

JOINT ANALYSIS

STEP 1 CASE-1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X (INCREMENT)	Y (INCREMENT)	X (TOTAL)	Y (TOTAL)
53	0.007302	-0.020702	0.007302	-0.020702
54	0.007433	-0.020613	0.007433	-0.020613
55	0.007582	-0.020521	0.007582	-0.020521
56	0.007732	-0.020400	0.007732	-0.020400
57	0.007927	-0.020214	0.007927	-0.020214
58	0.008098	-0.019930	0.008098	-0.019930
59	0.008285	-0.019424	0.008285	-0.019424
60	0.008498	-0.018468	0.008498	-0.018468
61	0.008456	-0.017290	0.008456	-0.017290
62	0.007775	-0.014197	0.007775	-0.014197
63	0.006453	-0.011620	0.006453	-0.011620
64	0.004545	-0.009451	0.004545	-0.009451
65	0.002425	-0.008184	0.002425	-0.008184
66	0.000000	-0.007743	0.000000	-0.007743
67	0.000000	-0.029970	0.000000	-0.029970
68	0.001983	-0.029790	0.001983	-0.029790
69	0.003735	-0.029287	0.003735	-0.029287
70	0.005446	-0.028401	0.005446	-0.028401
71	0.007345	-0.026905	0.007345	-0.026905
72	0.008217	-0.025873	0.008217	-0.025873
73	0.008711	-0.025368	0.008711	-0.025368
74	0.008908	-0.025301	0.008908	-0.025301
75	0.009110	-0.025310	0.009110	-0.025310
76	0.009313	-0.025281	0.009313	-0.025281
77	0.009486	-0.025226	0.009486	-0.025226
78	0.009524	-0.025097	0.009524	-0.025097
79	0.009737	-0.024851	0.009737	-0.024851
80	0.009835	-0.024419	0.009835	-0.024419
81	0.009930	-0.023163	0.009930	-0.023163
82	0.009753	-0.020921	0.009753	-0.020921
83	0.020711	-0.016257	0.020711	-0.016257
84	0.006242	-0.013173	0.006242	-0.013173
85	0.004200	-0.010829	0.004200	-0.010829
86	0.002212	-0.009542	0.002212	-0.009542
87	0.000000	-0.009098	0.000000	-0.009098
88	0.000000	-0.032983	0.000000	-0.032983
89	0.001957	-0.032811	0.001957	-0.032811
90	0.003683	-0.032332	0.003683	-0.032332
91	0.005421	-0.031481	0.005421	-0.031481
92	0.007687	-0.029883	0.007687	-0.029883
93	0.008392	-0.029248	0.008392	-0.029248
94	0.008990	-0.028590	0.008990	-0.028590
95	0.009518	-0.027960	0.009518	-0.027960
96	0.009803	-0.027392	0.009803	-0.027392
97	0.009977	-0.027838	0.009977	-0.027838
98	0.010150	-0.027900	0.010150	-0.027900
99	0.010330	-0.027943	0.010330	-0.027943
100	0.010534	-0.027982	0.010534	-0.027982
101	0.010732	-0.027995	0.010732	-0.027995
102	0.010862	-0.027947	0.010862	-0.027947
103	0.010967	-0.027879	0.010967	-0.027879
104	0.011028	-0.027831	0.011028	-0.027831

JOINT ANALYSIS

STEP 1 CASE-1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
105	0.011070	-0.027779	0.011070	-0.027779
106	0.011092	-0.027697	0.011092	-0.027697
107	0.011105	-0.027601	0.011105	-0.027601
108	0.011054	-0.027500	0.011054	-0.027500
109	0.010959	-0.027346	0.010959	-0.027346
110	0.010888	-0.027146	0.010888	-0.027146
111	0.010827	-0.026763	0.010827	-0.026763
112	0.010802	-0.025897	0.010802	-0.025897
113	0.010552	-0.024362	0.010552	-0.024362
114	0.010064	-0.022577	0.010064	-0.022577
115	0.007569	-0.020470	0.007569	-0.020470
117	0.005640	-0.017059	0.005640	-0.017059
118	0.003785	-0.013846	0.003785	-0.013846
119	0.002017	-0.011541	0.002017	-0.011541
120	0.000000	-0.010278	0.000000	-0.010278
121	0.000000	-0.009841	0.000000	-0.009841
122	0.000000	-0.034991	0.000000	-0.034991
123	0.001921	-0.034825	0.001921	-0.034825
124	0.005284	-0.034365	0.005284	-0.034365
125	0.007661	-0.033558	0.007661	-0.033558
126	0.008453	-0.031952	0.008453	-0.031952
127	0.009414	-0.031363	0.009414	-0.031363
128	0.010409	-0.030609	0.010409	-0.030609
129	0.010828	-0.029563	0.010828	-0.029563
130	0.010899	-0.029165	0.010899	-0.029165
131	0.011332	-0.029002	0.011332	-0.029002
132	0.011787	-0.030001	0.011787	-0.030001
133	0.012154	-0.030310	0.012154	-0.030310
134	0.012371	-0.030005	0.012371	-0.030005
135	0.012326	-0.029710	0.012326	-0.029710
136	0.012493	-0.029743	0.012493	-0.029743
137	0.012631	-0.029791	0.012631	-0.029791
138	0.012513	-0.029510	0.012513	-0.029510
139	0.012411	-0.029241	0.012411	-0.029241
140	0.012503	-0.029452	0.012503	-0.029452
141	0.012576	-0.029599	0.012576	-0.029599
142	0.012263	-0.029165	0.012263	-0.029165
143	0.011911	-0.028697	0.011911	-0.028697
144	0.011690	-0.028859	0.011690	-0.028859
145	0.011525	-0.029063	0.011525	-0.029063
146	0.010947	-0.028076	0.010947	-0.028076
147	0.009660	-0.025703	0.009660	-0.025703
148	0.008320	-0.023291	0.008320	-0.023291
149	0.006814	-0.020838	0.006814	-0.020838
150	0.005036	-0.017444	0.005036	-0.017444
151	0.003447	-0.014287	0.003447	-0.014287
152	0.001870	-0.012028	0.001870	-0.012028
153	0.000000	-0.010781	0.000000	-0.010781
154	0.008347	-0.010347	0.008347	-0.010347
155	0.009386	-0.032496	0.009386	-0.032496
156	0.010070	-0.031713	0.010070	-0.031713
		-0.031185	0.010070	-0.031185

JOINT ANALYSIS

STEP 1 CASE-1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
157	0.010774	-0.030592	0.010774	-0.030592
158	0.011211	-0.029992	0.011211	-0.029992
159	0.011628	-0.029653	0.011628	-0.029653
160	0.011717	-0.029876	0.011717	-0.029876
161	0.011854	-0.030285	0.011854	-0.030285
162	0.011989	-0.030785	0.011989	-0.030785
163	0.012181	-0.031280	0.012181	-0.031280
164	0.012476	-0.031720	0.012476	-0.031720
165	0.012794	-0.031931	0.012794	-0.031931
166	0.013155	-0.031727	0.013155	-0.031727
167	0.013423	-0.031062	0.013423	-0.031062
168	0.013342	-0.030337	0.013342	-0.030337
169	0.013196	-0.030117	0.013196	-0.030117
170	0.013109	-0.030300	0.013109	-0.030300
171	0.013075	-0.030632	0.013075	-0.030632
172	0.013196	-0.030967	0.013196	-0.030967
173	0.013376	-0.031153	0.013376	-0.031153
174	0.013611	-0.030967	0.013611	-0.030967
175	0.013782	-0.030336	0.013782	-0.030336
176	0.013520	-0.029924	0.013520	-0.029924
177	0.013365	-0.029564	0.013365	-0.029564
178	0.013202	-0.029879	0.013202	-0.029879
179	0.013111	-0.030331	0.013111	-0.030331
180	0.013186	-0.030788	0.013186	-0.030788
181	0.013336	-0.031036	0.013336	-0.031036
182	0.013559	-0.030830	0.013559	-0.030830
183	0.013729	-0.029999	0.013729	-0.029999
184	0.013433	-0.029135	0.013433	-0.029135
185	0.013109	-0.028970	0.013109	-0.028970
186	0.012864	-0.029263	0.012864	-0.029263
187	0.012707	-0.029673	0.012707	-0.029673
188	0.012656	-0.030124	0.012656	-0.030124
189	0.012579	-0.030359	0.012579	-0.030359
190	0.012071	-0.029315	0.012071	-0.029315
191	0.010833	-0.026038	0.010833	-0.026038
192	0.009328	-0.023230	0.009328	-0.023230
193	0.007965	-0.020963	0.007965	-0.020963
194	0.009281	-0.022309	0.009281	-0.022309
195	0.009952	-0.031802	0.009952	-0.031802
196	0.010802	-0.031210	0.010802	-0.031210
197	0.011701	-0.030446	0.011701	-0.030446
198	0.012242	-0.029679	0.012242	-0.029679
199	0.012403	-0.030050	0.012403	-0.030050
200	0.012580	-0.030654	0.012580	-0.030654
201	0.012779	-0.031321	0.012779	-0.031321
202	0.012967	-0.031988	0.012967	-0.031988
203	0.013136	-0.032578	0.013136	-0.032578
204	0.013327	-0.032986	0.013327	-0.032986
205	0.013558	-0.033125	0.013558	-0.033125
206	0.013882	-0.031561	0.013882	-0.031561
207	0.013745	-0.029994	0.013745	-0.029994
208	0.013650	-0.030166	0.013650	-0.030166

JOINT ANALYSIS

STEP 1 CASE-1

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X (INCREMENT)	Y (INCREMENT)	X (TOTAL)	Y (TOTAL)
209	0.013650	-0.030552	0.013650	-0.030552
210	0.013687	-0.031071	0.013687	-0.031071
211	0.013730	-0.031587	0.013730	-0.031587
212	0.013812	-0.031971	0.013812	-0.031971
213	0.013934	-0.032148	0.013934	-0.032148
214	0.014373	-0.030711	0.014373	-0.030711
215	0.013969	-0.029315	0.013969	-0.029315
216	0.013817	-0.029627	0.013817	-0.029627
217	0.013759	-0.030135	0.013759	-0.030135
218	0.013726	-0.030773	0.013726	-0.030773
219	0.013724	-0.031400	0.013724	-0.031400
220	0.013751	-0.031868	0.013751	-0.031868
221	0.013884	-0.032106	0.013884	-0.032106
222	0.014294	-0.030396	0.014294	-0.030396
223	0.013760	-0.028721	0.013760	-0.028721
224	0.013545	-0.029043	0.013545	-0.029043
225	0.013464	-0.029545	0.013464	-0.029545
226	0.013434	-0.030135	0.013434	-0.030135
227	0.013405	-0.030758	0.013405	-0.030758
228	0.013309	-0.031078	0.013309	-0.031078
229	0.012429	-0.029927	0.012429	-0.029927
230	0.010452	-0.026031	0.010452	-0.026031
231	0.008770	-0.023320	0.008770	-0.023320
232	0.000000	-0.000000	0.000000	-0.000000
233	0.001871	-0.036837	0.001871	-0.036837
234	0.03482	-0.036391	0.03482	-0.036391
235	0.005058	-0.035636	0.005058	-0.035636
236	0.007337	-0.034146	0.007337	-0.034146
237	0.008117	-0.033615	0.008117	-0.033615
238	0.009119	-0.032887	0.009119	-0.032887
239	0.009753	-0.032435	0.009753	-0.032435
240	0.010574	-0.031855	0.010574	-0.031855
241	0.011459	-0.031287	0.011459	-0.031287
242	0.013376	-0.029629	0.013376	-0.029629
243	0.013706	-0.030190	0.013706	-0.030190
244	0.013922	-0.031034	0.013922	-0.031034
245	0.014072	-0.031861	0.014072	-0.031861
246	0.014192	-0.032666	0.014192	-0.032666
247	0.014297	-0.033416	0.014297	-0.033416
248	0.014400	-0.034078	0.014400	-0.034078
249	0.014520	-0.034540	0.014520	-0.034540
250	0.014990	-0.035107	0.014990	-0.035107
251	0.014613	-0.029673	0.014613	-0.029673
252	0.014611	-0.030151	0.014611	-0.030151
253	0.014626	-0.030804	0.014626	-0.030804
254	0.014650	-0.031501	0.014650	-0.031501
255	0.014679	-0.032194	0.014679	-0.032194
256	0.014718	-0.032834	0.014718	-0.032834
257	0.014775	-0.033294	0.014775	-0.033294
258	0.015180	-0.033810	0.015180	-0.033810
259	0.014762	-0.029077	0.014762	-0.029077
260	0.014722	-0.029625	0.014722	-0.029625

GRID POINT DISPLACEMENT ( INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
261	0.014688	-0.030404	0.014688	-0.030404
262	0.014663	-0.031212	0.014663	-0.031212
263	0.014639	-0.032013	0.014639	-0.032013
264	0.014626	-0.032747	0.014626	-0.032747
265	0.014623	-0.033251	0.014623	-0.033251
266	0.015048	-0.033711	0.015048	-0.033711
267	0.014493	-0.028481	0.014493	-0.028481
268	0.014416	-0.029087	0.014416	-0.029087
269	0.014388	-0.029891	0.014388	-0.029891
270	0.014411	-0.030661	0.014411	-0.030661
271	0.014452	-0.031445	0.014452	-0.031445
272	0.014451	-0.031847	0.014451	-0.031847
273	0.013016	-0.030410	0.013016	-0.030410
274	0.009343	-0.025771	0.009343	-0.025771
275	0.008212	-0.023374	0.008212	-0.023374
276	0.007147	-0.021107	0.007147	-0.021107
277	0.005629	-0.017791	0.005629	-0.017791
278	0.004332	-0.014766	0.004332	-0.014766
279	0.003074	-0.012536	0.003074	-0.012536
280	0.001720	-0.011298	0.001720	-0.011298
281	0.000000	-0.010863	0.000000	-0.010863
282	0.015909	-0.028909	0.015909	-0.028909
283	0.01582	-0.030267	0.01582	-0.030267
284	0.015540	-0.031245	0.015540	-0.031245
285	0.015559	-0.032191	0.015559	-0.032191
286	0.015598	-0.033098	0.015598	-0.033098
287	0.015650	-0.033964	0.015650	-0.033964
288	0.015729	-0.034783	0.015729	-0.034783
289	0.015903	-0.035623	0.015903	-0.035623
290	0.016162	-0.036625	0.016162	-0.036625
291	0.015933	-0.029251	0.015933	-0.029251
292	0.015812	-0.030110	0.015812	-0.030110
293	0.015792	-0.030928	0.015792	-0.030928
294	0.015796	-0.031758	0.015796	-0.031758
295	0.015813	-0.032583	0.015813	-0.032583
296	0.015853	-0.033380	0.015853	-0.033380
297	0.015985	-0.034195	0.015985	-0.034195
298	0.016216	-0.035169	0.016216	-0.035169
299	0.015956	-0.028733	0.015956	-0.028733
300	0.015826	-0.029641	0.015826	-0.029641
301	0.015788	-0.030546	0.015788	-0.030546
302	0.015759	-0.031477	0.015759	-0.031477
303	0.015729	-0.032402	0.015729	-0.032402
304	0.015710	-0.033292	0.015710	-0.033292
305	0.015793	-0.034170	0.015793	-0.034170
306	0.016022	-0.035212	0.016022	-0.035212
307	0.015639	-0.028103	0.015639	-0.028103
308	0.015459	-0.029113	0.015459	-0.029113
309	0.015423	-0.030109	0.015423	-0.030109
310	0.015422	-0.031016	0.015422	-0.031016
311	0.015400	-0.031926	0.015400	-0.031926
312	0.015180	-0.032234	0.015180	-0.032234

