E+00	0.00000E+00	-4675.6	0.00000E+00	0.00000E+00	0.00000E+00		
2564	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00		
2566	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00		
2574	0	0	0.00000E+00	0.00000E+00	-13448.	0.00000E+00	0.00000E+00	0.00000E+00		
2584	0	0	0.00000E+00	0.00000E+00	-4850.1	0.00000E+00	0.00000E+00	0.00000E+00		
2619	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00		
9324	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00		
9327	0	0	0.00000E+00	0.00000E+00	-10648.	0.00000E+00	0.00000E+00	0.00000E+00		
9333	0	0	0.00000E+00	0.00000E+00	-8211.4	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 18  
LARGEST NODE OR ELEMENT NUMBER = 9333

L O A D C A S E 4463

LoadID=30 Line=2937 Dir=Fwd Pos=239

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	-14602.	0.00000E+00	0.00000E+00	0.00000E+00		
257	0	0	0.00000E+00	0.00000E+00	-22565.	0.00000E+00	0.00000E+00	0.00000E+00		
2506	0	0	0.00000E+00	0.00000E+00	-47345.	0.00000E+00	0.00000E+00	0.00000E+00		
2527	0	0	0.00000E+00	0.00000E+00	-77720.	0.00000E+00	0.00000E+00	0.00000E+00		
2529	0	0	0.00000E+00	0.00000E+00	-47455.	0.00000E+00	0.00000E+00	0.00000E+00		
2564	0	0	0.00000E+00	0.00000E+00	-51901.	0.00000E+00	0.00000E+00	0.00000E+00		
2566	0	0	0.00000E+00	0.00000E+00	-31690.	0.00000E+00	0.00000E+00	0.00000E+00		
2574	0	0	0.00000E+00	0.00000E+00	-73164.	0.00000E+00	0.00000E+00	0.00000E+00		
2584	0	0	0.00000E+00	0.00000E+00	-23970.	0.00000E+00	0.00000E+00	0.00000E+00		
2619	0	0	0.00000E+00	0.00000E+00	-16007.	0.00000E+00	0.00000E+00	0.00000E+00		
9324	0	0	0.00000E+00	0.00000E+00	-28909.	0.00000E+00	0.00000E+00	0.00000E+00		
9333	0	0	0.00000E+00	0.00000E+00	-44673.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9333

L O A D C A S E 4464

LoadID=30 Line=2937 Dir=Fwd Pos=240

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
250	0	0	0.00000E+00	0.00000E+00	-166.18	0.00000E+00	0.00000E+00	0.00000E+00	
253	0	0	0.00000E+00	0.00000E+00	-7731.1	0.00000E+00	0.00000E+00	0.00000E+00	
254	0	0	0.00000E+00	0.00000E+00	-6841.2	0.00000E+00	0.00000E+00	0.00000E+00	
257	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00	
2506	0	0	0.00000E+00	0.00000E+00	-538.83	0.00000E+00	0.00000E+00	0.00000E+00	
2527	0	0	0.00000E+00	0.00000E+00	-83472.	0.00000E+00	0.00000E+00	0.00000E+00	
2529	0	0	0.00000E+00	0.00000E+00	-49559.	0.00000E+00	0.00000E+00	0.00000E+00	
2537	0	0	0.00000E+00	0.00000E+00	-33446.	0.00000E+00	0.00000E+00	0.00000E+00	
2543	0	0	0.00000E+00	0.00000E+00	-20740.	0.00000E+00	0.00000E+00	0.00000E+00	
2564	0	0	0.00000E+00	0.00000E+00	-2816.7	0.00000E+00	0.00000E+00	0.00000E+00	
2566	0	0	0.00000E+00	0.00000E+00	-1719.9	0.00000E+00	0.00000E+00	0.00000E+00	
2574	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00	
2584	0	0	0.00000E+00	0.00000E+00	-26045.	0.00000E+00	0.00000E+00	0.00000E+00	
2595	0	0	0.00000E+00	0.00000E+00	-28070.	0.00000E+00	0.00000E+00	0.00000E+00	
2597	0	0	0.00000E+00	0.00000E+00	-17139.	0.00000E+00	0.00000E+00	0.00000E+00	
2619	0	0	0.00000E+00	0.00000E+00	-868.71	0.00000E+00	0.00000E+00	0.00000E+00	
2651	0	0	0.00000E+00	0.00000E+00	-8657.1	0.00000E+00	0.00000E+00	0.00000E+00	
9324	0	0	0.00000E+00	0.00000E+00	-329.00	0.00000E+00	0.00000E+00	0.00000E+00	
9327	0	0	0.00000E+00	0.00000E+00	-11133.	0.00000E+00	0.00000E+00	0.00000E+00	
9333	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 9333

L O A D C A S E 4465

LoadID=30 Line=2937 Dir=Fwd Pos=241

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
253	0	0	0.00000E+00	0.00000E+00	-7733.4	0.00000E+00	0.00000E+00	0.00000E+00	
254	0	0	0.00000E+00	0.00000E+00	-24559.	0.00000E+00	0.00000E+00	0.00000E+00	
257	0	0	0.00000E+00	0.00000E+00	-8256.8	0.00000E+00	0.00000E+00	0.00000E+00	
260	0	0	0.00000E+00	0.00000E+00	-7208.9	0.00000E+00	0.00000E+00	0.00000E+00	
261	0	0	0.00000E+00	0.00000E+00	-6454.4	0.00000E+00	0.00000E+00	0.00000E+00	
2527	0	0	0.00000E+00	0.00000E+00	-18715.	0.00000E+00	0.00000E+00	0.00000E+00	
2529	0	0	0.00000E+00	0.00000E+00	-9616.5	0.00000E+00	0.00000E+00	0.00000E+00	
2537	0	0	0.00000E+00	0.00000E+00	-31923.	0.00000E+00	0.00000E+00	0.00000E+00	
2543	0	0	0.00000E+00	0.00000E+00	-80325.	0.00000E+00	0.00000E+00	0.00000E+00	
2564	0	0	0.00000E+00	0.00000E+00	-6392.3	0.00000E+00	0.00000E+00	0.00000E+00	
2566	0	0	0.00000E+00	0.00000E+00	-3903.1	0.00000E+00	0.00000E+00	0.00000E+00	
2574	0	0	0.00000E+00	0.00000E+00	-26772.	0.00000E+00	0.00000E+00	0.00000E+00	
2584	0	0	0.00000E+00	0.00000E+00	-6626.3	0.00000E+00	0.00000E+00	0.00000E+00	
2595	0	0	0.00000E+00	0.00000E+00	-70152.	0.00000E+00	0.00000E+00	0.00000E+00	
2597	0	0	0.00000E+00	0.00000E+00	-48106.	0.00000E+00	0.00000E+00	0.00000E+00	
2605	0	0	0.00000E+00	0.00000E+00	-17036.	0.00000E+00	0.00000E+00	0.00000E+00	
2611	0	0	0.00000E+00	0.00000E+00	-13850.	0.00000E+00	0.00000E+00	0.00000E+00	
2619	0	0	0.00000E+00	0.00000E+00	-1971.5	0.00000E+00	0.00000E+00	0.00000E+00	
2651	0	0	0.00000E+00	0.00000E+00	-20045.	0.00000E+00	0.00000E+00	0.00000E+00	
8992	0	0	0.00000E+00	0.00000E+00	-5772.1	0.00000E+00	0.00000E+00	0.00000E+00	
9327	0	0	0.00000E+00	0.00000E+00	-48235.	0.00000E+00	0.00000E+00	0.00000E+00	
9333	0	0	0.00000E+00	0.00000E+00	-16347.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 22  
 LARGEST NODE OR ELEMENT NUMBER = 9333

L O A D C A S E 4466

LoadID=30 Line=2937 Dir=Fwd Pos=242

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
254	0	0	0.00000E+00	0.00000E+00	-20359.	0.00000E+00	0.00000E+00	0.00000E+00	
260	0	0	0.00000E+00	0.00000E+00	-15176.	0.00000E+00	0.00000E+00	0.00000E+00	
261	0	0	0.00000E+00	0.00000E+00	-14048.	0.00000E+00	0.00000E+00	0.00000E+00	
2543	0	0	0.00000E+00	0.00000E+00	-66013.	0.00000E+00	0.00000E+00	0.00000E+00	
2564	0	0	0.00000E+00	0.00000E+00	-59052.	0.00000E+00	0.00000E+00	0.00000E+00	
2566	0	0	0.00000E+00	0.00000E+00	-36057.	0.00000E+00	0.00000E+00	0.00000E+00	
2595	0	0	0.00000E+00	0.00000E+00	-49559.	0.00000E+00	0.00000E+00	0.00000E+00	
2597	0	0	0.00000E+00	0.00000E+00	-30739.	0.00000E+00	0.00000E+00	0.00000E+00	
2605	0	0	0.00000E+00	0.00000E+00	-51850.	0.00000E+00	0.00000E+00	0.00000E+00	
2611	0	0	0.00000E+00	0.00000E+00	-41413.	0.00000E+00	0.00000E+00	0.00000E+00	
2619	0	0	0.00000E+00	0.00000E+00	-18212.	0.00000E+00	0.00000E+00	0.00000E+00	
2651	0	0	0.00000E+00	0.00000E+00	-15021.	0.00000E+00	0.00000E+00	0.00000E+00	
8992	0	0	0.00000E+00	0.00000E+00	-22194.	0.00000E+00	0.00000E+00	0.00000E+00	
9327	0	0	0.00000E+00	0.00000E+00	-40307.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9327

L O A D C A S E 4467

LoadID=30 Line=2937 Dir=Fwd Pos=243

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
254	0	0	0.00000E+00	0.00000E+00	-3044.9	0.00000E+00	0.00000E+00	0.00000E+00		
257	0	0	0.00000E+00	0.00000E+00	-6480.9	0.00000E+00	0.00000E+00	0.00000E+00		
260	0	0	0.00000E+00	0.00000E+00	-7671.8	0.00000E+00	0.00000E+00	0.00000E+00		
261	0	0	0.00000E+00	0.00000E+00	-13113.	0.00000E+00	0.00000E+00	0.00000E+00		
262	0	0	0.00000E+00	0.00000E+00	-5647.3	0.00000E+00	0.00000E+00	0.00000E+00		
263	0	0	0.00000E+00	0.00000E+00	-5626.6	0.00000E+00	0.00000E+00	0.00000E+00		
2543	0	0	0.00000E+00	0.00000E+00	-9872.7	0.00000E+00	0.00000E+00	0.00000E+00		
2564	0	0	0.00000E+00	0.00000E+00	-94178.	0.00000E+00	0.00000E+00	0.00000E+00		
2566	0	0	0.00000E+00	0.00000E+00	-57505.	0.00000E+00	0.00000E+00	0.00000E+00		
2574	0	0	0.00000E+00	0.00000E+00	-21014.	0.00000E+00	0.00000E+00	0.00000E+00		
2595	0	0	0.00000E+00	0.00000E+00	-14426.	0.00000E+00	0.00000E+00	0.00000E+00		
2597	0	0	0.00000E+00	0.00000E+00	-6745.3	0.00000E+00	0.00000E+00	0.00000E+00		
2605	0	0	0.00000E+00	0.00000E+00	-31770.	0.00000E+00	0.00000E+00	0.00000E+00		
2611	0	0	0.00000E+00	0.00000E+00	-49635.	0.00000E+00	0.00000E+00	0.00000E+00		
2617	0	0	0.00000E+00	0.00000E+00	-22035.	0.00000E+00	0.00000E+00	0.00000E+00		
2619	0	0	0.00000E+00	0.00000E+00	-29046.	0.00000E+00	0.00000E+00	0.00000E+00		
2623	0	0	0.00000E+00	0.00000E+00	-21686.	0.00000E+00	0.00000E+00	0.00000E+00		
2644	0	0	0.00000E+00	0.00000E+00	-12542.	0.00000E+00	0.00000E+00	0.00000E+00		
2646	0	0	0.00000E+00	0.00000E+00	-6389.9	0.00000E+00	0.00000E+00	0.00000E+00		
2651	0	0	0.00000E+00	0.00000E+00	-5920.2	0.00000E+00	0.00000E+00	0.00000E+00		
2704	0	0	0.00000E+00	0.00000E+00	-4642.4	0.00000E+00	0.00000E+00	0.00000E+00		
8992	0	0	0.00000E+00	0.00000E+00	-32149.	0.00000E+00	0.00000E+00	0.00000E+00		
9327	0	0	0.00000E+00	0.00000E+00	-6028.2	0.00000E+00	0.00000E+00	0.00000E+00		
9333	0	0	0.00000E+00	0.00000E+00	-12831.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 24  
LARGEST NODE OR ELEMENT NUMBER = 9333

