

Annexe2 : Résultat obtenue par ANSYS et SAP2000

Quelques résultat obtenue par : ANSYS.

Exemple N 02 :

Maillage : 2*2

PRINT U NODAL SOLUTION PER NODE

***** POST1 NODAL DEGREE OF FREEDOM LISTING *****

LOAD STEP= 1 SUBSTEP= 1
TIME= 1.0000 LOAD CASE= 0

THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM

NODE	UZ
1	0.0000
2	0.0000
3	0.0000
4	-0.27866E-04
5	-0.13911E-04
6	0.0000
7	-0.13911E-04
8	0.0000
9	-0.69610E-05

MAXIMUM ABSOLUTE VALUES

NODE 4
VALUE -0.27866E-04

Maillage : 8*8

PRINT U NODAL SOLUTION PER NODE

***** POST1 NODAL DEGREE OF FREEDOM LISTING *****

LOAD STEP= 1 SUBSTEP= 1
TIME= 1.0000 LOAD CASE= 0

THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM

NODE	UZ
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0000
7	0.0000

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8 0.0000
 9 0.0000
 10 -0.30591E-04
 11 -0.11331E-05
 12 -0.41472E-05
 13 -0.84212E-05
 14 -0.13461E-04
 15 -0.18856E-04
 16 -0.24061E-04
 17 -0.28526E-04
 18 0.0000
 19 -0.28526E-04
 20 -0.24061E-04
 21 -0.18856E-04
 22 -0.13461E-04
 23 -0.84212E-05
 24 -0.41472E-05
 25 -0.11331E-05
 26 0.0000
 27 0.0000
 28 0.0000
 29 0.0000
 30 0.0000
 31 0.0000
 32 0.0000
 33 -0.30725E-07
 34 -0.14150E-06
 35 -0.32899E-06
 36 -0.55191E-06
 37 -0.77425E-06

***** POST1 NODAL DEGREE OF FREEDOM LISTING *****

LOAD STEP= 1 SUBSTEP= 1
 TIME= 1.0000 LOAD CASE= 0

THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM

NODE	UZ
38	-0.96285E-06
39	-0.10876E-05
40	-0.14150E-06
41	-0.57738E-06
42	-0.12553E-05
43	-0.20579E-05
44	-0.28569E-05
45	-0.35338E-05
46	-0.39895E-05
47	-0.32899E-06
48	-0.12553E-05
49	-0.26248E-05
50	-0.42215E-05
51	-0.58180E-05
52	-0.71794E-05
53	-0.80938E-05
54	-0.55191E-06
55	-0.20579E-05
56	-0.42215E-05
57	-0.67402E-05

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58 -0.92676E-05
 59 -0.11450E-04
 60 -0.12940E-04
 61 -0.77425E-06
 62 -0.28569E-05
 63 -0.58180E-05
 64 -0.92676E-05
 65 -0.12805E-04
 66 -0.15911E-04
 67 -0.18066E-04
 68 -0.96285E-06
 69 -0.35338E-05
 70 -0.71794E-05
 71 -0.11450E-04
 72 -0.15911E-04
 73 -0.20036E-04
 74 -0.22999E-04

***** POST1 NODAL DEGREE OF FREEDOM LISTING *****

LOAD STEP= 1 SUBSTEP= 1
 TIME= 1.0000 LOAD CASE= 0

THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM

NODE	UZ
75	-0.10876E-05
76	-0.39895E-05
77	-0.80938E-05
78	-0.12940E-04
79	-0.18066E-04
80	-0.22999E-04
81	-0.26951E-04

MAXIMUM ABSOLUTE VALUES
 NODE 10
 VALUE -0.30591E-04

Maillage :16*16

PRINT U NODAL SOLUTION PER NODE

***** POST1 NODAL DEGREE OF FREEDOM LISTING *****

LOAD STEP= 1 SUBSTEP= 1
 TIME= 1.0000 LOAD CASE= 0

THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM

NODE	UZ
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0000
7	0.0000
8	0.0000
9	0.0000

