

Floor	Case	Mode	Frequency (Hz)	Period (sec)	Total mass UX (kg)	Total mass UY (kg)	Total mass RZ (kgm2)	Eigenvector UX	Eigenvector UY	Eigenvector RZ
Basement	12	1	0.191	5.243	28063560	28063560	123231	0.000000	0.000000	0.000000
Basement	12	2	0.205	4.868	28063560	28063560	123231	0.000000	0.000000	0.000000
Basement	12	3	0.241	4.144	28063560	28063560	123231	0.000000	0.000000	0.000000
Basement	12	4	0.659	1.518	28063560	28063560	123231	0.000000	0.000000	0.000000
Basement	12	5	0.683	1.464	28063560	28063560	123231	0.000000	0.000000	0.000000
Basement	12	6	1.043	0.959	28063560	28063560	123231	0.000000	0.000000	0.000000
Basement	12	7	1.248	0.801	28063560	28063560	123231	0.000000	0.000000	0.000000
Basement	12	8	1.421	0.704	28063560	28063560	123231	0.000001	0.000000	0.000000
Basement	12	9	1.968	0.508	28063560	28063560	123231	0.000000	0.000000	0.000000
Basement	12	10	2.334	0.429	28063560	28063560	123231	-0.000002	0.000000	0.000000
Basement	12	11	2.483	0.403	28063560	28063560	123231	0.000000	0.000002	0.000000
Basement	12	12	2.785	0.359	28063560	28063560	123231	0.000000	0.000000	0.000001
Ground	12	1	0.191	5.243	28063560	28063560	123231	0.000001	0.000000	0.000000
Ground	12	2	0.205	4.868	28063560	28063560	123231	0.000000	0.000000	0.000000
Ground	12	3	0.241	4.144	28063560	28063560	123231	0.000000	-0.000001	0.000000
Ground	12	4	0.659	1.518	28063560	28063560	123231	0.000001	-0.000001	-0.000001
Ground	12	5	0.683	1.464	28063560	28063560	123231	0.000007	0.000001	0.000000
Ground	12	6	1.043	0.959	28063560	28063560	123231	0.000001	-0.000006	0.000000
Ground	12	7	1.248	0.801	28063560	28063560	123231	0.000000	0.000001	0.000002
Ground	12	8	1.421	0.704	28063560	28063560	123231	0.000015	0.000001	0.000000
Ground	12	9	1.968	0.508	28063560	28063560	123231	0.000000	0.000002	0.000003
Ground	12	10	2.334	0.429	28063560	28063560	123231	-0.000026	-0.000001	0.000000
Ground	12	11	2.483	0.403	28063560	28063560	123231	-0.000001	0.000019	0.000000
Ground	12	12	2.785	0.359	28063560	28063560	123231	0.000001	0.000003	0.000005
1st	12	1	0.191	5.243	28063560	28063560	123231	0.000010	0.000001	0.000000
1st	12	2	0.205	4.868	28063560	28063560	123231	0.000002	0.000002	0.000001
1st	12	3	0.241	4.144	28063560	28063560	123231	0.000001	-0.000006	0.000000
1st	12	4	0.659	1.518	28063560	28063560	123231	0.000010	-0.000003	-0.000004
1st	12	5	0.683	1.464	28063560	28063560	123231	0.000040	0.000004	0.000001
1st	12	6	1.043	0.959	28063560	28063560	123231	0.000003	-0.000034	0.000000
1st	12	7	1.248	0.801	28063560	28063560	123231	-0.000003	0.000007	0.000009
1st	12	8	1.421	0.704	28063560	28063560	123231	0.000084	0.000006	0.000001
1st	12	9	1.968	0.508	28063560	28063560	123231	-0.000001	0.000013	0.000015
1st	12	10	2.334	0.429	28063560	28063560	123231	-0.000132	-0.000007	-0.000002