L O A D C A S E 4468

LoadID=30 Line=2937 Dir=Fwd Pos=244

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
257	0	0	0.00000E+00	0.00000E+00	-27231.	0.00000E+00	0.00000E+00	0.00000E+00		
261	0	0	0.00000E+00	0.00000E+00	-10326.	0.00000E+00	0.00000E+00	0.00000E+00		
262	0	0	0.00000E+00	0.00000E+00	-10393.	0.00000E+00	0.00000E+00	0.00000E+00		
263	0	0	0.00000E+00	0.00000E+00	-12047.	0.00000E+00	0.00000E+00	0.00000E+00		
2564	0	0	0.00000E+00	0.00000E+00	-36770.	0.00000E+00	0.00000E+00	0.00000E+00		
2566	0	0	0.00000E+00	0.00000E+00	-22451.	0.00000E+00	0.00000E+00	0.00000E+00		
2574	0	0	0.00000E+00	0.00000E+00	-88295.	0.00000E+00	0.00000E+00	0.00000E+00		
2611	0	0	0.00000E+00	0.00000E+00	-31073.	0.00000E+00	0.00000E+00	0.00000E+00		
2617	0	0	0.00000E+00	0.00000E+00	-31604.	0.00000E+00	0.00000E+00	0.00000E+00		
2619	0	0	0.00000E+00	0.00000E+00	-11340.	0.00000E+00	0.00000E+00	0.00000E+00		
2623	0	0	0.00000E+00	0.00000E+00	-47031.	0.00000E+00	0.00000E+00	0.00000E+00		
2644	0	0	0.00000E+00	0.00000E+00	-41763.	0.00000E+00	0.00000E+00	0.00000E+00		
2646	0	0	0.00000E+00	0.00000E+00	-27045.	0.00000E+00	0.00000E+00	0.00000E+00		
2704	0	0	0.00000E+00	0.00000E+00	-11501.	0.00000E+00	0.00000E+00	0.00000E+00		
8992	0	0	0.00000E+00	0.00000E+00	-17217.	0.00000E+00	0.00000E+00	0.00000E+00		
9333	0	0	0.00000E+00	0.00000E+00	-53912.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 16  
LARGEST NODE OR ELEMENT NUMBER = 9333

L O A D C A S E 4469

LoadID=30 Line=2937 Dir=Fwd Pos=245

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE	FORCE		FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
257	0	0	0.00000E+00	0.00000E+00	-26116.	0.00000E+00	0.00000E+00	0.00000E+00		
261	0	0	0.00000E+00	0.00000E+00	-4805.4	0.00000E+00	0.00000E+00	0.00000E+00		
262	0	0	0.00000E+00	0.00000E+00	-4843.0	0.00000E+00	0.00000E+00	0.00000E+00		
263	0	0	0.00000E+00	0.00000E+00	-6258.0	0.00000E+00	0.00000E+00	0.00000E+00		
266	0	0	0.00000E+00	0.00000E+00	-9382.7	0.00000E+00	0.00000E+00	0.00000E+00		
2574	0	0	0.00000E+00	0.00000E+00	-84681.	0.00000E+00	0.00000E+00	0.00000E+00		
2595	0	0	0.00000E+00	0.00000E+00	-40384.	0.00000E+00	0.00000E+00	0.00000E+00		
2597	0	0	0.00000E+00	0.00000E+00	-24658.	0.00000E+00	0.00000E+00	0.00000E+00		
2611	0	0	0.00000E+00	0.00000E+00	-10919.	0.00000E+00	0.00000E+00	0.00000E+00		

2617	0	0	0.00000E+00	0.00000E+00	-11060.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2623	0	0	0.00000E+00	0.00000E+00	-19209.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2644	0	0	0.00000E+00	0.00000E+00	-62755.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2646	0	0	0.00000E+00	0.00000E+00	-39911.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2651	0	0	0.00000E+00	0.00000E+00	-12455.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2654	0	0	0.00000E+00	0.00000E+00	-31849.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2704	0	0	0.00000E+00	0.00000E+00	-16833.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8992	0	0	0.00000E+00	0.00000E+00	-5026.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9024	0	0	0.00000E+00	0.00000E+00	-17150.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9333	0	0	0.00000E+00	0.00000E+00	-51705.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 19  
LARGEST NODE OR ELEMENT NUMBER = 9333

L O A D C A S E 4472

LoadID=30 Line=2939 Dir=Fwd Pos=1

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
257	0	0	0.00000E+00	0.00000E+00	-5912.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
260	0	0	0.00000E+00	0.00000E+00	-7606.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
261	0	0	0.00000E+00	0.00000E+00	-6825.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
266	0	0	0.00000E+00	0.00000E+00	-25330.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2574	0	0	0.00000E+00	0.00000E+00	-19133.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2595	0	0	0.00000E+00	0.00000E+00	-77785.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2597	0	0	0.00000E+00	0.00000E+00	-45561.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2605	0	0	0.00000E+00	0.00000E+00	-19946.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2611	0	0	0.00000E+00	0.00000E+00	-15904.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2644	0	0	0.00000E+00	0.00000E+00	-23833.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2646	0	0	0.00000E+00	0.00000E+00	-15803.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2651	0	0	0.00000E+00	0.00000E+00	-23394.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2654	0	0	0.00000E+00	0.00000E+00	-94709.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2681	0	0	0.00000E+00	0.00000E+00	-7236.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2683	0	0	0.00000E+00	0.00000E+00	-4019.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2704	0	0	0.00000E+00	0.00000E+00	-6382.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2738	0	0	0.00000E+00	0.00000E+00	-2023.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8992	0	0	0.00000E+00	0.00000E+00	-7084.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9024	0	0	0.00000E+00	0.00000E+00	-60663.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9333	0	0	0.00000E+00	0.00000E+00	-10849.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9333

L O A D C A S E 4473

LoadID=30 Line=2939 Dir=Fwd Pos=2

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
260	0	0	0.00000E+00	0.00000E+00	-15466.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
261	0	0	0.00000E+00	0.00000E+00	-14583.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
266	0	0	0.00000E+00	0.00000E+00	-16302.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2595	0	0	0.00000E+00	0.00000E+00	-42806.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2597	0	0	0.00000E+00	0.00000E+00	-24106.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2605	0	0	0.00000E+00	0.00000E+00	-55328.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2611	0	0	0.00000E+00	0.00000E+00	-46713.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2651	0	0	0.00000E+00	0.00000E+00	-14036.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2654	0	0	0.00000E+00	0.00000E+00	-63940.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2681	0	0	0.00000E+00	0.00000E+00	-62202.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2683	0	0	0.00000E+00	0.00000E+00	-39008.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2738	0	0	0.00000E+00	0.00000E+00	-16004.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8992	0	0	0.00000E+00	0.00000E+00	-26961.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9024	0	0	0.00000E+00	0.00000E+00	-42546.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9024

L O A D C A S E 4474

LoadID=30 Line=2939 Dir=Fwd Pos=3

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
260	0	0	0.00000E+00	0.00000E+00	-7629.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
261	0	0	0.00000E+00	0.00000E+00	-12987.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
262	0	0	0.00000E+00	0.00000E+00	-5306.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
263	0	0	0.00000E+00	0.00000E+00	-5709.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00



266	0	0	0.00000E+00	0.00000E+00	-1926.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
269	0	0	0.00000E+00	0.00000E+00	-5623.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2595	0	0	0.00000E+00	0.00000E+00	-12287.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2597	0	0	0.00000E+00	0.00000E+00	-5415.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2605	0	0	0.00000E+00	0.00000E+00	-29050.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2611	0	0	0.00000E+00	0.00000E+00	-49132.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2617	0	0	0.00000E+00	0.00000E+00	-19215.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2623	0	0	0.00000E+00	0.00000E+00	-25670.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2644	0	0	0.00000E+00	0.00000E+00	-15131.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2646	0	0	0.00000E+00	0.00000E+00	-8177.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2651	0	0	0.00000E+00	0.00000E+00	-5521.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2654	0	0	0.00000E+00	0.00000E+00	-8173.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2681	0	0	0.00000E+00	0.00000E+00	-95287.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2683	0	0	0.00000E+00	0.00000E+00	-62150.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2691	0	0	0.00000E+00	0.00000E+00	-23093.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2704	0	0	0.00000E+00	0.00000E+00	-4941.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2738	0	0	0.00000E+00	0.00000E+00	-23325.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8992	0	0	0.00000E+00	0.00000E+00	-33827.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9024	0	0	0.00000E+00	0.00000E+00	-5966.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9026	0	0	0.00000E+00	0.00000E+00	-14455.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 24  
LARGEST NODE OR ELEMENT NUMBER = 9026

L O A D C A S E 4475

LoadID=30 Line=2939 Dir=Fwd Pos=4

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
261	0	0	0.00000E+00	0.00000E+00	-5078.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
262	0	0	0.00000E+00	0.00000E+00	-5111.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
263	0	0	0.00000E+00	0.00000E+00	-5825.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
266	0	0	0.00000E+00	0.00000E+00	-561.73	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
269	0	0	0.00000E+00	0.00000E+00	-21894.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2611	0	0	0.00000E+00	0.00000E+00	-16470.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2617	0	0	0.00000E+00	0.00000E+00	-16767.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2623	0	0	0.00000E+00	0.00000E+00	-27575.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2644	0	0	0.00000E+00	0.00000E+00	-79189.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2646	0	0	0.00000E+00	0.00000E+00	-49455.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2654	0	0	0.00000E+00	0.00000E+00	-1509.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2681	0	0	0.00000E+00	0.00000E+00	-32747.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2683	0	0	0.00000E+00	0.00000E+00	-22827.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2691	0	0	0.00000E+00	0.00000E+00	-94258.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2704	0	0	0.00000E+00	0.00000E+00	-22558.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2738	0	0	0.00000E+00	0.00000E+00	-7551.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
8992	0	0	0.00000E+00	0.00000E+00	-9549.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9024	0	0	0.00000E+00	0.00000E+00	-349.42	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9026	0	0	0.00000E+00	0.00000E+00	-60722.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 19  
LARGEST NODE OR ELEMENT NUMBER = 9026

L O A D C A S E 4476

LoadID=30 Line=2939 Dir=Fwd Pos=5

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
266	0	0	0.00000E+00	0.00000E+00	-14102.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
269	0	0	0.00000E+00	0.00000E+00	-17727.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2644	0	0	0.00000E+00	0.00000E+00	-75057.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2646	0	0	0.00000E+00	0.00000E+00	-48747.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2654	0	0	0.00000E+00	0.00000E+00	-50492.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2691	0	0	0.00000E+00	0.00000E+00	-80796.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2704	0	0	0.00000E+00	0.00000E+00	-20699.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2712	0	0	0.00000E+00	0.00000E+00	-46708.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2714	0	0	0.00000E+00	0.00000E+00	-29624.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2770	0	0	0.00000E+00	0.00000E+00	-10288.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9024	0	0	0.00000E+00	0.00000E+00	-30903.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9026	0	0	0.00000E+00	0.00000E+00	-54857.	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 = 9026

