

Studio Software AMV s.r.l.
Via Roma, 96 Tel. 0481/779903
34077 Ronchi dei Legionari (GO)

INTERSTAZIONE E DATI CARATTERISTICI DELLA STRUTTURA (D.M. 1996)

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Nome dell'archivio di lavoro      : ED_DE5
Intestazione del lavoro          : NAPOLI-DE 5
Tipo di struttura                 : Nello spazio
Tipo di analisi                   : Statica e Dinamica
Tipo di soluzione                 : Lineare
Unita' di misura delle Forze     : kg
Unita' di misura Lunghezze      : cm
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PARAMETRI SISMICI

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Grado di sismicita'      : 9
Coeff. di fondazione     : 1.00
Coeff. di struttura      : 1.00
Coeff. di risposta        : 1.00
Coeff. di prot. sismica  : 1.00
Spettro di risposta orizzontale come da normativa
Numero di frequenze      : 150
Coeff.molt. dei periodi  : 1.00
Sisma lungo l'asse Z     : No
Angolo sisma             : 0.00
Comb. azioni sismiche    :  $\sqrt{EX^2 + EZ^2}$  ;  $\sqrt{EY^2 + EZ^2}$ 
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FREQUENZE PROPRIE DI OSCILLAZIONE

NUMERO	PULSAZIONE (RAD/SEC)	FREQUENZA (HZ)	PERIODO (SEC)	PRECISIONE
1	1.450e+001	2.307e+000	4.334e-001	0.000e+000
2	1.785e+001	2.841e+000	3.520e-001	0.000e+000
3	2.754e+001	4.383e+000	2.281e-001	0.000e+000
4	4.115e+001	6.550e+000	1.527e-001	0.000e+000
5	4.287e+001	6.822e+000	1.466e-001	0.000e+000
6	4.933e+001	7.852e+000	1.274e-001	0.000e+000
7	4.955e+001	7.886e+000	1.268e-001	0.000e+000
8	5.102e+001	8.121e+000	1.231e-001	0.000e+000
9	5.274e+001	8.394e+000	1.191e-001	0.000e+000
10	5.452e+001	8.677e+000	1.153e-001	0.000e+000
11	5.801e+001	9.232e+000	1.083e-001	0.000e+000
12	5.942e+001	9.457e+000	1.057e-001	0.000e+000
13	6.001e+001	9.551e+000	1.047e-001	0.000e+000
14	6.567e+001	1.045e+001	9.567e-002	0.000e+000
15	6.627e+001	1.055e+001	9.481e-002	0.000e+000
16	6.664e+001	1.061e+001	9.429e-002	0.000e+000
17	6.693e+001	1.065e+001	9.388e-002	0.000e+000
18	7.003e+001	1.115e+001	8.972e-002	0.000e+000
19	7.062e+001	1.124e+001	8.898e-002	0.000e+000
20	7.100e+001	1.130e+001	8.850e-002	0.000e+000
21	7.278e+001	1.158e+001	8.633e-002	0.000e+000
22	7.288e+001	1.160e+001	8.621e-002	0.000e+000
23	7.685e+001	1.223e+001	8.176e-002	0.000e+000
24	7.780e+001	1.238e+001	8.076e-002	0.000e+000
25	8.318e+001	1.324e+001	7.553e-002	0.000e+000
26	8.835e+001	1.406e+001	7.112e-002	1.332e-304
27	8.901e+001	1.417e+001	7.059e-002	6.804e-302
28	9.052e+001	1.441e+001	6.941e-002	7.941e-297
29	9.170e+001	1.460e+001	6.852e-002	1.992e-292
30	9.387e+001	1.494e+001	6.693e-002	3.765e-284
31	9.490e+001	1.510e+001	6.621e-002	1.932e-280
32	9.532e+001	1.517e+001	6.592e-002	7.860e-279
33	9.616e+001	1.530e+001	6.534e-002	1.036e-275
34	9.642e+001	1.535e+001	6.516e-002	2.129e-274
35	9.704e+001	1.544e+001	6.475e-002	2.516e-273
36	9.719e+001	1.547e+001	6.465e-002	3.264e-273
37	9.865e+001	1.570e+001	6.369e-002	5.812e-271
38	1.004e+002	1.597e+001	6.260e-002	2.657e-267
39	1.028e+002	1.636e+001	6.114e-002	3.264e-260
40	1.031e+002	1.640e+001	6.097e-002	1.670e-259
41	1.056e+002	1.681e+001	5.948e-002	1.355e-252
42	1.060e+002	1.687e+001	5.928e-002	4.830e-250
43	1.064e+002	1.694e+001	5.904e-002	4.702e-250
44	1.079e+002	1.718e+001	5.822e-002	1.499e-247
45	1.085e+002	1.726e+001	5.794e-002	4.896e-247
46	1.109e+002	1.765e+001	5.667e-002	1.844e-241
47	1.119e+002	1.781e+001	5.614e-002	1.191e-239
48	1.129e+002	1.797e+001	5.565e-002	1.631e-236
49	1.142e+002	1.817e+001	5.503e-002	9.095e-235