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GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
313	0.014764	-0.031494	0.014764	-0.031494
314	0.017813	-0.028700	0.017813	-0.028700
315	0.017581	-0.030127	0.017581	-0.030127
316	0.017396	-0.031360	0.017396	-0.031360
317	0.017309	-0.032456	0.017309	-0.032456
318	0.017279	-0.033493	0.017279	-0.033493
319	0.017292	-0.034498	0.017292	-0.034498
320	0.017361	-0.035511	0.017361	-0.035511
321	0.017498	-0.036589	0.017498	-0.036589
322	0.017713	-0.037817	0.017713	-0.037817
323	0.017469	-0.028867	0.017469	-0.028867
324	0.017318	-0.029990	0.017318	-0.029990
325	0.017243	-0.031012	0.017243	-0.031012
326	0.017218	-0.031991	0.017218	-0.031991
327	0.017225	-0.032961	0.017225	-0.032961
328	0.017280	-0.033954	0.017280	-0.033954
329	0.017405	-0.035020	0.017405	-0.035020
330	0.017618	-0.036248	0.017618	-0.036248
331	0.017363	-0.028402	0.017363	-0.028402
332	0.017217	-0.029575	0.017217	-0.029575
333	0.017146	-0.030667	0.017146	-0.030667
334	0.017112	-0.031728	0.017112	-0.031728
335	0.017090	-0.032785	0.017090	-0.032785
336	0.017101	-0.033870	0.017101	-0.033870
337	0.017189	-0.035042	0.017189	-0.035042
338	0.017399	-0.036418	0.017399	-0.036418
339	0.017001	-0.027702	0.017001	-0.027702
340	0.016785	-0.029079	0.016785	-0.029079
341	0.016704	-0.030327	0.016704	-0.030327
342	0.016678	-0.031392	0.016678	-0.031392
343	0.016600	-0.032406	0.016600	-0.032406
344	0.016428	-0.032798	0.016428	-0.032798
345	0.016217	-0.032503	0.016217	-0.032503
346	0.019730	-0.028627	0.019730	-0.028627
347	0.019513	-0.030096	0.019513	-0.030096
348	0.019336	-0.031449	0.019336	-0.031449
349	0.019216	-0.032696	0.019216	-0.032696
350	0.019156	-0.033861	0.019156	-0.033861
351	0.019139	-0.035003	0.019139	-0.035003
352	0.019176	-0.036185	0.019176	-0.036185
353	0.019281	-0.037442	0.019281	-0.037442
354	0.019435	-0.038814	0.019435	-0.038814
355	0.019203	-0.028532	0.019203	-0.028532
356	0.019028	-0.029860	0.019028	-0.029860
357	0.018971	-0.031069	0.018971	-0.031069
358	0.018881	-0.032199	0.018881	-0.032199
359	0.018872	-0.033316	0.018872	-0.033316
360	0.018914	-0.034491	0.018914	-0.034491
361	0.019026	-0.035759	0.019026	-0.035759
362	0.019197	-0.037164	0.019197	-0.037164
363	0.018970	-0.028109	0.018970	-0.028109
364	0.018817	-0.029500	0.018817	-0.029500

JOINT ANALYSIS

STEP 1 CASE-1

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
365	0.018740	-0.030774	0.018740	-0.030774
366	0.018707	-0.031970	0.018707	-0.031970
367	0.033162	-0.033162	0.033162	-0.033162
368	0.018733	-0.034427	0.018733	-0.034427
369	0.018819	-0.035836	0.018819	-0.035836
370	0.018990	-0.037463	0.018990	-0.037463
371	0.018603	-0.027300	0.018603	-0.027300
372	0.018368	-0.029039	0.018368	-0.029039
373	0.018276	-0.030568	0.018276	-0.030568
374	0.018228	-0.031793	0.018228	-0.031793
375	0.018125	-0.032959	0.018125	-0.032959
376	0.017964	-0.033470	0.017964	-0.033470
377	0.017843	-0.033422	0.017843	-0.033422
378	0.021674	-0.028615	0.021674	-0.028615
379	0.021491	-0.030147	0.021491	-0.030147
380	0.021355	-0.031587	0.021355	-0.031587
381	0.021227	-0.032942	0.021227	-0.032942
382	0.021135	-0.034217	0.021135	-0.034217
383	0.021127	-0.035472	0.021127	-0.035472
384	0.021156	-0.036786	0.021156	-0.036786
385	0.021193	-0.038178	0.021193	-0.038178
386	0.021291	-0.039667	0.021291	-0.039667
387	0.021080	-0.028261	0.021080	-0.028261
388	0.020932	-0.029744	0.020932	-0.029744
389	0.020789	-0.031112	0.020789	-0.031112
390	0.020697	-0.032387	0.020697	-0.032387
391	0.020706	-0.033637	0.020706	-0.033637
392	0.020750	-0.034963	0.020750	-0.034963
393	0.020797	-0.036397	0.020797	-0.036397
394	0.020920	-0.037955	0.020920	-0.037955
395	0.020727	-0.027875	0.020727	-0.027875
396	0.020623	-0.029446	0.020623	-0.029446
397	0.020526	-0.030878	0.020526	-0.030878
398	0.020473	-0.032204	0.020473	-0.032204
399	0.020508	-0.033533	0.020508	-0.033533
400	0.020607	-0.034956	0.020607	-0.034956
401	0.020699	-0.036516	0.020699	-0.036516
402	0.020770	-0.038372	0.020770	-0.038372
403	0.020409	-0.026933	0.020409	-0.026933
404	0.020318	-0.028066	0.020318	-0.028066
405	0.020183	-0.030825	0.020183	-0.030825
406	0.020036	-0.032250	0.020036	-0.032250
407	0.020016	-0.033592	0.020016	-0.033592
408	0.019808	-0.034255	0.019808	-0.034255
409	0.025765	-0.028878	0.025765	-0.028878
410	0.025489	-0.031388	0.025489	-0.031388
411	0.025334	-0.034906	0.025334	-0.034906
412	0.025265	-0.037814	0.025265	-0.037814
413	0.025332	-0.040893	0.025332	-0.040893
414	0.024949	-0.029609	0.024949	-0.029609
415	0.024747	-0.032679	0.024747	-0.032679
416	0.024653	-0.035733	0.024653	-0.035733

## GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
417	0.024757	-0.039040	0.024757	-0.039040
418	0.024438	-0.024430	0.024438	-0.024430
419	0.024443	-0.027719	0.024443	-0.027719
420	0.024661	-0.035881	0.024661	-0.035881
421	0.035198	-0.035571	0.035198	-0.035571
422	0.024936	-0.029333	0.024936	-0.029333
423	0.024956	-0.033475	0.024956	-0.033475
424	0.024735	-0.035144	0.024735	-0.035144
425	0.039997	-0.029290	0.039997	-0.029290
426	0.039819	-0.032507	0.039819	-0.032507
427	0.036685	-0.035564	0.036685	-0.035564
428	0.036100	-0.038619	0.036100	-0.038619
429	0.039573	-0.041841	0.039573	-0.041841
430	0.029291	-0.029560	0.029291	-0.029560
431	0.039060	-0.029060	0.039060	-0.029060
432	0.028915	-0.036231	0.028915	-0.036231
433	0.028833	-0.039833	0.028833	-0.039833
434	0.028578	-0.029491	0.028578	-0.029491
435	0.028527	-0.033248	0.028527	-0.033248
436	0.028780	-0.036755	0.028780	-0.036755
437	0.029026	-0.040318	0.029026	-0.040318
438	0.031905	-0.031905	0.031905	-0.031905
439	0.031559	-0.031559	0.031559	-0.031559
440	0.034458	-0.029920	0.034458	-0.029920
441	0.034332	-0.033129	0.034332	-0.033129
442	0.034230	-0.036205	0.034230	-0.036205
443	0.034150	-0.039279	0.034150	-0.039279
444	0.034086	-0.042488	0.034086	-0.042488
445	0.033875	-0.029616	0.033875	-0.029616
446	0.033677	-0.033050	0.033677	-0.033050
447	0.033484	-0.033484	0.033484	-0.033484
448	0.033309	-0.040222	0.033309	-0.040222
449	0.033009	-0.029582	0.033009	-0.029582
450	0.032825	-0.033709	0.032825	-0.033709
451	0.032698	-0.037520	0.032698	-0.037520
452	0.032688	-0.040491	0.032688	-0.040491
453	0.041529	-0.030725	0.041529	-0.030725
454	0.041257	-0.033111	0.041257	-0.033111
455	0.036672	-0.030296	0.036672	-0.030296
456	0.036574	-0.036574	0.036574	-0.036574
457	0.036483	-0.036483	0.036483	-0.036483
458	0.036404	-0.036404	0.036404	-0.036404
459	0.036320	-0.042706	0.036320	-0.042706
460	0.036167	-0.029685	0.036167	-0.029685
461	0.036006	-0.033107	0.036006	-0.033107
462	0.035824	-0.035824	0.035824	-0.035824
463	0.035605	-0.040328	0.035605	-0.040328
464	0.035319	-0.029639	0.035319	-0.029639
465	0.035120	-0.035120	0.035120	-0.035120
466	0.034760	-0.037780	0.034760	-0.037780
467	0.033177	-0.040234	0.033177	-0.040234
468	0.046831	-0.046831	0.046831	-0.046831

STEP 1 CASE-1

SUB STEP 1

## GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
469	0.039394	-0.030808	0.039394	-0.030808
470	0.039318	-0.033885	0.039318	-0.033885
471	0.039237	-0.036871	0.039237	-0.036871
472	0.039156	-0.039846	0.039156	-0.039846
473	0.039061	-0.042896	0.039061	-0.042896
474	0.038965	-0.045911	0.038965	-0.045911
475	0.038866	-0.048886	0.038866	-0.048886
476	0.038762	-0.051826	0.038762	-0.051826
477	0.038652	-0.054727	0.038652	-0.054727
478	0.038540	-0.057583	0.038540	-0.057583
479	0.038419	-0.060396	0.038419	-0.060396
480	0.037738	-0.037841	0.037738	-0.037841
481	0.037518	-0.041201	0.037518	-0.041201
482	0.037534	-0.044173	0.037534	-0.044173
483	0.042680	-0.031480	0.042680	-0.031480
484	0.042623	-0.034419	0.042623	-0.034419
485	0.042546	-0.037291	0.042546	-0.037291
486	0.042457	-0.040146	0.042457	-0.040146
487	0.042343	-0.043032	0.042343	-0.043032
488	0.042286	-0.030018	0.042286	-0.030018
489	0.042250	-0.033306	0.042250	-0.033306
490	0.042265	-0.036525	0.042265	-0.036525
491	0.042330	-0.039961	0.042330	-0.039961
492	0.042530	-0.030042	0.042530	-0.030042
493	0.042485	-0.034570	0.042485	-0.034570
494	0.042288	-0.039768	0.042288	-0.039768
495	0.042252	-0.041882	0.042252	-0.041882
496	0.045813	-0.032163	0.045813	-0.032163
497	0.045765	-0.034940	0.045765	-0.034940
498	0.045683	-0.037671	0.045683	-0.037671
499	0.045571	-0.040379	0.045571	-0.040379
500	0.045423	-0.043079	0.045423	-0.043079
501	0.045340	-0.030236	0.045340	-0.030236
502	0.045290	-0.033448	0.045290	-0.033448
503	0.045311	-0.036483	0.045311	-0.036483
504	0.045151	-0.039407	0.045151	-0.039407
505	0.047367	-0.030500	0.047367	-0.030500
506	0.047297	-0.035049	0.047297	-0.035049
507	0.046944	-0.040528	0.046944	-0.040528
508	0.048789	-0.032831	0.048789	-0.032831
509	0.048746	-0.035435	0.048746	-0.035435
510	0.048651	-0.037999	0.048651	-0.037999
511	0.048503	-0.040542	0.048503	-0.040542
512	0.048306	-0.043064	0.048306	-0.043064
513	0.048130	-0.030402	0.048130	-0.030402
514	0.047936	-0.033543	0.047936	-0.033543
515	0.047787	-0.036429	0.047787	-0.036429
516	0.047680	-0.038649	0.047680	-0.038649
517	0.052880	-0.031019	0.052880	-0.031019
518	0.052407	-0.035460	0.052407	-0.035460
519	0.052158	-0.038744	0.052158	-0.038744
520	0.051619	-0.033478	0.051619	-0.033478

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
521	0.051584	-0.035905	0.051584	-0.035905
522	0.051477	-0.038271	0.051477	-0.038271
523	0.051293	-0.040628	0.051293	-0.040628
524	0.051045	-0.042987	0.051045	-0.042987
525	0.050759	-0.030477	0.050759	-0.030477
526	0.050324	-0.033504	0.050324	-0.033504
527	0.049812	-0.036302	0.049812	-0.036302
528	0.048508	-0.037575	0.048508	-0.037575
529	0.048599	-0.029418	0.048599	-0.029418
530	0.058076	-0.032186	0.058076	-0.032186
531	0.057569	-0.036845	0.057569	-0.036845
532	0.053634	-0.033970	0.053634	-0.033970
533	0.053632	-0.036243	0.053632	-0.036243
534	0.053528	-0.038438	0.053528	-0.038438
535	0.053326	-0.040337	0.053326	-0.040337
536	0.053051	-0.042902	0.053051	-0.042902
537	0.052717	-0.030472	0.052717	-0.030472
538	0.052308	-0.033449	0.052308	-0.033449
539	0.051663	-0.035999	0.051663	-0.035999
540	0.051177	-0.038079	0.051177	-0.038079
541	0.050884	-0.040309	0.050884	-0.040309
542	0.061662	-0.032288	0.061662	-0.032288
543	0.061561	-0.034329	0.061561	-0.034329
544	0.055589	-0.034866	0.055589	-0.034866
545	0.055591	-0.036882	0.055591	-0.036882
546	0.055508	-0.038581	0.055508	-0.038581
547	0.055319	-0.040596	0.055319	-0.040596
548	0.055036	-0.042155	0.055036	-0.042155
549	0.054709	-0.032455	0.054709	-0.032455
550	0.054362	-0.034305	0.054362	-0.034305
551	0.054018	-0.036041	0.054018	-0.036041
552	0.053820	-0.038504	0.053820	-0.038504
553	0.053793	-0.040581	0.053793	-0.040581
554	0.053781	-0.043022	0.053781	-0.043022
555	0.057990	-0.035242	0.057990	-0.035242
556	0.058031	-0.037053	0.058031	-0.037053
557	0.058008	-0.038770	0.058008	-0.038770
558	0.057920	-0.040491	0.057920	-0.040491
559	0.057729	-0.042419	0.057729	-0.042419
560	0.057535	-0.030486	0.057535	-0.030486
561	0.057424	-0.033531	0.057424	-0.033531
562	0.057326	-0.036329	0.057326	-0.036329
563	0.057313	-0.039016	0.057313	-0.039016
564	0.057323	-0.040933	0.057323	-0.040933
565	0.060000	-0.030053	0.060000	-0.030053
566	0.060072	-0.037536	0.060072	-0.037536
567	0.060100	-0.039972	0.060100	-0.039972
568	0.060123	-0.040403	0.060123	-0.040403
569	0.060152	-0.041897	0.060152	-0.041897
570	0.060672	-0.030680	0.060672	-0.030680
571	0.060714	-0.033803	0.060714	-0.033803
572	0.060692	-0.036712	0.060692	-0.036712

## GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
573	0.060634	-0.039427	0.060634	-0.039427
574	0.061099	-0.036618	0.061099	-0.036618
575	0.037853	-0.061168	0.061168	-0.037853
576	0.061199	-0.039106	0.061199	-0.039106
577	0.061202	-0.040333	0.061202	-0.040333
578	0.061080	-0.041458	0.061080	-0.041458
579	0.063123	-0.030875	0.063123	-0.030875
580	0.063141	-0.034022	0.063141	-0.034022
581	0.063079	-0.036972	0.063079	-0.036972
582	0.063029	-0.038393	0.063029	-0.038393
583	0.061953	-0.037116	0.061953	-0.037116
584	0.061996	-0.038130	0.061996	-0.038130
585	0.062001	-0.039222	0.062001	-0.039222
586	0.061987	-0.040218	0.061987	-0.040218
587	0.061871	-0.041035	0.061871	-0.041035
588	0.065779	-0.031067	0.065779	-0.031067
589	0.065699	-0.034209	0.065699	-0.034209
590	0.065541	-0.037332	0.065541	-0.037332
591	0.062690	-0.037534	0.062690	-0.037534
592	0.062685	-0.038366	0.062685	-0.038366
593	0.062620	-0.039304	0.062620	-0.039304
594	0.062526	-0.040139	0.062526	-0.040139
595	0.062471	-0.040561	0.062471	-0.040561
596	0.068971	-0.031274	0.068971	-0.031274
597	0.068651	-0.034326	0.068651	-0.034326
598	0.068574	-0.035917	0.068574	-0.035917
599	0.063310	-0.037776	0.063310	-0.037776
600	0.063263	-0.038517	0.063263	-0.038517
601	0.063124	-0.039311	0.063124	-0.039311
602	0.062782	-0.039984	0.062782	-0.039984
603	0.062063	-0.040093	0.062063	-0.040093
604	0.071856	-0.031180	0.071856	-0.031180
605	0.071569	-0.034225	0.071569	-0.034225
606	0.063721	-0.037650	0.063721	-0.037650
607	0.063638	-0.038556	0.063638	-0.038556
608	0.063483	-0.039296	0.063483	-0.039296
609	0.063177	-0.039809	0.063177	-0.039809
610	0.062942	-0.040852	0.062942	-0.040852
611	0.073314	-0.031186	0.073314	-0.031186
612	0.073245	-0.033104	0.073245	-0.033104
613	0.064488	-0.037381	0.064488	-0.037381
614	0.064385	-0.038610	0.064385	-0.038610
615	0.064287	-0.039292	0.064287	-0.039292
616	0.064218	-0.039932	0.064218	-0.039932
617	0.064248	-0.041134	0.064248	-0.041134
618	0.064318	-0.042320	0.064318	-0.042320
619	0.064978	-0.037208	0.064978	-0.037208
620	0.064884	-0.038642	0.064884	-0.038642
621	0.064838	-0.039346	0.064838	-0.039346
622	0.064829	-0.040035	0.064829	-0.040035
623	0.064905	-0.041283	0.064905	-0.041283
624	0.064929	-0.041737	0.064929	-0.041737

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
625	0.066028	-0.037228	0.066028	-0.037228
626	0.065987	-0.038727	0.065987	-0.038727
627	0.065987	-0.039485	0.065987	-0.039485
628	0.066014	-0.040250	0.066014	-0.040250
629	0.066058	-0.041235	0.066058	-0.041235
630	0.067123	-0.037263	0.067123	-0.037263
631	0.067111	-0.038813	0.067111	-0.038813
632	0.067117	-0.039613	0.067117	-0.039613
633	0.067135	-0.040405	0.067135	-0.040405
634	0.067160	-0.041038	0.067160	-0.041038
635	0.068226	-0.037307	0.068226	-0.037307
636	0.068228	-0.038881	0.068228	-0.038881
637	0.068234	-0.039703	0.068234	-0.039703
638	0.068250	-0.040523	0.068250	-0.040523
639	0.068264	-0.040964	0.068264	-0.040964
640	0.069320	-0.037344	0.069320	-0.037344
641	0.069330	-0.038925	0.069330	-0.038925
642	0.069335	-0.039759	0.069335	-0.039759
643	0.069347	-0.040597	0.069347	-0.040597
644	0.069353	-0.040969	0.069353	-0.040969
645	0.070358	-0.037358	0.070358	-0.037358
646	0.070363	-0.038940	0.070363	-0.038940
647	0.070366	-0.039779	0.070366	-0.039779
648	0.070374	-0.040621	0.070374	-0.040621
649	0.070376	-0.040991	0.070376	-0.040991
1250	0.014989	0.029100	0.014989	0.029100
1260	0.016162	0.028183	0.016162	0.028183
1262	0.017113	0.027535	0.017113	0.027535
1354	0.019435	0.027038	0.019435	0.027038
1386	0.021290	0.026622	0.021290	0.026622
1413	0.025331	0.026170	0.025331	0.026170
1419	0.029572	0.025905	0.029572	0.025905
1444	0.034086	0.025911	0.034086	0.025911
1459	0.036320	0.026011	0.036320	0.026011
1473	0.039050	0.026217	0.039050	0.026217
1487	0.042342	0.026558	0.042342	0.026558
1500	0.045422	0.026924	0.045422	0.026924
1512	0.048305	0.027228	0.048305	0.027228
1524	0.051044	0.027406	0.051044	0.027406
1536	0.053051	0.027456	0.053051	0.027456
1548	0.055032	0.027445	0.055032	0.027445
1559	0.057693	0.027367	0.057693	0.027367
1569	0.060509	0.027265	0.060509	0.027265
1578	0.063086	0.027243	0.063086	0.027243
1587	0.065327	0.027260	0.065327	0.027260
1595	0.068684	0.027132	0.068684	0.027132
1603	0.072681	0.0268728	0.072681	0.0268728
1610	0.073403	0.026719	0.073403	0.026719
1618	0.075311	0.026355	0.075311	0.026355
1258	0.015178	0.028523	0.015178	0.028523
1298	0.016216	0.027651	0.016216	0.027651
1330	0.017617	0.027023	0.017617	0.027023

JOINT ANALYSIS

STEP 1 CASE-1 SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X (INCREMENT)	Y (INCREMENT)	X (TOTAL)	Y (TOTAL)
1362	0.019196	-0.026529	0.019196	-0.026529
1394	0.020919	-0.026131	0.020919	-0.026131
1417	0.024756	-0.025697	0.024756	-0.025697
1433	0.028837	-0.025370	0.028837	-0.025370
1448	0.033308	-0.025160	0.033308	-0.025160
1463	0.035606	-0.025058	0.035606	-0.025058
1477	0.038547	-0.024932	0.038547	-0.024932
1491	0.042354	-0.024795	0.042354	-0.024795
1504	0.047317	-0.024842	0.047317	-0.024842
1516	0.052654	-0.025408	0.052654	-0.025408
1528	0.059334	-0.027166	0.059334	-0.027166
1541	0.061888	-0.029654	0.061888	-0.029654
1554	0.064856	-0.032336	0.064856	-0.032336
1266	0.015045	-0.027985	0.015045	-0.027985
1306	0.016021	-0.026963	0.016021	-0.026963
1338	0.017398	-0.026169	0.017398	-0.026169
1370	0.018990	-0.025460	0.018990	-0.025460
1402	0.020767	-0.024764	0.020767	-0.024764
1421	0.025203	-0.023627	0.025203	-0.023627
1437	0.032058	-0.022603	0.032058	-0.022603
1452	0.041712	-0.022807	0.041712	-0.022807
1457	0.048268	-0.023912	0.048268	-0.023912
1482	0.052799	-0.027800	0.052799	-0.027800

STEP 1 CASE-1

SUB STEP 1

一は正符号の向き

圧力

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

(MPa)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
1	-34.3748	-89.2604	-37.0906	1.5692	-34.3300	-89.3052	1.6364	0.0000
2	-33.8400	-87.7339	-36.4722	4.3868	-33.4853	-88.0866	4.6231	0.0000
3	-33.1913	-85.3752	-35.5700	6.5493	-32.3827	-86.1899	7.0422	0.0000
4	-32.5533	-82.6232	-34.5529	8.1749	-31.2524	-83.9241	9.0419	0.0000
5	-31.9939	-80.4713	-33.7396	9.1313	-30.3210	-82.1242	10.3213	0.0000
6	-31.5198	-79.1623	-33.2046	9.6908	-29.6241	-81.0581	11.0686	0.0000
7	-30.8287	-77.5334	-32.5087	10.4233	-28.6163	-79.7459	12.0063	0.0000
8	-30.8600	-74.9282	-32.0365	11.4575	-27.1145	-77.6737	13.4756	0.0000
9	-28.7864	-69.9252	-29.6135	12.7702	-25.1447	-73.5659	15.1657	0.0000
10	-27.8539	-63.3148	-27.3506	13.3750	-23.3749	-67.7938	18.5145	0.0000
11	-27.2153	-56.9125	-25.2384	12.7510	-22.4353	-61.6426	20.3380	0.0000
12	-26.0496	-49.9720	-22.8055	10.7002	-21.9201	-54.0597	20.9076	0.0000
13	-24.4027	-43.5578	-20.3864	7.1626	-22.0201	-45.9344	18.3998	0.0000
14	-23.0216	-39.6796	-18.8104	2.5405	-22.6428	-40.0585	8.4813	0.0000
15	-29.5268	-91.7440	-36.3812	1.2806	-29.5004	-91.7704	1.1787	0.0000
16	-28.9004	-90.3044	-35.7614	3.8931	-28.6258	-90.5307	3.5307	0.0000
17	-28.3688	-87.7510	-34.8359	6.0266	-27.7489	-88.3708	5.8036	0.0000
18	-28.3631	-84.3203	-33.0980	7.3913	-27.2788	-85.4136	7.8457	0.0000
19	-28.5724	-81.6138	-33.0559	8.4895	-27.2467	-82.9344	8.8752	0.0000
20	-28.5995	-80.2680	-32.6602	8.6268	-27.1972	-81.6703	9.2328	0.0000
21	-28.2879	-79.1970	-32.2455	8.9929	-26.7792	-80.7057	9.6287	0.0000
22	-27.6250	-77.5503	-31.5526	10.1185	-25.6522	-79.5281	11.0325	0.0000
23	-27.9841	-72.2680	-30.0756	13.0201	-24.4397	-75.8124	15.2283	0.0000
24	-30.3153	-63.4082	-28.1170	14.7566	-24.6309	-69.0355	20.8638	0.0000
25	-31.8857	-54.1158	-25.8004	13.3440	-25.6399	-60.3675	25.1035	0.0000
26	-32.1635	-45.7509	-23.3742	9.5476	-26.9111	-51.0032	27.8345	0.0000
27	-31.0224	-59.2379	-21.0721	5.7191	-28.0729	-42.1674	27.1230	0.0000
28	-29.5704	-95.8005	-19.1613	1.8113	-29.0821	-36.2888	15.0886	0.0000
29	-27.4286	-93.2333	-35.1989	0.9503	-27.4159	-93.2410	0.8272	0.0000
30	-26.3751	-92.1648	-35.5620	3.1026	-26.2991	-92.3108	2.6940	0.0000
31	-25.1924	-89.8539	-34.5139	5.7207	-24.6362	-90.3622	5.0171	0.0000
32	-24.9450	-82.7086	-33.1961	8.4108	-23.8022	-86.8513	7.7370	0.0000
33	-26.1009	-81.8714	-32.3917	9.4312	-24.5491	-83.4231	9.3431	0.0000
34	-26.9597	-79.9998	-32.0878	8.9995	-25.4743	-81.4822	9.3723	0.0000
35	-27.5447	-79.6127	-32.1472	8.5140	-26.1879	-80.9695	9.0547	0.0000
36	-27.2250	-79.5049	-32.0397	8.6403	-25.9023	-80.8958	9.1569	0.0000
37	-27.2246	-79.8605	-32.1255	8.3055	-25.9452	-81.1400	8.7574	0.0000
38	-27.6269	-80.9459	-32.5719	9.7641	-25.8951	-82.6778	10.0577	0.0000
39	-27.1638	-79.8344	-32.0995	8.7930	-25.7346	-81.2636	9.2318	0.0000
40	-27.0709	-79.5884	-31.9978	11.1342	-24.8079	-81.8514	11.4890	0.0000
41	-27.0211	-79.5670	-31.9765	13.7676	-23.6324	-82.9558	13.8278	0.0000
42	-29.1701	-77.9995	-32.1509	15.1024	-24.8566	-82.2990	15.8700	0.0000
43	-30.9271	-69.4752	-30.1208	18.3931	-23.5952	-76.8434	21.8300	0.0000
44	-32.6623	-62.6623	-28.9844	18.4365	-24.9113	-71.6734	26.0474	0.0000
45	-36.5120	-50.2335	-26.0236	14.8154	-27.0459	-59.6936	32.5761	0.0000
46	-35.4887	-41.3347	-23.0470	9.0747	-28.8779	-47.9455	36.0730	0.0000
47	-33.0327	-36.0670	-20.7299	4.1905	-30.0932	-39.0066	35.0489	0.0000
48	-31.0160	-34.7304	-19.4239	1.1147	-30.6170	-34.1285	19.6988	0.0000
49	-26.8540	-94.0228	-36.2630	0.5970	-26.8487	-94.0282	0.5082	0.0000
50	-25.4371	-93.4760	-35.6739	2.1141	-25.3115	-93.5417	1.7780	0.0000
51	-23.0836	-91.9329	-34.5050	4.6110	-22.7162	-92.2403	3.8145	0.0000
52	-21.0409	-88.0019	-32.7129	8.4890	-19.3815	-89.0613	7.1138	0.0000

JOINT ANALYSIS

STEP 1 CASE-1

SUB STEP 1

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFETY FACTOR
53	-21.1166	-82.0763	-30.9579	11.8918	-18.8790	-84.3140	10.6567	0.0000
54	-23.9459	-78.5961	-30.7524	11.0034	-21.8137	-80.7284	10.9670	0.0000
55	-25.0849	-78.1822	-30.9141	9.6809	-23.3748	-79.8728	10.0206	0.0000
56	-23.3397	-79.2990	-31.3516	9.1843	-23.8193	-80.8194	9.3597	0.0000
57	-26.4089	-80.9462	-32.2965	9.7653	-24.7131	-82.6420	9.8516	0.0000
58	-27.7469	-82.4717	-33.0556	10.4237	-25.8255	-84.3932	10.4237	0.0000
59	-29.1063	-83.9643	-33.9212	11.1671	-26.9202	-86.1504	11.0763	0.0000
60	-30.7292	-85.3633	-34.8278	12.4154	-28.0402	-88.0523	12.2207	0.0000
61	-31.7206	-86.6059	-35.7980	14.4588	-28.1447	-90.1819	13.8917	0.0000
62	-32.0975	-85.0955	-35.1579	18.6811	-26.1746	-91.0184	17.5914	0.0000
63	-35.8638	-76.6719	-33.7607	23.4760	-25.1640	-87.3717	24.5023	0.0000
64	-41.8781	-59.8522	-30.5231	22.7223	-26.4022	-75.3280	34.2231	0.0000
65	-40.5690	-43.9873	-25.3669	13.8789	-28.2944	-56.2619	41.4897	0.0000
66	-37.3196	-37.1439	-22.0390	6.7283	-29.9928	-43.4707	43.2467	0.0000
67	-32.2377	-33.9582	-19.8588	2.4990	-30.5400	-35.6560	38.1743	0.0000
68	-30.0415	-32.8471	-18.8666	0.5156	-29.9497	-32.9389	10.0908	0.0000
69	-26.8954	-94.4097	-36.3915	0.3021	-26.8940	-94.4110	0.2564	0.0000
70	-25.4126	-94.2209	-35.8900	1.1098	-25.3947	-94.2388	0.9238	0.0000
71	-22.3495	-93.7284	-34.8334	2.7296	-22.2422	-93.8357	2.2187	0.0000
72	-17.3412	-90.6524	-32.3981	7.1300	-16.6574	-81.3362	5.4908	0.0000
73	-15.2710	-86.1822	-30.9360	13.0352	-12.9541	-88.4991	10.0858	0.0000
74	-9.0025	-78.5165	-26.2957	16.9224	-8.7223	-82.4172	12.9802	0.0000
75	-12.5472	-80.0357	-27.7749	16.5155	-5.1018	-83.8605	13.0393	0.0000
76	-18.7728	-73.7210	-27.7481	13.8290	-15.4599	-77.0320	13.4123	0.0000
77	-30.2079	-76.7056	-29.0741	11.2447	-18.0521	-78.8614	10.8527	0.0000
78	-35.6384	-78.1044	-28.1228	9.7988	-14.1642	-79.5785	8.6339	0.0000
79	-47.7668	-77.7308	-27.7493	10.4198	-13.0813	-79.4104	9.1567	0.0000
80	-21.0504	-81.7995	-30.8550	12.4702	-18.5992	-84.2597	11.1602	0.0000
81	-33.3491	-83.9221	-32.1814	14.4764	-20.0671	-87.2040	12.7735	0.0000
82	-33.4498	-83.2871	-32.0308	16.4296	-19.2104	-87.5254	14.4231	0.0000
83	-36.4228	-84.5616	-33.2953	17.1528	-21.7394	-89.2450	15.2716	0.0000
84	-38.7590	-84.2609	-33.9060	16.1221	-24.4157	-88.6041	15.0774	0.0000
85	-31.6430	-85.3611	-35.1012	16.3504	-27.0369	-89.9672	15.6966	0.0000
86	-35.1909	-86.3091	-36.5100	16.4928	-30.3475	-91.3525	16.3658	0.0000
87	-36.2364	-86.9572	-36.9581	16.8872	-31.1283	-92.0652	16.8295	0.0000
88	-35.9053	-87.7529	-37.0975	16.6913	-30.9956	-92.6616	16.3879	0.0000
89	-38.6861	-90.4781	-38.7493	16.9387	-33.6383	-95.5259	16.5944	0.0000
90	-48.0044	-94.6432	-42.3943	15.4221	-41.5213	-99.1264	16.1988	0.0000
91	-43.5762	-93.6027	-41.1537	17.7341	-37.9274	-99.2515	17.6681	0.0000
92	-40.1053	-96.6642	-41.0309	22.9209	-31.9839	-104.7866	19.5126	0.0000
93	-45.0252	-86.8118	-39.5511	31.5019	-28.0686	-103.7685	28.2478	0.0000
94	-59.6774	-69.7701	-37.0342	37.3173	-25.3366	-101.1109	40.0251	0.0000
95	-60.4114	-71.3703	-39.3345	33.3885	-32.0557	-99.7460	40.3401	0.0000
96	-49.0340	-48.0049	-29.1117	22.2811	-26.2924	-70.7465	45.6632	0.0000
97	-42.3688	-38.4182	-24.2361	9.8007	-30.3173	-50.4697	50.6526	0.0000
98	-34.6510	-33.8804	-20.5394	3.5092	-30.7384	-37.7961	48.1929	0.0000
99	-30.2448	-32.8563	-18.9303	0.9110	-29.9554	-33.1427	17.4512	0.0000
100	-28.5020	-32.5283	-18.3091	0.1262	-28.4980	-32.5323	1.7934	0.0000
101	-27.1509	-34.5113	-27.1606	0.1455	-27.1606	-34.5113	0.1237	0.0000
102	-25.8300	-34.4482	-26.0825	0.5380	-25.8300	-34.4482	0.4515	0.0000
103	-22.7914	-94.4428	-35.1703	1.4003	-22.7640	-94.4702	1.1192	0.0000
104	-15.9077	-93.0605	-32.6905	4.5415	-15.6413	-93.3269	3.3572	0.0000