L O A D C A S E 4477

LoadID=30 Line=2939 Dir=Fwd Pos=6

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
266	0	0	0.00000E+00	0.00000E+00	-25145.	0.00000E+00	0.00000E+00	0.00000E+00	
269	0	0	0.00000E+00	0.00000E+00	-3401.6	0.00000E+00	0.00000E+00	0.00000E+00	
272	0	0	0.00000E+00	0.00000E+00	-5920.7	0.00000E+00	0.00000E+00	0.00000E+00	
273	0	0	0.00000E+00	0.00000E+00	-5014.9	0.00000E+00	0.00000E+00	0.00000E+00	
2644	0	0	0.00000E+00	0.00000E+00	-13842.	0.00000E+00	0.00000E+00	0.00000E+00	
2646	0	0	0.00000E+00	0.00000E+00	-9467.0	0.00000E+00	0.00000E+00	0.00000E+00	
2654	0	0	0.00000E+00	0.00000E+00	-94754.	0.00000E+00	0.00000E+00	0.00000E+00	
2681	0	0	0.00000E+00	0.00000E+00	-17271.	0.00000E+00	0.00000E+00	0.00000E+00	
2683	0	0	0.00000E+00	0.00000E+00	-10492.	0.00000E+00	0.00000E+00	0.00000E+00	
2691	0	0	0.00000E+00	0.00000E+00	-16410.	0.00000E+00	0.00000E+00	0.00000E+00	
2704	0	0	0.00000E+00	0.00000E+00	-3615.0	0.00000E+00	0.00000E+00	0.00000E+00	
2712	0	0	0.00000E+00	0.00000E+00	-76408.	0.00000E+00	0.00000E+00	0.00000E+00	
2714	0	0	0.00000E+00	0.00000E+00	-52820.	0.00000E+00	0.00000E+00	0.00000E+00	
2722	0	0	0.00000E+00	0.00000E+00	-29050.	0.00000E+00	0.00000E+00	0.00000E+00	
2728	0	0	0.00000E+00	0.00000E+00	-15287.	0.00000E+00	0.00000E+00	0.00000E+00	
2738	0	0	0.00000E+00	0.00000E+00	-4611.0	0.00000E+00	0.00000E+00	0.00000E+00	
2770	0	0	0.00000E+00	0.00000E+00	-16079.	0.00000E+00	0.00000E+00	0.00000E+00	
9024	0	0	0.00000E+00	0.00000E+00	-60803.	0.00000E+00	0.00000E+00	0.00000E+00	
9026	0	0	0.00000E+00	0.00000E+00	-11614.	0.00000E+00	0.00000E+00	0.00000E+00	
9028	0	0	0.00000E+00	0.00000E+00	-7996.0	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9028

L O A D C A S E 4478

LoadID=30 Line=2939 Dir=Fwd Pos=7

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
266	0	0	0.00000E+00	0.00000E+00	-11037.	0.00000E+00	0.00000E+00	0.00000E+00	
272	0	0	0.00000E+00	0.00000E+00	-11582.	0.00000E+00	0.00000E+00	0.00000E+00	
273	0	0	0.00000E+00	0.00000E+00	-11167.	0.00000E+00	0.00000E+00	0.00000E+00	
2654	0	0	0.00000E+00	0.00000E+00	-43895.	0.00000E+00	0.00000E+00	0.00000E+00	
2681	0	0	0.00000E+00	0.00000E+00	-82348.	0.00000E+00	0.00000E+00	0.00000E+00	
2683	0	0	0.00000E+00	0.00000E+00	-52151.	0.00000E+00	0.00000E+00	0.00000E+00	
2712	0	0	0.00000E+00	0.00000E+00	-38850.	0.00000E+00	0.00000E+00	0.00000E+00	
2714	0	0	0.00000E+00	0.00000E+00	-24709.	0.00000E+00	0.00000E+00	0.00000E+00	
2722	0	0	0.00000E+00	0.00000E+00	-57617.	0.00000E+00	0.00000E+00	0.00000E+00	
2728	0	0	0.00000E+00	0.00000E+00	-51065.	0.00000E+00	0.00000E+00	0.00000E+00	
2738	0	0	0.00000E+00	0.00000E+00	-20904.	0.00000E+00	0.00000E+00	0.00000E+00	
2770	0	0	0.00000E+00	0.00000E+00	-10408.	0.00000E+00	0.00000E+00	0.00000E+00	
9024	0	0	0.00000E+00	0.00000E+00	-29666.	0.00000E+00	0.00000E+00	0.00000E+00	
9028	0	0	0.00000E+00	0.00000E+00	-34602.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 14  
LARGEST NODE OR ELEMENT NUMBER = 9028

L O A D C A S E 4479

LoadID=30 Line=2939 Dir=Fwd Pos=8

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
269	0	0	0.00000E+00	0.00000E+00	-8502.7	0.00000E+00	0.00000E+00	0.00000E+00	
272	0	0	0.00000E+00	0.00000E+00	-5671.0	0.00000E+00	0.00000E+00	0.00000E+00	
273	0	0	0.00000E+00	0.00000E+00	-12136.	0.00000E+00	0.00000E+00	0.00000E+00	
2681	0	0	0.00000E+00	0.00000E+00	-91586.	0.00000E+00	0.00000E+00	0.00000E+00	
2683	0	0	0.00000E+00	0.00000E+00	-61140.	0.00000E+00	0.00000E+00	0.00000E+00	
2691	0	0	0.00000E+00	0.00000E+00	-35080.	0.00000E+00	0.00000E+00	0.00000E+00	
2712	0	0	0.00000E+00	0.00000E+00	-12325.	0.00000E+00	0.00000E+00	0.00000E+00	
2714	0	0	0.00000E+00	0.00000E+00	-6083.4	0.00000E+00	0.00000E+00	0.00000E+00	
2722	0	0	0.00000E+00	0.00000E+00	-20136.	0.00000E+00	0.00000E+00	0.00000E+00	
2728	0	0	0.00000E+00	0.00000E+00	-69367.	0.00000E+00	0.00000E+00	0.00000E+00	
2738	0	0	0.00000E+00	0.00000E+00	-22009.	0.00000E+00	0.00000E+00	0.00000E+00	
2749	0	0	0.00000E+00	0.00000E+00	-31503.	0.00000E+00	0.00000E+00	0.00000E+00	
2751	0	0	0.00000E+00	0.00000E+00	-20350.	0.00000E+00	0.00000E+00	0.00000E+00	
2770	0	0	0.00000E+00	0.00000E+00	-4710.4	0.00000E+00	0.00000E+00	0.00000E+00	
2807	0	0	0.00000E+00	0.00000E+00	-5683.2	0.00000E+00	0.00000E+00	0.00000E+00	
9026	0	0	0.00000E+00	0.00000E+00	-21683.	0.00000E+00	0.00000E+00	0.00000E+00	
9028	0	0	0.00000E+00	0.00000E+00	-52035.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 17  
LARGEST NODE OR ELEMENT NUMBER = 9028

L O A D C A S E 4480

LoadID=30 Line=2939 Dir=Fwd Pos=9

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
269	0	0	0.00000E+00	0.00000E+00	-21853.	0.00000E+00	0.00000E+00	0.00000E+00	
273	0	0	0.00000E+00	0.00000E+00	-4329.2	0.00000E+00	0.00000E+00	0.00000E+00	
276	0	0	0.00000E+00	0.00000E+00	-1246.4	0.00000E+00	0.00000E+00	0.00000E+00	
2681	0	0	0.00000E+00	0.00000E+00	-21964.	0.00000E+00	0.00000E+00	0.00000E+00	
2683	0	0	0.00000E+00	0.00000E+00	-15105.	0.00000E+00	0.00000E+00	0.00000E+00	
2691	0	0	0.00000E+00	0.00000E+00	-95771.	0.00000E+00	0.00000E+00	0.00000E+00	
2712	0	0	0.00000E+00	0.00000E+00	-9393.4	0.00000E+00	0.00000E+00	0.00000E+00	
2714	0	0	0.00000E+00	0.00000E+00	-5525.5	0.00000E+00	0.00000E+00	0.00000E+00	
2728	0	0	0.00000E+00	0.00000E+00	-25005.	0.00000E+00	0.00000E+00	0.00000E+00	
2738	0	0	0.00000E+00	0.00000E+00	-5033.2	0.00000E+00	0.00000E+00	0.00000E+00	
2749	0	0	0.00000E+00	0.00000E+00	-98259.	0.00000E+00	0.00000E+00	0.00000E+00	
2751	0	0	0.00000E+00	0.00000E+00	-65806.	0.00000E+00	0.00000E+00	0.00000E+00	
2759	0	0	0.00000E+00	0.00000E+00	-7130.9	0.00000E+00	0.00000E+00	0.00000E+00	
2770	0	0	0.00000E+00	0.00000E+00	-2194.6	0.00000E+00	0.00000E+00	0.00000E+00	
2807	0	0	0.00000E+00	0.00000E+00	-16720.	0.00000E+00	0.00000E+00	0.00000E+00	
9026	0	0	0.00000E+00	0.00000E+00	-63160.	0.00000E+00	0.00000E+00	0.00000E+00	
9028	0	0	0.00000E+00	0.00000E+00	-17472.	0.00000E+00	0.00000E+00	0.00000E+00	
9030	0	0	0.00000E+00	0.00000E+00	-4032.1	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 18  
LARGEST NODE OR ELEMENT NUMBER = 9030

L O A D C A S E 4481

LoadID=30 Line=2939 Dir=Fwd Pos=10

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
269	0	0	0.00000E+00	0.00000E+00	-13104.	0.00000E+00	0.00000E+00	0.00000E+00	
276	0	0	0.00000E+00	0.00000E+00	-10125.	0.00000E+00	0.00000E+00	0.00000E+00	
2691	0	0	0.00000E+00	0.00000E+00	-60592.	0.00000E+00	0.00000E+00	0.00000E+00	
2712	0	0	0.00000E+00	0.00000E+00	-67046.	0.00000E+00	0.00000E+00	0.00000E+00	
2714	0	0	0.00000E+00	0.00000E+00	-43164.	0.00000E+00	0.00000E+00	0.00000E+00	
2749	0	0	0.00000E+00	0.00000E+00	-67285.	0.00000E+00	0.00000E+00	0.00000E+00	
2751	0	0	0.00000E+00	0.00000E+00	-46626.	0.00000E+00	0.00000E+00	0.00000E+00	
2759	0	0	0.00000E+00	0.00000E+00	-63860.	0.00000E+00	0.00000E+00	0.00000E+00	
2770	0	0	0.00000E+00	0.00000E+00	-14547.	0.00000E+00	0.00000E+00	0.00000E+00	
2807	0	0	0.00000E+00	0.00000E+00	-10741.	0.00000E+00	0.00000E+00	0.00000E+00	
9026	0	0	0.00000E+00	0.00000E+00	-41547.	0.00000E+00	0.00000E+00	0.00000E+00	
9030	0	0	0.00000E+00	0.00000E+00	-41364.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 12  
LARGEST NODE OR ELEMENT NUMBER = 9030

L O A D C A S E 4482

LoadID=30 Line=2939 Dir=Fwd Pos=11

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
269	0	0	0.00000E+00	0.00000E+00	-1227.7	0.00000E+00	0.00000E+00	0.00000E+00	
272	0	0	0.00000E+00	0.00000E+00	-5796.4	0.00000E+00	0.00000E+00	0.00000E+00	
273	0	0	0.00000E+00	0.00000E+00	-5134.3	0.00000E+00	0.00000E+00	0.00000E+00	
276	0	0	0.00000E+00	0.00000E+00	-14705.	0.00000E+00	0.00000E+00	0.00000E+00	
2691	0	0	0.00000E+00	0.00000E+00	-6257.8	0.00000E+00	0.00000E+00	0.00000E+00	
2712	0	0	0.00000E+00	0.00000E+00	-81649.	0.00000E+00	0.00000E+00	0.00000E+00	
2714	0	0	0.00000E+00	0.00000E+00	-54172.	0.00000E+00	0.00000E+00	0.00000E+00	
2722	0	0	0.00000E+00	0.00000E+00	-34215.	0.00000E+00	0.00000E+00	0.00000E+00	
2728	0	0	0.00000E+00	0.00000E+00	-18442.	0.00000E+00	0.00000E+00	0.00000E+00	
2749	0	0	0.00000E+00	0.00000E+00	-8966.9	0.00000E+00	0.00000E+00	0.00000E+00	
2751	0	0	0.00000E+00	0.00000E+00	-6785.3	0.00000E+00	0.00000E+00	0.00000E+00	
2759	0	0	0.00000E+00	0.00000E+00	-99298.	0.00000E+00	0.00000E+00	0.00000E+00	
2770	0	0	0.00000E+00	0.00000E+00	-17638.	0.00000E+00	0.00000E+00	0.00000E+00	
2780	0	0	0.00000E+00	0.00000E+00	-23612.	0.00000E+00	0.00000E+00	0.00000E+00	
2782	0	0	0.00000E+00	0.00000E+00	-15122.	0.00000E+00	0.00000E+00	0.00000E+00	
2807	0	0	0.00000E+00	0.00000E+00	-1308.7	0.00000E+00	0.00000E+00	0.00000E+00	
2839	0	0	0.00000E+00	0.00000E+00	-3421.1	0.00000E+00	0.00000E+00	0.00000E+00	
9026	0	0	0.00000E+00	0.00000E+00	-4871.2	0.00000E+00	0.00000E+00	0.00000E+00	
9028	0	0	0.00000E+00	0.00000E+00	-10597.	0.00000E+00	0.00000E+00	0.00000E+00	
9030	0	0	0.00000E+00	0.00000E+00	-66780.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 20  
LARGEST NODE OR ELEMENT NUMBER = 9030