50	1.161e+002	1.848e+001	5.410e-002	4.081e-231
51	1.170e+002	1.863e+001	5.369e-002	8.958e-230
52	1.201e+002	1.911e+001	5.232e-002	1.292e-223
53	1.210e+002	1.926e+001	5.191e-002	3.110e-221
54	1.222e+002	1.945e+001	5.140e-002	2.796e-220
55	1.256e+002	1.999e+001	5.003e-002	2.365e-213
56	1.271e+002	2.022e+001	4.944e-002	3.126e-210
57	1.281e+002	2.039e+001	4.903e-002	7.983e-209
58	1.323e+002	2.106e+001	4.748e-002	4.062e-200
59	1.326e+002	2.110e+001	4.739e-002	1.778e-199
60	1.360e+002	2.165e+001	4.619e-002	1.032e-193
61	1.380e+002	2.196e+001	4.553e-002	6.701e-189
62	1.388e+002	2.210e+001	4.526e-002	8.402e-187
63	1.393e+002	2.217e+001	4.510e-002	1.578e-185
64	1.411e+002	2.246e+001	4.453e-002	8.678e-183
65	1.414e+002	2.250e+001	4.443e-002	9.618e-182
66	1.425e+002	2.267e+001	4.411e-002	1.231e-179
67	1.425e+002	2.268e+001	4.408e-002	6.531e-179
68	1.462e+002	2.327e+001	4.297e-002	8.406e-176
69	1.469e+002	2.338e+001	4.277e-002	5.917e-175
70	1.475e+002	2.348e+001	4.259e-002	4.047e-173
71	1.509e+002	2.402e+001	4.163e-002	1.573e-169
72	1.512e+002	2.407e+001	4.155e-002	1.120e-169
73	1.563e+002	2.487e+001	4.021e-002	1.391e-162
74	1.578e+002	2.512e+001	3.981e-002	7.138e-161
75	1.599e+002	2.545e+001	3.929e-002	9.744e-158
76	1.637e+002	2.605e+001	3.839e-002	1.619e-152
77	1.645e+002	2.618e+001	3.819e-002	1.178e-150
78	1.668e+002	2.655e+001	3.767e-002	8.635e-148
79	1.690e+002	2.689e+001	3.719e-002	1.424e-144
80	1.709e+002	2.720e+001	3.676e-002	1.908e-138
81	1.720e+002	2.738e+001	3.652e-002	2.196e-140
82	1.742e+002	2.773e+001	3.606e-002	5.059e-138
83	1.785e+002	2.841e+001	3.519e-002	1.075e-131
84	1.795e+002	2.857e+001	3.500e-002	3.042e-130
85	1.808e+002	2.877e+001	3.475e-002	1.074e-127
86	1.811e+002	2.882e+001	3.470e-002	1.233e-127
87	1.822e+002	2.899e+001	3.449e-002	2.515e-127
88	1.841e+002	2.931e+001	3.412e-002	1.224e-125
89	1.880e+002	2.992e+001	3.342e-002	3.694e-121
90	1.903e+002	3.029e+001	3.302e-002	3.869e-118
91	1.933e+002	3.076e+001	3.251e-002	3.928e-115
92	1.952e+002	3.106e+001	3.219e-002	1.766e-112
93	1.962e+002	3.123e+001	3.202e-002	2.582e-111
94	1.988e+002	3.164e+001	3.161e-002	1.316e-108
95	2.016e+002	3.208e+001	3.117e-002	3.772e-105
96	2.037e+002	3.242e+001	3.084e-002	5.750e-102
97	2.039e+002	3.245e+001	3.081e-002	1.335e-100
98	2.063e+002	3.283e+001	3.046e-002	1.323e-100
99	2.091e+002	3.328e+001	3.005e-002	1.844e-098
100	2.133e+002	3.394e+001	2.946e-002	4.921e-092
101	2.139e+002	3.404e+001	2.938e-002	2.196e-092
102	2.168e+002	3.451e+001	2.898e-002	1.533e-089
103	2.185e+002	3.478e+001	2.875e-002	1.056e-087
104	2.224e+002	3.540e+001	2.825e-002	8.312e-083
105	2.232e+002	3.552e+001	2.815e-002	2.172e-081
106	2.250e+002	3.581e+001	2.792e-002	8.525e-079
107	2.285e+002	3.637e+001	2.749e-002	9.563e-076
108	2.294e+002	3.651e+001	2.739e-002	1.144e-075
109	2.309e+002	3.675e+001	2.721e-002	2.465e-073
110	2.314e+002	3.682e+001	2.716e-002	3.362e-073
111	2.338e+002	3.721e+001	2.688e-002	1.146e-071
112	2.361e+002	3.757e+001	2.661e-002	9.787e-069
113	2.370e+002	3.772e+001	2.651e-002	4.490e-068
114	2.418e+002	3.849e+001	2.598e-002	5.364e-063
115	2.424e+002	3.859e+001	2.592e-002	3.130e-062
116	2.441e+002	3.884e+001	2.575e-002	3.442e-061
117	2.452e+002	3.903e+001	2.562e-002	3.703e-060
118	2.458e+002	3.913e+001	2.556e-002	1.163e-059
119	2.496e+002	3.972e+001	2.518e-002	1.877e-056
120	2.507e+002	3.990e+001	2.506e-002	7.122e-055
121	2.532e+002	4.030e+001	2.481e-002	1.980e-053
122	2.542e+002	4.045e+001	2.472e-002	2.741e-052
123	2.558e+002	4.071e+001	2.456e-002	3.888e-051
124	2.566e+002	4.085e+001	2.448e-002	1.453e-047
125	2.610e+002	4.154e+001	2.407e-002	2.331e-045
126	2.611e+002	4.156e+001	2.406e-002	4.110e-045
127	2.622e+002	4.173e+001	2.397e-002	2.521e-045
128	2.645e+002	4.209e+001	2.376e-002	2.493e-043
129	2.654e+002	4.225e+001	2.367e-002	1.169e-042
130	2.670e+002	4.250e+001	2.353e-002	6.973e-041
131	2.676e+002	4.259e+001	2.348e-002	1.353e-040
132	2.687e+002	4.277e+001	2.338e-002	8.812e-040
133	2.697e+002	4.292e+001	2.330e-002	8.838e-040
134	2.713e+002	4.318e+001	2.316e-002	2.886e-039
135	2.724e+002	4.336e+001	2.306e-002	3.886e-039
136	2.756e+002	4.386e+001	2.280e-002	4.346e-036
137	2.764e+002	4.399e+001	2.273e-002	3.255e-037
138	2.792e+002	4.444e+001	2.250e-002	1.501e-035
139	2.804e+002	4.463e+001	2.241e-002	6.621e-035
140	2.817e+002	4.483e+001	2.231e-002	6.124e-035
141	2.873e+002	4.572e+001	2.187e-002	2.096e-032
142	2.894e+002	4.606e+001	2.171e-002	6.381e-031
143	2.935e+002	4.671e+001	2.141e-002	2.297e-026
144	2.938e+002	4.675e+001	2.139e-002	4.495e-026

