





ID	1	2	3	4	5	6	7	8
1675	1234567890123456789012345678901234567890123456789012345678901234567890							
1676							-9.8777	
1677							-11.5392	
1678							-13.2007	
1679							-13.2007	
1680							-6.5003	
1681							-3.5602	
1682							-7.1207	
1683							-7.1196	
1684							-7.1192	
1685							-7.1207	
1686							-7.1211	
1687							-7.1211	
1688							-7.1211	
1689							-9.5605	
1690							-7.9680	
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1693							-7.9680	
1694							-7.9680	
1695							-7.9680	
1696							-3.9840	
1697							-9.1062	
1698							-9.1062	
1699							-9.1062	
1700							-9.1062	
1701							-9.1062	
1702							-9.1062	
1703							-9.1062	
1704							-4.5531	
1705							-9.8803	
1706							-9.8803	
1707							-9.8803	
1708							-11.5422	
1709							-13.2041	
1710							-9.9028	
1711							-9.9028	
1712							-6.4462	
1713							-10.5733	
1714							-8.2338	
1715							-10.5706	
1716							-12.8893	
1717							-10.5725	
1718							-8.2542	
1719							-10.5733	
1720							-6.4462	
1721							-11.5530	
1722							-9.2970	
1723							-11.9530	
1724							-14.6090	
1725							-11.9530	
1726							-9.2970	
1727							-11.9530	
1728							-7.3045	

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1837	1234567890123456789012345678901234567890123456789012345678901234567890							
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1999	1234567890123456789012345678901234567890123456789012345678901234567890	665	-13.0190						
2000	565	-4.0588							
2001	667	-8.1621							
2002	668	-12.5508							
2003	669	-8.7773							
2004	670	-6.3080							
2005	671	-1.9194							
2006	1250	-1.9275							
2007	1290	-3.9840							
2008	1302	-3.9890							
2009	1334	-3.9840							
2010	1386	-7.3045							
2011	1413	-1.6079							
2012	1429	-16.1990							
2013	1444	-12.3375							
2014	1459	-9.2531							
2015	1473	-1.9364							
2016	1487	-12.8516							
2017	1500	-12.8516							
2018	1512	-12.1753							
2019	1528	-0.5754							
2020	1540	-5.3409							
2021	1560	-0.0006							
2022	1572	-6.1868							
2023	1582	-0.0007							
2024	1595	-6.1878							
2025	1600	-0.2345							
2026	1615	-5.3403							
2027	1619	-1.4389							
2028	1624	-0.7029							
2029	1628	-2.0009							
2030	1640	-2.2714							
2031	1258	-2.2772							
2032	1298	-4.5531							
2033	1330	-4.5519							
2034	1362	-4.5531							
2035	1394	-8.3480							
2036	1417	-16.6948							
2037	1433	-18.5062							
2038	1448	-14.1000							
2039	1463	-10.5750							
2040	1477	-13.2187							
2041	1491	-4.6875							
2042	1504	-14.6875							
2043	1516	-13.7389							
2044	1532	-7.1806							
2045	1545	-7.2859							
2046	1555	-2.9874							
2047	1266	-2.4707							
2048	1306	-4.9401							
2049	1338	-4.9389							
2050	1370	-4.9401							
2051	1402	-8.0575							
2052	1421	-18.1138							
	1234567890123456789012345678901234567890123456789012345678901234567890	1	2	3	4	5	6	7	8

ID	1	2	3	4	5	6	7	8
2053	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890
2054	1497			-19.9633				
2055	1452			-14.8927				
2056	1467			-9.0303				
2057	1482			-2.0523				
	END							
	1	2	3	4	5	6	7	8
	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890

JOINT ANALYSIS

CONTROL DATA 0 0 0 0 0 0 0 10 0 0 0

RUN MODE : EXECUTION

ANALYSIS : LINEAR (ELASTIC)

GEOMETRY CHANGE BY DISPLACEMENT : NO

NORMAL STRESS ANALYSIS RUN

CREEP : NO

NON-LINEAR ITERATION LIMIT : 10 TIMES

NON-LINEAR ITERATION METHOD : NEWTON-RAPHSON'S METHOD

RESIDUAL LOAD CORRECTION : NO

NONLIST DATA 0 0 0 0 1 0 1 0 0 0

INPUT IMAGE LIST : YES INPUT DATA ECHO LIST : YES

LOADING VECTOR : YES SUPPORT REACTION : YES

DISPLACEMENT(INCREMENT) : NO DISPLACEMENT(INC.+TOTAL) : YES

STRESS (INCREMENT) : NO STRESS (TOTAL) : YES

NONLINEAR MATERIAL LIST : YES

ACCURACY DATA EPSR = 1.000E-03 EPSD = 1.000E-03

LOAD SCALE DATA FACTOR = ALPHA\*BETA(I)

ALPHA = 1.000

BETA = 1.000

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
1	0	-23.8000	35.0000	*	*	*
2	0	24.0720	35.0000	*	*	*
3	0	62.3700	35.0000	*	*	*
4	0	94.2850	35.0000	*	*	*
5	0	126.2000	35.0000	*	*	*
6	0	142.2000	35.0000	*	*	*
7	0	156.2000	35.0000	*	*	*
8	0	176.0000	35.0000	*	*	*
9	0	199.0000	35.0000	*	*	*
10	0	231.2800	35.0000	*	*	*
11	0	255.2800	35.0000	*	*	*
12	0	279.1950	35.0000	*	*	*
13	0	311.1100	35.0000	*	*	*
14	0	349.4080	35.0000	*	*	*
15	0	397.2800	35.0000	*	*	*
16	0	423.8000	80.0000	*	*	*
17	0	24.0720	80.0000	*	*	*
18	0	62.3700	80.0000	*	*	*
19	0	94.2850	80.0000	*	*	*
20	0	126.2000	80.0000	*	*	*
21	0	142.2000	80.0000	*	*	*
22	0	156.2000	80.0000	*	*	*
23	0	176.0000	80.0000	*	*	*
24	0	199.0000	80.0000	*	*	*
25	0	231.2800	80.0000	*	*	*
26	0	255.2800	80.0000	*	*	*
27	0	279.1950	80.0000	*	*	*
28	0	311.1100	80.0000	*	*	*
29	0	349.4080	80.0000	*	*	*
30	0	397.2800	80.0000	*	*	*
31	0	423.8000	115.7240	*	*	*
32	0	24.0720	115.7240	*	*	*
33	0	62.3700	115.7240	*	*	*
34	0	94.2850	115.7240	*	*	*
35	0	126.2000	115.7240	*	*	*
36	0	142.2000	115.7240	*	*	*
37	0	156.2000	115.7240	*	*	*
38	0	176.0000	115.7240	*	*	*
39	0	199.0000	115.7240	*	*	*
40	0	231.2800	115.7240	*	*	*
41	0	255.2800	115.7240	*	*	*
42	0	279.1950	115.7240	*	*	*
43	0	311.1100	115.7240	*	*	*
44	0	349.4080	115.7240	*	*	*
45	0	397.2800	115.7240	*	*	*
46	0	423.8000	138.1120	*	*	*
47	0	24.0720	138.1120	*	*	*
48	0	62.3700	138.1120	*	*	*
49	0	94.2850	138.1120	*	*	*
50	0	126.2000	138.1120	*	*	*
51	0	142.2000	138.1120	*	*	*
52	0	156.2000	138.1120	*	*	*
53	0	176.0000	138.1120	*	*	*

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
54	0	169.0000	138.1120			
55	0	175.0000	138.1120			
56	0	183.0000	138.1120			
57	0	191.0000	138.1120			
58	0	199.0000	138.1120			
59	0	207.6800	138.1120			
60	0	219.2800	138.1120			
61	0	231.2800	138.1120			
62	0	255.2800	138.1120			
63	0	279.1950	138.1120			
64	0	311.1100	138.1120			
65	0	349.4080	138.1120			
66	0	397.2800	138.1120			
67	0	-23.8000	160.5000	*	*	
68	0	24.0720	160.5000			
69	0	62.3700	160.5000			
70	0	94.2850	160.5000			
71	0	126.2000	160.5000			
72	0	142.2000	160.5000			
73	0	156.2000	160.5000			
74	0	162.6000	160.5000			
75	0	169.0000	160.5000			
76	0	176.0000	160.5000			
77	0	183.0000	160.5000			
78	0	191.0000	160.5000			
79	0	199.0000	160.5000			
80	0	207.6800	160.5000			
81	0	219.2800	160.5000			
82	0	231.2800	160.5000			
83	0	255.2800	160.5000			
84	0	279.1950	160.5000			
85	0	311.1100	160.5000			
86	0	349.4080	160.5000			
87	0	397.2800	160.5000	*	*	
88	0	-23.8000	172.5000			
89	0	24.0720	172.5000			
90	0	62.3700	172.5000			
91	0	94.2850	172.5000			
92	0	126.2000	172.5000			
93	0	134.2000	172.5000			
94	0	142.2000	172.5000			
95	0	150.2000	172.5000			
96	0	156.2000	172.5000			
97	0	159.4000	172.5000			
98	0	162.6000	172.5000			
99	0	165.8000	172.5000			
100	0	169.0000	172.5000			
101	0	172.5000	172.5000			
102	0	176.0000	172.5000			
103	0	179.5000	172.5000			
104	0	183.0000	172.5000			
105	0	187.0000	172.5000			
106	0	191.0000	172.5000			