1st	12	11	2.483	0.403	28063560	28063560	123231	-0.000003	0.000085	0.000000
1st	12	12	2.785	0.359	28063560	28063560	123231	-0.000001	0.000015	0.000020
2nd	12	1	0.191	5.243	28063560	28063560	123231	0.000015	0.000001	0.000000
2nd	12	2	0.205	4.868	28063560	28063560	123231	0.000002	0.000003	0.000000
2nd	12	3	0.241	4.144	28063560	28063560	123231	0.000001	-0.000010	0.000000
2nd	12	4	0.659	1.518	28063560	28063560	123231	0.000015	-0.000005	0.000000
2nd	12	5	0.683	1.464	28063560	28063560	123231	0.000062	0.000006	0.000000
2nd	12	6	1.043	0.959	28063560	28063560	123231	0.000005	-0.000051	0.000000
2nd	12	7	1.248	0.801	28063560	28063560	123231	-0.000006	0.000010	0.000000
2nd	12	8	1.421	0.704	28063560	28063560	123231	0.000124	0.000009	0.000001
2nd	12	9	1.968	0.508	28063560	28063560	123231	-0.000004	0.000017	-0.000001
2nd	12	10	2.334	0.429	28063560	28063560	123231	-0.000185	-0.000009	-0.000018
2nd	12	11	2.483	0.403	28063560	28063560	123231	-0.000004	0.000123	0.000006
2nd	12	12	2.785	0.359	28063560	28063560	123231	-0.000003	0.000018	0.000044
3rd	12	1	0.191	5.243	28063560	28063560	123231	0.000022	0.000001	0.000000
3rd	12	2	0.205	4.868	28063560	28063560	123231	0.000003	0.000004	0.000000
3rd	12	3	0.241	4.144	28063560	28063560	123231	0.000001	-0.000015	0.000000
3rd	12	4	0.659	1.518	28063560	28063560	123231	0.000022	-0.000006	0.000000
3rd	12	5	0.683	1.464	28063560	28063560	123231	0.000085	0.000008	0.000000
3rd	12	6	1.043	0.959	28063560	28063560	123231	0.000006	-0.000072	0.000000
3rd	12	7	1.248	0.801	28063560	28063560	123231	-0.000008	0.000013	0.000002
3rd	12	8	1.421	0.704	28063560	28063560	123231	0.000164	0.000012	0.000004
3rd	12	9	1.968	0.508	28063560	28063560	123231	-0.000006	0.000021	0.000003
3rd	12	10	2.334	0.429	28063560	28063560	123231	-0.000228	-0.000011	-0.000041
3rd	12	11	2.483	0.403	28063560	28063560	123231	-0.000005	0.000161	0.000049
3rd	12	12	2.785	0.359	28063560	28063560	123231	-0.000006	0.000019	0.000010
4th	12	1	0.191	5.243	28063560	28063560	123231	0.000029	0.000002	0.000000
4th	12	2	0.205	4.868	28063560	28063560	123231	0.000004	0.000005	0.000000
4th	12	3	0.241	4.144	28063560	28063560	123231	0.000002	-0.000020	0.000000
4th	12	4	0.659	1.518	28063560	28063560	123231	0.000029	-0.000008	0.000000
4th	12	5	0.683	1.464	28063560	28063560	123231	0.000109	0.000010	0.000000
4th	12	6	1.043	0.959	28063560	28063560	123231	0.000008	-0.000093	0.000000
4th	12	7	1.248	0.801	28063560	28063560	123231	-0.000011	0.000015	0.000002
4th	12	8	1.421	0.704	28063560	28063560	123231	0.000201	0.000015	-0.000001
4th	12	9	1.968	0.508	28063560	28063560	123231	-0.000008	0.000023	0.000005
4th	12	10	2.334	0.429	28063560	28063560	123231	-0.000258	-0.000012	-0.000011
4th	12	11	2.483	0.403	28063560	28063560	123231	-0.000007	0.000197	0.000025