145	2.957e+002	4.706e+001	2.125e-002	4.202e-025
146	2.966e+002	4.721e+001	2.118e-002	1.885e-024
147	2.984e+002	4.749e+001	2.106e-002	1.990e-023
148	3.014e+002	4.798e+001	2.084e-002	4.261e-021
149	3.024e+002	4.812e+001	2.078e-002	7.617e-021
150	3.043e+002	4.843e+001	2.065e-002	2.442e-019

COEFFICIENTI DI PARTECIPAZIONE MODALE:

MODO	DIREZIONE-X	DIREZIONE-Y
1	-1.869e+001	-6.747e-001
2	-4.143e-001	3.816e+001
3	3.061e+001	5.247e-002
4	5.728e-002	-2.211e+000
5	7.594e-001	-2.535e-002
6	3.304e+000	4.217e+000
7	4.305e+000	-2.460e+000
8	4.632e+000	-3.933e-001
9	-6.876e-002	-9.279e-002
10	-4.179e+000	7.035e-002
11	-1.221e+000	4.073e-002
12	7.734e-001	2.799e+000
13	2.167e+000	-1.063e+000
14	8.157e-001	-9.554e-001
15	-8.927e-001	-7.522e-001
16	-1.090e-001	-1.116e+000
17	8.982e-001	2.239e-001
18	-1.085e+000	-3.554e-001
19	2.592e-001	3.634e-001
20	2.066e-001	-2.472e+000
21	3.736e-002	6.147e-001
22	-1.241e-001	4.253e-001
23	-1.363e+000	2.975e-002
24	1.168e-001	-1.875e+000
25	-2.104e-001	-8.810e-001
26	-7.761e-001	2.895e+000
27	-1.270e+000	-1.661e+000
28	-1.176e-001	-1.555e+000
29	-1.922e-001	1.585e-001
30	1.013e-001	-2.872e-001
31	2.281e-002	4.521e+000
32	7.282e-001	1.818e-001
33	1.053e-001	4.400e+000
34	1.779e+000	-2.649e-001
35	4.803e-001	2.878e-002
36	5.371e-001	6.104e-002
37	3.126e+000	-7.240e-001
38	3.341e-001	5.784e+000
39	-9.027e-001	-2.106e+000
40	2.295e+000	-2.333e+000
41	-7.692e-003	4.406e+000
42	3.599e-001	2.312e+000
43	-1.180e+000	-1.523e+000
44	-3.114e-001	-9.189e-001
45	-6.288e-001	3.575e-001
46	-4.975e+000	-6.085e-002
47	1.146e-001	1.189e+000
48	-2.299e+000	-1.294e+000
49	4.055e-001	4.018e+000
50	1.093e+000	-5.693e+000
51	3.458e+000	6.283e+000
52	-1.020e+001	3.900e+000
53	-4.446e+000	-3.823e+000
54	2.526e-001	3.218e+000
55	3.063e+000	6.551e-002
56	-2.697e+000	-1.927e-001
57	-4.555e+000	-8.322e-001
58	-1.421e+000	1.109e-001
59	-1.027e+000	-8.530e-001
60	-7.288e-001	2.651e+000
61	3.089e-001	2.744e-001
62	2.557e-002	-2.327e+000
63	-7.157e-001	-6.610e-001
64	-1.395e-001	-3.519e-001
65	-3.476e-002	8.071e-001
66	-7.037e-001	7.256e-001
67	-3.017e-001	-2.231e-001
68	-1.111e+000	-6.210e-001
69	3.251e-001	1.245e+000
70	2.019e-001	-2.670e+000
71	-9.331e-001	7.779e-001
72	-3.312e-001	-1.336e+000
73	-8.576e-003	9.825e-001
74	5.254e-002	2.095e-001
75	-1.402e-002	2.757e+000
76	5.224e-001	-5.589e-001
77	-8.822e-003	7.641e-002
78	-1.051e+000	-6.203e-001
79	-9.626e-001	3.011e-001
80	-1.719e-001	-1.026e+000
81	-5.940e-001	3.321e-001
82	7.683e-001	-1.818e-001
83	3.330e-001	-2.456e-001
84	-8.494e-001	-9.641e-002