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
107	0	195.0000	172.5000			
108	0	199.0000	172.5000			
109	0	203.3400	172.5000			
110	0	207.6800	172.5000			
111	0	213.4800	172.5000			
112	0	219.2800	172.5000			
113	0	225.2800	172.5000			
114	0	231.2800	172.5000			
115	0	239.2800	172.5000			
116	0	255.2800	172.5000			
117	0	279.1950	172.5000			
118	0	311.1100	172.5000			
119	0	349.4080	172.5000			
120	0	397.2800	172.5000	*		
121	0	-23.8000	180.5000	*		
122	0	24.0720	180.5000			
123	0	62.3700	180.5000			
124	0	94.2850	180.5000			
125	0	126.2000	180.5000			
126	0	134.2000	180.5000			
127	0	142.2000	180.5000			
128	0	150.2000	180.5000			
129	0	156.2000	180.5000			
130	0	159.4000	180.5000			
131	0	162.6000	180.5000			
132	0	165.8000	180.5000			
133	0	169.0000	180.5000			
134	0	172.5000	180.5000			
135	0	176.0000	180.5000			
136	0	179.5000	180.5000			
137	0	182.0000	180.5000			
138	0	187.0000	180.5000			
139	0	191.0000	180.5000			
140	0	195.0000	180.5000			
141	0	199.0000	180.5000			
142	0	203.3400	180.5000			
143	0	207.6800	180.5000			
144	0	213.4800	180.5000			
145	0	219.2800	180.5000			
146	0	225.2800	180.5000			
147	0	231.2800	180.5000			
148	0	239.2800	180.5000			
149	0	255.2800	180.5000			
150	0	279.1950	180.5000			
151	0	311.1100	180.5000			
152	0	349.4080	180.5000			
153	0	397.2800	180.5000	*		
154	0	134.2000	184.5000			
155	0	142.2000	184.5000			
156	0	146.2000	184.5000			
157	0	150.2000	184.5000			
158	0	153.2000	184.5000			
159	0	156.2000	184.5000			

JOINT ANALYSIS

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
160	0	157.8000	184.5000			
161	0	159.4000	184.5000			
162	0	161.0000	184.5000			
163	0	162.6000	184.5000			
164	0	164.2000	184.5000			
165	0	165.8000	184.5000			
166	0	167.4000	184.5000			
167	0	169.0000	184.5000			
168	0	170.7500	184.5000			
169	0	172.5000	184.5000			
170	0	174.2500	184.5000			
171	0	176.0000	184.5000			
172	0	177.7500	184.5000			
173	0	179.5000	184.5000			
174	0	181.2500	184.5000			
175	0	183.0000	184.5000			
176	0	185.0000	184.5000			
177	0	187.0000	184.5000			
178	0	189.0000	184.5000			
179	0	191.0000	184.5000			
180	0	193.0000	184.5000			
181	0	195.0000	184.5000			
182	0	197.0000	184.5000			
183	0	199.0000	184.5000			
184	0	201.7000	184.5000			
185	0	203.3400	184.5000			
186	0	205.5100	184.5000			
187	0	207.6800	184.5000			
188	0	210.5800	184.5000			
189	0	213.4800	184.5000			
190	0	219.2800	184.5000			
191	0	225.2800	184.5000			
192	0	231.2800	184.5000			
193	0	239.2800	184.5000			
194	0	142.2000	186.5000			
195	0	146.2000	186.5000			
196	0	150.2000	186.5000			
197	0	153.2000	186.5000			
198	0	156.2000	186.5000			
199	0	157.8000	186.5000			
200	0	159.4000	186.5000			
201	0	161.0000	186.5000			
202	0	162.6000	186.5000			
203	0	164.2000	186.5000			
204	0	165.8000	186.5000			
205	0	167.4000	186.5000			
206	0	169.0000	186.5000			
207	0	170.7500	186.5000			
208	0	172.5000	186.5000			
209	0	174.2500	186.5000			
210	0	176.0000	186.5000			
211	0	177.7500	186.5000			
212	0	179.5000	186.5000			

## GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
213	0	181.2500	186.5000			
214	0	183.0000	186.5000			
215	0	185.0000	186.5000			
216	0	187.0000	186.5000			
217	0	189.0000	186.5000			
218	0	191.0000	186.5000			
219	0	193.0000	186.5000			
220	0	195.0000	186.5000			
221	0	197.0000	186.5000			
222	0	199.0000	186.5000			
223	0	201.1700	186.5000			
224	0	203.3400	186.5000			
225	0	205.5100	186.5000			
226	0	207.6800	186.5000			
227	0	210.8500	186.5000			
228	0	213.4800	186.5000			
229	0	219.2800	186.5000			
230	0	225.2800	186.5000			
231	0	231.2800	186.5000			
232	0	-	188.5000	*		
233	0	24.0720	188.5000			
234	0	62.3700	188.5000			
235	0	94.2850	188.5000			
236	0	126.2000	188.5000			
237	0	134.2000	188.5000			
238	0	142.2000	188.5000			
239	0	146.2000	188.5000			
240	0	150.2000	188.5000			
241	0	153.2000	188.5000			
242	0	156.2000	188.5000			
243	0	157.8000	188.5000			
244	0	159.4000	188.5000			
245	0	161.0000	188.5000			
246	0	162.6000	188.5000			
247	0	164.2000	188.5000			
248	0	165.8000	188.5000			
249	0	167.4000	188.5000			
250	0	169.0000	188.5000			
251	0	170.7500	188.5000			
252	0	172.5000	188.5000			
253	0	174.2500	188.5000			
254	0	176.0000	188.5000			
255	0	177.7500	188.5000			
256	0	179.5000	188.5000			
257	0	181.2500	188.5000			
258	0	183.0000	188.5000			
259	0	185.0000	188.5000			
260	0	187.0000	188.5000			
261	0	189.0000	188.5000			
262	0	191.0000	188.5000			
263	0	193.0000	188.5000			
264	0	195.0000	188.5000			
265	0	197.0000	188.5000			



JOINT ANALYSIS

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
266	0	199.0000	188.5000			
267	0	201.1700	188.5000			
268	0	203.3400	188.5000			
269	0	205.5100	188.5000			
270	0	207.6800	188.5000			
271	0	210.8500	188.5000			
272	0	213.0200	188.5000			
273	0	215.1900	188.5000			
274	0	217.3600	188.5000			
275	0	219.5300	188.5000			
276	0	221.7000	188.5000			
277	0	223.8700	188.5000			
278	0	226.0400	188.5000			
279	0	228.2100	188.5000			
280	0	230.3800	188.5000			
281	0	232.5500	188.5000			
282	0	234.7200	188.5000			
283	0	236.8900	188.5000			
284	0	239.0600	188.5000			
285	0	241.2300	188.5000			
286	0	243.4000	188.5000			
287	0	245.5700	188.5000			
288	0	247.7400	188.5000			
289	0	249.9100	188.5000			
290	0	252.0800	188.5000			
291	0	254.2500	188.5000			
292	0	256.4200	188.5000			
293	0	258.5900	188.5000			
294	0	260.7600	188.5000			
295	0	262.9300	188.5000			
296	0	265.1000	188.5000			
297	0	267.2700	188.5000			
298	0	269.4400	188.5000			
299	0	271.6100	188.5000			
300	0	273.7800	188.5000			
301	0	275.9500	188.5000			
302	0	278.1200	188.5000			
303	0	280.2900	188.5000			
304	0	282.4600	188.5000			
305	0	284.6300	188.5000			
306	0	286.8000	188.5000			
307	0	288.9700	188.5000			
308	0	291.1400	188.5000			
309	0	293.3100	188.5000			
310	0	295.4800	188.5000			
311	0	297.6500	188.5000			
312	0	299.8200	188.5000			
313	0	301.9900	188.5000			
314	0	304.1600	188.5000			
315	0	306.3300	188.5000			
316	0	308.5000	188.5000			
317	0	310.6700	188.5000			
318	0	312.8400	188.5000			

## GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
319	0	164.2720	192.3750			
320	0	165.8480	192.3750			
321	0	167.4240	192.3750			
322	0	169.0000	192.3750			
323	0	170.5760	192.3750			
324	0	172.1520	192.3750			
325	0	174.2500	192.3750			
326	0	176.0000	192.3750			
327	0	177.7500	192.3750			
328	0	179.5000	192.3750			
329	0	181.2500	192.3750			
330	0	183.0000	192.3750			
331	0	185.0000	192.3750			
332	0	187.0000	192.3750			
333	0	189.0000	192.3750			
334	0	191.0000	192.3750			
335	0	193.0000	192.3750			
336	0	195.0000	192.3750			
337	0	197.0000	192.3750			
338	0	199.0000	192.3750			
339	0	201.1700	192.3750			
340	0	203.3400	192.3750			
341	0	205.5100	192.3750			
342	0	207.6800	192.3750			
343	0	210.5800	192.3750			
344	0	213.4800	192.3750			
345	0	216.3800	192.3750			
346	0	156.4850	194.3120			
347	0	158.0530	194.3120			
348	0	159.6170	194.3120			
349	0	161.1800	194.3120			
350	0	162.7440	194.3120			
351	0	164.3080	194.3120			
352	0	165.8720	194.3120			
353	0	167.4360	194.3120			
354	0	169.0000	194.3120			
355	0	170.5500	194.3120			
356	0	172.5000	194.3120			
357	0	174.4500	194.3120			
358	0	176.0000	194.3120			
359	0	177.7500	194.3120			
360	0	179.5000	194.3120			
361	0	181.2500	194.3120			
362	0	183.0000	194.3120			
363	0	185.0000	194.3120			
364	0	187.0000	194.3120			
365	0	189.0000	194.3120			
366	0	191.0000	194.3120			
367	0	193.0000	194.3120			
368	0	195.0000	194.3120			
369	0	197.0000	194.3120			
370	0	199.0000	194.3120			
371	0	201.1700	194.3120			

JOINT ANALYSIS

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
372	0	203.3400	194.3120			
373	0	205.5100	194.3120			
374	0	207.6800	194.3120			
375	0	210.8800	194.3120			
376	0	213.4800	194.3120			
377	0	214.9300	194.3120			
378	0	156.5850	196.2500			
379	0	158.1370	196.2500			
380	0	159.6890	196.2500			
381	0	161.2410	196.2500			
382	0	162.7920	196.2500			
383	0	164.3440	196.2500			
384	0	165.8960	196.2500			
385	0	167.4480	196.2500			
386	0	169.0000	196.2500			
387	0	170.7500	196.2500			
388	0	172.5000	196.2500			
389	0	174.2500	196.2500			
390	0	176.0000	196.2500			
391	0	177.7500	196.2500			
392	0	179.5000	196.2500			
393	0	181.2500	196.2500			
394	0	183.0000	196.2500			
395	0	185.0000	196.2500			
396	0	187.0000	196.2500			
397	0	189.0000	196.2500			
398	0	191.0000	196.2500			
399	0	193.0000	196.2500			
400	0	195.0000	196.2500			
401	0	197.0000	196.2500			
402	0	199.0000	196.2500			
403	0	201.1700	196.2500			
404	0	203.3400	196.2500			
405	0	205.5100	196.2500			
406	0	207.6800	196.2500			
407	0	210.8800	196.2500			
408	0	213.4800	196.2500			
409	0	156.7770	200.1250			
410	0	159.8330	200.1250			
411	0	162.8890	200.1250			
412	0	165.9440	200.1250			
413	0	169.0000	200.1250			
414	0	172.5000	200.1250			
415	0	176.0000	200.1250			
416	0	179.5000	200.1250			
417	0	183.0000	200.1250			
418	0	187.0000	200.1250			
419	0	191.0000	200.1250			
420	0	195.0000	200.1250			
421	0	199.0000	200.1250			
422	0	203.3400	200.1250			
423	0	207.6800	200.1250			
424	0	210.8800	200.1250			

## GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
425	0	156.9700	204.0000			
426	0	159.9770	204.0000			
427	0	162.9850	204.0000			
428	0	165.9920	204.0000			
429	0	169.0000	204.0000			
430	0	172.5000	204.0000			
431	0	176.0000	204.0000			
432	0	179.5000	204.0000			
433	0	183.0000	204.0000			
434	0	187.0000	204.0000			
435	0	191.0000	204.0000			
436	0	195.0000	204.0000			
437	0	199.0000	204.0000			
438	0	203.0000	204.0000			
439	0	207.0000	204.0000			
440	0	211.0000	208.0000			
441	0	160.1280	208.0000			
442	0	163.0850	208.0000			
443	0	166.0420	208.0000			
444	0	169.0000	208.0000			
445	0	172.5000	208.0000			
446	0	176.0000	208.0000			
447	0	179.5000	208.0000			
448	0	183.0000	208.0000			
449	0	187.0000	208.0000			
450	0	191.0000	208.0000			
451	0	195.0000	208.0000			
452	0	199.0000	208.0000			
453	0	203.1920	208.0000			
454	0	204.5900	208.0000			
455	0	157.2700	210.0000			
456	0	160.2030	210.0000			
457	0	163.1350	210.0000			
458	0	166.0680	210.0000			
459	0	169.0000	210.0000			
460	0	172.5000	210.0000			
461	0	176.0000	210.0000			
462	0	179.5000	210.0000			
463	0	183.0000	210.0000			
464	0	187.0000	210.0000			
465	0	191.0000	210.0000			
466	0	195.0000	210.0000			
467	0	199.0000	210.0000			
468	0	203.1920	210.0000			
469	0	157.2960	212.5000			
470	0	160.2970	212.5000			
471	0	163.1980	212.5000			
472	0	166.0990	212.5000			
473	0	169.0000	212.5000			
474	0	172.5000	212.5000			
475	0	176.0000	212.5000			
476	0	179.5000	212.5000			
477	0	183.0000	212.5000			

JOINT ANALYSIS

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
478	0	187.0000	212.5000			
479	0	191.0000	212.5000			
480	0	195.0000	212.5000			
481	0	199.0000	212.5000			
482	0	201.3200	212.5000			
483	0	157.5520	215.6250			
484	0	160.4140	215.6250			
485	0	163.2760	215.6250			
486	0	166.1380	215.6250			
487	0	169.0000	215.6250			
488	0	172.5000	215.6250			
489	0	176.0000	215.6250			
490	0	179.5000	215.6250			
491	0	183.0000	215.6250			
492	0	187.0000	215.6250			
493	0	191.0000	215.6250			
494	0	196.4430	215.6250			
495	0	198.8820	215.6250			
496	0	157.7090	218.7500			
497	0	160.5320	218.7500			
498	0	163.3550	218.7500			
499	0	166.1770	218.7500			
500	0	169.0000	218.7500			
501	0	172.5000	218.7500			
502	0	176.0000	218.7500			
503	0	179.5000	218.7500			
504	0	183.0000	218.7500			
505	0	187.0000	218.7500			
506	0	191.0000	218.7500			
507	0	196.4430	218.7500			
508	0	157.8660	221.8750			
509	0	160.6490	221.8750			
510	0	163.4330	221.8750			
511	0	166.2170	221.8750			
512	0	169.0000	221.8750			
513	0	172.5000	221.8750			
514	0	176.0000	221.8750			
515	0	179.5000	221.8750			
516	0	183.0000	221.8750			
517	0	187.0000	221.8750			
518	0	191.0000	221.8750			
519	0	194.0050	221.8750			
520	0	157.9320	223.1930			
521	0	160.6990	223.1930			
522	0	163.4660	223.1930			
523	0	166.6050	223.1930			
524	0	169.0230	223.1930			
525	0	171.7670	223.1930			
526	0	174.5110	223.1930			
527	0	177.2550	223.1930			
528	0	179.9990	223.1930			
529	0	182.7430	223.1930			
530	0	185.4870	223.1930			

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
531	0	179.5000	225.0000			
532	0	183.0000	225.0000			
533	0	185.4500	225.0000			
534	0	187.9000	225.0000			
535	0	191.5670	225.0000			
536	0	158.1140	226.8070			
537	0	160.9350	226.8070			
538	0	163.5560	226.8070			
539	0	166.6030	226.8070			
540	0	169.0000	226.8070			
541	0	171.3950	226.8070			
542	0	176.0000	226.8070			
543	0	179.5000	226.8070			
544	0	183.0000	226.8070			
545	0	184.8840	226.8070			
546	0	187.9000	226.8070			
547	0	190.1570	226.8070			
548	0	158.1830	228.1930			
549	0	160.8870	228.1930			
550	0	163.5910	228.1930			
551	0	166.6030	228.1930			
552	0	179.5000	229.7000			
553	0	183.0000	229.7000			
554	0	185.4500	229.7000			
555	0	187.9000	229.7000			
556	0	158.2730	230.0000			
557	0	160.9550	230.0000			
558	0	163.6370	230.0000			
559	0	166.6040	230.0000			
560	0	168.9980	230.0000			
561	0	171.3940	230.0000			
562	0	176.0000	230.0000			
563	0	171.3920	231.8070			
564	0	176.0000	231.8070			
565	0	179.5000	231.8070			
566	0	183.0000	231.8070			
567	0	186.2840	231.8070			
568	0	158.4340	233.1930			
569	0	161.0750	233.1930			
570	0	163.7160	233.1930			
571	0	166.6050	233.1930			
572	0	168.9990	233.1930			
573	0	171.3940	233.1930			
574	0	176.0000	233.1930			
575	0	179.5000	233.1930			
576	0	183.0000	233.1930			
577	0	185.2210	233.1930			
578	0	158.5240	235.0000			
579	0	161.1430	235.0000			
580	0	163.7620	235.0000			
581	0	166.6050	235.0000			
582	0	169.0000	235.0000			
583	0	171.3950	235.0000			

JOINT ANALYSIS

GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
584	0	176.0000	235.0000			
585	0	179.5000	235.0000			
586	0	183.8350	235.0000			
587	0	171.3950	236.8070			
588	0	176.0000	236.8070			
589	0	179.5000	236.8070			
590	0	182.4480	236.8070			
591	0	158.6840	238.1930			
592	0	161.2630	238.1930			
593	0	163.8410	238.1930			
594	0	166.6050	238.1930			
595	0	169.0000	238.1930			
596	0	171.3950	238.1930			
597	0	175.0000	238.1930			
598	0	179.5000	238.1930			
599	0	181.3860	238.1930			
600	0	169.0000	240.0000			
601	0	171.3950	240.0000			
602	0	175.0000	240.0000			
603	0	179.9990	240.0000			
604	0	158.8000	240.5000			
605	0	161.3450	240.5000			
606	0	163.8990	240.5000			
607	0	166.6050	240.5000			
608	0	171.3950	241.8070			
609	0	175.9900	241.8070			
610	0	178.6130	241.8070			
611	0	158.9290	243.1930			
612	0	161.4470	243.1930			
613	0	163.9650	243.1930			
614	0	166.6050	243.1930			
615	0	169.0000	243.1930			
616	0	171.3950	243.1930			
617	0	175.9830	243.1930			
618	0	177.5500	243.1930			
619	0	169.0000	245.0000			
620	0	159.0410	245.5000			
621	0	161.5300	245.5000			
622	0	164.0200	245.5000			
623	0	166.5100	245.5000			
624	0	169.0000	245.5000			
625	0	169.6620	245.5000			
626	0	171.3950	245.5000			
627	0	175.7810	245.5000			
628	0	170.2260	246.8070			
629	0	171.3950	246.8070			
630	0	158.4600	247.0000			
631	0	161.5300	247.0000			
632	0	164.0200	247.0000			
633	0	166.5100	247.0000			
634	0	174.6300	247.0000			
635	0	157.4840	249.5000			
636	0	161.5310	249.5000			

## GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
637	0	164.0210	249.5000			
638	0	166.5110	249.5000			
639	0	170.4060	249.5000			
640	0	172.7500	249.5000			
641	0	171.8800	250.6600			
642	0	156.9000	251.0000			
643	0	161.5310	251.0000			
644	0	164.0210	251.0000			
645	0	166.5110	251.0000			
646	0	170.4070	251.0000			
647	0	156.9000	254.1250			
648	0	161.5310	254.1250			
649	0	164.0210	254.1250			
650	0	166.5110	254.1250			
651	0	169.7630	254.1250			
652	0	156.9000	257.2500			
653	0	161.5310	257.2500			
654	0	164.0210	257.2500			
655	0	166.5110	257.2500			
656	0	168.5330	257.2500			
657	0	156.9000	260.3750			
658	0	161.5310	260.3750			
659	0	164.0210	260.3750			
660	0	166.5110	260.3750			
661	0	167.8290	260.3750			
662	0	156.9000	263.5000			
663	0	161.5310	263.5000			
664	0	164.0210	263.5000			
665	0	166.5110	263.5000			
666	0	167.6000	263.5000			
667	0	156.9000	266.5000			
668	0	161.5310	266.5000			
669	0	164.0210	266.5000			
670	0	166.5110	266.5000			
671	0	167.6000	266.5000			
1250	0	169.0000	188.5000			
1251	0	169.0000	190.4380			
1222	0	169.0000	192.3750			
1354	0	169.0000	194.3120			
1366	0	169.0000	196.2500			
1413	0	169.0000	200.1250			
1429	0	169.0000	204.0000			
1444	0	169.0000	208.0000			
1439	0	169.0000	210.0000			
1432	0	169.0000	212.5000			
1487	0	169.0000	215.6250			
1500	0	169.0000	218.7500			
1512	0	169.0000	221.8750			
1528	0	169.0000	225.0000			
1540	0	169.0000	226.8070			
1560	0	168.9980	230.0000			
1572	0	168.9990	233.1930			
1582	0	169.0000	235.0000			