4th	12	12	2.785	0.359	28063560	28063560	123231	-0.000009	0.000017	0.000011
5th	12	1	0.191	5.243	28063560	28063560	123231	0.000037	0.000002	0.000000
5th	12	2	0.205	4.868	28063560	28063560	123231	0.000005	0.000006	0.000000
5th	12	3	0.241	4.144	28063560	28063560	123231	0.000002	-0.000026	0.000000
5th	12	4	0.659	1.518	28063560	28063560	123231	0.000035	-0.000009	0.000000
5th	12	5	0.683	1.464	28063560	28063560	123231	0.000133	0.000013	0.000000
5th	12	6	1.043	0.959	28063560	28063560	123231	0.000010	-0.000115	0.000001
5th	12	7	1.248	0.801	28063560	28063560	123231	-0.000014	0.000017	0.000000
5th	12	8	1.421	0.704	28063560	28063560	123231	0.000232	0.000017	-0.000002
5th	12	9	1.968	0.508	28063560	28063560	123231	-0.000010	0.000023	0.000007
5th	12	10	2.334	0.429	28063560	28063560	123231	-0.000271	-0.000012	0.000012
5th	12	11	2.483	0.403	28063560	28063560	123231	-0.000009	0.000229	0.000015
5th	12	12	2.785	0.359	28063560	28063560	123231	-0.000010	0.000012	-0.000022

Floor	Case	Mode	Frequency (Hz)	Period (sec)	Total mass UX (kg)	Total mass UY (kg)	Total mass RZ (kgm2)	Eigenvector UX	Eigenvector UY	Eigenvector RZ
6th	12	1	0.191	5.243	28063560	28063560	123231	0.000046	0.000003	0.000000
6th	12	2	0.205	4.868	28063560	28063560	123231	0.000006	0.000008	0.000000
6th	12	3	0.241	4.144	28063560	28063560	123231	0.000003	-0.000033	0.000000
6th	12	4	0.659	1.518	28063560	28063560	123231	0.000042	-0.000011	0.000000
6th	12	5	0.683	1.464	28063560	28063560	123231	0.000157	0.000015	0.000000
6th	12	6	1.043	0.959	28063560	28063560	123231	0.000012	-0.000138	-0.000001
6th	12	7	1.248	0.801	28063560	28063560	123231	-0.000016	0.000018	-0.000002
6th	12	8	1.421	0.704	28063560	28063560	123231	0.000255	0.000019	0.000000
6th	12	9	1.968	0.508	28063560	28063560	123231	-0.000011	0.000022	-0.000003
6th	12	10	2.334	0.429	28063560	28063560	123231	-0.000264	-0.000011	0.000008
6th	12	11	2.483	0.403	28063560	28063560	123231	-0.000010	0.000254	-0.000018
6th	12	12	2.785	0.359	28063560	28063560	123231	-0.000011	0.000005	0.000001
7th	12	1	0.191	5.243	28063560	28063560	123231	0.000055	0.000003	0.000000
7th	12	2	0.205	4.868	28063560	28063560	123231	0.000008	0.000009	0.000000
7th	12	3	0.241	4.144	28063560	28063560	123231	0.000004	-0.000041	0.000000
7th	12	4	0.659	1.518	28063560	28063560	123231	0.000049	-0.000012	0.000000
7th	12	5	0.683	1.464	28063560	28063560	123231	0.000179	0.000017	0.000000
7th	12	6	1.043	0.959	28063560	28063560	123231	0.000013	-0.000160	-0.000001
7th	12	7	1.248	0.801	28063560	28063560	123231	-0.000018	0.000019	-0.000001
7th	12	8	1.421	0.704	28063560	28063560	123231	0.000270	0.000020	0.000000
7th	12	9	1.968	0.508	28063560	28063560	123231	-0.000012	0.000019	0.000002
7th	12	10	2.334	0.429	28063560	28063560	123231	-0.000238	-0.000009	-0.000020