L O A D C A S E 4483

LoadID=30 Line=2939 Dir=Fwd Pos=12

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
272	0	0	0.00000E+00	0.00000E+00	-5775.0	0.00000E+00	0.00000E+00	0.00000E+00		
273	0	0	0.00000E+00	0.00000E+00	-17149.	0.00000E+00	0.00000E+00	0.00000E+00		
276	0	0	0.00000E+00	0.00000E+00	-4824.3	0.00000E+00	0.00000E+00	0.00000E+00		
2712	0	0	0.00000E+00	0.00000E+00	-20538.	0.00000E+00	0.00000E+00	0.00000E+00		
2714	0	0	0.00000E+00	0.00000E+00	-13128.	0.00000E+00	0.00000E+00	0.00000E+00		
2722	0	0	0.00000E+00	0.00000E+00	-34901.	0.00000E+00	0.00000E+00	0.00000E+00		
2728	0	0	0.00000E+00	0.00000E+00	-85147.	0.00000E+00	0.00000E+00	0.00000E+00		
2749	0	0	0.00000E+00	0.00000E+00	-1285.2	0.00000E+00	0.00000E+00	0.00000E+00		
2751	0	0	0.00000E+00	0.00000E+00	-135.17	0.00000E+00	0.00000E+00	0.00000E+00		
2759	0	0	0.00000E+00	0.00000E+00	-35129.	0.00000E+00	0.00000E+00	0.00000E+00		
2770	0	0	0.00000E+00	0.00000E+00	-5236.7	0.00000E+00	0.00000E+00	0.00000E+00		
2780	0	0	0.00000E+00	0.00000E+00	-97510.	0.00000E+00	0.00000E+00	0.00000E+00		
2782	0	0	0.00000E+00	0.00000E+00	-64149.	0.00000E+00	0.00000E+00	0.00000E+00		
2807	0	0	0.00000E+00	0.00000E+00	-311.82	0.00000E+00	0.00000E+00	0.00000E+00		
2839	0	0	0.00000E+00	0.00000E+00	-13181.	0.00000E+00	0.00000E+00	0.00000E+00		
9028	0	0	0.00000E+00	0.00000E+00	-56393.	0.00000E+00	0.00000E+00	0.00000E+00		
9030	0	0	0.00000E+00	0.00000E+00	-25207.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 17  
 LARGEST NODE OR ELEMENT NUMBER = 9030

L O A D C A S E 4484

LoadID=30 Line=2939 Dir=Fwd Pos=13

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
273	0	0	0.00000E+00	0.00000E+00	-14087.	0.00000E+00	0.00000E+00	0.00000E+00		
279	0	0	0.00000E+00	0.00000E+00	-9028.9	0.00000E+00	0.00000E+00	0.00000E+00		
280	0	0	0.00000E+00	0.00000E+00	-8217.5	0.00000E+00	0.00000E+00	0.00000E+00		
2728	0	0	0.00000E+00	0.00000E+00	-78162.	0.00000E+00	0.00000E+00	0.00000E+00		
2749	0	0	0.00000E+00	0.00000E+00	-51629.	0.00000E+00	0.00000E+00	0.00000E+00		
2751	0	0	0.00000E+00	0.00000E+00	-33091.	0.00000E+00	0.00000E+00	0.00000E+00		
2780	0	0	0.00000E+00	0.00000E+00	-54231.	0.00000E+00	0.00000E+00	0.00000E+00		
2782	0	0	0.00000E+00	0.00000E+00	-41008.	0.00000E+00	0.00000E+00	0.00000E+00		
2790	0	0	0.00000E+00	0.00000E+00	-60026.	0.00000E+00	0.00000E+00	0.00000E+00		
2796	0	0	0.00000E+00	0.00000E+00	-35241.	0.00000E+00	0.00000E+00	0.00000E+00		
2807	0	0	0.00000E+00	0.00000E+00	-9273.9	0.00000E+00	0.00000E+00	0.00000E+00		
2839	0	0	0.00000E+00	0.00000E+00	-8911.3	0.00000E+00	0.00000E+00	0.00000E+00		
9028	0	0	0.00000E+00	0.00000E+00	-53756.	0.00000E+00	0.00000E+00	0.00000E+00		
9037	0	0	0.00000E+00	0.00000E+00	-23336.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 14  
 LARGEST NODE OR ELEMENT NUMBER = 9037

L O A D C A S E 4485

LoadID=30 Line=2939 Dir=Fwd Pos=14

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
273	0	0	0.00000E+00	0.00000E+00	-2472.8	0.00000E+00	0.00000E+00	0.00000E+00		
276	0	0	0.00000E+00	0.00000E+00	-2923.1	0.00000E+00	0.00000E+00	0.00000E+00		
279	0	0	0.00000E+00	0.00000E+00	-4401.2	0.00000E+00	0.00000E+00	0.00000E+00		
280	0	0	0.00000E+00	0.00000E+00	-9922.7	0.00000E+00	0.00000E+00	0.00000E+00		
2728	0	0	0.00000E+00	0.00000E+00	-14692.	0.00000E+00	0.00000E+00	0.00000E+00		
2749	0	0	0.00000E+00	0.00000E+00	-98355.	0.00000E+00	0.00000E+00	0.00000E+00		
2751	0	0	0.00000E+00	0.00000E+00	-65894.	0.00000E+00	0.00000E+00	0.00000E+00		
2759	0	0	0.00000E+00	0.00000E+00	-17543.	0.00000E+00	0.00000E+00	0.00000E+00		
2780	0	0	0.00000E+00	0.00000E+00	-14894.	0.00000E+00	0.00000E+00	0.00000E+00		
2782	0	0	0.00000E+00	0.00000E+00	-9853.4	0.00000E+00	0.00000E+00	0.00000E+00		
2790	0	0	0.00000E+00	0.00000E+00	-34174.	0.00000E+00	0.00000E+00	0.00000E+00		
2796	0	0	0.00000E+00	0.00000E+00	-79671.	0.00000E+00	0.00000E+00	0.00000E+00		
2807	0	0	0.00000E+00	0.00000E+00	-16535.	0.00000E+00	0.00000E+00	0.00000E+00		
2817	0	0	0.00000E+00	0.00000E+00	-15434.	0.00000E+00	0.00000E+00	0.00000E+00		
2819	0	0	0.00000E+00	0.00000E+00	-9631.1	0.00000E+00	0.00000E+00	0.00000E+00		
2839	0	0	0.00000E+00	0.00000E+00	-3815.1	0.00000E+00	0.00000E+00	0.00000E+00		
2876	0	0	0.00000E+00	0.00000E+00	-1708.9	0.00000E+00	0.00000E+00	0.00000E+00		
9028	0	0	0.00000E+00	0.00000E+00	-10573.	0.00000E+00	0.00000E+00	0.00000E+00		
9030	0	0	0.00000E+00	0.00000E+00	-11012.	0.00000E+00	0.00000E+00	0.00000E+00		
9037	0	0	0.00000E+00	0.00000E+00	-56496.	0.00000E+00	0.00000E+00	0.00000E+00		

NUMBER OF LOADED NODES OR ELEMENTS = 20  
 LARGEST NODE OR ELEMENT NUMBER = 9037

L O A D C A S E 4486

LoadID=30 Line=2939 Dir=Fwd Pos=15

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
276	0	0	0.00000E+00	0.00000E+00	-13203.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
280	0	0	0.00000E+00	0.00000E+00	-5466.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2749	0	0	0.00000E+00	0.00000E+00	-46505.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2751	0	0	0.00000E+00	0.00000E+00	-32712.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2759	0	0	0.00000E+00	0.00000E+00	-84824.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2796	0	0	0.00000E+00	0.00000E+00	-52985.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2807	0	0	0.00000E+00	0.00000E+00	-7297.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2817	0	0	0.00000E+00	0.00000E+00	-81977.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2819	0	0	0.00000E+00	0.00000E+00	-53851.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2876	0	0	0.00000E+00	0.00000E+00	-8249.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9030	0	0	0.00000E+00	0.00000E+00	-55459.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9037	0	0	0.00000E+00	0.00000E+00	-37471.	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 = 9037

L O A D C A S E 4487

LoadID=30 Line=2939 Dir=Fwd Pos=16

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
276	0	0	0.00000E+00	0.00000E+00	-13970.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
280	0	0	0.00000E+00	0.00000E+00	-71.718	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
283	0	0	0.00000E+00	0.00000E+00	-2826.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2759	0	0	0.00000E+00	0.00000E+00	-96410.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2780	0	0	0.00000E+00	0.00000E+00	-35658.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2782	0	0	0.00000E+00	0.00000E+00	-22473.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2796	0	0	0.00000E+00	0.00000E+00	-1076.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2817	0	0	0.00000E+00	0.00000E+00	-0.10222E+06	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2819	0	0	0.00000E+00	0.00000E+00	-69174.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2827	0	0	0.00000E+00	0.00000E+00	-32532.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2839	0	0	0.00000E+00	0.00000E+00	-5100.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2876	0	0	0.00000E+00	0.00000E+00	-9387.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9030	0	0	0.00000E+00	0.00000E+00	-66388.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9037	0	0	0.00000E+00	0.00000E+00	-1548.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9043	0	0	0.00000E+00	0.00000E+00	-21162.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 15  
 LARGEST NODE OR ELEMENT NUMBER = 9043

L O A D C A S E 4488

LoadID=30 Line=2939 Dir=Fwd Pos=17

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE		FORCE		FORCE	
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
276	0	0	0.00000E+00	0.00000E+00	-3168.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
279	0	0	0.00000E+00	0.00000E+00	-4865.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
280	0	0	0.00000E+00	0.00000E+00	-4250.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
283	0	0	0.00000E+00	0.00000E+00	-8097.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2759	0	0	0.00000E+00	0.00000E+00	-23409.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2780	0	0	0.00000E+00	0.00000E+00	-78722.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2782	0	0	0.00000E+00	0.00000E+00	-55704.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2790	0	0	0.00000E+00	0.00000E+00	-21603.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2796	0	0	0.00000E+00	0.00000E+00	-13405.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2817	0	0	0.00000E+00	0.00000E+00	-26726.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2819	0	0	0.00000E+00	0.00000E+00	-18886.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2827	0	0	0.00000E+00	0.00000E+00	-0.10310E+06	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2839	0	0	0.00000E+00	0.00000E+00	-11068.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2848	0	0	0.00000E+00	0.00000E+00	-6977.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2850	0	0	0.00000E+00	0.00000E+00	-3868.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2876	0	0	0.00000E+00	0.00000E+00	-2211.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2910	0	0	0.00000E+00	0.00000E+00	-546.61	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9030	0	0	0.00000E+00	0.00000E+00	-16543.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9037	0	0	0.00000E+00	0.00000E+00	-7262.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9043	0	0	0.00000E+00	0.00000E+00	-69585.	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 = 9043

L O A D C A S E 4489

LoadID=30 Line=2939 Dir=Fwd Pos=18

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
279	0	0	0.00000E+00	0.00000E+00	-9522.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
280	0	0	0.00000E+00	0.00000E+00	-8935.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
283	0	0	0.00000E+00	0.00000E+00	-5008.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2780	0	0	0.00000E+00	0.00000E+00	-44242.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2782	0	0	0.00000E+00	0.00000E+00	-31686.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2790	0	0	0.00000E+00	0.00000E+00	-60226.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2796	0	0	0.00000E+00	0.00000E+00	-45469.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2827	0	0	0.00000E+00	0.00000E+00	-71698.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2839	0	0	0.00000E+00	0.00000E+00	-8940.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2848	0	0	0.00000E+00	0.00000E+00	-66102.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2850	0	0	0.00000E+00	0.00000E+00	-42796.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2910	0	0	0.00000E+00	0.00000E+00	-4417.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9037	0	0	0.00000E+00	0.00000E+00	-30980.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9043	0	0	0.00000E+00	0.00000E+00	-49979.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 14  
 LARGEST NODE OR ELEMENT NUMBER = 9043