GRID POINT COORDINATES

GRID	LOCAL	X	Y	FIX-X	FIX-Y	FIX-RZ
1595	0	169.0000	238.1930			
1600	0	169.0000	240.0000			
1615	0	169.0000	242.1930			
1619	0	169.0000	245.0000			
1624	0	169.0000	245.5000			
1628	0	170.2260	246.8070			
1640	0	172.7500	249.5000			
1258	0	183.0000	188.5000			
1298	0	183.0000	190.4280			
1330	0	183.0000	192.3750			
1352	0	183.0000	194.3120			
1394	0	183.0000	196.2500			
1417	0	183.0000	200.1250			
1433	0	183.0000	204.0000			
1448	0	183.0000	208.0000			
1463	0	183.0000	210.0000			
1477	0	183.0000	212.5000			
1491	0	183.0000	215.6250			
1504	0	183.0000	218.7500			
1516	0	183.0000	221.8750			
1532	0	183.0000	225.0000			
1545	0	184.8840	226.8070			
1555	0	187.9000	229.7000			
1266	0	199.0000	188.5000			
1306	0	199.0000	190.4380			
1338	0	199.0000	192.3750			
1370	0	199.0000	194.3120			
1402	0	199.0000	196.2500			
1421	0	199.0000	200.1250			
1437	0	199.0000	204.0000			
1452	0	199.0000	208.0000			
1467	0	199.0000	210.0000			
1482	0	201.3200	212.5000			

TYPING DATA FOR GRID POINTS

$$(GRID,COMPONENT) = SIGMA ( (GRID,COMPONENT)*ALFA )$$

$$( 528,1 ) = ( 1528,1 ) * 1.000000$$

$$( 528,2 ) = ( 1528,2 ) * 1.000000$$

$$( 528,6 ) = ( 1528,6 ) * 1.000000$$

$$( 560,1 ) = ( 1560,1 ) * 1.000000$$

$$( 560,2 ) = ( 1560,2 ) * 1.000000$$

$$( 560,6 ) = ( 1560,6 ) * 1.000000$$

TYING DATA FOR GRID POINTS

(GRID\_COMPONENT) = SIGMA ( (GRID\_COMPONENT)\*ALFA )

( 582,1) = (1582,1) \* 1.000000

( 582,2) = (1582,2) \* 1.000000

( 582,6) = (1582,6) \* 1.000000

( 600,1) = (1600,1) \* 1.000000

( 600,2) = (1600,2) \* 1.000000

( 600,6) = (1600,6) \* 1.000000

( 619,1) = (1619,1) \* 1.000000

( 619,2) = (1619,2) \* 1.000000

( 619,6) = (1619,6) \* 1.000000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
1	60	1	2	17	16	1.0000
2	60	2	3	18	17	1.0000
3	60	3	4	19	18	1.0000
4	60	4	5	20	19	1.0000
5	60	5	6	21	20	1.0000
6	60	6	7	22	21	1.0000
7	60	7	8	23	22	1.0000
8	60	8	9	24	23	1.0000
9	60	9	10	25	24	1.0000
10	60	10	11	26	25	1.0000
11	60	11	12	27	26	1.0000
12	60	12	13	28	27	1.0000
13	60	13	14	29	28	1.0000
14	60	14	15	30	29	1.0000
15	60	15	16	31	30	1.0000
16	60	16	17	32	31	1.0000
17	60	17	18	33	32	1.0000
18	60	18	19	34	33	1.0000
19	60	19	20	35	34	1.0000
20	60	20	21	36	35	1.0000
21	60	21	22	37	36	1.0000
22	60	22	23	38	37	1.0000
23	60	23	24	39	38	1.0000
24	60	24	25	40	39	1.0000
25	60	25	26	41	40	1.0000
26	60	26	27	42	41	1.0000
27	60	27	28	43	42	1.0000
28	60	28	29	44	43	1.0000
29	60	29	30	45	44	1.0000
30	60	30	31	46	45	1.0000
31	60	31	32	47	46	1.0000
32	60	32	33	48	47	1.0000
33	60	33	34	49	48	1.0000
34	60	34	35	50	49	1.0000
35	60	35	36	51	50	1.0000
36	60	36	37	52	51	1.0000
37	60	37	38	53	52	1.0000
38	60	38	39	54	53	1.0000
39	60	39	40	55	54	1.0000
40	60	40	41	56	55	1.0000
41	60	41	42	57	56	1.0000
42	60	42	43	58	57	1.0000
43	60	43	44	59	58	1.0000
44	60	44	45	60	59	1.0000
45	60	45	46	61	60	1.0000
46	60	46	47	62	61	1.0000
47	60	47	48	63	62	1.0000
48	60	48	49	64	63	1.0000
49	60	49	50	65	64	1.0000
50	60	50	51	66	65	1.0000
51	60	51	52	67	66	1.0000
52	60	52	53	68	67	1.0000
53	60	53	54	69	68	1.0000
				70	69	1.0000
				71	70	1.0000
				72	71	1.0000
				73	72	1.0000

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ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I 1	I 2	I 3	I 4	T
54	60	51	52	73	72	1.0000
55	60	52	53	74	73	1.0000
56	60	53	54	75	74	1.0000
57	60	54	55	76	75	1.0000
58	60	55	56	77	76	1.0000
59	60	56	57	78	77	1.0000
60	60	57	58	79	78	1.0000
61	60	58	59	80	79	1.0000
62	60	59	60	81	80	1.0000
63	60	60	61	82	81	1.0000
64	60	61	62	83	82	1.0000
65	60	62	63	84	83	1.0000
66	60	63	64	85	84	1.0000
67	60	64	65	86	85	1.0000
68	60	65	66	87	86	1.0000
69	60	66	67	88	87	1.0000
70	60	67	68	89	88	1.0000
71	60	68	69	90	89	1.0000
72	60	69	70	91	90	1.0000
73	60	70	71	92	91	1.0000
74	60	71	72	93	92	1.0000
75	60	72	73	94	93	1.0000
76	60	73	74	95	94	1.0000
77	60	74	75	96	95	1.0000
78	60	75	76	97	96	1.0000
79	60	76	77	98	97	1.0000
80	60	77	78	99	98	1.0000
81	60	78	79	100	99	1.0000
82	60	79	80	101	100	1.0000
83	60	80	81	102	101	1.0000
84	60	81	82	103	102	1.0000
85	60	82	83	104	103	1.0000
86	60	83	84	105	104	1.0000
87	60	84	85	106	105	1.0000
88	60	85	86	107	106	1.0000
89	60	86	87	108	107	1.0000
90	60	87	88	109	108	1.0000
91	60	88	89	110	109	1.0000
92	60	89	90	111	110	1.0000
93	60	90	91	112	111	1.0000
94	60	91	92	113	112	1.0000
95	60	92	93	114	113	1.0000
96	60	93	94	115	114	1.0000
97	60	94	95	116	115	1.0000
98	60	95	96	117	116	1.0000
99	60	96	97	118	117	1.0000
100	60	97	98	119	118	1.0000
101	60	98	99	120	119	1.0000
102	60	99	100	121	120	1.0000
103	60	100	101	122	121	1.0000
104	60	101	102	123	122	1.0000
105	60	102	103	124	123	1.0000
106	60	103	104	125	124	1.0000
		104	105	126	125	1.0000
		105	106	127	126	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
107	60	94	95	128	127	1.0000
108	60	95	96	129	128	1.0000
109	60	96	97	130	129	1.0000
110	60	97	98	131	130	1.0000
111	60	98	99	132	131	1.0000
112	60	99	100	133	132	1.0000
113	60	100	101	134	133	1.0000
114	60	101	102	135	134	1.0000
115	60	102	103	136	135	1.0000
116	60	103	104	137	136	1.0000
117	60	104	105	138	137	1.0000
118	60	105	106	139	138	1.0000
119	60	106	107	140	139	1.0000
120	60	107	108	141	140	1.0000
121	60	108	109	142	141	1.0000
122	60	109	110	143	142	1.0000
123	60	110	111	144	143	1.0000
124	60	111	112	145	144	1.0000
125	60	112	113	146	145	1.0000
126	60	113	114	147	146	1.0000
127	60	114	115	148	147	1.0000
128	60	115	116	149	148	1.0000
129	60	116	117	150	149	1.0000
130	60	117	118	151	150	1.0000
131	60	118	119	152	151	1.0000
132	60	119	120	153	152	1.0000
133	60	120	121	233	232	1.0000
134	60	121	122	234	233	1.0000
135	60	122	123	235	234	1.0000
136	60	123	124	236	235	1.0000
137	60	124	125	254	236	1.0000
138	60	125	126	255	237	1.0000
139	60	126	127	256	238	1.0000
140	60	127	128	155	154	1.0000
141	60	128	129	156	155	1.0000
142	60	129	130	157	156	1.0000
143	60	130	131	158	157	1.0000
144	60	131	132	159	158	1.0000
145	60	132	133	160	159	1.0000
146	60	133	134	161	160	1.0000
147	60	134	135	162	161	1.0000
148	60	135	136	163	162	1.0000
149	60	136	137	164	163	1.0000
150	60	137	138	165	164	1.0000
151	60	138	139	166	165	1.0000
152	60	139	140	167	166	1.0000
153	60	140	141	168	167	1.0000
154	60	141	142	169	168	1.0000
155	60	142	143	170	169	1.0000
156	60	143	144	171	170	1.0000
157	60	144	145	172	171	1.0000
158	60	145	146	173	172	1.0000
159	60	146	147	174	173	1.0000
160	60	147	148	175	174	1.0000
161	60	148	149	176	175	1.0000
162	60	149	150	177	176	1.0000