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
105	-7.8939	-90.4041	-29.4894	9.3615	-6.8451	-91.4539	6.3925	0.0000
106	-5.3505	-87.4571	-27.8423	13.6784	-3.1328	-89.6758	9.2137	0.0000
107	-0.7205	-74.9117	-22.5897	21.5238	5.0968	-80.7290	15.0906	0.0000
108	-8.5300	-64.9581	-22.5464	19.2573	-2.5845	-70.9036	17.1576	0.0000
109	-11.7293	-67.6134	-23.8028	7.7924	-10.6631	-68.6796	7.7912	0.0000
110	-8.1486	-81.0680	-26.7650	5.7050	-7.7050	-81.5416	4.4466	0.0000
111	-7.1723	-93.0701	-30.0727	14.4377	-4.7846	-95.4478	9.3203	0.0000
112	-10.3921	-92.8538	-30.9738	25.1315	3.3053	-99.9406	15.7122	0.0000
113	-22.2164	-86.5394	-32.6267	27.4172	-12.1160	-96.6398	20.2236	0.0000
114	-27.2642	-84.0104	-33.3824	21.9002	-19.7952	-91.4794	18.8317	0.0000
115	-24.4657	-86.8835	-33.4048	21.8988	-17.5528	-93.7914	17.5222	0.0000
116	-27.3743	-85.7285	-33.9308	27.9322	-16.1179	-96.9063	21.9063	0.0000
117	-37.8314	-80.9149	-35.6239	26.5934	-25.1449	-93.6014	25.4987	0.0000
118	-38.7900	-82.8870	-36.5037	18.9567	-32.3397	-89.3313	19.6579	0.0000
119	-39.2848	-82.4443	-38.3187	18.8473	-29.6997	-88.0933	16.7017	0.0000
120	-38.5773	-92.0261	-39.1810	28.7856	-26.0232	-104.5832	23.5632	0.0000
121	-51.5422	-84.2467	-40.7367	29.6613	-34.8965	-100.8924	30.1469	0.0000
122	-52.8779	-85.7876	-41.5997	17.3311	-45.4071	-93.1948	23.2014	0.0000
123	-53.2300	-105.4932	-47.6170	15.3741	-49.0430	-109.6803	15.2338	0.0000
124	-33.0482	-115.8711	-51.2758	29.8753	-42.8388	-128.0905	22.2452	0.0000
125	-65.9348	-100.7857	-50.0162	45.6413	-34.5566	-132.2149	34.5518	0.0000
126	-71.8425	-73.1432	-43.4957	42.4532	-30.0346	-114.9511	44.5612	0.0000
127	-63.8110	-49.6623	-34.0420	28.9392	-28.8940	-84.5833	52.3569	0.0000
128	-59.9139	-83.9905	-27.5113	13.8907	-30.0842	-61.6202	59.1217	0.0000
129	-40.2505	-84.2867	-22.3611	5.5583	-30.9609	-43.5762	59.1068	0.0000
130	-31.8347	-32.7820	-19.3850	1.4599	-30.7236	-32.8457	3.8457	0.0000
131	-28.3509	-32.5651	-18.2748	0.2846	-28.3318	-32.5842	3.8457	0.0000
132	-27.3168	-32.5091	-17.3478	-0.0141	-27.3168	-32.5091	-0.1554	0.0000
133	-27.4594	-94.5415	-36.6003	0.0361	-27.4594	-94.5415	0.0309	0.0000
134	-26.3427	-94.4908	-36.2501	0.1656	-26.3427	-94.4912	0.1393	0.0000
135	-23.7630	-94.7456	-35.5326	0.2489	-23.7613	-94.7473	0.2816	0.0000
136	-16.3126	-94.1681	-32.1442	1.3350	-19.2316	-94.1991	1.1438	0.0000
137	-5.5240	-92.6610	-29.4555	4.3978	-5.3026	-92.8824	2.8819	0.0000
138	-2.0786	-91.3035	-26.7675	9.1529	-2.9673	-92.1921	5.5455	0.0000
139	8.8805	-86.9120	-23.4095	17.9051	12.1179	-90.1494	10.2486	0.0000
140	26.6087	-72.4227	-14.0442	27.9304	33.7333	-80.5473	14.4589	0.0000
141	27.6810	-72.9632	-13.5846	33.5810	37.8569	-83.1390	16.8580	0.0000
142	7.8606	-44.5462	-11.0057	30.4606	21.8376	-58.5232	24.6432	0.0000
143	-1.6485	-43.9128	-13.6578	9.7832	0.3082	-46.0674	12.4205	0.0000
144	0.6941	-64.2246	-19.0591	-4.4359	1.0940	-64.5344	-3.9429	0.0000
145	0.0886	-64.4837	-19.3182	-9.6494	1.5007	-65.8948	-8.3198	0.0000
146	-2.6739	-91.9693	-28.3927	0.2647	-2.6721	-91.9701	-0.1698	0.0000
147	-1.8578	-124.6501	-37.9524	10.1736	-1.0306	-125.4873	4.7043	0.0000
148	5.7896	-139.3798	-40.0789	13.8295	-7.0894	-140.6356	5.3938	0.0000
149	16.6320	-34.7305	-35.4296	43.7781	28.3817	-146.4803	15.0237	0.0000
150	-8.6071	-21.7260	-39.0999	55.9085	13.3649	-144.6947	22.3342	0.0000
151	-26.2927	-66.6653	-27.8874	56.3365	-12.0859	-106.3228	35.1433	0.0000
152	-51.2327	-55.4859	-32.0156	41.2185	-27.9101	-94.5233	43.5233	0.0000
153	-37.7450	-49.7054	-28.2351	14.6408	-22.9299	-72.6904	33.8909	0.0000
154	-27.7367	-67.8836	-28.5861	14.6997	-22.8022	-103.7263	18.1076	0.0000
155	-25.2839	-101.2446	-37.9586	13.9524	-15.6592	-103.7263	10.0856	0.0000
156	-17.3339	-119.6365	-41.0911	13.1956	-15.6592	-121.3112	7.2327	0.0000

STEP 1 CASE-1

SUB STEP 1

## ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFETY FACTOR
157	-4.7799	-114.2563	-35.7109	37.7388	6.9686	-126.0048	17.2920	0.0000
158	26.1559	-106.2162	-39.7116	51.2840	-1.1287	-131.2435	26.0130	0.0000
159	-41.0966	-56.1454	-29.7135	48.7552	0.7066	-97.9517	40.6140	0.0000
160	-59.4152	-52.1272	-23.4827	30.3112	-25.2358	-86.3065	48.4269	0.0000
161	-46.8021	-46.7216	-28.0571	6.4278	-40.3340	-53.1795	45.1795	0.0000
162	-41.0876	-71.0376	-33.6377	8.2193	-38.9807	-73.1450	14.3806	0.0000
163	-31.7731	-108.4157	-43.7031	9.5072	-36.0130	-109.6641	7.4807	0.0000
164	-31.7731	-132.0561	-49.4488	8.5823	-31.0469	-132.7823	4.8467	0.0000
165	-17.2265	-125.8218	-42.9145	35.9161	-6.4227	-136.6256	16.7417	0.0000
166	-37.4765	-118.5179	-46.7583	55.0279	-9.6598	-146.3346	26.8166	0.0000
167	-55.6132	-57.9424	-34.0667	54.2137	-2.5516	-111.0039	44.3847	0.0000
168	-72.1957	-53.5001	-37.7087	33.1377	-28.3977	-97.2980	52.8721	0.0000
169	-51.5342	-47.2166	-31.4252	8.8245	-42.1536	-62.5972	60.1553	0.0000
170	-57.3532	-73.6303	-39.2950	12.4371	-50.6284	-80.3550	28.4001	0.0000
171	-68.2420	-111.8153	-51.0172	15.2182	-54.1912	-115.8661	14.8495	0.0000
172	-66.7433	-135.4240	-60.6502	16.7139	-62.8918	-139.2754	12.9764	0.0000
173	-78.2776	-138.0452	-64.8969	40.9171	-57.4933	-158.8295	26.9288	0.0000
174	-92.6166	-106.7136	-60.16991	60.3674	-40.5433	-161.7869	42.3743	0.0000
175	-92.8113	-56.8353	-44.8540	38.4385	-32.3569	-17.2897	57.5305	0.0000
176	-72.1990	-38.4972	-33.0089	16.3270	-31.8839	-78.8113	67.9523	0.0000
177	-51.0013	-32.1439	-24.9436	5.5766	-30.6181	-52.5270	74.6988	0.0000
178	-51.0013	-36.3470	-26.3367	7.0394	-33.5836	-54.2730	68.5604	0.0000
179	-34.8894	-31.9577	-20.0541	1.2931	-31.4638	-35.3782	69.2920	0.0000
180	-88.6778	-32.6079	-18.3857	0.3501	-28.5439	-32.6388	5.0510	0.0000
181	-56.5262	-32.4622	-17.6971	-0.0314	-26.5280	-32.4623	-0.3027	0.0000
182	-56.0955	-32.3500	-17.6979	-0.0367	-32.5502	-32.5502	0.0000	0.0000
183	-9.0318	-96.0793	-31.5333	1.0079	-9.0201	-96.0939	0.6633	0.0000
184	3.3238	-92.7683	-26.8333	4.4395	3.5341	-92.9735	2.6751	0.0000
185	15.9520	-93.0851	-23.1399	8.5175	16.6133	-93.7464	4.4398	0.0000
186	25.0421	-91.0796	-19.8112	14.5133	26.8386	-92.8661	7.0172	0.0000
187	50.1575	-66.8861	-5.0186	38.2339	61.5655	-78.2861	16.5960	0.0000
188	37.0121	-23.7721	3.9720	50.2370	65.2363	-52.0963	29.4110	0.0000
189	22.8404	-6.7105	4.8390	16.0981	29.8864	-13.7565	23.6911	0.0000
190	16.2398	-37.7568	-6.4551	4.1786	16.5613	-38.0783	4.3990	0.0000
191	2.0282	-75.3732	-22.0035	2.4030	2.1037	-75.4478	1.7765	0.0000
192	-9.7112	-107.0509	-34.1286	2.8780	-6.8887	-107.1384	1.6416	0.0000
193	-9.1488	-133.0202	-42.6507	4.8661	-8.9307	-133.1883	2.1082	0.0000
194	-18.6177	-163.6330	-52.6732	12.0803	-17.6317	-166.5190	4.6663	0.0000
195	-26.3849	-213.4661	-71.9553	30.4560	-21.5517	-218.2994	9.0174	0.0000
196	-22.8404	-150.5759	-41.1130	112.3401	70.5942	-207.6374	26.9276	0.0000
197	-55.6524	-36.7060	-27.7075	106.9394	60.6951	-152.9396	47.5441	0.0000
198	-15.0492	17.7934	0.8233	26.0948	-17.3318	-29.6376	60.9877	0.0000
199	-23.1371	-34.8003	-17.3812	9.9264	-17.4561	-40.4813	29.7832	0.0000
200	-29.4311	-69.3945	-29.6477	5.1427	-28.7399	-70.0357	7.2166	0.0000
201	-26.6972	-98.5069	-37.5612	5.1008	-26.3367	-98.8674	4.0428	0.0000
202	-32.0875	-132.3371	-49.3274	9.1476	-31.2397	-133.1650	5.1713	0.0000
203	-39.5744	-181.8052	-66.4139	23.6195	-35.7547	-185.6249	9.1864	0.0000
204	-2.2481	-129.2205	-39.4406	96.1486	48.4831	-180.9517	28.2828	0.0000
205	-61.7311	-28.5546	-27.0857	87.7959	44.2064	-134.4521	50.3497	0.0000
206	-25.7122	12.5578	-2.9463	17.8152	19.3972	-32.7316	68.5228	0.0000
207	-35.9943	-41.6891	-23.3050	5.3876	-32.7480	-44.9354	31.0717	0.0000
208	-41.7562	-75.3585	-35.1345	2.6230	-41.5528	-75.5620	4.4367	0.0000