7th	12	11	2.483	0.403	28063560	28063560	123231	-0.000012	0.000272	0.000021
7th	12	12	2.785	0.359	28063560	28063560	123231	-0.000010	-0.000003	0.000061
8th	12	1	0.191	5.243	28063560	28063560	123231	0.000064	0.000004	0.000000
8th	12	2	0.205	4.868	28063560	28063560	123231	0.000009	0.000011	0.000000
8th	12	3	0.241	4.144	28063560	28063560	123231	0.000004	-0.000049	0.000000
8th	12	4	0.659	1.518	28063560	28063560	123231	0.000054	-0.000013	0.000000
8th	12	5	0.683	1.464	28063560	28063560	123231	0.000199	0.000019	0.000000
8th	12	6	1.043	0.959	28063560	28063560	123231	0.000015	-0.000182	0.000000
8th	12	7	1.248	0.801	28063560	28063560	123231	-0.000019	0.000018	-0.000001
8th	12	8	1.421	0.704	28063560	28063560	123231	0.000275	0.000021	0.000002
8th	12	9	1.968	0.508	28063560	28063560	123231	-0.000012	0.000015	0.000004
8th	12	10	2.334	0.429	28063560	28063560	123231	-0.000194	-0.000006	0.000010
8th	12	11	2.483	0.403	28063560	28063560	123231	-0.000014	0.000280	-0.000033
8th	12	12	2.785	0.359	28063560	28063560	123231	-0.000008	-0.000011	-0.000020
9th	12	1	0.191	5.243	28063560	28063560	123231	0.000074	0.000004	0.000000
9th	12	2	0.205	4.868	28063560	28063560	123231	0.000010	0.000013	0.000000
9th	12	3	0.241	4.144	28063560	28063560	123231	0.000005	-0.000057	0.000000
9th	12	4	0.659	1.518	28063560	28063560	123231	0.000060	-0.000014	0.000000
9th	12	5	0.683	1.464	28063560	28063560	123231	0.000217	0.000020	0.000000
9th	12	6	1.043	0.959	28063560	28063560	123231	0.000016	-0.000202	0.000000
9th	12	7	1.248	0.801	28063560	28063560	123231	-0.000019	0.000018	0.000003
9th	12	8	1.421	0.704	28063560	28063560	123231	0.000269	0.000020	0.000001
9th	12	9	1.968	0.508	28063560	28063560	123231	-0.000011	0.000010	-0.000005
9th	12	10	2.334	0.429	28063560	28063560	123231	-0.000134	-0.000002	0.000006
9th	12	11	2.483	0.403	28063560	28063560	123231	-0.000015	0.000279	-0.000007
9th	12	12	2.785	0.359	28063560	28063560	123231	-0.000006	-0.000019	-0.000007
10th	12	1	0.191	5.243	28063560	28063560	123231	0.000084	0.000005	0.000000
10th	12	2	0.205	4.868	28063560	28063560	123231	0.000011	0.000014	0.000000
10th	12	3	0.241	4.144	28063560	28063560	123231	0.000006	-0.000066	0.000000
10th	12	4	0.659	1.518	28063560	28063560	123231	0.000064	-0.000015	0.000000
10th	12	5	0.683	1.464	28063560	28063560	123231	0.000232	0.000022	0.000000
10th	12	6	1.043	0.959	28063560	28063560	123231	0.000017	-0.000220	0.000000
10th	12	7	1.248	0.801	28063560	28063560	123231	-0.000019	0.000016	0.000000
10th	12	8	1.421	0.704	28063560	28063560	123231	0.000253	0.000019	0.000001
10th	12	9	1.968	0.508	28063560	28063560	123231	-0.000009	0.000004	0.000008
10th	12	10	2.334	0.429	28063560	28063560	123231	-0.000064	0.000003	-0.000011