L O A D C A S E 4490

LoadID=30 Line=2939 Dir=Fwd Pos=19

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
279	0	0	0.00000E+00	0.00000E+00	-4279.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
280	0	0	0.00000E+00	0.00000E+00	-8707.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
283	0	0	0.00000E+00	0.00000E+00	-596.42	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
285	0	0	0.00000E+00	0.00000E+00	-4708.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
286	0	0	0.00000E+00	0.00000E+00	-4389.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2780	0	0	0.00000E+00	0.00000E+00	-12101.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2782	0	0	0.00000E+00	0.00000E+00	-7350.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2790	0	0	0.00000E+00	0.00000E+00	-24698.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2796	0	0	0.00000E+00	0.00000E+00	-77732.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2817	0	0	0.00000E+00	0.00000E+00	-26160.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2819	0	0	0.00000E+00	0.00000E+00	-16887.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2827	0	0	0.00000E+00	0.00000E+00	-9947.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2839	0	0	0.00000E+00	0.00000E+00	-3584.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2848	0	0	0.00000E+00	0.00000E+00	-87240.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2850	0	0	0.00000E+00	0.00000E+00	-59748.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2858	0	0	0.00000E+00	0.00000E+00	-27883.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2864	0	0	0.00000E+00	0.00000E+00	-18179.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2876	0	0	0.00000E+00	0.00000E+00	-2795.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2910	0	0	0.00000E+00	0.00000E+00	-8390.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9037	0	0	0.00000E+00	0.00000E+00	-55706.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9043	0	0	0.00000E+00	0.00000E+00	-7533.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9048	0	0	0.00000E+00	0.00000E+00	-11384.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 22  
 LARGEST NODE OR ELEMENT NUMBER = 9048

L O A D C A S E 4491

LoadID=30 Line=2939 Dir=Fwd Pos=20

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	-3313.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
283	0	0	0.00000E+00	0.00000E+00	-110.39	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
285	0	0	0.00000E+00	0.00000E+00	-6415.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
286	0	0	0.00000E+00	0.00000E+00	-6232.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2796	0	0	0.00000E+00	0.00000E+00	-32508.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2817	0	0	0.00000E+00	0.00000E+00	-0.10173E+06	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2819	0	0	0.00000E+00	0.00000E+00	-68481.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2827	0	0	0.00000E+00	0.00000E+00	-925.71	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2848	0	0	0.00000E+00	0.00000E+00	-29886.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2850	0	0	0.00000E+00	0.00000E+00	-23281.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2858	0	0	0.00000E+00	0.00000E+00	-54332.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2864	0	0	0.00000E+00	0.00000E+00	-69085.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2876	0	0	0.00000E+00	0.00000E+00	-9927.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2910	0	0	0.00000E+00	0.00000E+00	-5851.4	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9037	0	0	0.00000E+00	0.00000E+00	-23000.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9048	0	0	0.00000E+00	0.00000E+00	-44917.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 16  
 LARGEST NODE OR ELEMENT NUMBER = 9048

L O A D C A S E 4492

LoadID=30 Line=2939 Dir=Fwd Pos=21

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
283	0	0	0.00000E+00	0.00000E+00	-4563.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
286	0	0	0.00000E+00	0.00000E+00	-3450.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2817	0	0	0.00000E+00	0.00000E+00	-82934.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2819	0	0	0.00000E+00	0.00000E+00	-57747.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2827	0	0	0.00000E+00	0.00000E+00	-53140.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2864	0	0	0.00000E+00	0.00000E+00	-91206.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2876	0	0	0.00000E+00	0.00000E+00	-7358.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2885	0	0	0.00000E+00	0.00000E+00	-49499.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2887	0	0	0.00000E+00	0.00000E+00	-31368.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2949	0	0	0.00000E+00	0.00000E+00	-1684.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9043	0	0	0.00000E+00	0.00000E+00	-34257.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9048	0	0	0.00000E+00	0.00000E+00	-62792.	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 = 9048

L O A D C A S E 4493

LoadID=30 Line=2939 Dir=Fwd Pos=22

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
283	0	0	0.00000E+00	0.00000E+00	-7912.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
286	0	0	0.00000E+00	0.00000E+00	-571.22	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
289	0	0	0.00000E+00	0.00000E+00	-354.69	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2817	0	0	0.00000E+00	0.00000E+00	-15915.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2819	0	0	0.00000E+00	0.00000E+00	-11578.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2827	0	0	0.00000E+00	0.00000E+00	-0.10323E+06	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2848	0	0	0.00000E+00	0.00000E+00	-17913.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2850	0	0	0.00000E+00	0.00000E+00	-11232.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2864	0	0	0.00000E+00	0.00000E+00	-19188.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2876	0	0	0.00000E+00	0.00000E+00	-1262.2	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2885	0	0	0.00000E+00	0.00000E+00	-0.10673E+06	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2887	0	0	0.00000E+00	0.00000E+00	-71271.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2895	0	0	0.00000E+00	0.00000E+00	-15767.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2910	0	0	0.00000E+00	0.00000E+00	-1315.9	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2949	0	0	0.00000E+00	0.00000E+00	-2779.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9043	0	0	0.00000E+00	0.00000E+00	-69642.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9048	0	0	0.00000E+00	0.00000E+00	-13700.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9226	0	0	0.00000E+00	0.00000E+00	-9635.5	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 = 9226

L O A D C A S E 4494

LoadID=30 Line=2939 Dir=Fwd Pos=23

CONCENTRATED LOAD										
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ		
283	0	0	0.00000E+00	0.00000E+00	-3380.1	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
289	0	0	0.00000E+00	0.00000E+00	-1232.7	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2827	0	0	0.00000E+00	0.00000E+00	-49890.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2848	0	0	0.00000E+00	0.00000E+00	-88167.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2850	0	0	0.00000E+00	0.00000E+00	-57604.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2885	0	0	0.00000E+00	0.00000E+00	-57097.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2887	0	0	0.00000E+00	0.00000E+00	-39817.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2895	0	0	0.00000E+00	0.00000E+00	-85612.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2910	0	0	0.00000E+00	0.00000E+00	-5680.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2949	0	0	0.00000E+00	0.00000E+00	-1042.3	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9043	0	0	0.00000E+00	0.00000E+00	-35278.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9226	0	0	0.00000E+00	0.00000E+00	-55198.	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 = 9226

L O A D C A S E 4495

LoadID=30 Line=2939 Dir=Fwd Pos=24

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
285	0	0	0.00000E+00	0.00000E+00	-6811.8	0.00000E+00	0.00000E+00	0.00000E+00	
286	0	0	0.00000E+00	0.00000E+00	-6354.4	0.00000E+00	0.00000E+00	0.00000E+00	
289	0	0	0.00000E+00	0.00000E+00	-764.92	0.00000E+00	0.00000E+00	0.00000E+00	
2827	0	0	0.00000E+00	0.00000E+00	-40.999	0.00000E+00	0.00000E+00	0.00000E+00	
2848	0	0	0.00000E+00	0.00000E+00	-74856.	0.00000E+00	0.00000E+00	0.00000E+00	
2850	0	0	0.00000E+00	0.00000E+00	-62129.	0.00000E+00	0.00000E+00	0.00000E+00	
2858	0	0	0.00000E+00	0.00000E+00	-43145.	0.00000E+00	0.00000E+00	0.00000E+00	
2864	0	0	0.00000E+00	0.00000E+00	-24689.	0.00000E+00	0.00000E+00	0.00000E+00	
2885	0	0	0.00000E+00	0.00000E+00	-1687.2	0.00000E+00	0.00000E+00	0.00000E+00	
2887	0	0	0.00000E+00	0.00000E+00	-2012.4	0.00000E+00	0.00000E+00	0.00000E+00	
2895	0	0	0.00000E+00	0.00000E+00	-0.10819E+06	0.00000E+00	0.00000E+00	0.00000E+00	
2910	0	0	0.00000E+00	0.00000E+00	-6926.7	0.00000E+00	0.00000E+00	0.00000E+00	
2922	0	0	0.00000E+00	0.00000E+00	-33879.	0.00000E+00	0.00000E+00	0.00000E+00	
2924	0	0	0.00000E+00	0.00000E+00	-21557.	0.00000E+00	0.00000E+00	0.00000E+00	
2949	0	0	0.00000E+00	0.00000E+00	-13.848	0.00000E+00	0.00000E+00	0.00000E+00	
2971	0	0	0.00000E+00	0.00000E+00	-66.215	0.00000E+00	0.00000E+00	0.00000E+00	
9043	0	0	0.00000E+00	0.00000E+00	-142.14	0.00000E+00	0.00000E+00	0.00000E+00	
9048	0	0	0.00000E+00	0.00000E+00	-14905.	0.00000E+00	0.00000E+00	0.00000E+00	
9226	0	0	0.00000E+00	0.00000E+00	-71832.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 19  
LARGEST NODE OR ELEMENT NUMBER = 9226

L O A D C A S E 4496

LoadID=30 Line=2939 Dir=Fwd Pos=25

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
285	0	0	0.00000E+00	0.00000E+00	-2728.6	0.00000E+00	0.00000E+00	0.00000E+00	
286	0	0	0.00000E+00	0.00000E+00	-5073.8	0.00000E+00	0.00000E+00	0.00000E+00	
2848	0	0	0.00000E+00	0.00000E+00	-14109.	0.00000E+00	0.00000E+00	0.00000E+00	
2850	0	0	0.00000E+00	0.00000E+00	-12481.	0.00000E+00	0.00000E+00	0.00000E+00	
2858	0	0	0.00000E+00	0.00000E+00	-47160.	0.00000E+00	0.00000E+00	0.00000E+00	
2864	0	0	0.00000E+00	0.00000E+00	-80755.	0.00000E+00	0.00000E+00	0.00000E+00	
2885	0	0	0.00000E+00	0.00000E+00	-9319.0	0.00000E+00	0.00000E+00	0.00000E+00	
2887	0	0	0.00000E+00	0.00000E+00	-5374.6	0.00000E+00	0.00000E+00	0.00000E+00	
2895	0	0	0.00000E+00	0.00000E+00	-28834.	0.00000E+00	0.00000E+00	0.00000E+00	
2910	0	0	0.00000E+00	0.00000E+00	-2468.6	0.00000E+00	0.00000E+00	0.00000E+00	
2922	0	0	0.00000E+00	0.00000E+00	-81999.	0.00000E+00	0.00000E+00	0.00000E+00	
2924	0	0	0.00000E+00	0.00000E+00	-58718.	0.00000E+00	0.00000E+00	0.00000E+00	
2940	0	0	0.00000E+00	0.00000E+00	-32517.	0.00000E+00	0.00000E+00	0.00000E+00	
2942	0	0	0.00000E+00	0.00000E+00	-17925.	0.00000E+00	0.00000E+00	0.00000E+00	
2949	0	0	0.00000E+00	0.00000E+00	-385.94	0.00000E+00	0.00000E+00	0.00000E+00	
9048	0	0	0.00000E+00	0.00000E+00	-60145.	0.00000E+00	0.00000E+00	0.00000E+00	
9226	0	0	0.00000E+00	0.00000E+00	-20007.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 17  
LARGEST NODE OR ELEMENT NUMBER = 9226

L O A D C A S E 4497

LoadID=30 Line=2939 Dir=Fwd Pos=26

CONCENTRATED LOAD									
FIRST NODE	LAST NODE	DIFF RNCE	FORCE FX	FORCE FY	FORCE FZ	FORCE MX	FORCE MY	FORCE MZ	
286	0	0	0.00000E+00	0.00000E+00	-2457.3	0.00000E+00	0.00000E+00	0.00000E+00	
2864	0	0	0.00000E+00	0.00000E+00	-68964.	0.00000E+00	0.00000E+00	0.00000E+00	
2885	0	0	0.00000E+00	0.00000E+00	-71988.	0.00000E+00	0.00000E+00	0.00000E+00	
2887	0	0	0.00000E+00	0.00000E+00	-46387.	0.00000E+00	0.00000E+00	0.00000E+00	
2922	0	0	0.00000E+00	0.00000E+00	-3.5015	0.00000E+00	0.00000E+00	0.00000E+00	
2924	0	0	0.00000E+00	0.00000E+00	-14.283	0.00000E+00	0.00000E+00	0.00000E+00	
2940	0	0	0.00000E+00	0.00000E+00	-11809.	0.00000E+00	0.00000E+00	0.00000E+00	
2942	0	0	0.00000E+00	0.00000E+00	-48173.	0.00000E+00	0.00000E+00	0.00000E+00	
2949	0	0	0.00000E+00	0.00000E+00	-2313.5	0.00000E+00	0.00000E+00	0.00000E+00	
9048	0	0	0.00000E+00	0.00000E+00	-47889.	0.00000E+00	0.00000E+00	0.00000E+00	