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ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
160	60	176	138	177	177	.0000
161	60	138	178	177	177	.0000
162	60	138	139	179	178	.0000
163	60	139	140	180	179	.0000
164	60	140	141	181	181	.0000
165	60	141	142	182	181	.0000
166	60	142	143	183	182	.0000
167	60	143	144	184	183	.0000
168	60	144	145	185	184	.0000
169	60	145	146	186	185	.0000
170	60	146	147	187	186	.0000
171	60	147	148	188	187	.0000
172	60	148	149	189	188	.0000
173	60	149	150	190	189	.0000
174	60	150	151	191	190	.0000
175	60	151	152	192	191	.0000
176	60	152	153	193	192	.0000
177	60	153	154	194	193	.0000
178	60	154	155	195	194	.0000
179	60	155	156	196	195	.0000
180	60	156	157	197	196	.0000
181	60	157	158	198	197	.0000
182	60	158	159	199	198	.0000
183	60	159	160	200	199	.0000
184	60	160	161	201	200	.0000
185	60	161	162	202	201	.0000
186	60	162	163	203	202	.0000
187	60	163	164	204	203	.0000
188	60	164	165	205	204	.0000
189	60	165	166	206	205	.0000
190	60	166	167	207	206	.0000
191	60	167	168	208	207	.0000
192	60	168	169	209	208	.0000
193	60	169	170	210	209	.0000
194	60	170	171	211	210	.0000
195	60	171	172	212	211	.0000
196	60	172	173	213	212	.0000
197	60	173	174	214	213	.0000
198	60	174	175	215	214	.0000
199	60	175	176	216	215	.0000
200	60	176	177	217	216	.0000
201	60	177	178	218	217	.0000
202	60	178	179	219	218	.0000
203	60	179	180	220	219	.0000
204	60	180	181	221	220	.0000
205	60	181	182	222	221	.0000
206	60	182	183			

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
213	60	183	184	223	222	1.0000
214	60	184	185	224	223	1.0000
215	60	185	186	225	224	1.0000
216	60	186	187	226	225	1.0000
217	60	187	188	227	226	1.0000
218	60	188	189	228	227	1.0000
219	60	189	190	229	228	1.0000
220	60	190	191	230	229	1.0000
221	60	191	192	231	230	1.0000
222	60	192	193	232	231	1.0000
223	60	193	194	233	232	1.0000
224	60	194	195	234	233	1.0000
225	60	195	196	235	234	1.0000
226	60	196	197	236	235	1.0000
227	60	197	198	237	236	1.0000
228	60	198	199	238	237	1.0000
229	60	199	200	239	238	1.0000
230	60	200	201	240	239	1.0000
231	60	201	202	241	240	1.0000
232	60	202	203	242	241	1.0000
233	60	203	204	243	242	1.0000
234	60	204	205	244	243	1.0000
235	60	205	206	245	244	1.0000
236	60	206	207	246	245	1.0000
237	60	207	208	247	246	1.0000
238	60	208	209	248	247	1.0000
239	60	209	210	249	248	1.0000
240	60	210	211	250	249	1.0000
241	60	211	212	251	250	1.0000
242	60	212	213	252	251	1.0000
243	60	213	214	253	252	1.0000
244	60	214	215	254	253	1.0000
245	60	215	216	255	254	1.0000
246	60	216	217	256	255	1.0000
247	60	217	218	257	256	1.0000
248	60	218	219	258	257	1.0000
249	60	219	220	259	258	1.0000
250	60	220	221	260	259	1.0000
251	60	221	222	261	260	1.0000
252	60	222	223	262	261	1.0000
253	60	223	224	263	262	1.0000
254	60	224	225	264	263	1.0000
255	60	225	226	265	264	1.0000
256	60	226	227	266	265	1.0000
257	60	227	228	267	266	1.0000
258	60	228	229	268	267	1.0000
259	60	229	230	269	268	1.0000
260	60	230	231	270	269	1.0000
261	60	231	232	271	270	1.0000
262	60	232	233	272	271	1.0000
263	60	233	234	273	272	1.0000
264	60	234	235	274	273	1.0000
265	60	235	236	275	274	1.0000
266	60	236	237	276	275	1.0000
267	60	237	238	277	276	1.0000
268	60	238	239	278	277	1.0000
269	60	239	240	279	278	1.0000
270	60	240	241	280	279	1.0000
271	60	241	242	281	280	1.0000
272	60	242	243	282	281	1.0000
273	60	243	244	283	282	1.0000
274	60	244	245	284	283	1.0000
275	60	245	246	285	284	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
266	1	245	246	286	285	1.0000
267	1	246	247	287	286	1.0000
268	1	247	248	288	287	1.0000
269	1	248	249	289	288	1.0000
270	1	249	250	290	289	1.0000
271	1	250	251	291	1290	1.0000
272	1	251	252	292	291	1.0000
273	1	252	253	293	292	1.0000
274	1	253	254	294	293	1.0000
275	1	254	255	295	294	1.0000
276	1	255	256	296	295	1.0000
277	1	256	257	297	296	1.0000
278	1	257	258	298	297	1.0000
279	1	258	259	299	298	1.0000
280	1	259	260	300	299	1.0000
281	1	260	261	301	300	1.0000
282	1	261	262	302	301	1.0000
283	1	262	263	303	302	1.0000
284	1	263	264	304	303	1.0000
285	1	264	265	305	304	1.0000
286	1	265	266	306	305	1.0000
287	1	266	267	307	306	1.0000
288	1	267	268	308	307	1.0000
289	1	268	269	309	308	1.0000
290	1	269	270	310	309	1.0000
291	1	270	271	311	310	1.0000
292	1	271	272	312	311	1.0000
293	1	272	273	313	312	1.0000
294	1	273	274	314	313	1.0000
295	1	274	275	315	314	1.0000
296	1	275	276	316	315	1.0000
297	1	276	277	317	316	1.0000
298	1	277	278	318	317	1.0000
299	1	278	279	319	318	1.0000
300	1	279	280	320	319	1.0000
301	1	280	281	321	320	1.0000
302	1	281	282	322	321	1.0000
303	1	282	283	323	322	1.0000
304	1	283	284	324	323	1.0000
305	1	284	285	325	324	1.0000
306	1	285	286	326	325	1.0000
307	1	286	287	327	326	1.0000
308	1	287	288	328	327	1.0000
309	1	288	289	329	328	1.0000
310	1	289	290	330	329	1.0000
311	1	290	291	331	330	1.0000
312	1	291	292	332	331	1.0000
313	1	292	293	333	332	1.0000
314	1	293	294	334	333	1.0000
315	1	294	295	335	334	1.0000
316	1	295	296	336	335	1.0000
317	1	296	297	337	336	1.0000
318	1	297	298	338	337	1.0000
319	1	298	299	339	338	1.0000
320	1	299	300	339	339	1.0000
321	1	300	301	339	339	1.0000
322	1	301	302	339	339	1.0000
323	1	302	303	339	339	1.0000
324	1	303	304	339	339	1.0000
325	1	304	305	339	339	1.0000
326	1	305	306	339	339	1.0000
327	1	306	307	339	339	1.0000
328	1	307	307	339	339	1.0000
329	1	308	307	339	339	1.0000
330	1	309	307	339	339	1.0000
331	1	310	307	339	339	1.0000
332	1	311	307	339	339	1.0000
333	1	312	307	339	339	1.0000
334	1	313	307	339	339	1.0000
335	1	314	307	339	339	1.0000
336	1	315	307	339	339	1.0000
337	1	316	307	339	339	1.0000
338	1	317	307	339	339	1.0000
339	1	318	307	339	339	1.0000



ISOPARAMETRIC ELEMENT		ELEMENT MATERIAL						
		I1	I2	I3	I4	I4	T	
319	2	307	308	340	339		1.0000	
320	2	308	309	341	340		1.0000	
321	2	309	310	342	341		1.0000	
322	2	310	311	343	342		1.0000	
323	2	311	312	344	343		1.0000	
324	2	312	313	345	344		1.0000	
325	2	314	315	347	346		1.0000	
326	2	315	316	348	347		1.0000	
327	2	316	317	349	348		1.0000	
328	2	317	318	350	349		1.0000	
329	2	318	319	351	350		1.0000	
330	2	319	320	352	351		1.0000	
331	2	320	321	353	352		1.0000	
332	2	321	322	354	353		1.0000	
333	2	1322	323	355	1354		1.0000	
334	2	323	324	356	355		1.0000	
335	2	324	325	357	356		1.0000	
336	2	325	326	358	357		1.0000	
337	2	326	327	359	358		1.0000	
338	2	327	328	360	359		1.0000	
339	2	328	329	361	360		1.0000	
340	2	329	330	362	361		1.0000	
341	2	1330	331	363	1362		1.0000	
342	2	331	332	364	363		1.0000	
343	2	332	333	365	364		1.0000	
344	2	333	334	366	365		1.0000	
345	2	334	335	367	366		1.0000	
346	2	335	336	368	367		1.0000	
347	2	336	337	369	368		1.0000	
348	2	337	338	370	369		1.0000	
349	2	1338	339	371	1370		1.0000	
350	2	339	340	372	371		1.0000	
351	2	340	341	373	372		1.0000	
352	2	341	342	374	373		1.0000	
353	2	342	343	375	374		1.0000	
354	2	343	344	376	375		1.0000	
355	2	344	345	377	376		1.0000	
356	4	346	347	379	378		1.0000	
357	4	347	348	380	379		1.0000	
358	4	348	349	381	380		1.0000	
359	4	349	350	382	381		1.0000	
360	4	350	351	383	382		1.0000	
361	4	351	352	384	383		1.0000	
362	4	352	353	385	384		1.0000	
363	4	353	354	386	385		1.0000	
364	4	1354	355	387	1386		1.0000	
365	4	355	356	388	387		1.0000	
366	4	356	357	389	388		1.0000	
367	4	357	358	390	389		1.0000	
368	4	358	359	391	390		1.0000	
369	4	359	360	392	391		1.0000	
370	4	360	361	393	392		1.0000	
371	4	361	362	394	393		1.0000	

