

ANEXO D-6

**FUERZAS EN LOS ELEMENTOS PARA LA
COMBINACION: $0,30 S_x + 1,00 S_y$**

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

FRAME ELEMENT FORCES

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
1	DYN	.00						28.83
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
2	DYN	.00						28.97
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
3	DYN	.00						28.82
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
4	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
5	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
6	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
7	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
8	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
9	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
10	DYN	.00						28.82
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
11	DYN	.00						28.97
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
12	DYN	.00						28.83
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
13	DYN	.00						28.83
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ

14	DYN	.00						28.97
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

15	DYN	.00						28.82
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

16	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

17	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

18	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	

19	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	

20	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	

21	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

22	DYN	.00						28.82
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

23	DYN	.00						28.97
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

24	DYN	.00						28.83
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	

25	DYN	.00						28.83
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	

26	DYN	.00						28.97
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
27	DYN	.00	.1	.00	.00	.00	.00	28.82
			5.9	.00	.00	.00	.00	
28	DYN	.00	.1	.00	.00	.00	.00	28.78
			5.9	.00	.00	.00	.00	
29	DYN	.00	.1	.00	.00	.00	.00	28.78
			5.9	.00	.00	.00	.00	
30	DYN	.00	.1	.00	.00	.00	.00	28.78
			7.1	.00	.00	.00	.00	
31	DYN	.00	.1	.00	.00	.00	.00	28.78
			7.1	.00	.00	.00	.00	
32	DYN	.00	.1	.00	.00	.00	.00	28.78
			7.1	.00	.00	.00	.00	
33	DYN	.00	.1	.00	.00	.00	.00	28.78
			5.9	.00	.00	.00	.00	
34	DYN	.00	.1	.00	.00	.00	.00	28.82
			5.9	.00	.00	.00	.00	
35	DYN	.00	.1	.00	.00	.00	.00	28.97
			5.9	.00	.00	.00	.00	
36	DYN	.00	.1	.00	.00	.00	.00	28.83
			7.1	.00	.00	.00	.00	
37	DYN	.00	.1	.00	.00	.00	.00	28.83
			7.1	.00	.00	.00	.00	
38	DYN	.00	.1	.00	.00	.00	.00	28.97
			5.9	.00	.00	.00	.00	
39	DYN	.00	.1	.00	.00	.00	.00	28.82
			5.9	.00	.00	.00	.00	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ

40	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

41	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

42	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	

43	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	

44	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	

45	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

46	DYN	.00						28.82
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

47	DYN	.00						28.97
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

48	DYN	.00						28.83
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	

49	DYN	.00						28.83
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	

50	DYN	.00						28.97
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

51	DYN	.00						28.82
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

52	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT	LOAD	AXIAL	DIST	1-2 PLANE		1-3 PLANE		AXIAL
ID	COND	FORCE	ENDI	SHEAR	MOMENT	SHEAR	MOMENT	TORQ
53								
	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
54								
	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
55								
	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
56								
	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
57								
	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
58								
	DYN	.00						28.82
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
59								
	DYN	.00						28.97
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
60								
	DYN	.00						28.83
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
61								
	DYN	.00						28.83
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
62								
	DYN	.00						28.97
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
63								
	DYN	.00						28.82
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
64								
	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
65								
	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
66	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
67	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
68	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
69	DYN	.00						28.78
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
70	DYN	.00						28.82
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
71	DYN	.00						28.97
			.1	.00	.00	.00	.00	
			5.9	.00	.00	.00	.00	
72	DYN	.00						28.83
			.1	.00	.00	.00	.00	
			7.1	.00	.00	.00	.00	
80	DYN	.00						69.82
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	
81	DYN	.00						79.84
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
82	DYN	.00						81.63
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
83	DYN	.00						81.95
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
84	DYN	.00						82.01
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
85	DYN	.00						82.02
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
86	DYN	.00	.1	.00	.01	.00	.00	82.02
			7.1	.00	.00	.00	.00	
87	DYN	.00	.1	.00	.01	.00	.00	82.01
			7.1	.00	.00	.00	.00	
88	DYN	.00	.1	.00	.01	.00	.00	81.95
			5.9	.00	.01	.00	.00	
89	DYN	.00	.1	.00	.01	.00	.00	81.63
			5.9	.00	.01	.00	.00	
90	DYN	.00	.1	.00	.01	.00	.00	79.84
			5.9	.00	.01	.00	.00	
91	DYN	.00	.1	.00	.01	.00	.00	69.82
			7.1	.00	.00	.00	.00	
92	DYN	.00	.1	.00	.01	.00	.00	69.82
			7.1	.00	.00	.00	.00	
93	DYN	.00	.1	.00	.01	.00	.00	79.84
			5.9	.00	.01	.00	.00	
94	DYN	.00	.1	.00	.01	.00	.00	81.63
			5.9	.00	.01	.00	.00	
95	DYN	.00	.1	.00	.01	.00	.00	81.95
			5.9	.00	.01	.00	.00	
96	DYN	.00	.1	.00	.01	.00	.00	82.01
			5.9	.00	.01	.00	.00	
97	DYN	.00	.1	.00	.01	.00	.00	82.02
			7.1	.00	.00	.00	.00	
98	DYN	.00	.1	.00	.01	.00	.00	82.02
			7.1	.00	.00	.00	.00	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	PLANE MOMENT	AXIAL TORQ
99	DYN	.00						82.01
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	
100	DYN	.00						81.95
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
101	DYN	.00						81.63
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
102	DYN	.00						79.84
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
103	DYN	.00						69.82
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	
104	DYN	.00						69.82
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	
105	DYN	.00						79.84
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
106	DYN	.00						81.63
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
107	DYN	.00						81.95
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
108	DYN	.00						82.01
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
109	DYN	.00						82.02
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	
110	DYN	.00						82.02
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	
111	DYN	.00						82.01
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ

112	DYN	.00						81.95
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	

113	DYN	.00						81.63
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	

114	DYN	.00						79.84
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	

115	DYN	.00						69.82
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	

116	DYN	.00						69.82
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	

117	DYN	.00						79.84
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	

118	DYN	.00						81.63
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	

119	DYN	.00						81.95
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	

120	DYN	.00						82.01
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	

121	DYN	.00						82.02
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	

122	DYN	.00						82.02
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	

123	DYN	.00						82.01
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	

124	DYN	.00						81.95
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
125	DYN	.00						81.63
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
126	DYN	.00						79.84
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
127	DYN	.00						69.82
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	
128	DYN	.00						69.82
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	
129	DYN	.00						79.84
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
130	DYN	.00						81.63
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
131	DYN	.00						81.95
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
132	DYN	.00						82.01
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
133	DYN	.00						82.02
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	
134	DYN	.00						82.02
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	
135	DYN	.00						82.01
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	
136	DYN	.00						81.95
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	
137	DYN	.00						81.63
			.1	.00	.01	.00	.00	
			5.9	.00	.01	.00	.00	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
138	DYN	.00	.1	.00	.01	.00	.00	79.84
			5.9	.00	.01	.00	.00	
139	DYN	.00	.1	.00	.01	.00	.00	69.82
			7.1	.00	.00	.00	.00	
140	DYN	.00	.1	.00	.01	.00	.00	69.82
			7.1	.00	.00	.00	.00	
141	DYN	.00	.1	.00	.01	.00	.00	79.84
			5.9	.00	.01	.00	.00	
142	DYN	.00	.1	.00	.01	.00	.00	81.63
			5.9	.00	.01	.00	.00	
143	DYN	.00	.1	.00	.01	.00	.00	81.95
			5.9	.00	.01	.00	.00	
144	DYN	.00	.1	.00	.01	.00	.00	82.01
			5.9	.00	.01	.00	.00	
145	DYN	.00	.1	.00	.01	.00	.00	82.02
			7.1	.00	.00	.00	.00	
146	DYN	.00	.1	.00	.01	.00	.00	82.02
			7.1	.00	.00	.00	.00	
147	DYN	.00	.1	.00	.01	.00	.00	82.01
			7.1	.00	.00	.00	.00	
148	DYN	.00	.1	.00	.01	.00	.00	81.95
			5.9	.00	.01	.00	.00	
149	DYN	.00	.1	.00	.01	.00	.00	81.63
			5.9	.00	.01	.00	.00	
150	DYN	.00	.1	.00	.01	.00	.00	79.84
			5.9	.00	.01	.00	.00	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
151	DYN	.00						69.82
			.1	.00	.01	.00	.00	
			7.1	.00	.00	.00	.00	
200	DYN	.27						7.29
			.0	3197.60	6084.07	9264.03	17768.04	
			1.1	3197.60	3952.40	9264.03	11562.65	
201	DYN	3.18						7.29
			.0	3197.60	6084.07	9340.00	17885.93	
			1.1	3197.60	3952.40	9340.00	11637.08	
202	DYN	1.80						7.29
			.0	3197.60	6084.07	9399.95	17983.23	
			1.1	3197.60	3952.40	9399.95	11699.35	
203	DYN	1.80						7.29
			.0	3197.60	6084.07	9461.19	18081.74	
			1.1	3197.60	3952.40	9461.19	11760.38	
204	DYN	1.80						7.29
			.0	3197.60	6084.07	9523.15	18180.93	
			1.1	3197.60	3952.40	9523.15	11821.34	
205	DYN	3.18						7.29
			.0	3197.60	6084.07	9585.66	18280.67	
			1.1	3197.60	3952.40	9585.66	11882.50	
206	DYN	3.34						7.29
			.0	3197.60	6084.07	9661.88	18401.85	
			1.1	3197.60	3952.40	9661.88	11956.75	
207	DYN	2.66						7.29
			.0	3197.60	6084.07	9738.81	18523.75	
			1.1	3197.60	3952.40	9738.81	12031.39	
208	DYN	3.32						7.29
			.0	3197.60	6084.07	9816.44	18646.36	
			1.1	3197.60	3952.40	9816.44	12106.41	
209	DYN	4.66						7.29
			.0	3197.60	6084.07	9881.16	18748.31	
			1.1	3197.60	3952.40	9881.16	12168.84	
210	DYN	5.58						7.29
			.0	3197.60	6084.07	9946.13	18850.56	
			1.1	3197.60	3952.40	9946.13	12231.89	
211	DYN	11.21						7.29
			.0	3197.60	6084.07	10010.79	18952.56	
			1.1	3197.60	3952.40	10010.79	12296.77	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
212	DYN	.20					7.29
		.0	3197.60	6084.07	10094.25	19077.54	
		1.1	3197.60	3952.40	10094.25	12375.15	
213	DYN	.20					19.35
		.1	1367.79	3658.83	3974.91	10682.60	
		2.7	1367.79	170.97	3974.91	548.67	
214	DYN	2.46					19.35
		.1	1367.79	3658.84	4023.09	10768.99	
		2.7	1367.79	170.96	4023.09	510.15	
215	DYN	1.39					19.35
		.1	1367.79	3658.84	4047.13	10827.37	
		2.7	1367.79	170.96	4047.13	507.18	
216	DYN	1.39					19.35
		.1	1367.79	3658.84	4068.82	10884.33	
		2.7	1367.79	170.96	4068.82	508.84	
217	DYN	1.39					19.35
		.1	1367.79	3658.84	4090.19	10941.30	
		2.7	1367.79	170.96	4090.19	511.32	
218	DYN	2.46					19.35
		.1	1367.79	3658.84	4111.58	10998.48	
		2.7	1367.79	170.96	4111.58	513.96	
219	DYN	2.58					19.35
		.1	1367.79	3658.84	4137.54	11067.93	
		2.7	1367.79	170.96	4137.54	517.19	
220	DYN	2.07					19.35
		.1	1367.79	3658.84	4163.65	11137.76	
		2.7	1367.79	170.96	4163.65	520.45	
221	DYN	2.56					19.35
		.1	1367.79	3658.84	4189.91	11207.98	
		2.7	1367.79	170.96	4189.91	523.69	
222	DYN	3.60					19.35
		.1	1367.79	3658.84	4211.83	11266.42	
		2.7	1367.79	170.96	4211.83	526.24	
223	DYN	4.31					19.35
		.1	1367.79	3658.84	4234.29	11325.39	
		2.7	1367.79	170.96	4234.29	527.95	
224	DYN	8.68					19.35
		.1	1367.79	3658.84	4259.41	11386.39	
		2.7	1367.79	170.96	4259.41	524.93	