10th	12	11	2.483	0.403	28063560	28063560	123231	-0.000016	0.000269	-0.000023
10th	12	12	2.785	0.359	28063560	28063560	123231	-0.000003	-0.000026	-0.000015
11th	12	1	0.191	5.243	28063560	28063560	123231	0.000094	0.000005	0.000000
11th	12	2	0.205	4.868	28063560	28063560	123231	0.000012	0.000016	0.000000
11th	12	3	0.241	4.144	28063560	28063560	123231	0.000007	-0.000075	0.000000
11th	12	4	0.659	1.518	28063560	28063560	123231	0.000068	-0.000015	0.000000
11th	12	5	0.683	1.464	28063560	28063560	123231	0.000244	0.000023	0.000000
11th	12	6	1.043	0.959	28063560	28063560	123231	0.000018	-0.000235	0.000000
11th	12	7	1.248	0.801	28063560	28063560	123231	-0.000018	0.000014	0.000001
11th	12	8	1.421	0.704	28063560	28063560	123231	0.000227	0.000017	0.000000
11th	12	9	1.968	0.508	28063560	28063560	123231	-0.000007	-0.000002	0.000001
11th	12	10	2.334	0.429	28063560	28063560	123231	0.000011	0.000007	-0.000004
11th	12	11	2.483	0.403	28063560	28063560	123231	-0.000017	0.000248	-0.000013
11th	12	12	2.785	0.359	28063560	28063560	123231	0.000001	-0.000029	0.000011
12th	12	1	0.191	5.243	28063560	28063560	123231	0.000104	0.000006	0.000000
12th	12	2	0.205	4.868	28063560	28063560	123231	0.000013	0.000018	0.000000
12th	12	3	0.241	4.144	28063560	28063560	123231	0.000007	-0.000085	0.000000
12th	12	4	0.659	1.518	28063560	28063560	123231	0.000071	-0.000016	0.000000
12th	12	5	0.683	1.464	28063560	28063560	123231	0.000253	0.000024	0.000000
12th	12	6	1.043	0.959	28063560	28063560	123231	0.000019	-0.000248	0.000000
12th	12	7	1.248	0.801	28063560	28063560	123231	-0.000016	0.000011	0.000000
12th	12	8	1.421	0.704	28063560	28063560	123231	0.000191	0.000015	-0.000001
12th	12	9	1.968	0.508	28063560	28063560	123231	-0.000004	-0.000008	-0.000005
12th	12	10	2.334	0.429	28063560	28063560	123231	0.000085	0.000011	0.000016
12th	12	11	2.483	0.403	28063560	28063560	123231	-0.000017	0.000219	0.000005
12th	12	12	2.785	0.359	28063560	28063560	123231	0.000004	-0.000030	0.000006

Floor	Case	Mode	Frequency (Hz)	Period (sec)	Total mass UX (kg)	Total mass UY (kg)	Total mass RZ (kgm2)	Eigenvector UX	Eigenvector UY	Eigenvector RZ
13th	12	1	0.191	5.243	28063560	28063560	123231	0.000114	0.000006	0.000000
13th	12	2	0.205	4.868	28063560	28063560	123231	0.000015	0.000020	0.000000
13th	12	3	0.241	4.144	28063560	28063560	123231	0.000008	-0.000095	0.000000
13th	12	4	0.659	1.518	28063560	28063560	123231	0.000073	-0.000016	0.000000
13th	12	5	0.683	1.464	28063560	28063560	123231	0.000258	0.000024	0.000000
13th	12	6	1.043	0.959	28063560	28063560	123231	0.000019	-0.000258	0.000000
13th	12	7	1.248	0.801	28063560	28063560	123231	-0.000014	0.000008	0.000000
13th	12	8	1.421	0.704	28063560	28063560	123231	0.000149	0.000012	-0.000001
13th	12	9	1.968	0.508	28063560	28063560	123231	-0.000001	-0.000014	-0.000002