85	-2.416e-001	-3.766e-001
86	-2.924e-002	-7.943e-001
87	-1.825e+000	2.278e+000
88	-2.519e+000	-2.174e+000
89	1.685e-001	-4.514e-001
90	4.230e-001	-2.327e-001
91	-4.706e-001	1.836e+000
92	-2.818e+000	-1.196e+000
93	-2.890e+000	2.047e+000
94	-2.491e+000	-1.281e-002
95	1.993e+000	1.803e+000
96	7.959e-001	-1.454e-001
97	9.008e-002	-1.771e+000
98	-1.631e+000	4.252e-001
99	-2.898e-002	-3.912e-001
100	-2.201e-002	-3.241e-001
101	-1.432e+000	6.513e-002
102	-2.056e-001	-2.504e-001
103	1.528e-002	-1.708e+000
104	-3.418e-001	-6.913e-001
105	-9.137e-001	-1.540e-001
106	1.036e-001	-2.066e+000
107	4.443e-001	2.610e-001
108	4.117e-001	2.957e+000
109	2.541e-001	2.565e-001
110	-7.422e-001	1.541e-001
111	-5.904e-001	4.995e+000
112	2.456e+000	-1.038e-002
113	1.565e-001	-4.571e-001
114	-2.069e+000	1.941e-001
115	1.225e+000	-3.588e-001
116	2.186e+000	3.770e-001
117	7.897e-001	-1.925e-002
118	3.575e+000	1.850e-001
119	3.716e-001	1.778e-001
120	5.579e-001	7.233e-001
121	-2.266e-001	1.166e+000
122	4.042e-001	-9.165e-001
123	4.753e-001	-6.876e-001
124	6.702e-001	5.398e-001
125	-1.035e+000	-9.266e-002
126	1.607e+000	-3.762e-001
127	-7.213e-001	4.557e-001
128	-6.249e-001	-1.691e-001
129	2.271e+000	4.555e-001
130	2.596e-001	-3.497e-001
131	-7.433e-001	-5.380e-001
132	2.604e-001	-7.123e-001
133	4.311e-003	-6.376e-001
134	3.685e-001	1.638e+000
135	-9.928e-001	2.570e-002
136	-8.045e-001	4.475e+000
137	-1.009e+000	4.434e-001
138	-3.194e-002	1.077e+000
139	1.410e+000	2.279e+000
140	-4.118e+000	3.482e-002
141	-3.424e-001	3.271e+000
142	-1.593e-001	-1.275e+000
143	7.169e-001	2.531e+000
144	3.323e-001	-5.347e-001
145	-1.232e+000	1.383e+000
146	-1.127e+000	-2.723e+000
147	6.068e-001	3.739e-001
148	-9.229e-001	1.581e+000
149	9.720e-002	2.376e+000
150	-6.857e+000	1.356e+000

MASSA ECCITATA PER Z >= 350.00
MASSA ECCITATA PROGRESSIVA

MODO	DIREZIONE-X	DIREZIONE-Y	DIREZIONE-Z
1	+3.47e+002 (18)	+4.45e-001 (0)	+5.95e-003 (0)
	+3.47e+002 (18)	+4.45e-001 (0)	+5.95e-003 (0)
2	+1.71e-001 (0)	+1.41e+003 (73)	+2.57e+000 (0)
	+3.48e+002 (18)	+1.41e+003 (73)	+2.58e+000 (0)
3	+9.19e+002 (48)	+2.41e-003 (0)	+1.71e-002 (0)
	+1.27e+003 (66)	+1.41e+003 (73)	+2.59e+000 (0)
4	+3.35e-003 (0)	+4.72e+000 (0)	+2.75e+002 (14)
	+1.27e+003 (66)	+1.41e+003 (74)	+2.77e+002 (14)
5	+7.28e-001 (0)	+6.68e-004 (0)	+1.68e-001 (0)
	+1.27e+003 (66)	+1.41e+003 (74)	+2.77e+002 (14)
6	+1.08e+001 (1)	+1.89e+001 (1)	+5.87e+002 (31)
	+1.28e+003 (66)	+1.43e+003 (74)	+8.64e+002 (45)
7	+1.74e+001 (1)	+6.41e+000 (0)	+2.05e+002 (11)
	+1.30e+003 (67)	+1.44e+003 (75)	+1.07e+003 (56)
8	+2.58e+001 (1)	+1.66e-001 (0)	+9.64e+000 (1)
	+1.32e+003 (69)	+1.44e+003 (75)	+1.08e+003 (56)
9	+2.55e-003 (0)	+1.65e-003 (0)	+5.41e+000 (0)
	+1.32e+003 (69)	+1.44e+003 (75)	+1.08e+003 (56)
10	+1.67e+001 (1)	+4.58e-003 (0)	+6.08e-003 (0)
	+1.34e+003 (70)	+1.44e+003 (75)	+1.08e+003 (56)
11	+2.27e+000 (0)	+5.70e-004 (0)	+2.89e+000 (0)
	+1.34e+003 (70)	+1.44e+003 (75)	+1.09e+003 (56)
12	+7.68e-001 (0)	+8.44e+000 (0)	+3.50e+002 (18)