FRAME ELEMENT FORCES

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	1-2 PLANE MOMENT	1-3 PLANE SHEAR	1-3 PLANE MOMENT	AXIAL TORQ
225	DYN	.15						19.35
			.1	1367.79	3658.83	4310.41	11477.56	
			2.7	1367.79	170.97	4310.41	488.07	
230	DYN	.01						7.29
			.0	3193.76	6079.66	9264.03	17768.04	
			1.1	3193.76	3949.94	9264.03	11562.65	
231	DYN	12.78						7.29
			.0	3193.76	6079.66	9340.00	17885.93	
			1.1	3193.76	3949.94	9340.00	11637.08	
232	DYN	5.35						7.29
			.0	3193.76	6079.66	9399.95	17983.23	
			1.1	3193.76	3949.94	9399.95	11699.35	
233	DYN	2.45						7.29
			.0	3193.76	6079.66	9461.19	18081.74	
			1.1	3193.76	3949.94	9461.19	11760.38	
234	DYN	2.45						7.29
			.0	3193.76	6079.66	9523.15	18180.93	
			1.1	3193.76	3949.94	9523.15	11821.34	
235	DYN	.77						7.29
			.0	3193.76	6079.66	9585.66	18280.67	
			1.1	3193.76	3949.94	9585.66	11882.50	
236	DYN	2.26						7.29
			.0	3193.76	6079.66	9661.88	18401.85	
			1.1	3193.76	3949.94	9661.88	11956.75	
237	DYN	5.71						7.29
			.0	3193.76	6079.66	9738.81	18523.75	
			1.1	3193.76	3949.94	9738.81	12031.39	
238	DYN	2.38						7.29
			.0	3193.76	6079.66	9816.44	18646.36	
			1.1	3193.76	3949.94	9816.44	12106.41	
239	DYN	.58						7.29
			.0	3193.76	6079.66	9881.16	18748.31	
			1.1	3193.76	3949.94	9881.16	12168.84	
240	DYN	.78						7.29
			.0	3193.76	6079.66	9946.13	18850.56	
			1.1	3193.76	3949.94	9946.13	12231.89	
241	DYN	.88						7.29
			.0	3193.76	6079.66	10010.79	18952.56	
			1.1	3193.76	3949.94	10010.79	12296.77	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
242	DYN	.06						
			.0	3193.76	6079.66	10094.25	19077.54	7.29
			1.1	3193.76	3949.94	10094.25	12375.15	
243	DYN	.01						19.35
			.1	1366.90	3656.45	3974.91	10682.60	
			2.7	1366.90	170.86	3974.91	548.67	
244	DYN	9.91						19.35
			.1	1366.90	3656.45	4023.09	10768.99	
			2.7	1366.90	170.85	4023.09	510.15	
245	DYN	4.14						19.35
			.1	1366.90	3656.45	4047.13	10827.37	
			2.7	1366.90	170.85	4047.13	507.18	
246	DYN	1.90						19.35
			.1	1366.90	3656.45	4068.82	10884.33	
			2.7	1366.90	170.85	4068.82	508.84	
247	DYN	1.90						19.35
			.1	1366.90	3656.45	4090.19	10941.30	
			2.7	1366.90	170.85	4090.19	511.32	
248	DYN	.61						19.35
			.1	1366.90	3656.45	4111.58	10998.48	
			2.7	1366.90	170.85	4111.58	513.96	
249	DYN	1.76						19.35
			.1	1366.90	3656.45	4137.54	11067.93	
			2.7	1366.90	170.85	4137.54	517.19	
250	DYN	4.44						19.35
			.1	1366.90	3656.45	4163.65	11137.76	
			2.7	1366.90	170.85	4163.65	520.45	
251	DYN	1.85						19.35
			.1	1366.90	3656.45	4189.91	11207.98	
			2.7	1366.90	170.85	4189.91	523.69	
252	DYN	.45						19.35
			.1	1366.90	3656.45	4211.83	11266.42	
			2.7	1366.90	170.85	4211.83	526.24	
253	DYN	.61						19.35
			.1	1366.90	3656.45	4234.29	11325.39	
			2.7	1366.90	170.85	4234.29	527.95	
254	DYN	.67						19.35
			.1	1366.90	3656.45	4259.41	11386.39	
			2.7	1366.90	170.85	4259.41	524.93	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SV