NUMBER OF LOADED NODES OR ELEMENTS = 10  
LARGEST NODE OR ELEMENT NUMBER = 9048

L O A D C A S E 4498



LoadID=30 Line=2939 Dir=Fwd Pos=27

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	-212.14	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
289	0	0	0.00000E+00	0.00000E+00	-534.05	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2864	0	0	0.00000E+00	0.00000E+00	-7974.5	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2885	0	0	0.00000E+00	0.00000E+00	-0.10686E+06	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2887	0	0	0.00000E+00	0.00000E+00	-71327.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2895	0	0	0.00000E+00	0.00000E+00	-27107.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2949	0	0	0.00000E+00	0.00000E+00	-2594.6	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9048	0	0	0.00000E+00	0.00000E+00	-6204.0	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9226	0	0	0.00000E+00	0.00000E+00	-17184.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 9  
 LARGEST NODE OR ELEMENT NUMBER = 9226

L O A D C A S E 4499

LoadID=30 Line=2939 Dir=Fwd Pos=28

CONCENTRATED LOAD									
FIRST	LAST	DIFF	FORCE		FORCE	FORCE	FORCE	FORCE	FORCE
NODE	NODE	RNCE	FX	FY	FZ	MX	MY	MZ	
289	0	0	0.00000E+00	0.00000E+00	-1304.8	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2885	0	0	0.00000E+00	0.00000E+00	-35002.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2887	0	0	0.00000E+00	0.00000E+00	-24745.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2895	0	0	0.00000E+00	0.00000E+00	-0.10745E+06	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2922	0	0	0.00000E+00	0.00000E+00	-521.70	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2949	0	0	0.00000E+00	0.00000E+00	-600.10	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
2971	0	0	0.00000E+00	0.00000E+00	-5.9151	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
9226	0	0	0.00000E+00	0.00000E+00	-70370.	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

NUMBER OF LOADED NODES OR ELEMENTS = 8  
 LARGEST NODE OR ELEMENT NUMBER = 9226

DATA STORAGE LOCATIONS USED = 41154

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

ELEMENTS WILL BE OUTPUT IN ASCENDING ORDER

FIRST	LAST	DIFF	OUTPUT	AVERAGED NODAL	NODAL FORCE	HISTORY	PLOT FILE
ELT	ELT	RNCE	CONTROL	VALUES GROUP	OUTPUT GROUP	CONTROL	CONTROL
1	2017	1	0	0	0	0	0

TOTAL NUMBER OF ELEMENT OUTPUT SETS = 1  
 TOTAL NUMBER OF ELEMENTS OUTPUT = 2017  
 LARGEST ELEMENT NUMBER INPUT = 2017  
 LARGEST ELEMENT OUTPUT CONTROL NUMBER = 0

DATA STORAGE LOCATIONS USED = 4

N O D E O U T P U T

FIRST	LAST	DIFF	OUTPUT	HISTORY
NODE	NODE	RNCE	CONTROL	CONTROL
1	3331	1	0	0
3743	3754	1	0	0
8152	8154	2	0	0
8155	8159	1	0	0
8161	8164	1	0	0
8166	8172	1	0	0
8180	8182	2	0	0
8183	8187	1	0	0
8189	8192	1	0	0
8194	8195	1	0	0
8198	8201	3	0	0
8205	8206	1	0	0
8211	8214	3	0	0
8215	8218	3	0	0
8219	8223	4	0	0
8225	8226	1	0	0
8228	8229	1	0	0
8231	8232	1	0	0
8234	8238	4	0	0
8249	8264	15	0	0

8296	8302	6	0	0
8318	8321	3	0	0
8470	8471	1	0	0
8477	8478	1	0	0
8481	8482	1	0	0
8485	8486	1	0	0
8489	8490	1	0	0
8509	8510	1	0	0
8513	8514	1	0	0
8517	8518	1	0	0
8521	8524	3	0	0
8525	8528	3	0	0
8529	8532	3	0	0
8533	8549	16	0	0
8550	8553	3	0	0
8554	8557	3	0	0
8558	8697	139	0	0
8750	8776	26	0	0
8779	8794	15	0	0
8804	8827	23	0	0
8830	8833	3	0	0
8967	8976	3	0	0
8978	8985	7	0	0
8987	8992	5	0	0
8996	9002	2	0	0
9009	9018	3	0	0
9024	9030	2	0	0
9033	9041	4	0	0
9043	9048	5	0	0
9062	9074	3	0	0
9081	9089	2	0	0
9096	9106	2	0	0
9226	9236	2	0	0
9241	9245	2	0	0
9248	9254	3	0	0
9256	9260	4	0	0
9269	9278	3	0	0
9283	9291	2	0	0
9295	9299	4	0	0
9302	9308	3	0	0
9315	9327	3	0	0
9333	9974	641	0	0
9976	9977	1	0	0
9980	9981	1	0	0
9983	9984	1	0	0
9986	9987	1	0	0
9989	9991	2	0	0
9992	10004	1	0	0
10006	10019	1	0	0
10021	10035	1	0	0
10038	10040	2	0	0
10041	10053	1	0	0
10055	10068	1	0	0
10070	10084	1	0	0
10087	10088	1	0	0
10090	10091	1	0	0
10093	10094	1	0	0
10096	10097	1	0	0
10100	10110	1	0	0
10112	10122	1	0	0
10124	10134	1	0	0
10136	10138	2	0	0
10139	10151	1	0	0
10153	10166	1	0	0
10168	10169	1	0	0
10171	10173	2	0	0
10179	10183	2	0	0
10187	10189	2	0	0
10193	10194	1	0	0
10209	10210	1	0	0
10212	10214	2	0	0
10218	10220	2	0	0
10224	10228	2	0	0
10229	10240	11	0	0
10241	10245	2	0	0
10249	10251	2	0	0
10255	10257	2	0	0
10261	10265	2	0	0
10266	10277	11	0	0
10278	10282	2	0	0
10286	10288	2	0	0
10292	10296	2	0	0
10297	10308	11	0	0
10309	10313	2	0	0
10317	10319	2	0	0
10323	10325	2	0	0
10329	10333	2	0	0
10334	10345	11	0	0
10346	10350	2	0	0
10354	10356	2	0	0
10360	10364	2	0	0
10365	10376	11	0	0
10377	10381	2	0	0
10385	10387	2	0	0
10391	10393	2	0	0
10397	10401	2	0	0
10402	10413	11	0	0
10414	10418	2	0	0
10422	10424	2	0	0
10428	10430	2	0	0
10434	10435	1	0	0
10450	10451	1	0	0
10453	10455	2	0	0
10459	10461	2	0	0
10464	10467	3	0	0



8	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
TOTALS FOR STRUCTURE	0.119136E+08	0.146899E+11	0.147015E+11	0.321865E-04	0.229338E-07	-48716.5

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

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			
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	197.961	197.791	0.170086	( 0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00, -0.00, 0.00)
1	0.122603E+11	0.122493E+11	0.110383E+08	( 0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00, 0.00, 0.00)
2	0.244119E+10	0.244046E+10	799488.	(-0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00, -0.00, 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)
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)
TOTALS FOR STRUCTURE	0.147015E+11	0.146899E+11	0.119136E+08	(-0.00, 0.00, 1.00)	( 0.00, 1.00, 0.00)	( 1.00, -0.00, 0.00)

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

FORCE OUTPUT GROUP	Fx N	Fy N	Fz N	Mx N .M	My N .M	Mz N .M
LOAD CASE 4225						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-240000.	-0.216000E+07	864000.	0.000000E+00
LOAD CASE 4226						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-240000.	-0.213580E+07	0.129862E+07	0.000000E+00
LOAD CASE 4227						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-360000.	-0.319036E+07	0.162429E+07	0.000000E+00
LOAD CASE 4228						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.430131E+07	0.211407E+07	0.000000E+00
LOAD CASE 4229						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.287767E+07	0.000000E+00
LOAD CASE 4230						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.359709E+07	0.000000E+00
LOAD CASE 4231						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429241E+07	0.437501E+07	0.000000E+00
LOAD CASE 4232						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427214E+07	0.503466E+07	0.000000E+00
LOAD CASE 4233						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.575534E+07	0.000000E+00
LOAD CASE 4234						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429448E+07	0.648688E+07	0.000000E+00
LOAD CASE 4235						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427150E+07	0.709792E+07	0.000000E+00
LOAD CASE 4236						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.791359E+07	0.000000E+00
LOAD CASE 4237						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.863301E+07	0.000000E+00
LOAD CASE 4238						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.935243E+07	0.000000E+00
LOAD CASE 4239						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429206E+07	0.100625E+08	0.000000E+00
LOAD CASE 4240						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427106E+07	0.108306E+08	0.000000E+00
LOAD CASE 4241						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427049E+07	0.115136E+08	0.000000E+00
LOAD CASE 4242						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429802E+07	0.121670E+08	0.000000E+00
LOAD CASE 4243						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.129495E+08	0.000000E+00
LOAD CASE 4244						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.136689E+08	0.000000E+00

LOAD CASE TOTALS FOR STRUCTURE	4245	0.000000E+00	0.000000E+00	-480000.	-0.429613E+07	0.144334E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4246	0.000000E+00	0.000000E+00	-480000.	-0.427106E+07	0.150682E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4247	0.000000E+00	0.000000E+00	-480000.	-0.430063E+07	0.157390E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4248	0.000000E+00	0.000000E+00	-480000.	-0.429896E+07	0.166127E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4249	0.000000E+00	0.000000E+00	-480000.	-0.426930E+07	0.172676E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4250	0.000000E+00	0.000000E+00	-480000.	-0.429783E+07	0.179222E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4251	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.187049E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4252	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.194243E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4253	0.000000E+00	0.000000E+00	-480000.	-0.429521E+07	0.201876E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4254	0.000000E+00	0.000000E+00	-480000.	-0.427014E+07	0.208227E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4255	0.000000E+00	0.000000E+00	-480000.	-0.430057E+07	0.214944E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4256	0.000000E+00	0.000000E+00	-480000.	-0.430019E+07	0.223829E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4257	0.000000E+00	0.000000E+00	-480000.	-0.426971E+07	0.230506E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4258	0.000000E+00	0.000000E+00	-480000.	-0.429616E+07	0.236913E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4259	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.244602E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4260	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.251796E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4261	0.000000E+00	0.000000E+00	-480000.	-0.429682E+07	0.259566E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4262	0.000000E+00	0.000000E+00	-480000.	-0.426949E+07	0.266060E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4263	0.000000E+00	0.000000E+00	-480000.	-0.429980E+07	0.272654E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4264	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.280573E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4265	0.000000E+00	0.000000E+00	-480000.	-0.427061E+07	0.288178E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4266	0.000000E+00	0.000000E+00	-480000.	-0.429441E+07	0.294524E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4267	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.302155E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4268	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.309350E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4269	0.000000E+00	0.000000E+00	-480000.	-0.429872E+07	0.317189E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4270	0.000000E+00	0.000000E+00	-480000.	-0.426928E+07	0.323726E+08	0.000000E+00