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
372	4	1362	363	395	1394	1.0000
373	4	364	395	396	395	1.0000
374	4	364	395	397	395	1.0000
375	4	365	396	398	397	1.0000
376	4	365	396	398	397	1.0000
377	4	367	398	400	399	1.0000
378	4	368	401	401	400	1.0000
379	4	369	370	402	401	1.0000
380	4	370	402	403	1402	1.0000
381	4	371	404	403	403	1.0000
382	4	372	372	405	404	1.0000
383	4	373	374	406	405	1.0000
384	4	374	375	407	406	1.0000
385	4	375	376	408	407	1.0000
386	4	376	377	408	408	1.0000
387	4	376	377	408	408	1.0000
388	5	378	379	410	409	1.0000
389	5	379	380	410	410	1.0000
390	5	380	381	410	410	1.0000
391	5	381	382	411	410	1.0000
392	5	382	383	412	411	1.0000
393	5	383	384	412	412	1.0000
394	5	384	385	412	412	1.0000
395	5	385	386	413	412	1.0000
396	5	386	387	414	1413	1.0000
397	5	387	388	414	414	1.0000
398	5	388	389	414	414	1.0000
399	5	389	390	415	414	1.0000
400	5	390	391	416	415	1.0000
401	5	391	392	416	416	1.0000
402	5	392	393	416	416	1.0000
403	5	393	394	417	416	1.0000
404	5	394	395	418	1417	1.0000
405	5	395	396	418	418	1.0000
406	5	396	397	418	418	1.0000
407	5	397	398	419	418	1.0000
408	5	398	399	420	419	1.0000
409	5	399	400	420	420	1.0000
410	5	400	401	420	420	1.0000
411	5	401	402	421	420	1.0000
412	5	1402	403	422	1421	1.0000
413	5	403	404	422	422	1.0000
414	5	404	405	422	422	1.0000
415	5	405	406	423	423	1.0000
416	5	406	407	424	423	1.0000
417	5	407	408	424	424	1.0000
418	5	408	409	425	424	1.0000
419	5	410	411	427	425	1.0000
420	5	411	412	428	426	1.0000
421	5	412	413	429	427	1.0000
422	5	1413	414	430	428	1.0000
423	5	414	415	431	1429	1.0000
424	5	415	416	432	430	1.0000
425	5	416	417	433	431	1.0000
426	5	417	418	433	432	1.0000

JOINT ANALYSIS

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
425	6	1417	418	434	1433	1.0000
426	6	418	419	435	434	1.0000
427	6	419	420	436	435	1.0000
428	6	420	421	437	436	1.0000
429	6	1421	422	438	1437	1.0000
430	6	422	423	439	438	1.0000
431	6	423	424	439	439	1.0000
432	7	425	426	441	440	1.0000
433	7	426	427	442	441	1.0000
434	7	427	428	443	442	1.0000
435	7	428	429	444	443	1.0000
436	7	1428	430	445	1444	1.0000
437	7	430	431	445	445	1.0000
438	7	431	432	447	446	1.0000
439	7	432	433	448	447	1.0000
440	7	1433	434	449	1448	1.0000
441	7	434	435	450	449	1.0000
442	7	435	436	451	450	1.0000
443	7	436	437	452	451	1.0000
444	7	1437	438	453	1452	1.0000
445	7	438	439	454	453	1.0000
446	8	440	441	456	455	1.0000
447	8	441	442	457	456	1.0000
448	8	442	443	458	457	1.0000
449	8	443	444	459	458	1.0000
450	8	1444	445	460	1459	1.0000
451	8	445	446	461	460	1.0000
452	8	446	447	462	461	1.0000
453	8	447	448	463	462	1.0000
454	8	1448	449	464	1463	1.0000
455	8	449	450	465	464	1.0000
456	8	450	451	466	465	1.0000
457	8	451	452	467	466	1.0000
458	8	1452	453	468	1467	1.0000
459	8	452	454	468	468	1.0000
460	9	455	456	470	469	1.0000
461	9	456	457	471	470	1.0000
462	9	457	458	472	471	1.0000
463	9	458	459	473	472	1.0000
464	9	1459	460	474	1473	1.0000
465	9	460	461	475	474	1.0000
466	9	461	462	476	475	1.0000
467	9	462	463	477	476	1.0000
468	9	1463	464	478	1477	1.0000
469	9	464	465	479	478	1.0000
470	9	465	466	480	479	1.0000
471	9	466	467	481	480	1.0000
472	9	1467	468	1482	1482	1.0000
473	9	467	468	481	481	1.0000
474	10	469	470	484	483	1.0000
475	10	470	471	485	484	1.0000
476	10	471	472	486	485	1.0000
477	10	472	473	487	486	1.0000

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ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
478	10	1473	474	488	1487	1.0000
479	10	474	475	489	488	1.0000
480	10	475	476	490	489	1.0000
481	10	476	477	491	490	1.0000
482	10	1477	477	492	1491	1.0000
483	10	477	478	493	492	1.0000
484	10	478	480	494	493	1.0000
485	10	480	481	495	494	1.0000
486	10	481	482	495	495	1.0000
487	11	483	484	497	496	1.0000
488	11	484	485	498	497	1.0000
489	11	485	486	498	498	1.0000
490	11	486	487	499	499	1.0000
491	11	1487	488	500	1500	1.0000
492	11	488	489	502	501	1.0000
493	11	489	490	503	502	1.0000
494	11	490	491	504	503	1.0000
495	11	1491	492	505	1504	1.0000
496	11	492	493	506	505	1.0000
497	11	493	494	507	506	1.0000
498	11	494	495	507	507	1.0000
499	12	496	497	509	508	1.0000
500	12	497	498	510	509	1.0000
501	12	498	499	511	510	1.0000
502	12	499	500	512	511	1.0000
503	12	1500	501	513	1512	1.0000
504	12	501	502	514	513	1.0000
505	12	502	503	515	514	1.0000
506	12	503	504	516	515	1.0000
507	12	1504	505	517	1516	1.0000
508	12	505	506	518	517	1.0000
509	12	506	507	519	518	1.0000
510	12	507	508	521	520	1.0000
511	12	508	509	522	521	1.0000
512	12	509	510	523	522	1.0000
513	13	510	511	523	523	1.0000
514	13	511	512	528	523	1.0000
515	13	1512	513	529	1528	1.0000
516	13	513	514	530	529	1.0000
517	13	514	515	531	530	1.0000
518	13	515	516	532	531	1.0000
519	13	1516	517	533	1532	1.0000
520	13	517	518	534	534	1.0000
521	13	518	519	535	534	1.0000
522	13	519	521	535	535	1.0000
523	13	520	522	535	535	1.0000
524	13	521	523	536	536	1.0000
525	13	522	524	537	537	1.0000
526	13	523	525	538	538	1.0000
527	13	524	526	539	539	1.0000
528	13	525	527	540	540	1.0000
529	13	526	528	541	541	1.0000
530	13	1527	529	541	1541	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
531	18	528	541	540	540	1.0000
532	18	529	540	541	541	1.0000
533	18	530	541	542	542	1.0000
534	18	531	542	543	543	1.0000
535	18	532	543	544	544	1.0000
536	18	533	544	545	545	1.0000
537	18	534	545	546	546	1.0000
538	18	535	546	547	547	1.0000
539	18	536	547	548	548	1.0000
540	19	537	548	549	549	1.0000
541	19	538	549	550	550	1.0000
542	20	539	550	551	551	1.0000
543	21	540	551	552	552	1.0000
544	21	541	552	553	553	1.0000
545	22	542	553	554	554	1.0000
546	22	543	554	555	555	1.0000
547	23	544	555	556	556	1.0000
548	23	545	556	557	557	1.0000
549	23	546	557	558	558	1.0000
550	23	547	558	559	559	1.0000
551	24	548	559	560	560	1.0000
552	24	549	560	561	561	1.0000
553	24	550	561	562	562	1.0000
554	25	551	562	563	563	1.0000
555	25	552	563	564	564	1.0000
556	26	553	564	565	565	1.0000
557	27	554	565	566	566	1.0000
558	27	555	566	567	567	1.0000
559	28	556	567	568	568	1.0000
560	28	557	568	569	569	1.0000
561	28	558	569	570	570	1.0000
562	28	559	570	571	571	1.0000
563	29	560	571	572	572	1.0000
564	30	561	572	573	573	1.0000
565	31	562	573	574	574	1.0000
566	32	563	574	575	575	1.0000
567	32	564	575	576	576	1.0000
568	32	565	576	577	577	1.0000
569	32	566	577	578	578	1.0000
570	33	567	578	579	579	1.0000
571	33	568	579	580	580	1.0000
572	33	569	580	581	581	1.0000
573	33	570	581	582	582	1.0000
574	33	571	582	583	583	1.0000
575	33	572	583	584	584	1.0000
576	33	573	584	585	585	1.0000
577	33	574	585	586	586	1.0000
578	33	575	586	587	587	1.0000
579	33	576	587	588	588	1.0000
580	34	577	588	589	589	1.0000
581	34	578	589	590	590	1.0000
582	34	579	590	591	591	1.0000
583	34	580	591	592	592	1.0000
584	34	581	592	593	593	1.0000
585	34	582	593	594	594	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	I
584	35	1582	587	596	1595	1.0000
585	36	1583	587	596	1595	1.0000
586	36	1584	588	597	1600	1.0000
587	36	1585	588	597	1600	1.0000
588	37	1586	589	598	1604	1.0000
589	37	1587	589	598	1604	1.0000
590	37	1588	590	605	1607	1.0000
591	37	1589	590	605	1607	1.0000
592	38	1591	592	607	1611	1.0000
593	38	1592	592	607	1611	1.0000
594	38	1593	593	607	1611	1.0000
595	39	1594	600	607	1614	1.0000
596	40	1595	595	600	1600	1.0000
597	40	1596	596	601	1600	1.0000
598	40	1597	597	602	1601	1.0000
599	40	1598	598	603	1602	1.0000
600	40	1599	599	603	1602	1.0000
601	41	1600	601	615	1614	1.0000
602	42	1600	608	616	1615	1.0000
603	43	1601	609	617	1616	1.0000
604	44	1602	603	610	1609	1.0000
605	44	1603	603	610	1609	1.0000
606	45	1604	605	612	1611	1.0000
607	45	1605	606	613	1612	1.0000
608	45	1606	607	614	1613	1.0000
609	46	1607	609	617	1616	1.0000
610	46	1608	609	617	1616	1.0000
611	47	1609	610	618	1617	1.0000
612	47	1610	612	621	1620	1.0000
613	47	1611	613	622	1621	1.0000
614	48	1612	614	623	1622	1.0000
615	48	1613	615	624	1623	1.0000
616	49	1614	616	625	1624	1.0000
617	49	1615	616	625	1624	1.0000
618	50	1616	617	626	1625	1.0000
619	50	1617	618	627	1626	1.0000
620	51	1618	618	627	1626	1.0000
621	52	1619	625	631	1630	1.0000
622	52	1620	621	631	1630	1.0000
623	52	1621	622	632	1631	1.0000
624	52	1622	623	633	1632	1.0000
625	52	1623	624	633	1632	1.0000
626	52	1624	625	634	1633	1.0000
627	52	1625	626	634	1633	1.0000
628	53	1626	627	635	1634	1.0000
629	53	1627	628	635	1634	1.0000
630	53	1628	629	636	1635	1.0000
631	53	1629	630	636	1635	1.0000
632	53	1630	631	637	1636	1.0000
633	53	1631	632	637	1636	1.0000
634	54	1632	633	638	1637	1.0000
635	54	1633	634	638	1637	1.0000
636	54	1634	635	639	1638	1.0000
637	54	1635	636	639	1638	1.0000
638	54	1636	637	640	1639	1.0000
639	54	1637	638	640	1639	1.0000
640	54	1638	639	641	1640	1.0000
641	54	1639	640	641	1640	1.0000
642	54	1640	641	642	1641	1.0000
643	54	1641	642	643	1642	1.0000
644	54	1642	643	644	1643	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
637	54	637	638	645	644	1.0000
638	54	638	639	646	645	1.0000
639	54	639	640	647	646	1.0000
640	55	646	643	648	647	1.0000
641	55	642	644	649	648	1.0000
642	55	643	645	650	649	1.0000
643	55	644	646	651	650	1.0000
644	55	645	647	652	651	1.0000
645	56	647	649	654	652	1.0000
646	56	648	650	655	653	1.0000
647	56	649	651	656	654	1.0000
648	56	650	652	657	655	1.0000
649	57	652	654	659	657	1.0000
650	57	653	655	660	658	1.0000
651	57	654	656	661	659	1.0000
652	57	655	657	662	660	1.0000
653	58	657	659	664	662	1.0000
654	58	658	660	665	663	1.0000
655	58	659	661	666	664	1.0000
656	58	660	662	667	665	1.0000
657	59	662	664	669	667	1.0000
658	59	663	665	670	668	1.0000
659	59	664	666	671	669	1.0000
660	59	665	667	670	670	1.0000