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	1-2 PLANE MOMENT	1-3 PLANE SHEAR	1-3 PLANE MOMENT	AXIAL TORQ
255	DYN	.05						19.35
			.1	1366.90	3656.45	4310.41	11477.56	
			2.7	1366.90	170.86	4310.41	488.07	
260	DYN	.06						7.29
			.0	3193.00	6078.77	9264.03	17768.04	
			1.1	3193.00	3949.45	9264.03	11562.65	
261	DYN	1.37						7.29
			.0	3193.00	6078.77	9340.00	17885.93	
			1.1	3193.00	3949.45	9340.00	11637.08	
262	DYN	.91						7.29
			.0	3193.00	6078.77	9399.95	17983.23	
			1.1	3193.00	3949.45	9399.95	11699.35	
263	DYN	1.11						7.29
			.0	3193.00	6078.77	9461.19	18081.74	
			1.1	3193.00	3949.45	9461.19	11760.38	
264	DYN	.19						7.29
			.0	3193.00	6078.77	9523.15	18180.93	
			1.1	3193.00	3949.45	9523.15	11821.34	
265	DYN	1.31						7.29
			.0	3193.00	6078.77	9585.66	18280.67	
			1.1	3193.00	3949.45	9585.66	11882.50	
266	DYN	.85						7.29
			.0	3193.00	6078.77	9661.88	18401.85	
			1.1	3193.00	3949.45	9661.88	11956.75	
267	DYN	.33						7.29
			.0	3193.00	6078.77	9738.81	18523.75	
			1.1	3193.00	3949.45	9738.81	12031.39	
268	DYN	1.02						7.29
			.0	3193.00	6078.77	9816.44	18646.36	
			1.1	3193.00	3949.45	9816.44	12106.41	
269	DYN	.80						7.29
			.0	3193.00	6078.77	9881.16	18748.31	
			1.1	3193.00	3949.45	9881.16	12168.84	
270	DYN	1.84						7.29
			.0	3193.00	6078.77	9946.13	18850.56	
			1.1	3193.00	3949.45	9946.13	12231.89	
271	DYN	5.73						7.29
			.0	3193.00	6078.77	10010.79	18952.56	
			1.1	3193.00	3949.45	10010.79	12296.77	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
272	DYN	.00						7.29
			.0	3193.00	6078.77	10094.25	19077.54	
			1.1	3193.00	3949.45	10094.25	12375.15	
273	DYN	.05						19.35
			.1	1366.72	3655.97	3974.91	10682.60	
			2.7	1366.72	170.83	3974.91	548.67	
274	DYN	1.05						19.35
			.1	1366.72	3655.97	4023.09	10768.99	
			2.7	1366.72	170.83	4023.09	510.15	
275	DYN	.70						19.35
			.1	1366.72	3655.97	4047.13	10827.37	
			2.7	1366.72	170.83	4047.13	507.18	
276	DYN	.85						19.35
			.1	1366.72	3655.97	4068.82	10884.33	
			2.7	1366.72	170.83	4068.82	508.84	
277	DYN	.14						19.35
			.1	1366.72	3655.97	4090.19	10941.30	
			2.7	1366.72	170.83	4090.19	511.32	
278	DYN	1.02						19.35
			.1	1366.72	3655.97	4111.58	10998.48	
			2.7	1366.72	170.83	4111.58	513.96	
279	DYN	.66						19.35
			.1	1366.72	3655.97	4137.54	11067.93	
			2.7	1366.72	170.83	4137.54	517.19	
280	DYN	.26						19.35
			.1	1366.72	3655.97	4163.65	11137.76	
			2.7	1366.72	170.83	4163.65	520.45	
281	DYN	.79						19.35
			.1	1366.72	3655.97	4189.91	11207.98	
			2.7	1366.72	170.83	4189.91	523.69	
282	DYN	.61						19.35
			.1	1366.72	3655.97	4211.83	11266.42	
			2.7	1366.72	170.83	4211.83	526.24	
283	DYN	1.43						19.35
			.1	1366.72	3655.97	4234.29	11325.39	
			2.7	1366.72	170.83	4234.29	527.95	
284	DYN	4.45						19.35
			.1	1366.72	3655.97	4259.41	11386.39	
			2.7	1366.72	170.83	4259.41	524.93	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
285	DYN	.00						19.35
			.1	1366.72	3655.97	4310.41	11477.56	
			2.7	1366.72	170.84	4310.41	488.07	
290	DYN	.00						7.29
			.0	3192.99	6078.77	9264.03	17768.04	
			1.1	3192.99	3949.45	9264.03	11562.65	
291	DYN	4.35						7.29
			.0	3192.99	6078.77	9340.00	17885.93	
			1.1	3192.99	3949.45	9340.00	11637.08	
292	DYN	2.07						7.29
			.0	3192.99	6078.77	9399.95	17983.23	
			1.1	3192.99	3949.45	9399.95	11699.35	
293	DYN	2.07						7.29
			.0	3192.99	6078.77	9461.19	18081.74	
			1.1	3192.99	3949.45	9461.19	11760.38	
294	DYN	1.54						7.29
			.0	3192.99	6078.77	9523.15	18180.93	
			1.1	3192.99	3949.45	9523.15	11821.34	
295	DYN	3.32						7.29
			.0	3192.99	6078.77	9585.66	18280.67	
			1.1	3192.99	3949.45	9585.66	11882.50	
296	DYN	6.25						7.29
			.0	3192.99	6078.77	9661.88	18401.85	
			1.1	3192.99	3949.45	9661.88	11956.75	
297	DYN	5.34						7.29
			.0	3192.99	6078.77	9738.81	18523.75	
			1.1	3192.99	3949.45	9738.81	12031.39	
298	DYN	3.66						7.29
			.0	3192.99	6078.77	9816.44	18646.36	
			1.1	3192.99	3949.45	9816.44	12106.41	
299	DYN	.30						7.29
			.0	3192.99	6078.77	9881.16	18748.31	
			1.1	3192.99	3949.45	9881.16	12168.84	
300	DYN	1.49						7.29
			.0	3192.99	6078.77	9946.13	18850.56	
			1.1	3192.99	3949.45	9946.13	12231.89	
301	DYN	2.10						7.29
			.0	3192.99	6078.77	10010.79	18952.56	
			1.1	3192.99	3949.45	10010.79	12296.77	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
302	DYN	.03					7.29
		.0	3192.99	6078.77	10094.25	19077.54	
		1.1	3192.99	3949.45	10094.25	12375.15	
303	DYN	.00					19.35
		.1	1366.72	3655.97	3974.91	10682.60	
		2.7	1366.72	170.83	3974.91	548.67	
304	DYN	3.38					19.35
		.1	1366.72	3655.97	4023.09	10768.99	
		2.7	1366.72	170.83	4023.09	510.15	
305	DYN	1.60					19.35
		.1	1366.72	3655.97	4047.13	10827.37	
		2.7	1366.72	170.83	4047.13	507.18	
306	DYN	1.60					19.35
		.1	1366.72	3655.97	4068.82	10884.33	
		2.7	1366.72	170.83	4068.82	508.84	
307	DYN	1.19					19.35
		.1	1366.72	3655.97	4090.19	10941.30	
		2.7	1366.72	170.83	4090.19	511.32	
308	DYN	2.57					19.35
		.1	1366.72	3655.97	4111.58	10998.48	
		2.7	1366.72	170.83	4111.58	513.96	
309	DYN	4.85					19.35
		.1	1366.72	3655.97	4137.54	11067.93	
		2.7	1366.72	170.83	4137.54	517.19	
310	DYN	4.15					19.35
		.1	1366.72	3655.97	4163.65	11137.76	
		2.7	1366.72	170.83	4163.65	520.45	
311	DYN	2.83					19.35
		.1	1366.72	3655.97	4189.91	11207.98	
		2.7	1366.72	170.83	4189.91	523.69	
312	DYN	.24					19.35
		.1	1366.72	3655.97	4211.83	11266.42	
		2.7	1366.72	170.83	4211.83	526.24	
313	DYN	1.16					19.35
		.1	1366.72	3655.97	4234.29	11325.39	
		2.7	1366.72	170.83	4234.29	527.95	
314	DYN	1.63					19.35
		.1	1366.72	3655.97	4259.41	11386.39	
		2.7	1366.72	170.83	4259.41	524.93	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
315	DYN	.02						19.35
			.1	1366.72	3655.97	4310.41	11477.56	
			2.7	1366.72	170.84	4310.41	488.07	
320	DYN	.04						7.29
			.0	3193.76	6079.65	9264.03	17768.04	