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
209	-40.1047	-105.5795	-43.7359	2.8593	-39.9803	-105.8039	2.4920	0.0000
210	-45.4101	-140.0481	-53.6374	6.2820	-44.9949	-140.4633	3.7811	0.0000
211	-55.2251	-197.2601	-75.7455	20.4062	-52.3514	-200.1337	8.0158	0.0000
212	-13.7441	-143.7442	-47.2465	98.9695	39.6618	-197.1502	28.3522	0.0000
213	-76.5019	-31.4475	-32.3818	93.2512	41.9589	-149.9084	51.7905	0.0000
214	-35.4050	12.9522	6.7332	17.8331	18.8331	-41.2859	71.7741	0.0000
215	-45.3937	-48.8718	-28.3996	8.7530	-38.4455	-56.2200	40.0137	0.0000
216	49.3634	-82.5731	-39.6415	11.7164	-45.8294	-86.3091	17.6858	0.0000
217	-52.5243	-111.9246	-49.3347	31.0471	-43.8228	-118.6261	17.6617	0.0000
218	-70.0626	-140.6291	-62.2075	31.8391	-57.8207	-152.8710	21.0313	0.0000
219	-105.8812	-155.0809	-78.2736	53.2334	-71.8240	-189.0882	32.6099	0.0000
220	-133.9980	-105.3632	-71.6602	68.1195	-49.8774	-188.9898	50.8329	0.0000
221	-104.7646	-40.1768	-43.4834	25.0336	-31.6103	-113.3312	71.1089	0.0000
222	-67.0947	-35.0118	-30.6319	6.9738	-33.5611	-58.5454	78.2509	0.0000
223	-44.5333	-30.9392	-22.6417	0.3069	-30.9323	-44.5402	88.7073	0.0000
224	0.5376	-95.1209	-28.3720	1.1763	0.5521	-95.1453	0.7044	0.0000
225	13.4607	-94.0731	-24.1837	3.4272	13.5698	-94.1822	1.8236	0.0000
226	29.0981	-92.8342	-19.1208	4.5514	29.2678	-92.8028	2.1347	0.0000
227	55.7265	-88.5920	-12.8366	12.0599	56.6633	-88.5288	4.4417	0.0000
228	131.2241	-8.9195	36.6944	72.3800	161.8942	-39.5896	22.9642	0.0000
229	58.0858	17.4720	22.6673	36.7199	79.7398	-4.1820	30.5282	0.0000
230	27.2185	-31.1887	-1.1911	24.1038	35.8791	-39.8493	19.7659	0.0000
231	4.1701	-73.9655	-20.9386	22.1598	10.0143	-79.8097	14.7779	0.0000
232	-13.7830	-106.3142	-36.0292	19.5008	9.8403	-110.2287	1.4287	0.0000
233	-46.4286	-138.2288	-50.7757	20.4923	-27.2400	-142.0124	10.4610	0.0000
234	-46.4581	-178.9337	-67.6961	25.8631	-41.5844	-183.7693	10.6693	0.0000
235	-89.0669	-231.8940	-87.3883	35.8093	-51.9182	-239.0428	11.2714	0.0000
236	-93.4316	-448.8795	-162.6933	88.6078	-72.5676	-469.7434	13.2497	0.0000
237	37.3611	245.3059	84.8001	83.8099	274.8789	7.7882	70.5642	0.0000
238	3.3901	29.1178	9.5324	31.3135	50.1124	-17.6044	56.1647	0.0000
239	3.5296	-23.2041	-9.5201	21.6168	6.5633	-38.6949	35.6257	0.0000
240	26.4298	-65.8580	-26.4893	15.8931	-17.2439	-71.0538	18.1038	0.0000
241	-36.5701	-101.1674	-41.3213	15.2333	-33.1324	-104.6061	12.6687	0.0000
242	-46.6812	-142.3734	-57.6164	19.7305	-43.6561	-146.3985	11.5302	0.0000
243	-60.3856	-191.3788	-75.5293	27.9418	-54.6744	-197.0899	11.5519	0.0000
244	-91.5738	-369.1139	-144.2663	76.9615	-73.1206	-407.5671	13.5854	0.0000
245	-21.6652	209.2242	69.2668	70.2744	232.5330	-1.7426	11.5768	0.0000
246	-9.9069	13.9552	1.2145	23.5624	28.4359	24.3877	58.4274	0.0000
247	-31.5569	-32.8437	-16.5201	16.8738	-9.8812	-44.5193	35.4914	0.0000
248	-35.5055	-73.6002	-32.7317	11.8124	-32.1400	-76.9656	15.9028	0.0000
249	-49.1976	-107.7649	-47.0887	11.9385	-46.8575	-110.1049	11.0900	0.0000
250	-63.2068	-150.1000	-63.9920	16.9592	-60.0141	-153.2927	10.6615	0.0000
251	-74.4517	-198.8671	-81.9957	25.1671	-69.5837	-203.7652	11.0133	0.0000
252	-108.6548	-414.1805	-156.8506	79.1122	-89.3850	-433.4503	13.6893	0.0000
253	13.6153	224.4308	71.4138	74.1272	247.8859	-9.8398	72.4417	0.0000
254	-18.6583	-8.1475	-3.1532	21.5572	20.1287	-30.6355	60.9354	0.0000
255	-27.0171	-43.7138	-21.2133	17.0448	-16.3860	-54.3450	31.9525	0.0000
256	-38.3581	-88.2481	-27.0813	18.6938	-32.1308	-94.4754	18.4240	0.0000
257	-51.6661	-122.1477	-52.1441	30.4093	-40.3597	-133.4540	20.3954	0.0000
258	-69.7903	-149.5792	-85.9309	48.7507	-45.7643	-173.0053	25.2824	0.0000
259	-134.7912	-161.0309	-88.7465	75.6019	-71.1732	-224.6428	40.0775	0.0000
260	-199.8333	-104.0476	-91.1643	67.0103	-69.5747	-234.3062	62.7769	0.0000

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-I	SIGMA-2	THETA	SAFTY FACTOR
261	-85.7404	-19.7914	-31.6595	1.0399	-19.7753	-85.7565	89.1055	0.0000
262	-58.5180	-34.0550	-27.7719	0.5128	-34.0442	-58.5287	88.7997	0.0000
263	45.4629	121.3261	45.0330	105.4321	195.4300	-28.5240	54.8945	0.0000
264	23.1376	-19.5465	0.6996	64.5528	69.1235	-69.5385	36.0532	0.0000
265	5.1577	-63.3330	-15.7073	47.8077	29.7199	-87.8952	27.1927	0.0000
266	-10.8210	-101.9993	-30.4615	40.9681	4.8823	-117.7025	20.9720	0.0000
267	-25.2093	-139.7567	-44.5408	40.1154	-12.5579	-152.4081	17.5040	0.0000
268	-184.4941	-184.4941	-59.9310	44.5114	-25.0157	-196.9510	15.6147	0.0000
269	-47.9605	-264.5646	-84.3818	57.1011	-33.8294	-278.6957	13.9000	0.0000
270	-11.8353	-365.4790	-101.8748	32.7714	-8.8241	-368.4902	5.2499	0.0000
271	-28.2755	175.7417	39.8159	34.3447	181.3682	-33.9020	80.6962	0.0000
272	5.7513	66.4443	19.4928	52.8477	97.0387	-24.8431	59.9327	0.0000
273	-5.8596	-13.6806	-5.2759	37.5086	27.9418	-47.4820	42.0240	0.0000
274	-17.6446	59.5095	-20.8316	31.5104	-0.7475	-76.4066	28.2019	0.0000
275	-30.3916	-101.1474	-35.5155	30.4795	-19.0737	-112.4664	20.3731	0.0000
276	-41.7143	-145.5712	-50.5671	34.3708	-31.3698	-155.9157	16.7500	0.0000
277	-52.4872	-220.7944	-73.7860	47.3253	-40.0928	-233.1888	14.6760	0.0000
278	-21.1166	-322.2225	-92.7016	30.2900	-18.0938	-325.2393	5.6878	0.0000
279	-33.2012	156.9622	33.4155	32.8404	162.4739	-38.7177	80.4728	0.0000
280	-9.8147	46.2818	10.9261	44.0917	71.4448	-30.9777	60.2867	0.0000
281	-19.4976	-26.5108	-12.4223	29.8906	7.1807	-53.1991	41.6856	0.0000
282	-32.6512	-68.7351	-27.3770	25.8906	-19.1831	-82.2583	27.5722	0.0000
283	-47.4238	-108.4896	-42.0966	26.0906	-37.8143	-118.0991	20.2408	0.0000
284	60.6698	-152.2938	-57.5002	30.5506	-51.4175	-161.5461	16.8490	0.0000
285	-74.6563	-231.1790	-82.5755	46.4351	-61.9173	-243.9179	15.3410	0.0000
286	-42.1904	-352.2806	-106.5071	34.9669	-38.2862	-356.1748	6.3549	0.0000
287	-51.1175	175.8741	33.6843	33.5679	180.7341	-55.9776	81.7619	0.0000
288	-16.0159	43.0672	7.3039	37.8848	61.5669	-34.5156	63.9731	0.0000
289	-23.6557	-42.6367	-17.9989	23.9191	-7.4131	-58.8793	34.1791	0.0000
290	-30.9845	-91.1398	-32.9736	27.7807	-20.1179	-102.0644	21.9523	0.0000
291	-47.7973	-133.9385	-49.0687	41.9944	-30.7131	-151.0227	22.1876	0.0000
292	75.5311	-148.6392	-60.3260	61.0150	-40.9583	-183.2120	29.5371	0.0000
293	-183.0150	-228.9889	-111.2411	154.6008	-49.7016	-362.3023	40.7714	0.0000
294	-79.9839	41.2888	-10.4477	26.6089	46.8703	-85.5553	78.1524	0.0000
295	-36.9831	5.0124	-8.6321	58.9132	46.9380	-78.5287	54.8085	0.0000
296	30.3277	-52.4725	-22.3180	56.3180	15.6389	-99.0390	39.5857	0.0000
297	-33.7150	-95.0758	-34.7735	53.4273	-2.7856	-126.0952	30.0668	0.0000
298	-39.6476	-137.0139	-47.6986	52.2907	-16.8859	-159.7156	23.5231	0.0000
299	-44.0079	-187.0659	-62.3999	52.2408	-26.9620	-204.1117	18.0712	0.0000
300	-38.1887	-246.8453	-76.3592	44.4626	-29.1093	-255.9248	11.5414	0.0000
301	-34.4247	-311.8641	-99.4980	21.0401	-32.8381	-313.4506	4.3123	0.0000
302	-22.7998	135.2184	30.3530	21.8572	138.1860	-25.7574	82.2682	0.0000
303	-18.3795	63.3977	12.1549	43.1216	81.9243	-36.5161	66.7387	0.0000
304	-14.9233	0.4474	4.1504	49.6737	39.6737	-55.0454	49.3959	0.0000
305	-22.5233	-52.3614	-20.2189	44.1775	9.1863	-84.0710	35.6699	0.0000
306	-32.1379	-96.9476	-34.8531	43.0711	-10.6429	-118.4426	26.5419	0.0000
307	-39.9884	-147.4196	-50.6002	43.5763	-24.5957	-162.8724	19.5452	0.0000
308	-37.5680	-208.5971	-68.4632	38.9202	-23.7229	-217.0272	12.2523	0.0000
309	-34.2058	-277.7274	-84.2220	19.4891	-32.6559	-279.2773	4.5468	0.0000
310	-23.2507	124.8262	27.4254	21.6065	127.9145	-26.3390	81.8656	0.0000
311	-19.4210	48.0117	7.7195	39.6984	66.3795	-37.7888	65.1708	0.0000
312	-20.3066	-15.1588	-9.5757	41.3806	23.7279	-59.1933	46.7796	0.0000

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
313	-31.9959	-63.5599	-25.7893	39.8309	-4.9070	-90.6089	34.1802	0.0000
314	-45.8780	-105.2213	-40.7968	40.3742	-25.4449	-125.6434	26.8436	0.0000
315	-58.6832	-155.5331	-57.8384	42.6388	-42.6388	-171.6298	20.6822	0.0000
316	-59.7063	-223.9445	-76.5897	40.7282	-50.1612	-233.4897	13.1899	0.0000
317	-55.5005	-309.8103	-98.6339	21.9583	-53.6185	-311.6924	4.8989	0.0000
318	-40.7708	151.2726	29.8355	17.8988	158.9245	-42.4247	84.7205	0.0000
319	-31.7714	49.0908	4.8362	23.3258	-40.1611	-72.3922	72.3922	0.0000
320	-27.7941	35.9588	1.2133	30.6818	-0.9243	-62.8287	41.2105	0.0000
321	-39.3455	-97.3556	-36.9096	39.4865	-19.3574	-117.3454	26.8506	0.0000
322	-61.8533	-142.0209	-55.0466	59.5328	-30.1691	-173.7071	28.0240	0.0000
323	-104.4446	-183.9787	-107.8743	100.6219	-36.0165	-252.4067	34.2177	0.0000
324	-135.5129	-240.3289	-171.4773	159.0326	-20.4754	-355.3663	35.8804	0.0000
325	-73.3621	10.5206	-16.9402	13.2835	13.2215	-75.9630	79.9781	0.0000
326	-67.8453	15.0399	-22.2790	35.5363	-2.8288	-85.7140	62.3056	0.0000
327	-54.6920	-52.0333	-28.8158	48.9808	-4.3638	-102.3615	45.7773	0.0000
328	-49.7887	-92.4779	-38.4120	54.4303	-12.6675	-129.5991	34.2938	0.0000
329	-49.4495	-131.9442	-48.9763	54.6348	-22.2402	-159.1535	26.4742	0.0000
330	-46.7368	-175.6119	-60.0342	48.4372	-30.5620	-191.7868	18.4660	0.0000
331	-41.9986	-224.1070	-71.6865	36.3933	-34.4164	-231.0892	10.8606	0.0000
332	-36.1488	-269.5776	-82.5461	15.0297	-35.1851	-270.5413	3.6689	0.0000
333	-34.5927	104.5323	18.8918	16.0551	106.3907	-36.4210	83.5032	0.0000
334	-30.2572	53.6560	6.3177	37.1777	67.7577	-44.3590	63.2279	0.0000
335	-27.1719	0.1876	-7.2993	47.0034	35.4295	-62.4638	53.0994	0.0000
336	-28.4171	-47.4163	-20.4750	51.5020	14.4541	-80.2874	39.7746	0.0000
337	-33.8267	-90.8304	-33.6573	50.7759	-4.0975	-120.3488	30.3488	0.0000
338	-36.8930	-137.4738	-46.8880	44.7640	-13.0811	-154.3561	20.7195	0.0000
339	-33.8930	-190.7789	-60.4899	34.1506	-26.7564	-197.3135	11.8035	0.0000
340	-30.1113	-241.9576	-73.3508	14.4300	-29.1316	-242.5378	3.8861	0.0000
341	-28.1225	99.1877	19.1876	16.3403	101.2515	-30.1863	82.8016	0.0000
342	-24.8321	41.9894	4.6325	36.7319	58.2325	-41.0752	66.1446	0.0000
343	-24.8739	-13.6704	-10.4070	45.9265	26.9948	-65.5391	48.4771	0.0000
344	-31.2225	-60.0927	-24.6351	50.9606	7.3080	-98.6232	37.0923	0.0000
345	-41.2710	-101.4448	-38.5333	52.2530	-11.0620	-131.6533	30.0335	0.0000
346	-46.1955	-148.1459	-53.2822	49.1555	-28.9209	-168.4206	22.4100	0.0000
347	-53.1895	-207.7489	-70.4534	38.7732	-44.0351	-216.9033	13.3043	0.0000
348	-50.2742	-274.6187	-87.7211	15.8345	-49.1551	-275.7378	4.0300	0.0000
349	-48.5921	137.3080	24.4933	9.2735	137.7745	-47.0585	87.1205	0.0000
350	-38.6309	47.1506	2.3003	20.5229	51.8078	-43.2881	77.2146	0.0000
351	-36.8703	-47.5489	-21.7332	34.3358	-4.7342	-73.6250	43.0512	0.0000
352	-48.9338	-107.3889	-42.2071	54.7290	-16.1169	-140.2058	30.9480	0.0000
353	-76.3898	-161.1946	-64.1478	82.2335	-26.2525	-211.3319	31.3642	0.0000
354	-109.9764	-210.8415	-86.3508	124.8389	-25.0706	-294.7473	33.9034	0.0000
355	-135.5976	-255.6310	-105.6317	170.5859	-14.8324	-376.3563	35.3054	0.0000
356	-172.6282	-8.6615	-21.9469	11.0115	-6.8193	-74.4659	80.5003	0.0000
357	-65.9333	-31.0516	-26.1224	27.9798	-15.9750	-80.7748	61.1609	0.0000
358	63.7314	-62.3486	-34.5816	40.7467	-23.2533	-104.8218	45.1885	0.0000
359	-61.3868	-94.6453	-42.1287	48.7171	-25.5399	-129.4932	35.5765	0.0000
360	-50.4793	-124.3984	-47.2170	50.0402	-25.2893	-149.6484	26.7753	0.0000
361	-47.4446	-158.6766	-55.5227	43.7838	-32.3846	-174.7366	18.9814	0.0000
362	-49.5021	-200.0692	-67.3851	30.2868	-43.6411	-205.9331	10.9577	0.0000
363	-43.6325	-235.6794	-75.4142	10.5096	-43.0391	-236.2526	3.1230	0.0000
364	-38.4813	79.9686	11.2016	12.8103	81.3382	-39.8509	83.8975	0.0000