JOINT ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T	VMC	VDSP	B
1250	101	1250	1290	290	250	0.0000	1.0000	0.0000	1.0000
1290	101	1290	1322	322	290	0.0000	1.0000	0.0000	1.0000
1322	101	1322	1354	354	322	0.0000	1.0000	0.0000	1.0000
1354	101	1354	1386	386	354	0.0000	1.0000	0.0000	1.0000
1386	101	1386	1413	413	386	0.0000	1.0000	0.0000	1.0000
1413	101	1413	1429	429	413	0.0000	1.0000	0.0000	1.0000
1429	101	1429	1444	444	429	0.0000	1.0000	0.0000	1.0000
1444	101	1444	1459	459	444	0.0000	1.0000	0.0000	1.0000
1459	101	1459	1473	473	459	0.0000	1.0000	0.0000	1.0000
1473	101	1473	1487	487	473	0.0000	1.0000	0.0000	1.0000
1487	101	1487	1500	500	487	0.0000	1.0000	0.0000	1.0000
1500	101	1500	1512	512	500	0.0000	1.0000	0.0000	1.0000
1512	101	1512	1528	528	512	0.0000	1.0000	0.0000	1.0000
1528	101	1528	1540	540	528	0.0000	1.0000	0.0000	1.0000
1540	101	1540	1560	560	540	0.0000	1.0000	0.0000	1.0000
1560	101	1560	1572	572	560	0.0000	1.0000	0.0000	1.0000
1572	101	1572	1582	582	572	0.0000	1.0000	0.0000	1.0000
1582	101	1582	1595	595	582	0.0000	1.0000	0.0000	1.0000
1595	101	1595	1600	600	595	0.0000	1.0000	0.0000	1.0000
1600	101	1600	1615	615	600	0.0000	1.0000	0.0000	1.0000
1615	101	1615	1619	619	615	0.0000	1.0000	0.0000	1.0000

JOINT ELEMENT										
ELEMENT	MATERIAL	I1	I2	I3	I4	VDSP	VMC	T	B	
1619	101	1619	1624	624	619	0.0000	1.0000	0.0000	1.0000	
1624	101	1624	628	628	624	0.0000	1.0000	0.0000	1.0000	
1628	101	1640	640	640	628	0.0000	1.0000	0.0000	1.0000	
1298	101	1298	298	298	258	0.0000	1.0000	0.0000	1.0000	
1298	101	1330	330	330	298	0.0000	1.0000	0.0000	1.0000	
1330	101	1362	362	362	330	0.0000	1.0000	0.0000	1.0000	
1362	101	1394	394	394	362	0.0000	1.0000	0.0000	1.0000	
1394	101	1417	417	417	394	0.0000	1.0000	0.0000	1.0000	
1417	101	1433	433	433	417	0.0000	1.0000	0.0000	1.0000	
1433	101	1448	448	448	433	0.0000	1.0000	0.0000	1.0000	
1448	101	1463	463	463	448	0.0000	1.0000	0.0000	1.0000	
1463	101	1477	477	477	463	0.0000	1.0000	0.0000	1.0000	
1477	101	1491	491	491	477	0.0000	1.0000	0.0000	1.0000	
1491	101	1504	504	504	491	0.0000	1.0000	0.0000	1.0000	
1504	101	1516	516	516	504	0.0000	1.0000	0.0000	1.0000	
1516	101	1532	532	532	516	0.0000	1.0000	0.0000	1.0000	
1532	101	1545	545	545	532	0.0000	1.0000	0.0000	1.0000	
1545	101	1555	555	555	545	0.0000	1.0000	0.0000	1.0000	
1266	101	1266	266	266	266	0.0000	1.0000	0.0000	1.0000	
1306	101	1306	306	306	306	0.0000	1.0000	0.0000	1.0000	
1338	101	1338	338	338	306	0.0000	1.0000	0.0000	1.0000	
1338	101	1370	370	370	338	0.0000	1.0000	0.0000	1.0000	
1370	101	1370	402	402	370	0.0000	1.0000	0.0000	1.0000	
1402	101	1402	421	421	402	0.0000	1.0000	0.0000	1.0000	
1421	101	1421	437	437	421	0.0000	1.0000	0.0000	1.0000	
1437	101	1452	452	452	437	0.0000	1.0000	0.0000	1.0000	
1452	101	1452	457	457	452	0.0000	1.0000	0.0000	1.0000	
1457	101	1467	482	482	457	0.0000	1.0000	0.0000	1.0000	

BEAM ELEMENT										
ELEMENT	SECTION	I1	I2	VX	VY	VZ				
2001	200	523	528	0.0000	1.0000	0.0000				
2002	200	1528	541	0.0000	1.0000	0.0000				
2003	200	551	560	0.0000	1.0000	0.0000				
2004	200	1560	563	0.0000	1.0000	0.0000				
2005	200	571	582	0.0000	1.0000	0.0000				
2006	200	1582	587	0.0000	1.0000	0.0000				
2007	200	594	600	0.0000	1.0000	0.0000				
2008	200	1600	608	0.0000	1.0000	0.0000				
2009	200	614	619	0.0000	1.0000	0.0000				
2010	200	1619	629	0.0000	1.0000	0.0000				



JOINT ANALYSIS

SECTION DATA FOR BEAM ELEMENT

SECTION	MATERIAL	A	IZ	IY	J	ASY	ASZ	NO
200	201	0.00785	0.00000	0.00000	0.00000	0.00000	0.00000	0.0000

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MATERIAL DATA FOR ISOPARAMETRIC ELEMENT

MATERIAL	E1/E1MN	E2/E2MN	NYU1/NYUMX	NYU2	ANGLE	WEIGHT	ET1MN	ET2MN
1	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
2	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
3	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
4	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
5	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
6	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
7	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
8	500000.0	500000.0	0.27000	0.27000	0.000	0.1145	0.0	0.0
9	500000.0	500000.0	0.27000	0.27000	0.000	0.1241	0.0	0.0
10	500000.0	500000.0	0.27000	0.27000	0.000	0.1359	0.0	0.0
11	500000.0	500000.0	0.27000	0.27000	0.000	0.1491	0.0	0.0
12	500000.0	500000.0	0.27000	0.27000	0.000	0.1626	0.0	0.0
13	500000.0	500000.0	0.27000	0.27000	0.000	0.1720	0.0	0.0
14	500000.0	500000.0	0.27000	0.27000	0.000	0.1739	0.0	0.0
15	500000.0	500000.0	0.27000	0.27000	0.000	0.1759	0.0	0.0
16	500000.0	500000.0	0.27000	0.27000	0.000	0.1787	0.0	0.0
17	500000.0	500000.0	0.27000	0.27000	0.000	0.1799	0.0	0.0
18	500000.0	500000.0	0.27000	0.27000	0.000	0.1863	0.0	0.0
19	500000.0	500000.0	0.27000	0.27000	0.000	0.1931	0.0	0.0
20	500000.0	500000.0	0.27000	0.27000	0.000	0.1950	0.0	0.0
21	500000.0	500000.0	0.27000	0.27000	0.000	0.1969	0.0	0.0
22	500000.0	500000.0	0.27000	0.27000	0.000	0.1966	0.0	0.0
23	500000.0	500000.0	0.27000	0.27000	0.000	0.1959	0.0	0.0
24	500000.0	500000.0	0.27000	0.27000	0.000	0.1999	0.0	0.0
25	500000.0	500000.0	0.27000	0.27000	0.000	0.2012	0.0	0.0
26	500000.0	500000.0	0.27000	0.27000	0.000	0.2072	0.0	0.0