			1.1	3193.76	3949.94	9264.03	11562.65	
321	DYN	1.38						7.29
			.0	3193.76	6079.65	9340.00	17885.93	
			1.1	3193.76	3949.94	9340.00	11637.08	
322	DYN	3.85						7.29
			.0	3193.76	6079.65	9399.95	17983.23	
			1.1	3193.76	3949.94	9399.95	11699.35	
323	DYN	3.85						7.29
			.0	3193.76	6079.65	9461.19	18081.74	
			1.1	3193.76	3949.94	9461.19	11760.38	
324	DYN	1.72						7.29
			.0	3193.76	6079.65	9523.15	18180.93	
			1.1	3193.76	3949.94	9523.15	11821.34	
325	DYN	2.54						7.29
			.0	3193.76	6079.65	9585.66	18280.67	
			1.1	3193.76	3949.94	9585.66	11882.50	
326	DYN	5.34						7.29
			.0	3193.76	6079.65	9661.88	18401.85	
			1.1	3193.76	3949.94	9661.88	11956.75	
327	DYN	5.41						7.29
			.0	3193.76	6079.65	9738.81	18523.75	
			1.1	3193.76	3949.94	9738.81	12031.39	
328	DYN	5.32						7.29
			.0	3193.76	6079.65	9816.44	18646.36	
			1.1	3193.76	3949.94	9816.44	12106.41	
329	DYN	2.44						7.29
			.0	3193.76	6079.65	9881.16	18748.31	
			1.1	3193.76	3949.94	9881.16	12168.84	
330	DYN	3.13						7.29
			.0	3193.76	6079.65	9946.13	18850.56	
			1.1	3193.76	3949.94	9946.13	12231.89	
331	DYN	.76						7.29
			.0	3193.76	6079.65	10010.79	18952.56	
			1.1	3193.76	3949.94	10010.79	12296.77	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT	LOAD	AXIAL	DIST	1-2 PLANE		1-3 PLANE		AXIAL
ID	COND	FORCE	ENDI	SHEAR	MOMENT	SHEAR	MOMENT	TORQ
332	DYN	.02						7.29
			.0	3193.76	6079.65	10094.25	19077.54	
			1.1	3193.76	3949.94	10094.25	12375.15	
333	DYN	.03						19.35
			.1	1366.90	3656.45	3974.91	10682.60	
			2.7	1366.90	170.86	3974.91	548.67	
334	DYN	1.07						19.35
			.1	1366.90	3656.45	4023.09	10768.99	
			2.7	1366.90	170.85	4023.09	510.15	
335	DYN	2.98						19.35
			.1	1366.90	3656.45	4047.13	10827.37	
			2.7	1366.90	170.85	4047.13	507.18	
336	DYN	2.98						19.35
			.1	1366.90	3656.45	4068.82	10884.33	
			2.7	1366.90	170.85	4068.82	508.84	
337	DYN	1.33						19.35
			.1	1366.90	3656.45	4090.19	10941.30	
			2.7	1366.90	170.85	4090.19	511.32	
338	DYN	1.97						19.35
			.1	1366.90	3656.45	4111.58	10998.48	
			2.7	1366.90	170.85	4111.58	513.96	
339	DYN	4.14						19.35
			.1	1366.90	3656.45	4137.54	11067.93	
			2.7	1366.90	170.85	4137.54	517.19	
340	DYN	4.20						19.35
			.1	1366.90	3656.45	4163.65	11137.76	
			2.7	1366.90	170.85	4163.65	520.45	
341	DYN	4.12						19.35
			.1	1366.90	3656.45	4189.91	11207.98	
			2.7	1366.90	170.85	4189.91	523.69	
342	DYN	1.89						19.35
			.1	1366.90	3656.45	4211.83	11266.42	
			2.7	1366.90	170.85	4211.83	526.24	
343	DYN	2.42						19.35
			.1	1366.90	3656.45	4234.29	11325.39	
			2.7	1366.90	170.85	4234.29	527.95	
344	DYN	.59						19.35
			.1	1366.90	3656.45	4259.41	11386.39	
			2.7	1366.90	170.85	4259.41	524.93	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT ID	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	1-2 PLANE MOMENT	1-3 PLANE SHEAR	1-3 PLANE MOMENT	AXIAL TORQ
345	DYN	.01						19.35
			.1	1366.90	3656.45	4310.41	11477.56	
			2.7	1366.90	170.86	4310.41	488.07	
350	DYN	.02						7.29
			.0	3197.60	6084.06	9264.03	17768.04	
			1.1	3197.60	3952.39	9264.03	11562.65	
351	DYN	2.33						7.29
			.0	3197.60	6084.06	9340.00	17885.93	
			1.1	3197.60	3952.39	9340.00	11637.08	
352	DYN	.59						7.29
			.0	3197.60	6084.06	9399.95	17983.23	
			1.1	3197.60	3952.39	9399.95	11699.35	
353	DYN	.04						7.29
			.0	3197.60	6084.06	9461.19	18081.74	
			1.1	3197.60	3952.39	9461.19	11760.38	
354	DYN	.00						7.29
			.0	3197.60	6084.06	9523.15	18180.93	
			1.1	3197.60	3952.39	9523.15	11821.34	
355	DYN	1.60						7.29
			.0	3197.60	6084.06	9585.66	18280.67	
			1.1	3197.60	3952.39	9585.66	11882.50	
356	DYN	4.31						7.29
			.0	3197.60	6084.06	9661.88	18401.85	
			1.1	3197.60	3952.39	9661.88	11956.75	
357	DYN	1.95						7.29
			.0	3197.60	6084.06	9738.81	18523.75	
			1.1	3197.60	3952.39	9738.81	12031.39	
358	DYN	.22						7.29
			.0	3197.60	6084.06	9816.44	18646.36	
			1.1	3197.60	3952.39	9816.44	12106.41	
359	DYN	.18						7.29
			.0	3197.60	6084.06	9881.16	18748.31	
			1.1	3197.60	3952.39	9881.16	12168.84	
360	DYN	.01						7.29
			.0	3197.60	6084.06	9946.13	18850.56	
			1.1	3197.60	3952.39	9946.13	12231.89	
361	DYN	.02						7.29
			.0	3197.60	6084.06	10010.79	18952.56	
			1.1	3197.60	3952.39	10010.79	12296.77	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT	LOAD	AXIAL	DIST	1-2 PLANE		1-3 PLANE		AXIAL
ID	COND	FORCE	ENDI	SHEAR	MOMENT	SHEAR	MOMENT	TORQ
362								
	DYN	.00						7.29
			.0	3197.60	6084.07	10094.25	19077.54	
			1.1	3197.60	3952.39	10094.25	12375.15	
363								
	DYN	.01						19.35
			.1	1367.79	3658.83	3974.91	10682.60	
			2.7	1367.79	170.97	3974.91	548.67	
364								
	DYN	1.81						19.35
			.1	1367.79	3658.83	4023.09	10768.99	
			2.7	1367.79	170.96	4023.09	510.15	
365								
	DYN	.46						19.35
			.1	1367.79	3658.83	4047.13	10827.37	
			2.7	1367.79	170.96	4047.13	507.18	
366								
	DYN	.04						19.35
			.1	1367.79	3658.83	4068.82	10884.33	
			2.7	1367.79	170.96	4068.82	508.84	
367								
	DYN	.00						19.35
			.1	1367.79	3658.83	4090.19	10941.30	
			2.7	1367.79	170.96	4090.19	511.32	
368								
	DYN	1.24						19.35
			.1	1367.79	3658.83	4111.58	10998.48	
			2.7	1367.79	170.96	4111.58	513.96	
369								
	DYN	3.34						19.35
			.1	1367.79	3658.83	4137.54	11067.93	
			2.7	1367.79	170.96	4137.54	517.19	
370								
	DYN	1.51						19.35
			.1	1367.79	3658.83	4163.65	11137.76	
			2.7	1367.79	170.96	4163.65	520.45	
371								
	DYN	.17						19.35
			.1	1367.79	3658.83	4189.91	11207.98	
			2.7	1367.79	170.96	4189.91	523.69	
372								
	DYN	.13						19.35
			.1	1367.79	3658.83	4211.83	11266.42	
			2.7	1367.79	170.96	4211.83	526.24	
373								
	DYN	.01						19.35
			.1	1367.79	3658.83	4234.29	11325.39	
			2.7	1367.79	170.96	4234.29	527.95	
374								
	DYN	.01						19.35
			.1	1367.79	3658.83	4259.41	11386.39	
			2.7	1367.79	170.96	4259.41	524.93	