	+1.34e+003 (70)	+1.45e+003 (75)	+1.44e+003 (75)
13	+5.97e+000 (0)	+1.31e+000 (0)	+7.05e+001 (4)
	+1.35e+003 (70)	+1.45e+003 (75)	+1.51e+003 (78)
14	+6.94e-001 (0)	+1.83e-001 (0)	+5.38e+000 (0)
	+1.35e+003 (70)	+1.45e+003 (75)	+1.51e+003 (79)
15	+8.28e-001 (0)	+2.07e-001 (0)	+1.23e+001 (1)
	+1.35e+003 (70)	+1.45e+003 (75)	+1.53e+003 (79)
16	+1.31e-002 (0)	+6.86e-001 (0)	+3.58e+001 (2)
	+1.35e+003 (70)	+1.45e+003 (75)	+1.56e+003 (81)
17	+8.55e-001 (0)	+2.55e-002 (0)	+9.64e-001 (0)
	+1.35e+003 (70)	+1.45e+003 (75)	+1.56e+003 (81)
18	+1.05e+000 (0)	+5.15e-002 (0)	+1.56e+000 (0)
	+1.35e+003 (70)	+1.45e+003 (75)	+1.56e+003 (81)
19	+8.51e-002 (0)	+7.06e-002 (0)	+5.12e-002 (0)
	+1.35e+003 (70)	+1.45e+003 (75)	+1.56e+003 (81)
20	+4.85e-002 (0)	+3.56e+000 (0)	+1.01e+000 (0)
	+1.35e+003 (70)	+1.45e+003 (76)	+1.56e+003 (81)
21	+3.68e-003 (0)	+4.25e-001 (0)	+3.40e+000 (0)
	+1.35e+003 (70)	+1.45e+003 (76)	+1.57e+003 (82)
22	+6.45e-003 (0)	+1.98e-001 (0)	+1.12e+000 (0)
	+1.35e+003 (70)	+1.45e+003 (76)	+1.57e+003 (82)
23	+9.15e-001 (0)	+3.22e-004 (0)	+3.47e-002 (0)
	+1.35e+003 (70)	+1.45e+003 (76)	+1.57e+003 (82)
24	+7.17e-004 (0)	+2.14e+000 (0)	+1.94e+000 (0)
	+1.35e+003 (70)	+1.46e+003 (76)	+1.57e+003 (82)
25	+1.68e-002 (0)	+5.17e-001 (0)	+6.04e-001 (0)
	+1.35e+003 (70)	+1.46e+003 (76)	+1.57e+003 (82)
26	+6.06e-001 (0)	+5.88e+000 (0)	+3.84e+000 (0)
	+1.35e+003 (70)	+1.46e+003 (76)	+1.58e+003 (82)
27	+1.87e+000 (0)	+1.90e+000 (0)	+1.33e+000 (0)
	+1.35e+003 (70)	+1.46e+003 (76)	+1.58e+003 (82)
28	+1.25e-002 (0)	+1.80e+000 (0)	+1.16e+000 (0)
	+1.35e+003 (70)	+1.47e+003 (76)	+1.58e+003 (82)
29	+1.82e-002 (0)	+2.10e-002 (0)	+3.32e-003 (0)
	+1.35e+003 (70)	+1.47e+003 (76)	+1.58e+003 (82)
30	+1.96e-002 (0)	+1.50e-001 (0)	+2.15e-001 (0)
	+1.35e+003 (70)	+1.47e+003 (76)	+1.58e+003 (82)
31	+4.15e-004 (0)	+1.94e+001 (1)	+1.59e-001 (0)
	+1.35e+003 (70)	+1.49e+003 (77)	+1.58e+003 (82)
32	+4.98e-001 (0)	+6.05e-002 (0)	+2.80e-002 (0)
	+1.35e+003 (70)	+1.49e+003 (77)	+1.58e+003 (82)
33	+1.14e-002 (0)	+1.62e+001 (1)	+1.37e-001 (0)
	+1.35e+003 (70)	+1.50e+003 (78)	+1.58e+003 (82)
34	+3.27e+000 (0)	+5.83e-002 (0)	+2.77e-003 (0)
	+1.36e+003 (71)	+1.50e+003 (78)	+1.58e+003 (82)
35	+1.91e-001 (0)	+3.76e-004 (0)	+1.57e-003 (0)
	+1.36e+003 (71)	+1.50e+003 (78)	+1.58e+003 (82)
36	+2.42e-001 (0)	+9.93e-003 (0)	+5.79e-003 (0)