MATERIAL DATA FOR ISOPARAMETRIC ELEMENT

MATERIAL	E1/E1MN	E2/E2MN	NYU1/NYUMX	NVU2	ANGLE	WEIGHT	ET1MN	ET2MN
27	500000.0	500000.0	0.27000	0.27000	0.000	0.2064	0.0	0.0
28	500000.0	500000.0	0.27000	0.27000	0.000	0.2105	0.0	0.0
29	500000.0	500000.0	0.27000	0.27000	0.000	0.2063	0.0	0.0
30	500000.0	500000.0	0.27000	0.27000	0.000	0.2124	0.0	0.0
31	500000.0	500000.0	0.27000	0.27000	0.000	0.2075	0.0	0.0
32	500000.0	500000.0	0.27000	0.27000	0.000	0.2143	0.0	0.0
33	500000.0	500000.0	0.27000	0.27000	0.000	0.2210	0.0	0.0
34	500000.0	500000.0	0.27000	0.27000	0.000	0.2317	0.0	0.0
35	500000.0	500000.0	0.27000	0.27000	0.000	0.2336	0.0	0.0
36	500000.0	500000.0	0.27000	0.27000	0.000	0.2284	0.0	0.0
37	500000.0	500000.0	0.27000	0.27000	0.000	0.2355	0.0	0.0
38	500000.0	500000.0	0.27000	0.27000	0.000	0.2434	0.0	0.0
39	500000.0	500000.0	0.27000	0.27000	0.000	0.2443	0.0	0.0
40	500000.0	500000.0	0.27000	0.27000	0.000	0.2418	0.0	0.0
41	500000.0	500000.0	0.27000	0.27000	0.000	0.2535	0.0	0.0
42	500000.0	500000.0	0.27000	0.27000	0.000	0.2487	0.0	0.0
43	500000.0	500000.0	0.27000	0.27000	0.000	0.2548	0.0	0.0
44	500000.0	500000.0	0.27000	0.27000	0.000	0.2500	0.0	0.0
45	500000.0	500000.0	0.27000	0.27000	0.000	0.2540	0.0	0.0
46	500000.0	500000.0	0.27000	0.27000	0.000	0.2568	0.0	0.0
47	500000.0	500000.0	0.27000	0.27000	0.000	0.2646	0.0	0.0
48	500000.0	500000.0	0.27000	0.27000	0.000	0.2665	0.0	0.0
49	500000.0	500000.0	0.27000	0.27000	0.000	0.2622	0.0	0.0
50	500000.0	500000.0	0.27000	0.27000	0.000	0.2647	0.0	0.0
51	500000.0	500000.0	0.27000	0.27000	0.000	0.2688	0.0	0.0
52	500000.0	500000.0	0.27000	0.27000	0.000	0.2724	0.0	0.0
53	500000.0	500000.0	0.27000	0.27000	0.000	0.2586	0.0	0.0

MATERIAL DATA FOR ISOPARAMETRIC ELEMENT

MATERIAL	E1/E1MN	E2/E2MN	NYU1/NYUMX	NYU2	ANGLE	WEIGHT	ET1MN	ET2MN
54	500000.0	500000.0	0.27000	0.27000	0.000	0.2399	0.0	0.0
	0.0	0.0	0.00000	0.00000				
55	500000.0	500000.0	0.27000	0.27000	0.000	0.3835	0.0	0.0
	0.0	0.0	0.00000	0.00000				
56	500000.0	500000.0	0.27000	0.27000	0.000	0.4479	0.0	0.0
	0.0	0.0	0.00000	0.00000				
57	500000.0	500000.0	0.27000	0.27000	0.000	0.5098	0.0	0.0
	0.0	0.0	0.00000	0.00000				
58	500000.0	500000.0	0.27000	0.27000	0.000	0.5717	0.0	0.0
	0.0	0.0	0.00000	0.00000				
59	500000.0	500000.0	0.27000	0.27000	0.000	0.6323	0.0	0.0
	0.0	0.0	0.00000	0.00000				
60	1000000.0	1000000.0	0.30000	0.30000	0.000	0.0000	0.0	0.0
	0.0	0.0	0.00000	0.00000				

MATERIAL DATA FOR JOINT ELEMENT

MATERIAL	KN	KS	KNS	KSN	WEIGHT	PHI	RF	M	L	N
101	0	5000000.0	0	0	0.000	0.000	0.000	0.000	0.000	1.000

MATERIAL DATA FOR BEAM ELEMENT

MATERIAL	E	NYU	WEIGHT	TEMP.COEF	EF	SIGMY	SIGMT	N
201	0	21500000.0	0.3000	7.8500	0.00000000	0.0	0.0000	0.0000

SURFACE DATA

NO	G.R.I.D. POINT LIST										
1	667	662	657	652	647	642	635	630	620	611	
	604	591	578	568	556	548	536	524	520	508	
	496	483	469	455	440	425	409	378	346	314	
	282	242	241	240	239	238	237	236	235	234	
	233	232									
2	281	280	279	278	277	276	275	274	273	313	
	345	377	408	424	439						

JOINT ANALYSIS

STEP 1 CASE-4 SUB STEP 0

CONTROL DATA 0 0 0 0 0 0 0 10 0 0

RUN MODE : EXECUTION

ANALYSIS : LINEAR (ELASTIC)

GEOMETRY CHANGE BY DISPLACEMENT : NO

NORMAL STRESS ANALYSIS RUN.

CREEP : NO

NON-LINEAR ITERATION LIMIT : 10 TIMES.

NON-LINEAR ITERATION METHOD : NEWTON-RAPHSON'S METHOD.

RESIDUAL LOAD CORRECTION : NO

NONLIST DATA 0 0 0 0 1 0 1 0 0

INPUT IMAGE LIST : YES INPUT DATA ECHO LIST : YES

LOADING VECTOR : YES SUPPORT REACTION : YES

DISPLACEMENT(INCREMENT) : NO DISPLACEMENT(INC.+TOTAL) : YES

STRESS (INCREMENT) : NO STRESS (TOTAL) : YES

NONLINEAR MATERIAL LIST : YES

ACCURACY DATA EPSR = 1.000E-03 EPSD = 1.000E-03

LOAD SCALE DATA FACTOR = ALPHA\*BETA(I)

ALPHA = 1.000

BETA = 1.000

CREEP TIME = 0.00 (DAY)

GRID POINT LOAD

GRID	PX	PY	MZ
242	0.0000	-1.8172	0.0000
243	0.0000	-3.6343	0.0000
244	0.0000	-3.6343	0.0000
245	0.0000	-3.6343	0.0000
246	0.0000	-3.6343	0.0000
247	0.0000	-3.6343	0.0000
248	0.0000	-3.6343	0.0000
249	0.0000	-3.6343	0.0000
250	0.0000	-1.8172	0.0000
251	0.0000	-3.9850	0.0000

GRID POINT LOAD

GRID	PX	PY	MZ
252	0.0000	-3.9850	0.0000
253	0.0000	-3.9850	0.0000
254	0.0000	-3.9850	0.0000
255	0.0000	-3.9850	0.0000
256	0.0000	-3.9850	0.0000
257	0.0000	-3.9850	0.0000
258	0.0000	-1.9925	0.0000
259	0.0000	-4.5543	0.0000
260	0.0000	-4.5543	0.0000
261	0.0000	-4.5543	0.0000
262	0.0000	-4.5543	0.0000
263	0.0000	-4.5543	0.0000
264	0.0000	-4.5543	0.0000
265	0.0000	-4.5543	0.0000
266	0.0000	-2.2772	0.0000
267	0.0000	-4.9414	0.0000
268	0.0000	-4.9414	0.0000
269	0.0000	-4.9414	0.0000
270	0.0000	-5.7736	0.0000
271	0.0000	-6.6037	0.0000
272	0.0000	-6.6037	0.0000
273	0.0000	-6.6037	0.0000
282	0.0000	-3.6148	0.0000
283	0.0000	-7.2304	0.0000
284	0.0000	-7.2304	0.0000
285	0.0000	-7.2304	0.0000
286	0.0000	-7.2304	0.0000
287	0.0000	-7.2304	0.0000
288	0.0000	-7.2304	0.0000
289	0.0000	-7.2304	0.0000
290	0.0000	-3.6152	0.0000
291	0.0000	-7.9680	0.0000
292	0.0000	-7.9680	0.0000
293	0.0000	-7.9680	0.0000
294	0.0000	-7.9680	0.0000
295	0.0000	-7.9680	0.0000
296	0.0000	-7.9680	0.0000
297	0.0000	-7.9680	0.0000
298	0.0000	-3.9840	0.0000
299	0.0000	-9.1062	0.0000
300	0.0000	-9.1062	0.0000
301	0.0000	-9.1062	0.0000
302	0.0000	-9.1062	0.0000
303	0.0000	-9.1062	0.0000
304	0.0000	-9.1062	0.0000
305	0.0000	-9.1062	0.0000
306	0.0000	-4.5531	0.0000
307	0.0000	-9.8803	0.0000
308	0.0000	-9.8803	0.0000
309	0.0000	-9.8803	0.0000
310	0.0000	-11.5422	0.0000
311	0.0000	-13.2041	0.0000

GRID POINT LOAD

GRID	PX	PY	MZ
312	0.0000	-16.5054	0.0000
313	0.0000	9.9033	0.0000
314	0.0000	-3.5854	0.0000
315	0.0000	-7.1724	0.0000
316	0.0000	-7.1735	0.0000
317	0.0000	-7.1735	0.0000
318	0.0000	-7.1739	0.0000
319	0.0000	-7.1739	0.0000
320	0.0000	-7.1739	0.0000
321	0.0000	-7.1739	0.0000
322	0.0000	-3.5869	0.0000
323	0.0000	-7.9659	0.0000
324	0.0000	-7.9659	0.0000
325	0.0000	-7.9659	0.0000
326	0.0000	-7.9659	0.0000
327	0.0000	-7.9659	0.0000
328	0.0000	-7.9659	0.0000
329	0.0000	-7.9659	0.0000
330	0.0000	-3.5830	0.0000
331	0.0000	-9.1039	0.0000
332	0.0000	-9.1039	0.0000
333	0.0000	-9.1039	0.0000
334	0.0000	-9.1039	0.0000
335	0.0000	-9.1039	0.0000
336	0.0000	-9.1039	0.0000
337	0.0000	-9.1039	0.0000
338	0.0000	-4.5519	0.0000
339	0.0000	-9.8777	0.0000
340	0.0000	-9.8777	0.0000
341	0.0000	-9.8777	0.0000
342	0.0000	-11.5392	0.0000
343	0.0000	-13.2007	0.0000
344	0.0000	-13.2007	0.0000
345	0.0000	-6.6003	0.0000
346	0.0000	-9.5602	0.0000
347	0.0000	-7.1207	0.0000
348	0.0000	-7.1196	0.0000
349	0.0000	-7.1192	0.0000
350	0.0000	-7.1207	0.0000
351	0.0000	-7.1211	0.0000
352	0.0000	-7.1211	0.0000
353	0.0000	-7.1211	0.0000
354	0.0000	-3.5605	0.0000
355	0.0000	-7.9680	0.0000
356	0.0000	-7.9680	0.0000
357	0.0000	-7.9680	0.0000
358	0.0000	-7.9680	0.0000
359	0.0000	-7.9680	0.0000
360	0.0000	-7.9680	0.0000
361	0.0000	-7.9680	0.0000
362	0.0000	-3.9840	0.0000
363	0.0000	-9.1062	0.0000

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