MODELO MAT. DEL HOSP. "DR. PRINCE LARA".EDIF PAT. 0.30SX+1.00SY

F R A M E E L E M E N T F O R C E S

ELT	LOAD	AXIAL	DIST	1-2 PLANE		1-3 PLANE		AXIAL
ID	COND	FORCE	ENDI	SHEAR	MOMENT	SHEAR	MOMENT	TORQ
375		-----						
	DYN	.00						19.35
		.1		1367.79	3658.83	4310.41	11477.56	
		2.7		1367.79	170.97	4310.41	488.07	

ANEXO D-7

PROPIEDADES DINAMICAS DE LA ESTRUCTURA REFORZADA

HOSP. "DR.PRINCE LARA". EDIF. PATOLOGIA REFORZADO /// 1.00SX+0.30SY

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

NUMBER OF EQUATIONS	=	474
NUMBER OF MASSES	=	6
NUMBER OF VALUES TO BE EVALUATED	=	6
SIZE OF SUBSPACE	=	6

HOSP. "DR.PRINCE LARA". EDIF. PATOLOGIA REFORZADO /// 1.00SX+0.30SY

E I G E N V A L U E S A N D F R E Q U E N C I E S

MODE NUMBER	EIGENVALUE (RAD/SEC)**2	CIRCULAR FREQ (RAD/SEC)	FREQUENCY (CYCLES/SEC)	PERIOD (SEC)
1	.894973E+02	.946030E+01	1.505654	.664163
2	.170050E+03	.130403E+02	2.075431	.481828
3	.375620E+03	.193809E+02	3.084571	.324194
4	.197005E+06	.443853E+03	70.641401	.014156
5	.356408E+06	.596999E+03	95.015332	.010525
6	.380565E+06	.616899E+03	98.182594	.010185