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10 0.0000
 11 0.0000
 12 0.0000
 13 0.0000
 14 0.0000
 15 0.0000
 16 0.0000
 17 0.0000
 18 -0.30731E-04
 19 -0.30913E-06
 20 -0.11749E-05
 21 -0.24989E-05
 22 -0.41996E-05
 23 -0.62077E-05
 24 -0.84624E-05
 25 -0.10908E-04
 26 -0.13492E-04
 27 -0.16162E-04
 28 -0.18859E-04
 29 -0.21522E-04
 30 -0.24074E-04
 31 -0.26431E-04
 32 -0.28462E-04
 33 -0.30024E-04
 34 0.0000
 35 -0.30024E-04
 36 -0.28462E-04
 37 -0.26431E-04

***** POST1 NODAL DEGREE OF FREEDOM LISTING *****

LOAD STEP= 1 SUBSTEP= 1
 TIME= 1.0000 LOAD CASE= 0

THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM

NODE	UZ
38	-0.24074E-04
39	-0.21522E-04
40	-0.18859E-04
41	-0.16162E-04
42	-0.13492E-04
43	-0.10908E-04
44	-0.84624E-05
45	-0.62077E-05
46	-0.41996E-05
47	-0.24989E-05
48	-0.11749E-05
49	-0.30913E-06
50	0.0000
51	0.0000
52	0.0000
53	0.0000
54	0.0000
55	0.0000
56	0.0000
57	0.0000
58	0.0000
59	0.0000

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60 0.0000
 61 0.0000
 62 0.0000
 63 0.0000
 64 0.0000
 65 -0.27593E-10
 66 -0.40968E-08
 67 -0.15381E-07
 68 -0.33415E-07
 69 -0.56870E-07
 70 -0.84338E-07
 71 -0.11445E-06
 72 -0.14589E-06
 73 -0.17742E-06
 74 -0.20784E-06

***** POST1 NODAL DEGREE OF FREEDOM LISTING *****

LOAD STEP= 1 SUBSTEP= 1
 TIME= 1.0000 LOAD CASE= 0

THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM

NODE	UZ
75	-0.23599E-06
76	-0.26078E-06
77	-0.28124E-06
78	-0.29650E-06
79	-0.30593E-06
80	-0.40968E-08
81	-0.25412E-07
82	-0.71349E-07
83	-0.14071E-06
84	-0.22941E-06
85	-0.33263E-06
86	-0.44551E-06
87	-0.56331E-06
88	-0.68142E-06
89	-0.79537E-06
90	-0.90083E-06
91	-0.99373E-06
92	-0.10704E-05
93	-0.11276E-05
94	-0.11629E-05
95	-0.15381E-07
96	-0.71349E-07
97	-0.17580E-06
98	-0.32594E-06
99	-0.51432E-06
100	-0.73180E-06
101	-0.96884E-06
102	-0.12159E-05
103	-0.14635E-05
104	-0.17024E-05
105	-0.19236E-05
106	-0.21185E-05
107	-0.22794E-05
108	-0.23995E-05
109	-0.24738E-05

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110 -0.33415E-07
111 -0.14071E-06

***** POST1 NODAL DEGREE OF FREEDOM LISTING *****

LOAD STEP= 1 SUBSTEP= 1
TIME= 1.0000 LOAD CASE= 0

THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM

NODE	UZ
112	-0.32594E-06
113	-0.58282E-06
114	-0.89974E-06
115	-0.12627E-05
116	-0.16568E-05
117	-0.20670E-05
118	-0.24780E-05
119	-0.28746E-05
120	-0.32421E-05
121	-0.35663E-05
122	-0.38340E-05
123	-0.40340E-05
124	-0.41577E-05
125	-0.56870E-07
126	-0.22941E-06
127	-0.51432E-06
128	-0.89974E-06
129	-0.13689E-05
130	-0.19024E-05
131	-0.24798E-05
132	-0.30798E-05
133	-0.36811E-05
134	-0.42618E-05
135	-0.48004E-05
136	-0.52762E-05
137	-0.56695E-05
138	-0.59638E-05
139	-0.61460E-05
140	-0.84338E-07
141	-0.33263E-06
142	-0.73180E-06
143	-0.12627E-05
144	-0.19024E-05
145	-0.26258E-05
146	-0.34065E-05
147	-0.42173E-05
148	-0.50300E-05