13th	12	10	2.334	0.429	28063560	28063560	123231	0.000152	0.000015	0.000012
13th	12	11	2.483	0.403	28063560	28063560	123231	-0.000016	0.000182	-0.000017
13th	12	12	2.785	0.359	28063560	28063560	123231	0.000006	-0.000027	-0.000006
14th	12	1	0.191	5.243	28063560	28063560	123231	0.000125	0.000007	0.000000
14th	12	2	0.205	4.868	28063560	28063560	123231	0.000016	0.000022	0.000000
14th	12	3	0.241	4.144	28063560	28063560	123231	0.000009	-0.000105	0.000000
14th	12	4	0.659	1.518	28063560	28063560	123231	0.000074	-0.000016	0.000000
14th	12	5	0.683	1.464	28063560	28063560	123231	0.000260	0.000024	0.000000
14th	12	6	1.043	0.959	28063560	28063560	123231	0.000019	-0.000265	0.000000
14th	12	7	1.248	0.801	28063560	28063560	123231	-0.000011	0.000004	-0.000001
14th	12	8	1.421	0.704	28063560	28063560	123231	0.000100	0.000008	0.000001
14th	12	9	1.968	0.508	28063560	28063560	123231	0.000002	-0.000018	0.000001
14th	12	10	2.334	0.429	28063560	28063560	123231	0.000208	0.000017	-0.000013
14th	12	11	2.483	0.403	28063560	28063560	123231	-0.000014	0.000138	-0.000002
14th	12	12	2.785	0.359	28063560	28063560	123231	0.000008	-0.000022	-0.000015
15th	12	1	0.191	5.243	28063560	28063560	123231	0.000135	0.000008	0.000000
15th	12	2	0.205	4.868	28063560	28063560	123231	0.000017	0.000024	0.000000
15th	12	3	0.241	4.144	28063560	28063560	123231	0.000010	-0.000116	0.000000
15th	12	4	0.659	1.518	28063560	28063560	123231	0.000073	-0.000016	0.000000
15th	12	5	0.683	1.464	28063560	28063560	123231	0.000258	0.000024	0.000000
15th	12	6	1.043	0.959	28063560	28063560	123231	0.000019	-0.000268	0.000000
15th	12	7	1.248	0.801	28063560	28063560	123231	-0.000008	0.000001	0.000000
15th	12	8	1.421	0.704	28063560	28063560	123231	0.000047	0.000005	0.000002
15th	12	9	1.968	0.508	28063560	28063560	123231	0.000004	-0.000021	0.000000
15th	12	10	2.334	0.429	28063560	28063560	123231	0.000247	0.000018	-0.000003
15th	12	11	2.483	0.403	28063560	28063560	123231	-0.000011	0.000090	0.000017
15th	12	12	2.785	0.359	28063560	28063560	123231	0.000009	-0.000014	-0.000022
16th	12	1	0.191	5.243	28063560	28063560	123231	0.000145	0.000008	0.000000
16th	12	2	0.205	4.868	28063560	28063560	123231	0.000018	0.000026	0.000000
16th	12	3	0.241	4.144	28063560	28063560	123231	0.000011	-0.000127	0.000000
16th	12	4	0.659	1.518	28063560	28063560	123231	0.000072	-0.000015	0.000000
16th	12	5	0.683	1.464	28063560	28063560	123231	0.000252	0.000024	0.000000
16th	12	6	1.043	0.959	28063560	28063560	123231	0.000019	-0.000267	0.000000
16th	12	7	1.248	0.801	28063560	28063560	123231	-0.000004	-0.000003	0.000001
16th	12	8	1.421	0.704	28063560	28063560	123231	-0.000007	0.000001	0.000000
16th	12	9	1.968	0.508	28063560	28063560	123231	0.000006	-0.000022	-0.000001