HOSP. "DR.PRINCE LARA". EDIF. PATOLOGIA REFORZADO /// 1.00SX+0.30SY

B A S E F O R C E R E A C T I O N F A C T O R S

MODE	PERIOD	X	Y	Z	X	Y	Z
f (sec)	DIRECTION	DIRECTION	DIRECTION	MOMENT	MOMENT	MOMENT	
1	.664	-.383E-11	.305E+03	.000E+00	-.122E+04	-.212E-10	.120E+05
2	.482	-.549E-12	.373E+01	.000E+00	-.149E+02	-.205E-11	-.641E+04
3	.324	-.305E+03	-.725E-11	.000E+00	.139E-11	-.122E+04	.347E+04
4	.014	.119E-05	-.465E+03	.000E+00	.556E+03	.145E-05	-.183E+05
5	.011	-.235E-05	-.538E+01	.000E+00	.644E+01	-.282E-05	.105E+05
6	.010	.465E+03	.228E-05	.000E+00	-.275E-05	.556E+03	-.530E+04

HOSP. "DR.PRINCE LARA". EDIF. PATOLOGIA REFORZADO /// 1.00SX+0.30SY

P A R T I C I P A T I N G M A S S - (percent)

MODE	X-DIR	Y-DIR	Z-DIR	X-SUM	Y-SUM	Z-SUM
1	.000	30.065	00.000	.000	30.065	00.000
2	.000	.005	00.000	.000	30.070	00.000
3	30.078	.000	00.000	30.078	30.070	00.000
4	.000	69.921	00.000	30.078	99.991	00.000
5	.000	.009	00.000	30.078	100.000	00.000
6	69.922	.000	00.000	100.000	100.000	00.000

ANEXO D-8

**DESPLAZAMIENTOS POR NIVELES Y FUERZAS
EN LA BASE PARA LA COMBINACION:
 $0,30 S_x + 1,00 S_y$**

PROGRAM:SAP90/FILE:PRINCER.SOL
HOSP. "DR.PRINCE LARA". EDIF. PATOLOGIA REFORZADO /// 0.30SX+1.00SY

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J O I N T D I S P L A C E M E N T S

DYNAMIC LOAD - DISPLACEMENTS "U" AND ROTATIONS "R"

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)	R(Z)
190	.8843E-05	.4133E-04	.0000E+00	.0000E+00	.0000E+00	.2669E-07
290	.003239	.042218	.000000	.000000	.000000	.000036

HOSP. "DR.PRINCE LARA". EDIF. PATOLOGIA REFORZADO /// 0.30SX+1.00SY

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REACTIONS AND APPLIED FORCES

DYNAMIC LOAD - FORCES "F" AND MOMENTS "M"

JOINT	F(X)	F(Y)	F(Z)	M(X)	M(Y)	M(Z)
1	.2127E+05	.3560E+05	.4277E+03	.5408E+05	.2603E+05	.0000E+00
2	.3365E+05	.1597E+05	.1008E+03	.6165E+04	.4095E+05	.0000E+00
3	.1191E+05	.1437E+05	.4385E+02	.5647E+04	.1464E+05	.0000E+00
4	.2136E+05	.3492E+05	.1113E+03	.5414E+05	.2607E+05	.0000E+00
5	.8898E+03	.1171E+05	.1636E+02	.4316E+04	.3284E+03	.1191E-01
6	.2135E+05	.1565E+05	.2140E+03	.6137E+04	.2607E+05	.0000E+00
7	.4318E+05	.3608E+05	.1385E+02	.5531E+05	.5239E+05	.0000E+00
8	.2134E+05	.1574E+05	.7403E+02	.6173E+04	.2607E+05	.0000E+00
9	.9300E+03	.1198E+05	.1280E+03	.4418E+04	.3433E+03	.1191E-01
10	.2136E+05	.3554E+05	.1321E+03	.5520E+05	.2607E+05	.0000E+00
11	.1191E+05	.1489E+05	.4066E+02	.5850E+04	.1464E+05	.0000E+00
12	.3365E+05	.1667E+05	.1001E+03	.6441E+04	.4095E+05	.0000E+00
13	.2127E+05	.3684E+05	.4276E+03	.5618E+05	.2603E+05	.0000E+00
14	.2081E+04	.4536E+05	.5133E+03	.6641E+05	.8613E+03	.0000E+00
15	.8216E+03	.1202E+05	.3732E+02	.4433E+04	.3030E+03	.1191E-01
16	.7630E+03	.1198E+05	.6248E+02	.4416E+04	.2812E+03	.1191E-01
17	.1871E+04	.4482E+05	.1088E+02	.6664E+05	.8000E+03	.0000E+00
18	.7675E+03	.1208E+05	.1142E+03	.4456E+04	.2829E+03	.1191E-01
19	.8091E+03	.1223E+05	.2223E+03	.4510E+04	.2984E+03	.1191E-01
20	.1926E+04	.4547E+05	.1711E+02	.6738E+05	.8157E+03	.0000E+00
21	.8610E+03	.1236E+05	.5407E+02	.4557E+04	.3176E+03	.1191E-01
22	.8159E+03	.1231E+05	.5647E+02	.4538E+04	.3009E+03	.1191E-01
23	.1856E+04	.4563E+05	.1104E+02	.6795E+05	.7954E+03	.0000E+00
24	.7629E+03	.1241E+05	.6567E+02	.4577E+04	.2812E+03	.1191E-01
25	.8216E+03	.1255E+05	.3794E+02	.4628E+04	.3030E+03	.1191E-01
26	.2081E+04	.4698E+05	.5132E+03	.6901E+05	.8613E+03	.0000E+00
27	.2078E+04	.4536E+05	.5126E+03	.6641E+05	.8605E+03	.0000E+00
28	.8205E+03	.1202E+05	.3695E+02	.4432E+04	.3026E+03	.1191E-01
29	.7623E+03	.1197E+05	.6085E+02	.4416E+04	.2810E+03	.1191E-01
30	.1827E+04	.4486E+05	.1059E+01	.6665E+05	.7862E+03	.0000E+00
31	.8753E+03	.1172E+05	.5469E+01	.4320E+04	.3230E+03	.1191E-01
32	.2135E+05	.1565E+05	.2110E+03	.6138E+04	.2606E+05	.0000E+00
33	.4317E+05	.4654E+05	.1375E+02	.6812E+05	.5239E+05	.0000E+00
34	.2133E+05	.1575E+05	.7249E+02	.6174E+04	.2605E+05	.0000E+00
35	.9150E+03	.1199E+05	.1373E+03	.4422E+04	.3377E+03	.1191E-01
36	.1816E+04	.4567E+05	.1961E+02	.6796E+05	.7827E+03	.0000E+00
37	.7621E+03	.1241E+05	.6405E+02	.4576E+04	.2809E+03	.1191E-01
38	.8205E+03	.1255E+05	.3757E+02	.4628E+04	.3026E+03	.1191E-01
39	.2078E+04	.4698E+05	.5126E+03	.6901E+05	.8605E+03	.0000E+00
40	.2078E+04	.4536E+05	.5126E+03	.6641E+05	.8605E+03	.0000E+00
41	.8205E+03	.1202E+05	.3695E+02	.4432E+04	.3026E+03	.1191E-01
42	.7623E+03	.1197E+05	.6085E+02	.4416E+04	.2810E+03	.1191E-01
43	.1827E+04	.4486E+05	.1059E+01	.6665E+05	.7862E+03	.0000E+00
44	.8753E+03	.1172E+05	.5469E+01	.4320E+04	.3230E+03	.1191E-01
45	.2135E+05	.1565E+05	.2110E+03	.6138E+04	.2606E+05	.0000E+00
46	.4317E+05	.4654E+05	.1375E+02	.6812E+05	.5239E+05	.0000E+00
47	.2133E+05	.1575E+05	.7249E+02	.6174E+04	.2605E+05	.0000E+00
48	.9150E+03	.1199E+05	.1373E+03	.4422E+04	.3377E+03	.1191E-01
49	.1816E+04	.4567E+05	.1961E+02	.6796E+05	.7827E+03	.0000E+00
50	.7621E+03	.1241E+05	.6405E+02	.4576E+04	.2809E+03	.1191E-01
51	.8205E+03	.1255E+05	.3757E+02	.4628E+04	.3026E+03	.1191E-01