***** POST1 NODAL DEGREE OF FREEDOM LISTING *****

LOAD STEP= 1 SUBSTEP= 1
TIME= 1.0000 LOAD CASE= 0

THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM

NODE	UZ
149	-0.58160E-05
150	-0.65464E-05

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151 -0. 71926E-05
 152 -0. 77282E-05
 153 -0. 81294E-05
 154 -0. 83781E-05
 155 -0. 11445E-06
 156 -0. 44551E-06
 157 -0. 96884E-06
 158 -0. 16568E-05
 159 -0. 24798E-05
 160 -0. 34065E-05
 161 -0. 44049E-05
 162 -0. 54415E-05
 163 -0. 64819E-05
 164 -0. 74901E-05
 165 -0. 84293E-05
 166 -0. 92629E-05
 167 -0. 99555E-05
 168 -0. 10476E-04
 169 -0. 10799E-04
 170 -0. 14589E-06
 171 -0. 56331E-06
 172 -0. 12159E-05
 173 -0. 20670E-05
 174 -0. 30798E-05
 175 -0. 42173E-05
 176 -0. 54415E-05
 177 -0. 67136E-05
 178 -0. 79927E-05
 179 -0. 92359E-05
 180 -0. 10398E-04
 181 -0. 11434E-04
 182 -0. 12298E-04
 183 -0. 12949E-04
 184 -0. 13355E-04
 185 -0. 17742E-06

***** POST1 NODAL DEGREE OF FREEDOM LISTING *****

LOAD STEP= 1 SUBSTEP= 1
 TIME= 1.0000 LOAD CASE= 0

THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM

NODE	UZ
186	-0. 68142E-06
187	-0. 14635E-05
188	-0. 24780E-05
189	-0. 36811E-05
190	-0. 50300E-05
191	-0. 64819E-05
192	-0. 79927E-05
193	-0. 95162E-05
194	-0. 11003E-04
195	-0. 12400E-04
196	-0. 13651E-04
197	-0. 14701E-04
198	-0. 15496E-04
199	-0. 15992E-04
200	-0. 20784E-06

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201 -0. 79537E-06
 202 -0. 17024E-05
 203 -0. 28746E-05
 204 -0. 42618E-05
 205 -0. 58160E-05
 206 -0. 74901E-05
 207 -0. 92359E-05
 208 -0. 11003E-04
 209 -0. 12736E-04
 210 -0. 14375E-04
 211 -0. 15854E-04
 212 -0. 17103E-04
 213 -0. 18056E-04
 214 -0. 18655E-04
 215 -0. 23599E-06
 216 -0. 90083E-06
 217 -0. 19236E-05
 218 -0. 32421E-05
 219 -0. 48004E-05
 220 -0. 65464E-05
 221 -0. 84293E-05
 222 -0. 10398E-04

***** POST1 NODAL DEGREE OF FREEDOM LISTING *****

LOAD STEP= 1 SUBSTEP= 1
 TIME= 1.0000 LOAD CASE= 0

THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM

NODE	UZ
223	-0. 12400E-04
224	-0. 14375E-04
225	-0. 16257E-04
226	-0. 17972E-04
227	-0. 19436E-04
228	-0. 20564E-04
229	-0. 21277E-04
230	-0. 26078E-06
231	-0. 99373E-06
232	-0. 21185E-05
233	-0. 35663E-05
234	-0. 52762E-05
235	-0. 71926E-05
236	-0. 92629E-05
237	-0. 11434E-04
238	-0. 13651E-04
239	-0. 15854E-04
240	-0. 17972E-04
241	-0. 19926E-04
242	-0. 21617E-04
243	-0. 22938E-04
244	-0. 23784E-04
245	-0. 28124E-06
246	-0. 10704E-05
247	-0. 22794E-05
248	-0. 38340E-05
249	-0. 56695E-05
250	-0. 77282E-05

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251 -0.99555E-05
 252 -0.12298E-04
 253 -0.14701E-04
 254 -0.17103E-04
 255 -0.19436E-04
 256 -0.21617E-04
 257 -0.23544E-04
 258 -0.25079E-04
 259 -0.26079E-04