	+1.36e+003 (71)	+1.50e+003 (78)	+1.58e+003 (82)
37	+8.70e+000 (0)	+4.19e-001 (0)	+2.55e-002 (0)
	+1.37e+003 (71)	+1.50e+003 (78)	+1.58e+003 (82)
38	+1.03e-001 (0)	+2.59e+001 (1)	+1.32e+000 (0)
	+1.37e+003 (71)	+1.53e+003 (79)	+1.58e+003 (82)
39	+6.56e-001 (0)	+2.96e+000 (0)	+4.83e-002 (0)
	+1.37e+003 (71)	+1.53e+003 (80)	+1.58e+003 (82)
40	+4.25e+000 (0)	+3.94e+000 (0)	+3.31e-005 (0)
	+1.37e+003 (71)	+1.54e+003 (80)	+1.58e+003 (82)
41	+4.27e-006 (0)	+1.55e+001 (1)	+4.71e-001 (0)
	+1.37e+003 (71)	+1.55e+003 (81)	+1.58e+003 (82)
42	+1.05e-001 (0)	+4.28e+000 (0)	+2.71e-003 (0)
	+1.37e+003 (71)	+1.56e+003 (81)	+1.58e+003 (82)
43	+1.23e+000 (0)	+1.88e+000 (0)	+3.52e-003 (0)
	+1.37e+003 (71)	+1.56e+003 (81)	+1.58e+003 (82)
44	+6.85e-002 (0)	+6.69e-001 (0)	+4.21e-002 (0)
	+1.37e+003 (71)	+1.56e+003 (81)	+1.58e+003 (82)
45	+3.33e-001 (0)	+7.65e-002 (0)	+9.91e-001 (0)
	+1.37e+003 (71)	+1.56e+003 (81)	+1.58e+003 (82)
46	+2.30e+001 (1)	+1.79e-003 (0)	+6.64e-003 (0)
	+1.40e+003 (73)	+1.56e+003 (81)	+1.58e+003 (82)
47	+6.72e-003 (0)	+1.23e+000 (0)	+1.40e-002 (0)
	+1.40e+003 (73)	+1.56e+003 (81)	+1.58e+003 (82)
48	+4.75e+000 (0)	+1.54e+000 (0)	+5.01e-002 (0)
	+1.40e+003 (73)	+1.56e+003 (81)	+1.58e+003 (82)
49	+1.42e-001 (0)	+1.53e+001 (1)	+6.75e-001 (0)
	+1.40e+003 (73)	+1.58e+003 (82)	+1.58e+003 (82)
50	+1.07e+000 (0)	+2.68e+001 (1)	+8.65e-003 (0)
	+1.40e+003 (73)	+1.60e+003 (83)	+1.58e+003 (82)
51	+1.06e+001 (1)	+3.28e+001 (2)	+5.77e-002 (0)
	+1.41e+003 (73)	+1.64e+003 (85)	+1.58e+003 (82)
52	+9.60e+001 (5)	+1.33e+001 (1)	+6.62e-003 (0)
	+1.51e+003 (78)	+1.65e+003 (86)	+1.58e+003 (82)
53	+1.81e+001 (1)	+1.29e+001 (1)	+1.79e-003 (0)
	+1.53e+003 (79)	+1.66e+003 (86)	+1.58e+003 (82)
54	+7.98e-002 (0)	+8.85e+000 (0)	+2.38e-001 (0)
	+1.53e+003 (79)	+1.67e+003 (87)	+1.58e+003 (82)
55	+9.58e+000 (0)	+9.59e-003 (0)	+4.35e-002 (0)
	+1.54e+003 (80)	+1.67e+003 (87)	+1.58e+003 (82)
56	+7.39e+000 (0)	+2.88e-002 (0)	+1.52e-001 (0)
	+1.54e+003 (80)	+1.67e+003 (87)	+1.58e+003 (82)
57	+2.15e+001 (1)	+5.91e-001 (0)	+1.41e-001 (0)
	+1.57e+003 (81)	+1.67e+003 (87)	+1.58e+003 (82)
58	+2.23e+000 (0)	+1.66e-002 (0)	+1.12e-001 (0)
	+1.57e+003 (82)	+1.67e+003 (87)	+1.58e+003 (82)
59	+1.21e+000 (0)	+6.80e-001 (0)	+2.23e-002 (0)
	+1.57e+003 (82)	+1.67e+003 (87)	+1.58e+003 (82)