JOINT ANALYSIS

STEP 1 CASE-1 SUB STEP 1

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
355	-34.3911	41.1839	1.8341	33.9553	54.1986	-47.4057	69.0288	0.0000
356	-39.2857	-4.4486	-11.8085	46.2751	27.5774	-71.3127	55.2138	0.0000
357	-38.4737	-46.4296	-22.9239	51.5685	9.2701	-94.1733	42.7945	0.0000
358	-30.3596	-82.0570	-30.3525	2.1551	2.0009	-114.4175	31.8182	0.0000
359	-31.9481	-122.1451	-41.6052	45.6782	-12.8565	-141.2367	22.6829	0.0000
370	-37.7492	-168.3721	-55.6528	31.2920	-30.6398	-175.4815	12.8000	0.0000
371	-32.6935	-210.8842	-65.7560	10.7395	-52.0474	-211.5363	3.4556	0.0000
372	-27.7391	-277.8523	-77.4767	3.1361	-79.2800	-29.3663	82.9706	0.0000
373	-22.9492	-31.6042	2.3369	35.1131	48.7904	-40.1354	63.9205	0.0000
374	-30.1712	-18.0799	-13.0278	49.3212	25.5648	-73.8159	48.4941	0.0000
375	-33.5498	-59.5179	-25.1283	56.1589	1.1162	-104.1839	38.4920	0.0000
376	-31.4796	-95.8855	-34.2886	57.3754	2.1158	-129.4810	30.3488	0.0000
377	-33.3442	-137.6045	-46.1561	54.6731	-9.9316	-161.0171	23.1820	0.0000
378	-44.2867	-184.6884	-61.8233	44.4954	-31.3732	-197.6019	16.1839	0.0000
379	-56.8951	-242.1706	-80.7477	14.4359	-55.7678	-243.2979	4.4457	0.0000
380	-43.8225	131.8444	23.7659	0.1233	131.8445	-43.8227	89.9451	0.0000
381	-26.5900	37.4731	2.9384	15.1676	40.8827	-29.9997	77.3307	0.0000
382	-59.7312	-57.9759	-29.9809	46.8430	-6.8296	-100.8776	42.4854	0.0000
383	-70.6304	-126.5106	-52.9581	68.4398	-24.2883	-171.8527	34.0834	0.0000
384	-78.2310	-180.5302	-69.8655	102.7592	-14.5861	-244.1751	31.7699	0.0000
385	-124.3090	-243.1956	-99.2562	149.8338	-22.5624	-344.9422	34.1799	0.0000
386	-145.3806	-272.2425	-112.1582	193.7772	-4.9167	-412.7064	35.9373	0.0000
387	-68.3142	-39.0907	-38.9993	12.1949	-34.6704	-72.7345	70.0759	0.0000
388	-70.5658	-63.1561	-36.1049	28.0135	-38.6035	-95.1184	48.7659	0.0000
389	-67.5485	-63.1305	-35.2534	38.6827	-26.5939	-104.0852	46.6342	0.0000
390	-63.0621	-87.1361	-40.0660	33.8460	-37.8177	-110.3885	34.4734	0.0000
391	-55.3079	-124.7241	-48.6086	34.6413	-40.9786	-139.0534	22.4724	0.0000
392	-46.8856	-154.7943	-54.4536	42.0139	-32.4569	-169.2231	18.9538	0.0000
393	-43.8592	-153.3402	-53.2338	32.1391	-35.1218	-162.0776	15.2090	0.0000
394	-41.9151	-131.5247	-61.9390	12.2701	-46.7986	-182.6422	5.2038	0.0000
395	-46.7172	38.1547	-2.3119	15.5702	40.9210	-49.4835	79.9257	0.0000
396	-44.6616	2.2926	-11.4396	37.1812	22.7884	-65.1574	61.1347	0.0000
397	-43.0518	2.8880	-19.8442	50.1099	35.0336	-75.1974	57.3151	0.0000
398	-42.0474	-32.0158	-19.9371	43.1414	6.4004	-80.4636	48.3158	0.0000
399	-38.5880	-80.6314	-32.1892	42.4909	-12.2389	-106.9805	31.8277	0.0000
400	-30.0879	-118.2316	-40.0732	49.0931	-8.2031	-140.2164	24.0264	0.0000
401	-29.0162	-117.9352	-39.6769	37.0044	-15.6314	-131.3201	19.8856	0.0000
402	-33.9486	-154.7434	-50.9369	14.8542	-32.1454	-156.5466	6.9149	0.0000
403	-32.1400	37.0867	-1.3356	16.3662	40.7609	-35.8142	77.3459	0.0000
404	-31.4081	-9.3685	-11.0097	39.1236	20.2567	-61.0333	52.8656	0.0000
405	-29.5295	-8.6736	-10.3148	52.9300	34.8508	-73.0539	30.5721	0.0000
406	-23.0396	-50.6862	-19.9060	48.3833	13.4592	-87.1851	37.0281	0.0000
407	-14.4074	-100.5248	-31.0047	56.8632	13.8618	-128.7141	26.4494	0.0000
408	-24.1981	-137.7448	-44.7246	65.8457	-5.9703	-167.9192	24.6158	0.0000
409	-26.5992	-138.6328	-44.6126	52.3494	-5.9457	-159.2863	21.5308	0.0000
410	-8.6496	-171.1043	-8.5335	36.3079	-0.9042	-178.8496	12.0421	0.0000
411	-19.4373	87.5147	18.3009	5.1848	87.7655	-19.6880	-87.2311	0.0000
412	-42.0111	52.7415	-23.6075	41.0300	6.0458	-88.7388	41.3063	0.0000
413	-54.8551	-37.4588	-30.3248	75.0677	-18.9220	-131.2359	44.5032	0.0000
414	-59.4852	-132.1565	-51.8240	76.2873	-11.4388	-180.6123	32.2031	0.0000
415	-108.9055	-233.5183	-92.4544	142.6533	-15.5335	-326.8903	33.2039	0.0000
416	-137.3603	-266.1687	-109.1418	194.7232	-3.0980	-407.3270	35.8031	0.0000

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-I	SIGMA-2	THETA	SAFTY FACTOR
417	-64.2309	-64.1725	-34.6889	12.7388	-51.4628	-76.9406	45.0657	0.0000
418	-57.7544	-86.8388	-39.0537	26.7053	-41.9016	-102.7416	30.6942	0.0000
419	-54.2309	-112.0065	-44.8841	27.3479	-43.3391	-122.8982	21.7157	0.0000
420	-47.1657	-136.1051	-49.6181	13.5599	-45.6333	-138.1374	8.5240	0.0000
421	-49.8667	3.3751	-12.5277	18.5351	9.1921	-55.6888	72.5760	0.0000
422	-43.7589	-28.1931	-19.4470	39.6209	4.4017	-76.3537	50.5567	0.0000
423	-42.8144	-65.8618	-29.3426	38.2439	-14.3958	-94.2804	36.6157	0.0000
424	-36.1141	-103.1638	-37.6050	17.6438	-31.7545	-107.5232	13.8727	0.0000
425	-37.0890	4.8068	-8.7162	15.5332	9.9471	-42.2293	71.7072	0.0000
426	-21.1973	-48.8793	-18.9077	35.4268	3.0429	-73.1194	34.3436	0.0000
427	-5.0331	-99.4709	-28.2161	44.2822	12.4482	-116.9521	21.5647	0.0000
428	12.7955	-108.0531	-25.7193	23.4053	17.1702	-112.4277	10.5869	0.0000
429	-20.2269	16.0239	-1.1348	53.5361	54.4102	-58.6132	54.3538	0.0000
430	-93.3561	-197.8470	-78.6248	134.7810	-1.0288	-290.1533	34.4060	0.0000
431	-146.7596	-285.4328	-116.8893	222.1180	16.5958	-448.7783	36.3324	0.0000
432	-57.1537	-80.0396	-37.0422	9.2060	-53.9102	-83.2831	19.4086	0.0000
433	-53.7652	-87.5902	-38.1660	20.7038	-43.9442	-97.4112	25.3777	0.0000
434	-49.2460	-95.4650	-39.0720	21.3528	-40.8914	-103.8187	21.3687	0.0000
435	-46.6999	-101.7428	-40.0725	10.5304	-44.7362	-103.7065	10.5145	0.0000
436	-45.6452	-21.0685	-18.0127	16.8475	-12.5040	-54.2098	63.0533	0.0000
437	-44.2868	-30.3200	-20.1438	35.9108	-0.7199	-73.8869	50.5023	0.0000
438	-42.3145	-43.9337	-23.2870	35.3309	-7.7839	-78.4543	44.3437	0.0000
439	-42.4381	-62.0882	-12.3221	15.6548	-33.7806	-70.7457	28.9437	0.0000
440	-40.1149	-67.7907	-18.6645	8.8473	-44.6013	-62.3041	76.0965	0.0000
441	-34.2950	-49.8756	-22.7263	20.8030	-19.8722	-64.2955	34.7356	0.0000
442	-25.5532	-32.0843	-31.7636	22.9667	-18.9043	-98.7388	16.7800	0.0000
443	-8.6143	-66.4120	-20.2571	25.7338	-1.1328	-76.2090	20.8422	0.0000
444	-58.5492	-100.8872	-43.0478	120.4468	42.5747	-202.0111	40.0159	0.0000
445	-144.4791	-236.3397	-102.8211	214.3265	28.7333	-409.6021	38.9522	0.0000
446	-53.6610	-88.7310	-38.7159	6.9559	-52.4320	-90.9200	10.1284	0.0000
447	-49.7822	-86.5082	-36.7984	16.7117	-43.3162	-92.9743	21.1523	0.0000
448	-45.6322	-84.1235	-35.0341	17.4322	-38.9110	-90.8447	21.0847	0.0000
449	-42.3797	-78.2652	-32.5741	8.2604	-40.5596	-80.0753	12.3601	0.0000
450	-42.1295	-38.4131	-21.7465	15.2235	-24.9348	-55.6079	48.4796	0.0000
451	-39.3405	-91.5024	-19.1276	34.6420	-0.5584	-70.2844	48.2272	0.0000
452	-39.3437	-88.0950	-18.2084	36.1347	2.8505	-70.2891	49.4235	0.0000
453	-42.0356	-81.6468	-19.8942	19.2296	-19.8006	-53.8018	53.8738	0.0000
454	-43.0913	-9.8867	-14.3041	5.2563	-9.0745	-43.9338	31.2160	0.0000
455	-43.9555	-48.2769	-24.8326	20.5345	-25.3244	-66.6381	41.8174	0.0000
456	-63.5287	-82.8646	-39.5262	24.9210	-45.4660	-99.9272	34.3983	0.0000
457	-124.4726	-46.3820	-46.1307	-7.9411	-45.5826	-125.2720	-84.2519	0.0000
458	-193.3060	-240.9726	-117.2552	234.1063	18.1770	-452.4557	42.0955	0.0000
459	-131.2366	-89.6765	-59.6446	208.2798	98.8605	-319.7865	47.8483	0.0000
460	-50.9290	-94.5673	-39.015	4.8175	-50.3668	-95.0942	6.2341	0.0000
461	-47.3882	-84.9421	-36.7292	13.0341	-43.3077	-89.0326	17.3833	0.0000
462	-42.8842	-76.0715	-32.1180	13.7958	-37.8984	-81.0573	19.8699	0.0000
463	-39.9830	-63.3712	-32.9056	6.9294	-38.0841	-65.2700	15.3245	0.0000
464	-37.3897	-49.6406	-29.4982	13.6484	-28.5352	-58.4750	32.9146	0.0000
465	-32.7298	-34.1786	-18.0639	31.5826	-1.8607	-65.047	44.3408	0.0000
466	-28.8376	-18.2612	-12.7167	37.4099	14.2374	-61.3312	49.0230	0.0000
467	-35.5142	-6.7865	-1.4212	20.0471	3.5115	-45.8122	62.8109	0.0000
468	-37.4821	-11.4129	-13.2017	3.6192	-10.9198	-37.9753	82.2410	0.0000

JOINT ANALYSIS

STEP 1 CASE-1

SUB STEP 1

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
469	-44.6308	-57.5675	-27.5936	26.4511	-23.8587	-78.3297	38.1293	0.0000
470	-79.3250	-65.8200	-39.1892	52.1478	-19.9294	-125.1556	49.6890	0.0000
471	-188.2586	-180.4632	-99.5549	145.0735	-39.2351	-329.7695	45.7695	0.0000
472	-217.2281	-87.4542	-82.2637	92.2637	-39.5403	-325.1419	62.5580	0.0000
473	-84.9874	-239.9160	-87.7239	89.5772	-44.0254	-80.8780	24.5738	0.0000
474	-48.4585	-97.4023	-39.3824	2.2927	-48.3533	-97.5095	2.6761	0.0000
475	-45.0213	-81.8467	-34.2544	8.3593	-43.2039	-83.6641	12.2361	0.0000
476	-49.6829	-57.0430	-29.0860	9.1281	-37.8306	-69.8953	17.3526	0.0000
477	-37.3626	-47.9787	-23.0421	4.6081	-35.6414	-49.6998	20.4811	0.0000
478	-33.7199	-59.7096	-25.2260	9.5989	-30.5590	-62.8705	18.2261	0.0000
479	-24.1637	-37.1482	-16.5542	23.8354	-5.9522	-55.3597	37.3818	0.0000
480	-12.0501	-13.9618	-7.0232	32.2181	19.2263	-45.2383	44.1503	0.0000
481	-8.8073	-27.9003	-7.3151	27.5703	44.5852	-17.4922	58.7726	0.0000
482	-8.4344	-17.1808	-5.9161	4.3888	6.6150	-19.0032	27.5510	0.0000
483	-40.9394	-75.7326	-31.5015	46.8994	-8.3141	-108.3580	34.8242	0.0000
484	-19.2360	-113.4149	-52.0158	96.6696	1.8431	-194.4940	39.9874	0.0000
485	-19.5910	-157.3662	-63.9784	126.7309	14.0835	-251.0416	36.4706	0.0000
486	-57.2039	-164.7976	-59.9404	46.0842	-40.1639	-181.8335	20.2922	0.0000
487	-45.8439	-97.0268	-38.5751	-0.0695	-45.8438	-97.0269	-0.0778	0.0000
488	-43.5526	-77.1088	-32.5786	3.9428	-43.0955	-77.5658	6.6122	0.0000
489	-40.4416	-57.8254	-26.5321	4.3508	-39.4135	-58.8535	13.2952	0.0000
490	-37.7333	-34.7434	-19.5687	1.7543	-33.9259	-38.5528	65.1377	0.0000
491	-34.0030	-62.5934	-26.1890	2.7672	-33.7412	-63.2552	5.4039	0.0000
492	-20.9435	-38.7956	-16.1295	9.9364	-17.1251	-42.6199	22.7708	0.0000
493	-8.7179	-8.7747	-2.5090	15.7917	11.6761	-20.9587	37.6745	0.0000
494	13.6484	56.4255	18.6199	5.9322	57.2932	12.8407	82.2480	0.0000
495	-0.9814	-43.9280	-12.1255	23.2558	23.2558	-68.1651	30.9904	0.0000
496	-43.6164	-96.9836	-37.9620	80.5568	14.5611	-155.8365	35.8365	0.0000
497	-17.4510	-135.5464	-57.5093	105.1318	2.5733	-215.5696	37.2773	0.0000
498	-65.1730	-155.1805	-59.4954	122.7281	20.5425	-240.8950	34.9211	0.0000
499	-43.3704	-93.6649	-36.5995	-1.2133	-43.3412	-93.6942	-1.3812	0.0000
500	-43.3106	-71.2250	-30.9246	1.6130	-43.2106	-71.3249	3.4176	0.0000
501	-43.0579	-48.8089	-24.8040	1.6060	-42.6398	-49.2270	14.5920	0.0000
502	-42.5611	-25.3064	-18.3242	-0.1217	-25.3055	-42.5620	-89.5959	0.0000
503	-40.3715	-55.4168	-25.6628	-3.7093	-39.5106	-56.2716	-13.0961	0.0000
504	-31.4250	-34.1297	-17.6998	-7.4258	-25.2394	-40.3253	-39.8394	0.0000
505	-12.9338	-8.2932	-5.17313	-5.1541	-4.9612	-16.2658	-57.1184	0.0000
506	6.2848	72.4270	21.2522	12.9482	74.8715	3.8404	79.3092	0.0000
507	-18.5095	-100.4698	-32.1244	64.4274	16.8665	-135.8458	28.7705	0.0000
508	-16.7988	-108.6739	-50.0775	113.3607	21.7394	-207.2118	40.9985	0.0000
509	-37.3068	-131.9950	-59.2115	115.9357	7.9863	-227.2881	39.5253	0.0000
510	-40.8903	-89.8622	-35.3032	-0.5551	-40.8840	-89.8635	-0.6493	0.0000
511	-43.5910	-64.5683	-39.3110	3.0588	-43.1619	-65.3974	7.9838	0.0000
512	-47.0189	-39.3030	-23.3069	2.6499	-38.4506	-47.8413	72.7578	0.0000
513	-49.6483	-17.0325	-18.0038	0.0519	-17.0324	-49.6483	89.9080	0.0000
514	-50.4455	-40.5384	-24.5656	-6.5851	-37.2518	-53.7331	-63.4759	0.0000
515	-51.2435	-22.1193	-19.8080	-13.2232	-17.0114	-56.3514	-68.8794	0.0000
516	-54.1563	-7.5690	-18.0138	-18.8202	-1.5593	-65.1150	-72.8874	0.0000
517	-51.5153	73.4840	-2.1685	-8.4202	73.9401	-81.9714	-86.8996	0.0000
518	-124.8521	-222.7383	-93.8494	146.6967	-19.1493	-328.4411	35.7748	0.0000
519	-144.6817	-79.3937	-60.5004	116.9647	19.3969	-233.4724	52.7970	0.0000
520	-100.8305	-86.3389	-50.5357	106.1806	12.8428	-200.0122	46.9519	0.0000