***** POST1 NODAL DEGREE OF FREEDOM LISTING *****

LOAD STEP= 1 SUBSTEP= 1
 TIME= 1.0000 LOAD CASE= 0

THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM

NODE	UZ
260	-0.29650E-06
261	-0.11276E-05
262	-0.23995E-05
263	-0.40340E-05
264	-0.59638E-05
265	-0.81294E-05
266	-0.10476E-04
267	-0.12949E-04
268	-0.15496E-04
269	-0.18056E-04
270	-0.20564E-04
271	-0.22938E-04
272	-0.25079E-04
273	-0.26852E-04
274	-0.28044E-04
275	-0.30593E-06
276	-0.11629E-05
277	-0.24738E-05
278	-0.41577E-05
279	-0.61460E-05
280	-0.83781E-05
281	-0.10799E-04
282	-0.13355E-04
283	-0.15992E-04
284	-0.18655E-04
285	-0.21277E-04
286	-0.23784E-04
287	-0.26079E-04
288	-0.28044E-04
289	-0.29481E-04

MAXIMUM ABSOLUTE VALUES

NODE 18
 VALUE -0.30731E-04

Quelques résultat obtenue par : SAP2000
Maillage 2*2 :

TABLE: Joint Displacements								
Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
Text	Text	Text	m	m	m	Radians	Radians	Radians
1	DEAD	LinStatic	0	0	0	0	0	0
2	DEAD	LinStatic	0	0	0	0	0	0
3	DEAD	LinStatic	0	0	-0.000027	0.000048	0	0
4	DEAD	LinStatic	0	0	0	0	0	0
5	DEAD	LinStatic	0	0	0	0	0	0
6	DEAD	LinStatic	0	0	0.000006599	0.000259	0.000246	0
7	DEAD	LinStatic	0	0	0	0	0	0
8	DEAD	LinStatic	0	0	-0.000014	0	0.00052	0
9	DEAD	LinStatic	0	0	-0.000013	0.000498	0	0

Maillage 10*10 :

TABLE: Joint Displacements								
Joint	OutputCase	CaseType	U1	U2	U3	R1	R2	R3
Text	Text	Text	m	m	m	Radians	Radians	Radians
1	DEAD	LinStatic	0	0	0	0	0	0
2	DEAD	LinStatic	0	0	0	0	0	0
3	DEAD	LinStatic	0	0	-0.000032	-0.000119	0	0
4	DEAD	LinStatic	0	0	0	0	0	0
5	DEAD	LinStatic	0	0	0	0	0	0
6	DEAD	LinStatic	0	0	-1.225E-08	0.000002671	0.000001836	0
7	DEAD	LinStatic	0	0	0	0	0	0
8	DEAD	LinStatic	0	0	-5.863E-08	0.000005985	0.000011	0
9	DEAD	LinStatic	0	0	0	0	0	0
10	DEAD	LinStatic	0	0	0.000000142	-0.00001	0.000027	0
11	DEAD	LinStatic	0	0	0	0	0	0
12	DEAD	LinStatic	0	0	-2.527E-07	-0.000011	0.000049	0
13	DEAD	LinStatic	0	0	0	0	0	0
14	DEAD	LinStatic	0	0	-3.746E-07	-0.000013	0.000071	0
15	DEAD	LinStatic	0	0	0	0	0	0