60	+6.01e-001 (0)	+6.69e+000 (0)	+5.93e-002 (0)
	+1.57e+003 (82)	+1.68e+003 (87)	+1.58e+003 (82)
61	+7.17e-002 (0)	+6.90e-002 (0)	+2.25e-004 (0)
	+1.57e+003 (82)	+1.68e+003 (87)	+1.58e+003 (82)
62	+3.06e-004 (0)	+5.44e+000 (0)	+2.75e-004 (0)
	+1.57e+003 (82)	+1.68e+003 (88)	+1.58e+003 (82)
63	+4.17e-001 (0)	+3.92e-001 (0)	+2.22e-002 (0)
	+1.57e+003 (82)	+1.68e+003 (88)	+1.58e+003 (82)
64	+5.38e-003 (0)	+9.03e-002 (0)	+7.73e-002 (0)
	+1.57e+003 (82)	+1.69e+003 (88)	+1.58e+003 (82)
65	+2.61e-003 (0)	+5.57e-001 (0)	+3.67e-002 (0)
	+1.57e+003 (82)	+1.69e+003 (88)	+1.58e+003 (82)
66	+4.19e-001 (0)	+4.83e-001 (0)	+1.30e-004 (0)
	+1.57e+003 (82)	+1.69e+003 (88)	+1.58e+003 (82)
67	+8.92e-002 (0)	+5.50e-002 (0)	+2.96e-004 (0)
	+1.57e+003 (82)	+1.69e+003 (88)	+1.58e+003 (82)
68	+7.70e-001 (0)	+4.30e-001 (0)	+2.99e-003 (0)
	+1.57e+003 (82)	+1.69e+003 (88)	+1.58e+003 (82)
69	+6.34e-002 (0)	+1.88e+000 (0)	+1.24e-001 (0)
	+1.57e+003 (82)	+1.69e+003 (88)	+1.58e+003 (82)
70	+1.34e-002 (0)	+8.33e+000 (0)	+1.75e-001 (0)
	+1.57e+003 (82)	+1.70e+003 (88)	+1.58e+003 (82)
71	+1.03e+000 (0)	+7.55e-001 (0)	+2.34e-001 (0)
	+1.57e+003 (82)	+1.70e+003 (88)	+1.58e+003 (82)
72	+1.14e-001 (0)	+2.29e+000 (0)	+8.25e-001 (0)
	+1.57e+003 (82)	+1.70e+003 (88)	+1.58e+003 (82)
73	+3.98e-004 (0)	+6.56e-001 (0)	+2.25e-003 (0)
	+1.57e+003 (82)	+1.70e+003 (88)	+1.58e+003 (82)
74	+8.65e-005 (0)	+2.07e-003 (0)	+4.96e-002 (0)
	+1.57e+003 (82)	+1.70e+003 (88)	+1.58e+003 (82)
75	+4.03e-004 (0)	+5.66e+000 (0)	+3.04e-003 (0)
	+1.57e+003 (82)	+1.71e+003 (89)	+1.58e+003 (82)
76	+4.28e-002 (0)	+5.50e-001 (0)	+3.57e-001 (0)
	+1.57e+003 (82)	+1.71e+003 (89)	+1.59e+003 (82)
77	+2.32e-003 (0)	+1.88e-003 (0)	+2.34e-003 (0)
	+1.57e+003 (82)	+1.71e+003 (89)	+1.59e+003 (82)
78	+4.67e-001 (0)	+8.71e-001 (0)	+5.38e-001 (0)
	+1.57e+003 (82)	+1.71e+003 (89)	+1.59e+003 (82)
79	+5.46e-001 (0)	+7.51e-003 (0)	+3.80e-001 (0)
	+1.57e+003 (82)	+1.71e+003 (89)	+1.59e+003 (82)
80	+2.49e-002 (0)	+5.39e-001 (0)	+2.41e+000 (0)
	+1.57e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
81	+1.71e-001 (0)	+8.55e-001 (0)	+2.69e-001 (0)
	+1.57e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
82	+2.17e-001 (0)	+1.38e-002 (0)	+7.11e-001 (0)
	+1.57e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
83	+4.80e-002 (0)	+6.89e-004 (0)	+2.78e-003 (0)
	+1.57e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
84	+3.99e-001 (0)	+4.35e-002 (0)	+4.74e-001 (0)
	+1.57e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
85	+4.18e-002 (0)	+1.27e-001 (0)	+1.95e-002 (0)
	+1.57e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
86	+2.16e-005 (0)	+6.31e-003 (0)	+3.28e-004 (0)
	+1.57e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
87	+1.85e+000 (0)	+9.09e-001 (0)	+5.64e-001 (0)
	+1.58e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
88	+3.59e+000 (0)	+1.14e+000 (0)	+4.01e-001 (0)
	+1.58e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
89	+1.23e-002 (0)	+2.19e-002 (0)	+1.02e+000 (0)
	+1.58e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
90	+9.09e-002 (0)	+5.20e-003 (0)	+4.52e-001 (0)
	+1.58e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
91	+1.45e-001 (0)	+2.20e+000 (0)	+1.24e+000 (0)
	+1.58e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
92	+5.28e+000 (0)	+2.37e-001 (0)	+1.11e-002 (0)
	+1.59e+003 (82)	+1.71e+003 (89)	+1.59e+003 (83)
93	+5.66e+000 (0)	+8.31e-001 (0)	+8.27e-003 (0)
	+1.59e+003 (83)	+1.71e+003 (89)	+1.59e+003 (83)
94	+5.02e+000 (0)	+3.43e-004 (0)	+1.20e+000 (0)
	+1.60e+003 (83)	+1.71e+003 (89)	+1.59e+003 (83)
95	+3.87e+000 (0)	+1.29e+000 (0)	+1.02e+000 (0)
	+1.60e+003 (83)	+1.72e+003 (89)	+1.60e+003 (83)
96	+2.77e-001 (0)	+3.29e-003 (0)	+2.80e-001 (0)
	+1.60e+003 (83)	+1.72e+003 (89)	+1.60e+003 (83)
97	+2.37e-001 (0)	+1.58e+000 (0)	+1.52e-001 (0)
	+1.60e+003 (83)	+1.72e+003 (89)	+1.60e+003 (83)
98	+2.55e+000 (0)	+1.38e-001 (0)	+3.41e-001 (0)
	+1.60e+003 (83)	+1.72e+003 (89)	+1.60e+003 (83)
99	+4.30e-002 (0)	+2.38e-001 (0)	+6.31e+000 (0)
	+1.60e+003 (83)	+1.72e+003 (89)	+1.60e+003 (83)
100	+5.92e-003 (0)	+6.27e-002 (0)	+1.94e-001 (0)
	+1.60e+003 (83)	+1.72e+003 (89)	+1.60e+003 (83)
101	+1.74e+000 (0)	+2.44e-003 (0)	+6.56e-003 (0)
	+1.61e+003 (83)	+1.72e+003 (89)	+1.60e+003 (83)
102	+4.96e-002 (0)	+2.00e-002 (0)	+3.87e+000 (0)
	+1.61e+003 (83)	+1.72e+003 (89)	+1.61e+003 (84)
103	+2.75e-003 (0)	+1.63e+000 (0)	+1.05e+000 (0)
	+1.61e+003 (83)	+1.72e+003 (89)	+1.61e+003 (84)
104	+1.26e-001 (0)	+2.36e-001 (0)	+2.08e-001 (0)
	+1.61e+003 (83)	+1.72e+003 (89)	+1.61e+003 (84)
105	+3.44e-001 (0)	+1.75e-004 (0)	+4.19e+000 (0)
	+1.61e+003 (83)	+1.72e+003 (89)	+1.61e+003 (84)
106	+1.92e-002 (0)	+2.52e+000 (0)	+8.32e-001 (0)
	+1.61e+003 (83)	+1.72e+003 (90)	+1.61e+003 (84)
107	+1.36e-001 (0)	+3.09e-002 (0)	+2.00e-002 (0)