LOAD CASE	4271						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429808E+07	0.330285E+08	0.000000E+00	
LOAD CASE	4272						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.338126E+08	0.000000E+00	
LOAD CASE	4273						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427141E+07	0.346026E+08	0.000000E+00	
LOAD CASE	4274						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429316E+07	0.352217E+08	0.000000E+00	
LOAD CASE	4275						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.359709E+08	0.000000E+00	
LOAD CASE	4276						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.366903E+08	0.000000E+00	
LOAD CASE	4277						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.430004E+07	0.374889E+08	0.000000E+00	
LOAD CASE	4278						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.426962E+07	0.381555E+08	0.000000E+00	
LOAD CASE	4279						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429641E+07	0.387976E+08	0.000000E+00	
LOAD CASE	4280						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.395680E+08	0.000000E+00	
LOAD CASE	4281						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427189E+07	0.403730E+08	0.000000E+00	
LOAD CASE	4282						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429206E+07	0.409823E+08	0.000000E+00	
LOAD CASE	4283						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.417262E+08	0.000000E+00	
LOAD CASE	4284						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.424456E+08	0.000000E+00	
LOAD CASE	4285						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.430072E+07	0.432544E+08	0.000000E+00	
LOAD CASE	4286						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427047E+07	0.439231E+08	0.000000E+00	
LOAD CASE	4287						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429459E+07	0.445590E+08	0.000000E+00	
LOAD CASE	4288						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.453233E+08	0.000000E+00	
LOAD CASE	4289						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429133E+07	0.460549E+08	0.000000E+00	
LOAD CASE	4290						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429145E+07	0.467527E+08	0.000000E+00	
LOAD CASE	4291						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.474816E+08	0.000000E+00	
LOAD CASE	4292						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.482010E+08	0.000000E+00	
LOAD CASE	4293						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.489204E+08	0.000000E+00	
LOAD CASE	4294						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427133E+07	0.497085E+08	0.000000E+00	
LOAD CASE	4295						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429326E+07	0.503286E+08	0.000000E+00	
LOAD CASE	4296						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.510787E+08	0.000000E+00	
LOAD CASE	4297						

TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429194E+07	0.518155E+08	0.000000E+00
LOAD CASE 4298						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429117E+07	0.525132E+08	0.000000E+00
LOAD CASE 4299						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.532369E+08	0.000000E+00
LOAD CASE 4300						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.539563E+08	0.000000E+00
LOAD CASE 4301						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.546757E+08	0.000000E+00
LOAD CASE 4302						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427189E+07	0.554791E+08	0.000000E+00
LOAD CASE 4303						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429212E+07	0.560894E+08	0.000000E+00
LOAD CASE 4304						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.568340E+08	0.000000E+00
LOAD CASE 4305						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429282E+07	0.575856E+08	0.000000E+00
LOAD CASE 4306						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427163E+07	0.582056E+08	0.000000E+00
LOAD CASE 4307						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.589923E+08	0.000000E+00
LOAD CASE 4308						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.597117E+08	0.000000E+00
LOAD CASE 4309						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.604311E+08	0.000000E+00
LOAD CASE 4310						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429131E+07	0.611619E+08	0.000000E+00
LOAD CASE 4311						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429148E+07	0.618597E+08	0.000000E+00
LOAD CASE 4312						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.625893E+08	0.000000E+00
LOAD CASE 4313						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429426E+07	0.633468E+08	0.000000E+00
LOAD CASE 4314						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427066E+07	0.639756E+08	0.000000E+00
LOAD CASE 4315						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.647476E+08	0.000000E+00
LOAD CASE 4316						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.654670E+08	0.000000E+00
LOAD CASE 4317						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.661864E+08	0.000000E+00
LOAD CASE 4318						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429189E+07	0.669228E+08	0.000000E+00
LOAD CASE 4319						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429117E+07	0.676205E+08	0.000000E+00
LOAD CASE 4320						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.683447E+08	0.000000E+00
LOAD CASE 4321						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429587E+07	0.691165E+08	0.000000E+00
LOAD CASE 4322						
TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.426978E+07	0.697608E+08	0.000000E+00
LOAD CASE 4323						
TOTALS FOR STRUCTURE						

STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.430037E+07	0.704241E+08	0.000000E+00	
LOAD CASE TOTALS FOR STRUCTURE	4324	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.712224E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4325	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.719418E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4326	0.000000E+00	0.000000E+00	-480000.	-0.429280E+07	0.726932E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4327	0.000000E+00	0.000000E+00	-480000.	-0.427162E+07	0.733132E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4328	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.741000E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4329	0.000000E+00	0.000000E+00	-480000.	-0.429791E+07	0.748790E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4330	0.000000E+00	0.000000E+00	-480000.	-0.426926E+07	0.755289E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4331	0.000000E+00	0.000000E+00	-480000.	-0.429884E+07	0.761887E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4332	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.769777E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4333	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.776971E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4334	0.000000E+00	0.000000E+00	-480000.	-0.429427E+07	0.784545E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4335	0.000000E+00	0.000000E+00	-480000.	-0.427065E+07	0.790833E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4336	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.798554E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4337	0.000000E+00	0.000000E+00	-480000.	-0.429955E+07	0.806495E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4338	0.000000E+00	0.000000E+00	-480000.	-0.426939E+07	0.813131E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4339	0.000000E+00	0.000000E+00	-480000.	-0.429708E+07	0.819588E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4340	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.827330E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4341	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.834525E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4342	0.000000E+00	0.000000E+00	-480000.	-0.429588E+07	0.842243E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4343	0.000000E+00	0.000000E+00	-480000.	-0.426978E+07	0.848685E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4344	0.000000E+00	0.000000E+00	-480000.	-0.430037E+07	0.855318E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4345	0.000000E+00	0.000000E+00	-480000.	-0.430066E+07	0.864152E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4346	0.000000E+00	0.000000E+00	-480000.	-0.427016E+07	0.870820E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4347	0.000000E+00	0.000000E+00	-480000.	-0.429506E+07	0.877212E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4348	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.884884E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4349	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.892078E+08	0.000000E+00



LOAD CASE TOTALS FOR STRUCTURE	4350	0.000000E+00	0.000000E+00	-480000.	-0.429794E+07	0.899871E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4351	0.000000E+00	0.000000E+00	-480000.	-0.426924E+07	0.906371E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4352	0.000000E+00	0.000000E+00	-480000.	-0.429880E+07	0.912968E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4353	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.920855E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4354	0.000000E+00	0.000000E+00	-480000.	-0.427111E+07	0.928685E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4355	0.000000E+00	0.000000E+00	-480000.	-0.429354E+07	0.934914E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4356	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.942437E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4357	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.949631E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4358	0.000000E+00	0.000000E+00	-480000.	-0.429962E+07	0.957579E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4359	0.000000E+00	0.000000E+00	-480000.	-0.426940E+07	0.964221E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4360	0.000000E+00	0.000000E+00	-480000.	-0.429697E+07	0.970672E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4361	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.978408E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4362	0.000000E+00	0.000000E+00	-480000.	-0.427185E+07	0.986403E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4363	0.000000E+00	0.000000E+00	-480000.	-0.429224E+07	0.992529E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4364	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.999991E+08	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4365	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.100718E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4366	0.000000E+00	0.000000E+00	-480000.	-0.430069E+07	0.101524E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4367	0.000000E+00	0.000000E+00	-480000.	-0.427023E+07	0.102191E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4368	0.000000E+00	0.000000E+00	-480000.	-0.429493E+07	0.102830E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4369	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.103596E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4370	0.000000E+00	0.000000E+00	-480000.	-0.429127E+07	0.104326E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4371	0.000000E+00	0.000000E+00	-480000.	-0.429151E+07	0.105024E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4372	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.105754E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4373	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.106474E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4374	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.107193E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4375	0.000000E+00	0.000000E+00	-480000.	-0.427117E+07	0.107978E+09	0.000000E+00

LOAD CASE	4376						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429344E+07	0.108600E+09	0.000000E+00	
LOAD CASE	4377						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.109351E+09	0.000000E+00	
LOAD CASE	4378						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429186E+07	0.110088E+09	0.000000E+00	
LOAD CASE	4379						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429116E+07	0.110785E+09	0.000000E+00	
LOAD CASE	4380						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.111510E+09	0.000000E+00	
LOAD CASE	4381						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.112229E+09	0.000000E+00	
LOAD CASE	4382						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.112949E+09	0.000000E+00	
LOAD CASE	4383						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427186E+07	0.113750E+09	0.000000E+00	
LOAD CASE	4384						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429216E+07	0.114361E+09	0.000000E+00	
LOAD CASE	4385						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.115107E+09	0.000000E+00	
LOAD CASE	4386						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429282E+07	0.115859E+09	0.000000E+00	
LOAD CASE	4387						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427159E+07	0.116479E+09	0.000000E+00	
LOAD CASE	4388						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.117265E+09	0.000000E+00	
LOAD CASE	4389						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.117985E+09	0.000000E+00	
LOAD CASE	4390						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.118704E+09	0.000000E+00	
LOAD CASE	4391						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429129E+07	0.119435E+09	0.000000E+00	
LOAD CASE	4392						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429146E+07	0.120133E+09	0.000000E+00	
LOAD CASE	4393						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.120862E+09	0.000000E+00	
LOAD CASE	4394						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429438E+07	0.121620E+09	0.000000E+00	
LOAD CASE	4395						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.427055E+07	0.122250E+09	0.000000E+00	
LOAD CASE	4396						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.123020E+09	0.000000E+00	
LOAD CASE	4397						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.123740E+09	0.000000E+00	
LOAD CASE	4398						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.124459E+09	0.000000E+00	
LOAD CASE	4399						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429194E+07	0.125196E+09	0.000000E+00	
LOAD CASE	4400						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429115E+07	0.125894E+09	0.000000E+00	
LOAD CASE	4401						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.126618E+09	0.000000E+00	
LOAD CASE	4402						

TOTALS FOR STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429610E+07	0.127391E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4403 0.000000E+00	0.000000E+00	-480000.	-0.426966E+07	0.128036E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4404 0.000000E+00	0.000000E+00	-480000.	-0.430023E+07	0.128699E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4405 0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.129495E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4406 0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.130215E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4407 0.000000E+00	0.000000E+00	-480000.	-0.429294E+07	0.130967E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4408 0.000000E+00	0.000000E+00	-480000.	-0.427151E+07	0.131589E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4409 0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.132373E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4410 0.000000E+00	0.000000E+00	-480000.	-0.429826E+07	0.133154E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4411 0.000000E+00	0.000000E+00	-480000.	-0.426920E+07	0.133806E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4412 0.000000E+00	0.000000E+00	-480000.	-0.429848E+07	0.134464E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4413 0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.135251E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4414 0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.135970E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4415 0.000000E+00	0.000000E+00	-480000.	-0.429456E+07	0.136729E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4416 0.000000E+00	0.000000E+00	-480000.	-0.427043E+07	0.137360E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4417 0.000000E+00	0.000000E+00	-480000.	-0.430062E+07	0.138035E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4418 0.000000E+00	0.000000E+00	-480000.	-0.429990E+07	0.138926E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4419 0.000000E+00	0.000000E+00	-480000.	-0.426949E+07	0.139591E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4420 0.000000E+00	0.000000E+00	-480000.	-0.429656E+07	0.140235E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4421 0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.141006E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4422 0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.141725E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4423 0.000000E+00	0.000000E+00	-480000.	-0.429635E+07	0.142500E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4424 0.000000E+00	0.000000E+00	-480000.	-0.426956E+07	0.143147E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4425 0.000000E+00	0.000000E+00	-480000.	-0.430007E+07	0.143808E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4426 0.000000E+00	0.000000E+00	-480000.	-0.430071E+07	0.144693E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4427 0.000000E+00	0.000000E+00	-480000.	-0.427045E+07	0.145361E+09	0.000000E+00
LOAD CASE TOTALS FOR	4428					

STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.429452E+07	0.145997E+09	0.000000E+00	
LOAD CASE TOTALS FOR STRUCTURE	4429	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.146761E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4430	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.147481E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4431	0.000000E+00	0.000000E+00	-480000.	-0.429852E+07	0.148263E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4432	0.000000E+00	0.000000E+00	-480000.	-0.426920E+07	0.148916E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4433	0.000000E+00	0.000000E+00	-480000.	-0.429822E+07	0.149573E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4434	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.150358E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4435	0.000000E+00	0.000000E+00	-480000.	-0.427139E+07	0.151149E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4436	0.000000E+00	0.000000E+00	-480000.	-0.429307E+07	0.151768E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4437	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.152517E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4438	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.153236E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4439	0.000000E+00	0.000000E+00	-480000.	-0.430007E+07	0.154035E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4440	0.000000E+00	0.000000E+00	-480000.	-0.426958E+07	0.154702E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4441	0.000000E+00	0.000000E+00	-480000.	-0.429630E+07	0.155344E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4442	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.156114E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4443	0.000000E+00	0.000000E+00	-480000.	-0.429115E+07	0.156832E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4444	0.000000E+00	0.000000E+00	-480000.	-0.427139E+07	0.157557E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4445	0.000000E+00	0.000000E+00	-480000.	-0.426848E+07	0.158208E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4446	0.000000E+00	0.000000E+00	-480000.	-0.429732E+07	0.158907E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4447	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.159711E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4448	0.000000E+00	0.000000E+00	-480000.	-0.427059E+07	0.160472E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4449	0.000000E+00	0.000000E+00	-480000.	-0.426960E+07	0.161110E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4450	0.000000E+00	0.000000E+00	-480000.	-0.426916E+07	0.161768E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4451	0.000000E+00	0.000000E+00	-480000.	-0.427199E+07	0.162497E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4452	0.000000E+00	0.000000E+00	-480000.	-0.429131E+07	0.163301E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4453	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.164027E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4454	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.164747E+09	0.000000E+00