HOSP. "DR.PRINCE LARA". EDIF. PATOLOGIA REFORZADO /// 0.30SX+1.00SY

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R E A C T I O N S A N D A P P L I E D F O R C E S

DYNAMIC LOAD - FORCES "F" AND MOMENTS "M"

JOINT	F(X)	F(Y)	F(Z)	M(X)	M(Y)	M(Z)
52	.2078E+04	.4698E+05	.5126E+03	.6901E+05	.8605E+03	.0000E+00
53	.2081E+04	.4536E+05	.5133E+03	.6641E+05	.8613E+03	.0000E+00
54	.8216E+03	.1202E+05	.3732E+02	.4433E+04	.3030E+03	.1191E-01
55	.7630E+03	.1198E+05	.6248E+02	.4416E+04	.2812E+03	.1191E-01
56	.1871E+04	.4482E+05	.1088E+02	.6664E+05	.8000E+03	.0000E+00
57	.7675E+03	.1208E+05	.1142E+03	.4456E+04	.2829E+03	.1191E-01
58	.8091E+03	.1223E+05	.2223E+03	.4510E+04	.2984E+03	.1191E-01
59	.1926E+04	.4547E+05	.1711E+02	.6738E+05	.8157E+03	.0000E+00
60	.8610E+03	.1236E+05	.5407E+02	.4557E+04	.3176E+03	.1191E-01
61	.8159E+03	.1231E+05	.5647E+02	.4538E+04	.3009E+03	.1191E-01
62	.1856E+04	.4563E+05	.1104E+02	.6795E+05	.7954E+03	.0000E+00
63	.7629E+03	.1241E+05	.6567E+02	.4577E+04	.2812E+03	.1191E-01
64	.8216E+03	.1255E+05	.3794E+02	.4628E+04	.3030E+03	.1191E-01
65	.2081E+04	.4698E+05	.5132E+03	.6901E+05	.8613E+03	.0000E+00
66	.2127E+05	.3560E+05	.4277E+03	.5408E+05	.2603E+05	.0000E+00
67	.3365E+05	.1597E+05	.1008E+03	.6165E+04	.4095E+05	.0000E+00
68	.1191E+05	.1437E+05	.4385E+02	.5647E+04	.1464E+05	.0000E+00
69	.2136E+05	.3492E+05	.1113E+03	.5414E+05	.2607E+05	.0000E+00
70	.8898E+03	.1171E+05	.1636E+02	.4316E+04	.3284E+03	.1191E-01
71	.2135E+05	.1565E+05	.2140E+03	.6137E+04	.2607E+05	.0000E+00
72	.4318E+05	.3608E+05	.1385E+02	.5531E+05	.5239E+05	.0000E+00
73	.2134E+05	.1574E+05	.7403E+02	.6173E+04	.2607E+05	.0000E+00
74	.9300E+03	.1198E+05	.1280E+03	.4418E+04	.3433E+03	.1191E-01
75	.2136E+05	.3554E+05	.1321E+03	.5520E+05	.2607E+05	.0000E+00
76	.1191E+05	.1489E+05	.4066E+02	.5850E+04	.1464E+05	.0000E+00
77	.3365E+05	.1667E+05	.1001E+03	.6441E+04	.4095E+05	.0000E+00
78	.2127E+05	.3684E+05	.4276E+03	.5618E+05	.2603E+05	.0000E+00