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16	DEAD	LinStatic	0	0	-4.998E-07	-0.000011	0.000096	0
17	DEAD	LinStatic	0	0	0	0	0	0
18	DEAD	LinStatic	0	0	-6.101E-07	-0.000011	0.000117	0
19	DEAD	LinStatic	0	0	0	0	0	0
20	DEAD	LinStatic	0	0	-7.026E-07	0.000006835	0.000135	0
21	DEAD	LinStatic	0	0	0	0	0	0
22	DEAD	LinStatic	0	0	-7.581E-07	0.000004224	0.000145	0
23	DEAD	LinStatic	0	0	0	0	0	0
24	DEAD	LinStatic	0	0	-7.814E-07	0	0.00015	0
25	DEAD	LinStatic	0	0	0	0	0	0
26	DEAD	LinStatic	0	0	-5.746E-08	-0.000011	0.000007065	0
27	DEAD	LinStatic	0	0	-2.427E-07	-0.000026	0.000024	0
28	DEAD	LinStatic	0	0	-5.525E-07	-0.000035	0.000054	0
29	DEAD	LinStatic	0	0	-9.507E-07	-0.000044	0.000088	0
30	DEAD	LinStatic	0	0	0.000001395	-0.000044	0.00013	0
31	DEAD	LinStatic	0	0	0.000001839	-0.000044	0.000167	0
32	DEAD	LinStatic	0	0	0.000002245	-0.000036	0.000206	0
33	DEAD	LinStatic	0	0	0.000002567	-0.000028	0.000232	0
34	DEAD	LinStatic	0	0	-0.00000278	-0.000014	0.000254	0
35	DEAD	LinStatic	0	0	-0.00000285	0	0.000257	0
36	DEAD	LinStatic	0	0	0	0	0	0
37	DEAD	LinStatic	0	0	-1.423E-07	-0.000027	0.000009045	0
38	DEAD	LinStatic	0	0	0.000000552	-0.000053	0.000037	0
39	DEAD	LinStatic	0	0	0.000001197	-0.000075	0.000073	0
40	DEAD	LinStatic	0	0	0.000002009	-0.000085	0.000121	0
41	DEAD	LinStatic	0	0	0.000002906	-0.000092	0.000169	0
42	DEAD	LinStatic	0	0	0.000003809	-0.000086	0.000223	0
43	DEAD	LinStatic	0	0	0.000004628	-0.000076	0.000266	0
44	DEAD	LinStatic	0	0	0.000005291	-0.000054	0.000308	0
45	DEAD	LinStatic	0	0	0.000005717	-0.00003	0.000327	0
46	DEAD	LinStatic	0	0	0.000005869	0	0.000341	0

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47	DEAD	LinStatic	0	0	0	0	0	0
48	DEAD	LinStatic	0	0	-2.509E-07	-0.000048	0.000012	0
49	DEAD	LinStatic	0	0	-9.495E-07	-0.000009	0.000042	0
50	DEAD	LinStatic	0	0	0.000002006	-0.000119	0.000087	0
51	DEAD	LinStatic	0	0	0.000003316	-0.000141	0.000138	0
52	DEAD	LinStatic	0	0	-0.00000476	-0.000145	0.000199	0
53	DEAD	LinStatic	0	0	0.000006211	-0.000143	0.000253	0
54	DEAD	LinStatic	0	0	0.000007541	-0.00012	0.000312	0
55	DEAD	LinStatic	0	0	0.000008611	-0.000092	0.000351	0
56	DEAD	LinStatic	0	0	0.000009316	-0.000047	0.000387	0
57	DEAD	LinStatic	0	0	0.000009556	0	0.00039	0
58	DEAD	LinStatic	0	0	0	0	0	0
59	DEAD	LinStatic	0	0	-3.748E-07	-0.000072	0.000011	0
60	DEAD	LinStatic	0	0	-0.00000139	-0.000128	0.000046	0
61	DEAD	LinStatic	0	0	0.000002901	-0.000172	0.000089	0
62	DEAD	LinStatic	0	0	0.000004754	-0.000195	0.000147	0
63	DEAD	LinStatic	0	0	0.000006796	-0.00021	0.000205	0
64	DEAD	LinStatic	0	0	0.000008859	-0.000199	0.000273	0
65	DEAD	LinStatic	0	0	-0.000011	-0.000178	0.000326	0
66	DEAD	LinStatic	0	0	-0.000012	-0.00013	0.000385	0
67	DEAD	LinStatic	0	0	-0.000013	-0.000072	0.00041	0
68	DEAD	LinStatic	0	0	-0.000014	0	0.000432	0
69	DEAD	LinStatic	0	0	0	0	0	0
70	DEAD	LinStatic	0	0	-4.957E-07	-0.000095	0.000012	0
71	DEAD	LinStatic	0	0	0.000001833	-0.000169	0.000042	0
72	DEAD	LinStatic	0	0	0.000003795	-0.000219	0.000088	0
73	DEAD	LinStatic	0	0	0.000006197	-0.000257	0.000138	0
74	DEAD	LinStatic	0	0	0.000008845	-0.000268	0.000202	0
75	DEAD	LinStatic	0	0	-0.000012	-0.000269	0.00026	0
76	DEAD	LinStatic	0	0	-0.000014	-0.000232	0.000332	0
77	DEAD	LinStatic	0	0	-0.000016	-0.000182	0.000378	0