	+1.61e+003 (83)	+1.72e+003 (90)	+1.61e+003 (84)
108	+1.33e-001 (0)	+7.58e+000 (0)	+1.22e-002 (0)
	+1.61e+003 (83)	+1.73e+003 (90)	+1.61e+003 (84)
109	+5.41e-002 (0)	+3.07e-002 (0)	+4.53e-002 (0)
	+1.61e+003 (84)	+1.73e+003 (90)	+1.61e+003 (84)
110	+4.89e-001 (0)	+1.15e-001 (0)	+5.60e-001 (0)
	+1.61e+003 (84)	+1.73e+003 (90)	+1.61e+003 (84)
111	+1.88e-001 (0)	+1.60e+001 (1)	+1.67e+000 (0)
	+1.61e+003 (84)	+1.75e+003 (91)	+1.62e+003 (84)
112	+3.99e+000 (0)	+2.94e-004 (0)	+1.60e-001 (0)
	+1.61e+003 (84)	+1.75e+003 (91)	+1.62e+003 (84)
113	+1.66e-002 (0)	+3.78e-002 (0)	+6.54e+000 (0)
	+1.61e+003 (84)	+1.75e+003 (91)	+1.62e+003 (84)
114	+1.94e+000 (0)	+1.04e-001 (0)	+7.97e-002 (0)
	+1.61e+003 (84)	+1.75e+003 (91)	+1.62e+003 (84)
115	+9.82e-001 (0)	+6.46e-002 (0)	+6.76e-002 (0)
	+1.61e+003 (84)	+1.75e+003 (91)	+1.62e+003 (84)
116	+2.60e+000 (0)	+3.29e-001 (0)	+2.37e-001 (0)
	+1.62e+003 (84)	+1.75e+003 (91)	+1.62e+003 (84)
117	+5.44e-001 (0)	+2.73e-001 (0)	+1.09e+000 (0)
	+1.62e+003 (84)	+1.75e+003 (91)	+1.62e+003 (84)
118	+9.81e+000 (1)	+7.95e-002 (0)	+1.82e-002 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.62e+003 (84)
119	+2.70e-002 (0)	+2.54e-003 (0)	+7.57e-001 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.62e+003 (84)
120	+2.61e-001 (0)	+7.98e-004 (0)	+2.88e+000 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
121	+1.55e-001 (0)	+2.17e-001 (0)	+3.85e-003 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
122	+4.09e-002 (0)	+3.15e-001 (0)	+2.29e-003 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
123	+8.47e-002 (0)	+1.10e-002 (0)	+1.35e-001 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
124	+2.50e-001 (0)	+3.64e-003 (0)	+1.20e+000 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
125	+4.27e-001 (0)	+4.21e-003 (0)	+2.19e-002 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
126	+1.04e+000 (0)	+1.43e-002 (0)	+2.72e-002 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
127	+1.33e-001 (0)	+5.28e-002 (0)	+3.56e-003 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
128	+2.55e-001 (0)	+2.04e-002 (0)	+2.51e-002 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
129	+2.86e+000 (0)	+9.71e-002 (0)	+6.56e-002 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
130	+2.38e-002 (0)	+1.10e-001 (0)	+3.48e-001 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
131	+3.24e-001 (0)	+5.12e-002 (0)	+3.52e-004 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
132	+3.32e-002 (0)	+3.63e-001 (0)	+9.44e-001 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
133	+2.17e-003 (0)	+1.20e-001 (0)	+1.11e-002 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
134	+4.47e-002 (0)	+6.52e-001 (0)	+9.26e-001 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
135	+5.59e-001 (0)	+2.20e-002 (0)	+5.33e-002 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.63e+003 (85)
136	+3.20e-001 (0)	+5.52e+000 (0)	+4.09e+000 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.64e+003 (85)
137	+4.30e-001 (0)	+2.75e-002 (0)	+1.17e+000 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.64e+003 (85)
138	+7.72e-003 (0)	+4.17e-001 (0)	+8.19e-002 (0)
	+1.63e+003 (85)	+1.75e+003 (91)	+1.64e+003 (85)
139	+1.10e+000 (0)	+2.35e+000 (0)	+1.70e+000 (0)
	+1.64e+003 (85)	+1.76e+003 (91)	+1.64e+003 (85)
140	+9.13e+000 (0)	+6.58e-003 (0)	+1.68e-001 (0)
	+1.64e+003 (85)	+1.76e+003 (91)	+1.64e+003 (85)
141	+5.22e-002 (0)	+3.52e+000 (0)	+1.22e+000 (0)
	+1.64e+003 (85)	+1.76e+003 (92)	+1.64e+003 (85)
142	+1.45e-002 (0)	+6.75e-001 (0)	+9.74e-001 (0)
	+1.64e+003 (85)	+1.76e+003 (92)	+1.64e+003 (85)
143	+2.73e-001 (0)	+2.50e+000 (0)	+1.38e-003 (0)
	+1.64e+003 (85)	+1.76e+003 (92)	+1.64e+003 (85)
144	+8.20e-002 (0)	+9.14e-002 (0)	+1.46e-002 (0)
	+1.64e+003 (86)	+1.76e+003 (92)	+1.64e+003 (85)
145	+8.07e-001 (0)	+8.07e-001 (0)	+1.66e-001 (0)
	+1.65e+003 (86)	+1.76e+003 (92)	+1.64e+003 (85)
146	+6.77e-001 (0)	+2.67e+000 (0)	+8.68e-001 (0)
	+1.65e+003 (86)	+1.77e+003 (92)	+1.64e+003 (85)
147	+1.32e-001 (0)	+1.08e-002 (0)	+8.19e-004 (0)
	+1.65e+003 (86)	+1.77e+003 (92)	+1.64e+003 (85)
148	+3.58e-001 (0)	+8.53e-001 (0)	+1.03e-002 (0)
	+1.65e+003 (86)	+1.77e+003 (92)	+1.64e+003 (85)
149	+9.77e-004 (0)	+2.04e+000 (0)	+7.97e-002 (0)
	+1.65e+003 (86)	+1.77e+003 (92)	+1.64e+003 (85)
150	+2.03e+001 (1)	+5.07e-001 (0)	+1.95e-001 (0)
	+1.67e+003 (87)	+1.77e+003 (92)	+1.64e+003 (85)

MASSA TOTALE ECCITABILE

+1.92e+003	+1.92e+003	+1.92e+003
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