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ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
521	-86.2592	-112.2592	-53.6000	112.9996	14.4857	-213.0041	41.7186	0.0000
522	-38.6483	-89.3529	-27.5529	1.6326	-38.5958	-89.3779	1.8433	0.0000
523	-42.9773	-59.8542	-27.7645	7.4436	-40.1635	-62.5680	20.7079	0.0000
524	-49.2391	-29.9837	-21.3901	7.0393	-27.6848	-51.5380	71.9138	0.0000
525	-54.3655	-7.4800	-16.6933	2.1861	-7.3783	-54.4672	87.3362	0.0000
526	-57.3899	-26.3946	-22.6288	-3.1409	-25.5642	-58.2203	-80.8240	0.0000
527	-61.1789	-17.3566	-22.6154	-6.7000	-16.7000	-58.2203	-82.3334	0.0000
528	-91.0267	7.0520	-22.9185	7.3146	-7.5906	-92.4737	85.7966	0.0000
529	-169.6587	-85.8303	-68.9830	95.0063	-33.9028	-231.5861	56.9028	0.0000
530	-124.2651	-161.6889	-77.2032	52.5027	-37.2329	-198.7011	35.1968	0.0000
531	-112.3112	-132.1919	-92.5422	94.5507	-69.0310	-273.7326	56.2566	0.0000
532	-112.3112	-80.4238	-32.0423	70.9441	-23.6564	-169.0935	51.3417	0.0000
533	-82.9688	-63.4238	-39.5260	72.7473	-0.2044	-146.5971	48.8255	0.0000
534	-35.9748	-92.1104	-34.5830	3.8651	-35.7093	-92.3754	3.9213	0.0000
535	-39.7852	-56.7318	-26.0326	12.3260	-33.3010	-63.2160	27.7471	0.0000
536	-46.7212	-21.0252	-18.2959	13.1101	-15.5341	-52.2322	67.1996	0.0000
537	-54.1568	4.3980	-13.4349	5.4611	4.9030	-54.6618	84.7171	0.0000
538	-57.2560	-17.3997	-20.3217	-3.0851	-17.7588	-57.5069	-95.5249	0.0000
539	-64.4236	-16.7957	-21.9192	2.8024	-16.6314	-54.5879	36.6442	0.0000
540	-88.2605	-32.4554	-22.5232	38.3883	-12.3207	-98.1952	62.8408	0.0000
541	-83.6226	-84.6215	-45.5123	81.5846	-2.6967	-165.8674	44.8808	0.0000
542	-93.9238	-120.3814	-37.7888	63.5235	-33.7393	-167.2419	35.0616	0.0000
543	-99.7933	-100.1651	-54.2649	47.5236	-13.6785	-26.2799	28.7889	0.0000
544	-68.3709	-49.9798	-31.9547	55.9590	-2.4713	-15.8783	23.6684	0.0000
545	-41.8463	-41.2789	-23.2238	27.0071	-15.9967	-70.1286	46.8893	0.0000
546	-31.8595	-98.0699	-33.0193	4.8166	-31.5110	-98.4124	4.1394	0.0000
547	-31.3883	-55.6773	-23.5980	15.0959	-24.1559	-62.9107	25.5960	0.0000
548	-32.4881	-12.0803	-12.0335	19.4238	-0.3442	-44.2242	58.8578	0.0000
549	-38.6197	25.3863	-13.5730	12.2355	27.6573	-40.8907	79.5127	0.0000
550	-40.4526	-11.1084	-13.9218	-3.5621	-0.8323	-40.8788	23.1773	0.0000
551	-45.5204	-30.5099	-20.8009	12.8621	-23.3677	-53.6726	60.9569	0.0000
552	-52.2556	-53.1287	-29.6067	43.4245	-11.4016	-98.2527	44.8011	0.0000
553	-47.6638	-85.1561	-35.8614	64.7300	1.0280	-33.8478	36.9303	0.0000
554	-33.4524	-85.3190	-32.0677	55.9065	2.2434	-121.0138	32.5370	0.0000
555	-38.6524	-70.0434	-26.6479	21.4389	-19.5497	-79.1461	23.0054	0.0000
556	-27.0247	-104.020	-35.8852	1.1203	-27.0084	-104.4182	0.8293	0.0000
557	-19.8628	-54.9235	-20.1923	9.0985	-17.6423	-57.1440	13.7149	0.0000
558	-9.3353	-7.1134	-4.4411	14.1488	5.9690	-22.4166	47.2448	0.0000
559	3.7209	55.0355	15.8642	14.3688	58.7850	-0.0286	75.3750	0.0000
560	-1.9828	8.3116	-2.7795	0.0130	-1.9828	-8.3117	-0.1175	0.0000
561	-22.9694	-47.7936	-19.1060	24.5979	-7.8294	-62.9336	31.6122	0.0000
562	-34.4946	-68.0260	-27.6725	44.6607	-3.5360	-98.9546	34.7035	0.0000
563	-24.9596	-79.9654	-31.0297	54.1799	-1.2037	-116.1297	33.7225	0.0000
564	-27.1667	-79.5315	-28.8085	50.6112	0.6236	-110.3318	31.1232	0.0000
565	-23.8813	-104.2263	-34.5891	-5.5101	-23.5052	-104.6025	-3.9050	0.0000
566	-12.8235	-51.0971	-17.2585	-4.2678	-12.3533	-51.5672	-6.2861	0.0000
567	2.1337	-1.5708	0.1520	-3.8679	4.5699	-4.0071	-32.2054	0.0000
568	16.3596	70.2258	23.3781	-9.7394	71.9327	14.6321	20.0596	0.0000
569	8.7303	-17.9665	-2.4938	26.1408	24.7336	-33.9697	31.4748	0.0000
570	-18.2316	-56.3418	-19.6488	41.2992	9.5681	-82.3416	31.9932	0.0000
571	-32.5785	-70.5011	-27.8315	50.0194	-105.0325	-82.3416	34.6197	0.0000
572	-41.0841	-81.6726	-33.1443	58.4562	0.5004	-123.2571	35.4272	0.0000

JOINT ANALYSIS

STEP 1 CASE-1

SUB STEP 1

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFTY FACTOR
573	-22.4710	-92.6306	-31.0774	-11.4361	-20.6539	-94.4477	-9.0280	0.0000
574	-12.9101	-45.0925	-15.6937	-17.3892	-5.3088	-23.6937	-23.6106	0.0000
575	0.5215	4.4334	1.3378	-14.4761	17.0851	-12.1302	-48.8474	0.0000
576	-0.2485	66.9199	18.0018	-4.1424	67.1744	-0.5010	-86.4841	0.0000
577	-8.2586	-40.7707	-13.2379	29.9852	9.5944	-58.6237	30.7685	0.0000
578	-25.3273	-55.6304	-21.5385	55.7518	17.3338	-38.2914	37.4032	0.0000
579	-42.4854	-70.4580	-30.4347	56.2919	1.5317	-114.4752	38.0234	0.0000
580	-45.3234	-82.4689	-34.5039	65.5560	4.2400	-192.0324	37.0910	0.0000
581	-22.0750	-70.5037	-24.9362	-15.6106	-17.4792	-75.0994	-16.4046	0.0000
582	-19.3036	-35.0147	-14.6559	-27.2712	1.2209	-55.9392	-36.9654	0.0000
583	-11.9608	-1.2463	-3.5659	-25.4669	19.4207	-32.6279	-50.9398	0.0000
584	4.8068	62.1446	18.0769	-3.2412	62.3279	4.6235	-66.7690	0.0000
585	-14.9372	-73.3955	-23.8498	46.7329	10.9545	-99.2872	28.9880	0.0000
586	-50.6915	-53.8163	-28.2171	67.7177	15.4319	-119.9897	44.3391	0.0000
587	-45.3741	-60.6598	-28.7911	57.5956	4.7449	-111.3787	41.3673	0.0000
588	-21.6685	-43.2667	-17.5325	-14.6053	-14.3026	-50.6325	-26.7614	0.0000
589	-30.2040	-22.5677	-14.2484	-25.2015	-0.8967	-51.8750	-49.3076	0.0000
590	-46.4029	1.8091	-12.0403	-29.0200	15.4308	-60.0246	-64.8567	0.0000
591	-67.4650	-42.6259	-6.7076	-26.6853	48.7590	-73.5961	-77.0687	0.0000
592	-62.4656	-130.2200	-63.0362	96.6856	-19.2355	-214.4541	41.0621	0.0000
593	-55.9770	-20.8139	-20.7335	50.6673	15.2356	-92.0265	54.5684	0.0000
594	-37.8661	-36.3322	-20.0335	44.5145	7.4220	-81.6203	45.4936	0.0000
595	-21.1987	-23.1344	-11.9599	-7.6419	-14.4637	-29.8694	-41.3910	0.0000
596	-8.6080	-18.5929	-15.4429	-12.5034	-12.3867	-44.6092	-64.3465	0.0000
597	-66.7885	9.3073	-15.5159	2.6014	9.9961	-66.8773	88.0443	0.0000
598	-118.7766	-103.3035	-59.9616	61.8974	-48.6611	-173.4191	48.5622	0.0000
599	-40.0463	-40.1200	-38.6329	20.2812	-34.1498	-109.0165	73.5971	0.0000
600	-26.5228	-2.9345	-10.6535	20.1213	6.4849	-45.9422	64.9208	0.0000
601	-19.7956	-15.6170	-9.5614	-0.3864	-15.5816	-19.8311	-84.7608	0.0000
602	-34.0598	-17.8889	-14.0362	4.8329	-16.5547	-35.3941	74.5662	0.0000
603	-52.4278	-32.1698	-22.8575	27.0179	-13.4641	-71.1935	55.3033	0.0000
604	-5.1298	-56.6951	-24.3272	35.0397	8.6381	-83.1868	36.5926	0.0000
605	-7.5775	-63.7454	-19.2372	3.2879	-7.3857	-63.9372	3.3387	0.0000
606	-26.2601	-8.4389	-9.3687	20.2005	4.7473	-39.4463	56.8909	0.0000
607	-14.9533	6.5359	-2.2127	-19.3839	17.9540	-26.3713	-59.4939	0.0000
608	-17.1105	-13.2831	-8.2662	3.6006	-11.1192	-19.2743	53.9953	0.0000
609	-24.8210	-24.7739	-13.3306	14.0684	-10.7290	-38.8659	45.0480	0.0000
610	-21.9278	-36.3450	-15.7337	23.6839	-4.3798	-53.8930	26.5357	0.0000
611	-10.7172	-49.0981	-16.1501	21.2831	-1.2503	-58.5650	-23.9799	0.0000
612	10.2705	-10.4646	-0.0524	-5.3642	11.5760	-11.7701	-13.6786	0.0000
613	-12.9538	-13.8463	-7.2360	5.4732	-7.9087	-18.8914	42.6692	0.0000
614	-14.1724	-24.6104	-10.4714	13.1568	-5.2372	-33.5456	34.1815	0.0000
615	-10.8018	-34.9521	-12.2156	16.0480	-2.7130	-42.6403	26.7497	0.0000
616	3.0245	-32.8791	-9.6840	12.5233	1.5300	-37.4366	19.9975	0.0000
617	-1.8851	-33.6987	-9.6076	0.3993	-1.8811	-33.7028	0.6471	0.0000
618	-8.0844	-13.2817	-5.8428	5.0515	-5.0506	-16.5155	30.9579	0.0000
619	-7.1655	-21.0528	-7.6189	9.4316	-2.3924	-25.8259	26.8282	0.0000
620	-4.7720	-26.0869	-8.3319	9.3612	-1.2445	-29.6146	20.6476	0.0000
621	-4.0840	-30.3760	-9.3042	10.1257	-0.6340	-33.8260	18.8080	0.0000
622	-4.8088	-11.4189	-4.3815	3.5068	-3.2950	-12.9927	23.3482	0.0000
623	-4.2800	-15.2797	-5.2811	6.3261	-1.3980	-18.1617	24.4960	0.0000
624	-3.5787	-19.3377	-6.1874	6.5954	-1.1802	-21.7362	19.9737	0.0000

ISOPARAMETRIC (PLANE STRAIN) ELEMENT (TOTAL)

ELEMENT	SIGMA-X	SIGMA-Y	SIGMA-Z	TAU-XY	SIGMA-1	SIGMA-2	THETA	SAFETY FACTOR
625	-2.5152	-24.3096	-7.2427	6.8752	-0.5276	-26.2972	16.1241	0.0000
626	-2.1109	-7.7267	-2.6561	2.0681	-1.4315	-8.4061	18.1866	0.0000
627	-2.1228	-9.3908	-3.1037	3.9392	-0.3974	-11.1161	23.6537	0.0000
628	-1.5121	-11.7933	-3.5935	3.7422	-0.2942	-13.0112	18.0268	0.0000
629	-0.5046	-13.7095	-3.8378	2.3658	-0.0935	-14.1206	9.8566	0.0000
630	-0.1497	-2.7671	-0.8785	0.7151	0.0330	-2.9497	14.3264	0.0000
631	-0.0819	-3.2039	-0.8859	1.5611	0.5650	-3.8497	22.5060	0.0000
632	0.6017	-3.7312	-0.8450	1.1129	0.8703	-4.0003	12.5941	0.0000
633	0.6203	-3.9068	-0.8873	0.1644	0.6263	-3.9127	2.0770	0.0000

JOINT ELEMENT STRAIN, STRESS (TOTAL)