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78	DEAD	LinStatic	0	0	-0.000018	-0.000096	0.000431	0
79	DEAD	LinStatic	0	0	-0.000018	0	0.000431	0
80	DEAD	LinStatic	0	0	0	0	0	0
81	DEAD	LinStatic	0	0	-6.092E-07	-0.000117	0.000009304	0
82	DEAD	LinStatic	0	0	0.000002232	-0.000202	0.000037	0
83	DEAD	LinStatic	0	0	-0.00000461	-0.000269	0.000073	0
84	DEAD	LinStatic	0	0	0.000007509	-0.000306	0.000122	0
85	DEAD	LinStatic	0	0	-0.000011	-0.000334	0.000172	0
86	DEAD	LinStatic	0	0	-0.000014	-0.000324	0.000235	0
87	DEAD	LinStatic	0	0	-0.000017	-0.000305	0.000291	0
88	DEAD	LinStatic	0	0	-0.00002	-0.000229	0.000366	0
89	DEAD	LinStatic	0	0	-0.000022	-0.000133	0.000396	0
90	DEAD	LinStatic	0	0	-0.000022	0	0.000436	0
91	DEAD	LinStatic	0	0	0	0	0	0
92	DEAD	LinStatic	0	0	-6.954E-07	-0.000133	0.000007816	0
93	DEAD	LinStatic	0	0	0.000002554	-0.000234	0.000026	0
94	DEAD	LinStatic	0	0	0.000005259	-0.000302	0.000055	0
95	DEAD	LinStatic	0	0	0.000008572	-0.000356	0.000088	0
96	DEAD	LinStatic	0	0	-0.000012	-0.000375	0.000131	0
97	DEAD	LinStatic	0	0	-0.000016	-0.000389	0.000173	0
98	DEAD	LinStatic	0	0	-0.00002	-0.000353	0.000232	0
99	DEAD	LinStatic	0	0	-0.000023	-0.000308	0.000283	0
100	DEAD	LinStatic	0	0	-0.000026	-0.000167	0.000367	0
101	DEAD	LinStatic	0	0	-0.000027	0	0.000359	0
102	DEAD	LinStatic	0	0	0	0	0	0
103	DEAD	LinStatic	0	0	0.000000756	-0.000145	0.00000359	0
104	DEAD	LinStatic	0	0	0.000002759	-0.000249	0.000014	0
105	DEAD	LinStatic	0	0	0.000005685	-0.00033	0.000028	0
106	DEAD	LinStatic	0	0	0.000009258	-0.000378	0.000048	0
107	DEAD	LinStatic	0	0	-0.000013	-0.000418	0.000068	0
108	DEAD	LinStatic	0	0	-0.000017	-0.000416	0.000096	0
109	DEAD	LinStatic	0	0	-0.000022	-0.000414	0.000124	0
110	DEAD	LinStatic	0	0	-0.000026	-0.00034	0.000169	0
111	DEAD	LinStatic	0	0	-0.000029	-0.000264	0.000212	0
112	DEAD	LinStatic	0	0	-0.00003	0	0.00032	0

Annexe 02 : Résultant obtenue par ANSYS et SAP2000

113	DEAD	LinStatic	0	0	-7.728E-07	-0.000148	0	0
114	DEAD	LinStatic	0	0	0.000002834	-0.000259	0	0
115	DEAD	LinStatic	0	0	0.000005828	-0.000334	0	0
116	DEAD	LinStatic	0	0	0.000009503	-0.000395	0	0
117	DEAD	LinStatic	0	0	-0.000014	-0.00042	0	0
118	DEAD	LinStatic	0	0	-0.000018	-0.000443	0	0
119	DEAD	LinStatic	0	0	-0.000022	-0.000413	0	0
120	DEAD	LinStatic	0	0	-0.000026	-0.000389	0	0
121	DEAD	LinStatic	0	0	-0.00003	-0.000257	0	0