LOAD CASE TOTALS FOR STRUCTURE	4455	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.165466E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4456	0.000000E+00	0.000000E+00	-480000.	-0.427149E+07	0.166261E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4457	0.000000E+00	0.000000E+00	-480000.	-0.429290E+07	0.166877E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4458	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.167624E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4459	0.000000E+00	0.000000E+00	-480000.	-0.429223E+07	0.168365E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4460	0.000000E+00	0.000000E+00	-480000.	-0.427176E+07	0.168973E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4461	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.169783E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4462	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.170502E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4463	0.000000E+00	0.000000E+00	-480000.	-0.432000E+07	0.171221E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4464	0.000000E+00	0.000000E+00	-480000.	-0.429116E+07	0.171941E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4465	0.000000E+00	0.000000E+00	-480000.	-0.427172E+07	0.172732E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4466	0.000000E+00	0.000000E+00	-480000.	-0.426884E+07	0.173450E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4467	0.000000E+00	0.000000E+00	-480000.	-0.426493E+07	0.174090E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4468	0.000000E+00	0.000000E+00	-480000.	-0.425885E+07	0.174722E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4469	0.000000E+00	0.000000E+00	-480000.	-0.429397E+07	0.175420E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4472	0.000000E+00	0.000000E+00	-480000.	-0.431827E+07	0.176337E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4473	0.000000E+00	0.000000E+00	-480000.	-0.431080E+07	0.177018E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4474	0.000000E+00	0.000000E+00	-480000.	-0.432371E+07	0.177657E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4475	0.000000E+00	0.000000E+00	-480000.	-0.436293E+07	0.178419E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4476	0.000000E+00	0.000000E+00	-480000.	-0.442010E+07	0.179178E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4477	0.000000E+00	0.000000E+00	-480000.	-0.440438E+07	0.179947E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4478	0.000000E+00	0.000000E+00	-480000.	-0.438488E+07	0.180593E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4479	0.000000E+00	0.000000E+00	-480000.	-0.444940E+07	0.181277E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4480	0.000000E+00	0.000000E+00	-480000.	-0.450018E+07	0.182090E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4481	0.000000E+00	0.000000E+00	-480000.	-0.452020E+07	0.182818E+09	0.000000E+00
LOAD CASE TOTALS FOR STRUCTURE	4482	0.000000E+00	0.000000E+00	-480000.	-0.449993E+07	0.183561E+09	0.000000E+00

LOAD CASE	4483						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.451823E+07	0.184267E+09	0.000000E+00	
LOAD CASE	4484						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.449493E+07	0.185058E+09	0.000000E+00	
LOAD CASE	4485						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.455367E+07	0.185701E+09	0.000000E+00	
LOAD CASE	4486						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.462030E+07	0.186458E+09	0.000000E+00	
LOAD CASE	4487						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.464032E+07	0.187186E+09	0.000000E+00	
LOAD CASE	4488						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.462045E+07	0.187974E+09	0.000000E+00	
LOAD CASE	4489						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.458528E+07	0.188651E+09	0.000000E+00	
LOAD CASE	4490						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.459313E+07	0.189356E+09	0.000000E+00	
LOAD CASE	4491						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.461938E+07	0.190075E+09	0.000000E+00	
LOAD CASE	4492						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.474043E+07	0.190826E+09	0.000000E+00	
LOAD CASE	4493						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.476045E+07	0.191554E+09	0.000000E+00	
LOAD CASE	4494						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.478047E+07	0.192282E+09	0.000000E+00	
LOAD CASE	4495						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.471970E+07	0.193059E+09	0.000000E+00	
LOAD CASE	4496						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-480000.	-0.476835E+07	0.193739E+09	0.000000E+00	
LOAD CASE	4497						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-300000.	-0.306650E+07	0.120856E+09	0.000000E+00	
LOAD CASE	4498						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-240000.	-0.240652E+07	0.967336E+08	0.000000E+00	
LOAD CASE	4499						
TOTALS FOR							
STRUCTURE	0.000000E+00	0.000000E+00	-240000.	-0.241653E+07	0.970976E+08	0.000000E+00	

AVERAGE VALUE OF POISSON'S RATIO (FOR ISOTROPIC MATERIALS ONLY) = 0.2243

TOTAL TIME FOR GLOBAL MATRIX ASSEMBLY = 0.27000E-01 SEC.  
TOTAL NUMBER OF NONZERO ENTRIES IN THE MATRIX = 112110

LOCATIONS USED DURING PRE-SOLUTION PROCESS = 27217007  
LOCATIONS AVAILABLE = 150000000

TOTAL NO. OF STRUCTURAL DEGREES OF FREEDOM = 10248  
TOTAL NO. OF ACTIVE DEGREES OF FREEDOM = 10248  
TOTAL NO. OF EQUATIONS = 11508  
TOTAL NO. OF ACTIVE NODES = 1708

NUMBER OF ELEMENT GROUPS = 11  
MAXIMUM NUMBER OF ELEMENTS IN A GROUP = 198

MAXIMUM SIZE OF ELEMENT DATA RECORDS = 3606673  
MAXIMUM SIZE OF ELEMENT RESULT RECORDS = 14757092  
MAXIMUM SIZE OF ELEMENT SOLUTION RECORDS = 0  
MAXIMUM SIZE OF ELEMENT SHAPE RECORDS = 4578982  
TOTAL SIZE OF ELEMENT DATA RECORDS = 36949032  
TOTAL SIZE OF ELEMENT RESULT RECORDS = 144677590  
TOTAL SIZE OF ELEMENT SOLUTION RECORDS = 0  
TOTAL SIZE OF GLOBAL SOLUTION RECORD = 68548  
TOTAL SIZE OF GLOBAL MATRIX & RHS RECORDS = 3321355

TIME FOR PRE-SOLUTION PROCESS = 0.35300 SEC. (ALL ELEMENT STIFFNESS MATRICES)

TIME AT CENTRAL PROCESSOR = 10:27:50 ON 22/06/23 (DAY/MTH/YR)

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

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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      =      198069
Number of iterative refinement steps =          4
Number of positive eigenvalues     =      10188
Number of negative eigenvalues     =       1260
Peak memory used during analysis and
symbolic factorisation (MB)        =         7.47
Total peak memory used during solve (MB) =      57.60
In-memory/out-of-memory solution executed

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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 1      = 0.77894E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 2      = 0.12764E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 3      = 0.50739E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 4      = 0.60650E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 5      = 0.86057E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 6      = 0.92079E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 7      = 0.10046E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 8      = 0.21737E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 9      = 0.11593E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 10     = 0.29701E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 11     = 0.38161E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 12     = 0.22681E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 13     = 0.21015E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 14     = 0.31150E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 15     = 0.18634E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 16     = 0.88740E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 17     = 0.16979E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 18     = 0.12137E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 19     = 0.96627E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 20     = 0.75047E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 21     = 0.48566E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 22     = 0.34237E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 23     = 0.26848E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 24     = 0.35487E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 25     = 0.53533E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 26     = 0.10634E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 27     = 0.10658E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 28     = 0.14390E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 29     = 0.14762E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 30     = 0.22764E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 31     = 0.15395E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 32     = 0.15925E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 33     = 0.33099E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 34     = 0.50901E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 35     = 0.35184E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 36     = 0.55164E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 37     = 0.58570E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 38     = 0.62093E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 39     = 0.64859E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 40     = 0.34475E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 41     = 0.66976E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 42     = 0.42048E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 43     = 0.59137E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 44     = 0.37550E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 45     = 0.53986E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 46     = 0.52447E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 47     = 0.50303E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 48     = 0.32120E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 49     = 0.31602E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 50     = 0.15319E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 51     = 0.14839E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 52     = 0.14563E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 53     = 0.90037E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 54     = 0.36017E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 55     = 0.21128E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 56     = 0.17615E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 57     = 0.49368E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 58     = 0.71728E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 59     = 0.10801E-25
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 61     = 0.15034E-25
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 64     = 0.32347E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 65     = 0.50615E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 66     = 0.52507E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 67     = 0.54317E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 68     = 0.47351E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 69     = 0.39786E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 70     = 0.48229E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 71     = 0.56002E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 72     = 0.47227E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 73     = 0.67120E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 74     = 0.63437E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 75     = 0.59567E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 76     = 0.37818E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 77     = 0.36158E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 78     = 0.52494E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 79     = 0.33726E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 80     = 0.20198E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 81     = 0.15799E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 82     = 0.15517E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 83     = 0.14904E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 84     = 0.14619E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 85     = 0.10796E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 86     = 0.71733E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 87     = 0.35622E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 88     = 0.17612E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 89     = 0.35581E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 90     = 0.35965E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 91     = 0.71701E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 92     = 0.14550E-26

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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 198 = 0.58117E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 199 = 0.41242E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 200 = 0.43795E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 201 = 0.45825E-25
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 203 = 0.32873E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 204 = 0.41335E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 205 = 0.38827E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 206 = 0.37039E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 207 = 0.35563E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 208 = 0.34594E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 209 = 0.33218E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 210 = 0.31859E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 211 = 0.31384E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 212 = 0.15230E-25
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 215 = 0.71844E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 216 = 0.53936E-26
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 219 = 0.53484E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 220 = 0.72352E-26
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 223 = 0.14974E-25
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 226 = 0.33005E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 227 = 0.25578E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 228 = 0.35314E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 229 = 0.31989E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 230 = 0.38281E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 231 = 0.60370E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 232 = 0.43434E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 233 = 0.68139E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 234 = 0.45056E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 235 = 0.32055E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 236 = 0.40975E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 237 = 0.38076E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 238 = 0.36331E-25
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 241 = 0.32741E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 242 = 0.15899E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 243 = 0.15518E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 244 = 0.22798E-25
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 246 = 0.71624E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 247 = 0.71054E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 248 = 0.70469E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 249 = 0.52090E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 250 = 0.29980E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 251 = 0.34770E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 252 = 0.37559E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 253 = 0.88353E-26
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 255 = 0.11036E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 256 = 0.23059E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 257 = 0.23922E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 258 = 0.25276E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 259 = 0.17416E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 260 = 0.27362E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 261 = 0.29140E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 262 = 0.21262E-25
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FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 264 = 0.34555E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 265 = 0.26384E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 266 = 0.18706E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 267 = 0.17266E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 268 = 0.16011E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 269 = 0.75699E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 270 = 0.70496E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 271 = 0.11217E-25
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 272 = 0.71608E-26
FINAL RELATIVE ERROR CONSTANT FOR SOLUTION 273 = 0.41898E-26

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

LOCATIONS USED DURING POST-SOLUTION PROCESS = 30605687
LOCATIONS AVAILABLE = 150000000

ACTUAL TOTAL NO. EDGES IN STRUCTURE = 2017
ACTUAL TOTAL NO. FACES IN STRUCTURE = 0

TIME FOR POST-SOLUTION PROCESS = 13.041 SEC.

TOTAL CPU TIME USED FOR SOLUTION = 13.883 SEC.

TOTAL ELAPSED TIME USED FOR SOLUTION = 0 HRS 0 MINS 14 SECS

TIME AT CENTRAL PROCESSOR = 10:28:03 ON 22/06/23 (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	2787	99538	98354	0	1280.656
FRONTAL	16384	0	0	0	0	0.1562500E-01
SHAPES	16384	33	162	182	0	1.109375
PLOT	16384	551477	663962	112625	0	1774.438

RESTART            0            0            0            0            0            0.0000000E+00  
\*\*\*LUSAS RUN SUCCESSFULLY COMPLETED\*\*\*