ELEMENT	STRIN(UO)	STRIN(VO)	STRIN(WO)	STRESS(ST)	STRESS(SN)	MOMENT(FM)	SAFETY FACT
1250	7.2241795E-03	-7.6964506E-07	5.5711715E-07	0.0000	-38.4822	15.8405	0.0000
1290	-9.3619795E-03	-4.7734536E-07	-2.5559826E-07	0.0000	-23.8673	-7.2562	0.0000
1322	1.1033745E-02	-7.3709795E-07	-1.2603777E-08	0.0000	-26.8549	-0.3578	0.0000
1354	-2.2415465E-02	9.1016805E-07	6.2811395E-08	0.0000	-40.5084	-1.7859	0.0000
1386	-1.3883945E-02	-9.2688095E-07	-2.8824935E-08	0.0000	-46.3440	-6.5515	0.0000
1413	-1.5329545E-02	-9.7519695E-07	-3.8874315E-09	0.0000	-48.7598	0.8836	0.0000
1429	-1.6256485E-02	-9.2364855E-07	2.2008245E-08	0.0000	-46.1824	5.5021	0.0000
1444	-1.6633595E-02	-9.4687035E-07	3.2763745E-08	0.0000	-42.3435	1.0238	0.0000
1459	-1.6687015E-02	-7.7891225E-07	2.2165415E-08	0.0000	-38.9457	1.7185	0.0000
1473	-1.6576885E-02	-7.2198285E-07	1.3911815E-08	0.0000	-36.0991	1.6584	0.0000
1487	-1.6314015E-02	-7.4073645E-07	-2.5914135E-08	0.0000	-37.0368	-3.0892	0.0000
1500	-1.5995195E-02	-8.2830455E-07	-3.0129485E-08	0.0000	-41.4152	-3.5917	0.0000
1512	-1.5713285E-02	-1.0723745E-06	-1.2603777E-07	0.0000	-53.6187	-15.0293	0.0000
1524	-1.5518915E-02	-8.7737825E-07	3.3360725E-07	0.0000	-43.8639	16.9122	0.0000
1536	-1.5378205E-02	-1.9737785E-06	-1.2667145E-06	0.0000	-98.6889	-64.2158	0.0000
1548	-1.5181055E-02	-1.9672235E-05	-1.3151805E-05	0.0000	-983.6144	-1673.9791	0.0000
1559	-1.4842095E-02	-1.5148515E-04	1.2622805E-04	0.0000	0.0000	0.0000	0.0000
1569	-1.4423305E-02	1.1814065E-03	7.4688045E-04	0.0000	0.0000	0.0000	0.0000
1578	-1.3944885E-02	2.9307445E-03	8.3915135E-04	0.0000	0.0000	0.0000	0.0000
1587	-1.327225E-02	5.1246335E-03	1.0146445E-03	0.0000	0.0000	0.0000	0.0000
1595	-1.2472335E-02	8.5054135E-03	1.6897995E-03	0.0000	0.0000	0.0000	0.0000
1603	-1.5415315E-02	-3.3390825E-06	2.1608825E-05	0.0000	-361.1406	454.9129	0.0000
1610	-1.5397905E-02	2.6806365E-04	1.4669275E-04	0.0000	0.0000	0.0000	0.0000
1258	-6.4027115E-03	-9.8226295E-07	7.5749775E-07	0.0000	-49.1131	21.5377	0.0000
1298	-8.3717525E-03	-4.6065515E-07	-2.1931095E-07	0.0000	-23.0328	-6.2360	0.0000
1330	-9.9303065E-03	-6.1974795E-07	5.5043835E-08	0.0000	-30.9874	1.5626	0.0000
1362	-1.1229775E-02	-6.8833485E-07	-2.2597455E-08	0.0000	-29.4167	-0.6423	0.0000
1394	-1.2583495E-02	-5.5829785E-07	-2.4806315E-08	0.0000	-32.9149	-5.6386	0.0000
1417	-1.3902635E-02	-7.2507055E-07	-9.6550245E-09	0.0000	-36.2535	-2.1245	0.0000
1433	-1.4777365E-02	-9.3701265E-07	-9.6617795E-08	0.0000	-46.8506	-24.1544	0.0000
1448	-1.5181195E-02	-4.2573745E-07	7.0451985E-07	0.0000	-22.5699	20.0914	0.0000
1463	-1.5307755E-02	-2.1412355E-06	-1.9360665E-06	0.0000	-107.0617	-118.1644	0.0000
1477	-1.2554685E-02	3.50922285E-06	9.0051045E-06	0.0000	-13.0453	47.7733	0.0000
1491	-1.4865285E-02	1.0947765E-04	6.8556595E-04	0.0000	0.0000	0.0000	0.0000
1504	-1.3903295E-02	3.5697295E-03	8.9840405E-04	0.0000	0.0000	0.0000	0.0000

JOINT ANALYSIS

STEP 1 CASE-1

SUB STEP 1

JOINT ELEMENT STRAIN, STRESS (TOTAL)

ELEMENT	STRAIN(UO)	STRAIN(VO)	STRAIN(WO)	STRESS(ST)	STRESS(SN)	MOMENT(FM)	SAFTY FACT
1516	-1.183553E-02	7.899767E-03	1.872820E-03	0.0000	0.0000	0.0000	0.0000
1528	-1.513311E-02	-8.982723E-06	5.507607E-06	0.0000	-449.1361	841.7525	0.0000
1541	-1.525815E-02	-1.115033E-06	-8.748888E-07	0.0000	-55.9516	-133.7132	0.0000
1266	-6.987722E-03	-1.548970E-06	1.129177E-06	0.0000	-77.4485	32.1058	0.0000
1306	-9.249344E-03	-8.601756E-07	-4.185628E-07	0.0000	-43.0088	-11.8825	0.0000
1338	-1.112805E-02	-8.278500E-07	4.519397E-07	0.0000	-41.3925	12.8301	0.0000
1370	-1.280535E-02	-1.741123E-06	-1.394197E-06	0.0000	-87.0562	-39.6411	0.0000
1402	-1.471607E-02	1.397299E-06	2.317109E-06	0.0000	-24.6219	138.6424	0.0000
1421	-1.682936E-02	1.518922E-03	7.809214E-04	0.0000	0.0000	0.0000	0.0000
1437	-1.769914E-02	6.021935E-03	1.487989E-03	0.0000	0.0000	0.0000	0.0000
1452	-1.700300E-02	1.205737E-02	3.083456E-03	0.0000	0.0000	0.0000	0.0000
1467	-2.230740E-02	5.045219E-06	2.724097E-05	0.0000	-454.4750	1743.8281	0.0000



STRUCTURAL ANALYSIS SYSTEM

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SSSSSSSSS  TTTTTTTTTT  AAAAAAAAAA  GGGGGGGGG  EEEEEEEEEEE
SSSSSSSSSS  TTTTTTTTTT  AAAAAAAAAA  GGGGGGGGGGG  EEEEEEEEEEE
SS  TT  AA  GG  EE
SSSSSSSSS  TT  AA  GG  EE
SSSSSSSSS  TT  AAAAAAAAAA  GG  EEEEEEEEEEE
SSSSSSSSS  TT  AAAAAAAAAA  GG  EEEEEEEEEEE
SS  TT  AA  GG  EE
SS  TT  AA  GG  EE
SSSSSSSSSS  TT  AA  GGGGGGGGGGG  EEEEEEEEEEE
SSSSSSSSSS  TT  AA  GGGGGGGGGGG  EEEEEEEEEEE

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FOR GEOLOGICAL PROBLEM

V1.21

CASE - 2



ID	1	2	3	4	5	6	7	8
55	1234567890123456789012345678901234567890123456789012345678901234567890	156,200	138,112	0,000				
56		162,600	138,112	0,000				
57		169,000	138,112	0,000				
58		176,000	138,112	0,000				
59		183,000	138,112	0,000				
60		191,000	138,112	0,000				
61		199,000	138,112	0,000				
62		207,680	138,112	0,000				
63		216,280	138,112	0,000				
64		231,280	138,112	0,000				
65		255,280	138,112	0,000				
66		279,195	138,112	0,000				
67		311,110	138,112	0,000				
68		349,408	138,112	0,000				
69		397,280	138,112	0,000				
70		-23,800	160,500	0,000				
71		24,072	160,500	0,000				
72		62,370	160,500	0,000				
73		94,285	160,500	0,000				
74		126,200	160,500	0,000				
75		142,200	160,500	0,000				
76		166,200	160,500	0,000				
77		163,600	160,500	0,000				
78		169,000	160,500	0,000				
79		176,000	160,500	0,000				
80		183,000	160,500	0,000				
81		191,000	160,500	0,000				
82		199,000	160,500	0,000				
83		207,680	160,500	0,000				
84		219,280	160,500	0,000				
85		231,280	160,500	0,000				
86		255,280	160,500	0,000				
87		279,195	160,500	0,000				
88		311,110	160,500	0,000				
89		349,408	160,500	0,000				
90		397,280	160,500	0,000				
91		-23,800	172,500	0,000				
92		24,072	172,500	0,000				
93		62,370	172,500	0,000				
94		94,285	172,500	0,000				
95		126,200	172,500	0,000				
96		142,200	172,500	0,000				
97		166,200	172,500	0,000				
98		156,200	172,500	0,000				
99		159,400	172,500	0,000				
100		162,600	172,500	0,000				
101		169,000	172,500	0,000				
102		172,500	172,500	0,000				
103		172,500	172,500	0,000				
104		172,500	172,500	0,000				
105		176,000	172,500	0,000				
106		179,500	172,500	0,000				
107		183,000	172,500	0,000				
108		187,000	172,500	0,000				

1234567890123456789012345678901234567890123456789012345678901234567890  
1 2 3 4 5 6 7 8







ID	1	2	3	4	5	6	7	8	
271	1234567890123456789012345678901234567890123456789012345678901234567890	268	203.340	188.500	0.000				
272		269	205.510	188.500	0.000				
273		270	207.680	188.500	0.000				
274		271	210.580	188.500	0.000				
275		272	213.480	188.500	0.000				
276		273	219.280	188.500	0.000				
277		274	225.280	188.500	0.000				
278		275	231.280	188.500	0.000				
279		276	239.280	188.500	0.000				
280		277	255.280	188.500	0.000				
281		278	275.195	188.500	0.000				
282		279	311.110	188.500	0.000				
283		280	349.408	188.500	0.000				
284		281	397.280	188.500	0.000				
285		282	456.296	190.438	0.000				
286		283	517.884	190.438	0.000				
287		284	582.472	190.438	0.000				
288		285	651.060	190.438	0.000				
289		286	723.648	190.438	0.000				
290		287	800.236	190.438	0.000				
291		288	881.824	190.438	0.000				
292		289	968.412	190.438	0.000				
293		290	1060.000	190.438	0.000				
294		291	1157.588	190.438	0.000				
295		292	1260.176	190.438	0.000				
296		293	1367.764	190.438	0.000				
297		294	1480.352	190.438	0.000				
298		295	1607.940	190.438	0.000				
299		296	1740.528	190.438	0.000				
300		297	1878.116	190.438	0.000				
301		298	2020.704	190.438	0.000				
302		299	2168.292	190.438	0.000				
303		300	2320.880	190.438	0.000				
304		301	2478.468	190.438	0.000				
305		302	2641.056	190.438	0.000				
306		303	2808.644	190.438	0.000				
307		304	2981.232	190.438	0.000				
308		305	3158.820	190.438	0.000				
309		306	3341.408	190.438	0.000				
310		307	3528.996	190.438	0.000				
311		308	3721.584	190.438	0.000				
312		309	3919.172	190.438	0.000				
313		310	4121.760	190.438	0.000				
314		311	4329.348	190.438	0.000				
315		312	4541.936	190.438	0.000				
316		313	4759.524	190.438	0.000				
317		314	4982.112	190.438	0.000				
318		315	5209.700	190.438	0.000				
319		316	5442.288	190.438	0.000				
320		317	5679.876	190.438	0.000				
321		318	5922.464	190.438	0.000				
322		319	6170.052	190.438	0.000				
323		320	6422.640	190.438	0.000				
324		321	6680.228	190.438	0.000				
	1234567890123456789012345678901234567890123456789012345678901234567890	1	2	3	4	5	6	7	8

ID	1	2	3	4	5	6	7	8
	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890
325	322	169,000	192,375	192,375	0,000			
326	323	170,750	192,375	192,375	0,000			
327	324	172,500	192,375	192,375	0,000			
328	325	174,250	192,375	192,375	0,000			
329	326	176,000	192,375	192,375	0,000			
330	327	177,750	192,375	192,375	0,000			
331	328	179,500	192,375	192,375	0,000			
332	329	181,250	192,375	192,375	0,000			
333	330	183,000	192,375	192,375	0,000			
334	331	185,000	192,375	192,375	0,000			
335	332	187,000	192,375	192,375	0,000			
336	333	189,000	192,375	192,375	0,000			
337	334	191,000	192,375	192,375	0,000			
338	335	193,000	192,375	192,375	0,000			
339	336	195,000	192,375	192,375	0,000			
340	337	197,000	192,375	192,375	0,000			
341	338	199,000	192,375	192,375	0,000			
342	339	201,170	192,375	192,375	0,000			
343	340	203,340	192,375	192,375	0,000			
344	341	205,510	192,375	192,375	0,000			
345	342	207,680	192,375	192,375	0,000			
346	343	210,580	192,375	192,375	0,000			
347	344	213,480	192,375	192,375	0,000			
348	345	216,380	192,375	192,375	0,000			
349	346	156,489	194,312	194,312	0,000			
350	347	158,053	194,312	194,312	0,000			
351	348	159,617	194,312	194,312	0,000			
352	349	161,180	194,312	194,312	0,000			
353	350	162,744	194,312	194,312	0,000			
354	351	164,308	194,312	194,312	0,000			
355	352	165,872	194,312	194,312	0,000			
356	353	167,436	194,312	194,312	0,000			
357	354	169,000	194,312	194,312	0,000			
358	355	170,750	194,312	194,312	0,000			
359	356	172,500	194,312	194,312	0,000			
360	357	174,250	194,312	194,312	0,000			
361	358	176,000	194,312	194,312	0,000			
362	359	177,750	194,312	194,312	0,000			
363	360	179,500	194,312	194,312	0,000			
364	361	181,250	194,312	194,312	0,000			
365	362	183,000	194,312	194,312	0,000			
366	363	185,000	194,312	194,312	0,000			
367	364	187,000	194,312	194,312	0,000			
368	365	189,000	194,312	194,312	0,000			
369	366	191,000	194,312	194,312	0,000			
370	367	193,000	194,312	194,312	0,000			
371	368	195,000	194,312	194,312	0,000			
372	369	197,000	194,312	194,312	0,000			
373	370	199,000	194,312	194,312	0,000			
374	371	201,170	194,312	194,312	0,000			
375	372	203,340	194,312	194,312	0,000			
376	373	205,510	194,312	194,312	0,000			
377	374	207,680	194,312	194,312	0,000			
378	375	210,580	194,312	194,312	0,000			
	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890	1234567890123456789012345678901234567890123456789012345678901234567890
	1	2	3	4	5	6	7	8

ID	1	2	3	4	5	6	7	8
379	1234567890123456789012345678901234567890123456789012345678901234567890	376	213.480	194.312	0.000			
380		377	214.930	194.312	0.000			
381		378	156.585	196.250	0.000			
382		379	158.137	196.250	0.000			
383		380	159.689	196.250	0.000			
384		381	161.241	196.250	0.000			
385		382	162.792	196.250	0.000			
386		383	164.344	196.250	0.000			
387		384	165.896	196.250	0.000			
388		385	167.448	196.250	0.000			
389		386	169.000	196.250	0.000			
390		387	170.750	196.250	0.000			
391		388	172.500	196.250	0.000			
392		389	174.250	196.250	0.000			
393		390	176.000	196.250	0.000			
394		391	177.750	196.250	0.000			
395		392	179.500	196.250	0.000			
396		393	181.250	196.250	0.000			
397		394	183.000	196.250	0.000			
398		395	185.000	196.250	0.000			
399		396	187.000	196.250	0.000			
400		397	189.000	196.250	0.000			
401		398	191.000	196.250	0.000			
402		399	193.000	196.250	0.000			
403		400	195.000	196.250	0.000			
404		401	197.000	196.250	0.000			
405		402	199.000	196.250	0.000			
406		403	201.170	196.250	0.000			
407		404	203.340	196.250	0.000			
408		405	205.510	196.250	0.000			
409		406	207.680	196.250	0.000			
410		407	210.580	196.250	0.000			
411		408	213.480	196.250	0.000			
412		409	156.777	200.125	0.000			
413		410	159.833	200.125	0.000			
414		411	162.889	200.125	0.000			
415		412	165.944	200.125	0.000			
416		413	169.000	200.125	0.000			
417		414	172.500	200.125	0.000			
418		415	176.000	200.125	0.000			
419		416	179.500	200.125	0.000			
420		417	183.000	200.125	0.000			
421		418	187.000	200.125	0.000			
422		419	191.000	200.125	0.000			
423		420	195.000	200.125	0.000			
424		421	199.000	200.125	0.000			
425		422	203.340	200.125	0.000			
426		423	207.680	200.125	0.000			
427		424	210.580	200.125	0.000			
428		425	156.970	204.000	0.000			
429		426	159.977	204.000	0.000			
430		427	162.985	204.000	0.000			
431		428	165.992	204.000	0.000			
432		429	169.000	204.000	0.000			

1234567890123456789012345678901234567890123456789012345678901234567890  
1 2 3 4 5 6 7 8