16th	12	10	2.334	0.429	28063560	28063560	123231	0.000266	0.000018	-0.000004
16th	12	11	2.483	0.403	28063560	28063560	123231	-0.000008	0.000039	0.000003
16th	12	12	2.785	0.359	28063560	28063560	123231	0.000009	-0.000005	-0.000006
17th	12	1	0.191	5.243	28063560	28063560	123231	0.000156	0.000009	0.000000
17th	12	2	0.205	4.868	28063560	28063560	123231	0.000020	0.000028	0.000000
17th	12	3	0.241	4.144	28063560	28063560	123231	0.000012	-0.000138	0.000000
17th	12	4	0.659	1.518	28063560	28063560	123231	0.000069	-0.000015	0.000000
17th	12	5	0.683	1.464	28063560	28063560	123231	0.000242	0.000023	0.000000
17th	12	6	1.043	0.959	28063560	28063560	123231	0.000018	-0.000263	0.000001
17th	12	7	1.248	0.801	28063560	28063560	123231	0.000000	-0.000006	0.000001
17th	12	8	1.421	0.704	28063560	28063560	123231	-0.000061	-0.000003	0.000002
17th	12	9	1.968	0.508	28063560	28063560	123231	0.000008	-0.000022	0.000000
17th	12	10	2.334	0.429	28063560	28063560	123231	0.000265	0.000017	-0.000007
17th	12	11	2.483	0.403	28063560	28063560	123231	-0.000005	-0.000014	0.000016
17th	12	12	2.785	0.359	28063560	28063560	123231	0.000008	0.000005	-0.000015
18th	12	1	0.191	5.243	28063560	28063560	123231	0.000166	0.000009	0.000000
18th	12	2	0.205	4.868	28063560	28063560	123231	0.000021	0.000030	0.000000
18th	12	3	0.241	4.144	28063560	28063560	123231	0.000012	-0.000149	0.000000
18th	12	4	0.659	1.518	28063560	28063560	123231	0.000066	-0.000014	0.000000
18th	12	5	0.683	1.464	28063560	28063560	123231	0.000229	0.000022	0.000000
18th	12	6	1.043	0.959	28063560	28063560	123231	0.000017	-0.000254	0.000000
18th	12	7	1.248	0.801	28063560	28063560	123231	0.000003	-0.000009	0.000002
18th	12	8	1.421	0.704	28063560	28063560	123231	-0.000112	-0.000007	0.000000
18th	12	9	1.968	0.508	28063560	28063560	123231	0.000008	-0.000020	0.000002
18th	12	10	2.334	0.429	28063560	28063560	123231	0.000241	0.000014	-0.000007
18th	12	11	2.483	0.403	28063560	28063560	123231	-0.000001	-0.000065	0.000020
18th	12	12	2.785	0.359	28063560	28063560	123231	0.000006	0.000014	-0.000023
19th	12	1	0.191	5.243	28063560	28063560	123231	0.000177	0.000010	0.000000
19th	12	2	0.205	4.868	28063560	28063560	123231	0.000022	0.000032	0.000000
19th	12	3	0.241	4.144	28063560	28063560	123231	0.000013	-0.000160	0.000000
19th	12	4	0.659	1.518	28063560	28063560	123231	0.000061	-0.000013	0.000000
19th	12	5	0.683	1.464	28063560	28063560	123231	0.000212	0.000020	0.000000
19th	12	6	1.043	0.959	28063560	28063560	123231	0.000016	-0.000242	0.000000
19th	12	7	1.248	0.801	28063560	28063560	123231	0.000007	-0.000012	0.000000
19th	12	8	1.421	0.704	28063560	28063560	123231	-0.000158	-0.000010	0.000000
19th	12	9	1.968	0.508	28063560	28063560	123231	0.000009	-0.000017	0.000000
19th	12	10	2.334	0.429	28063560	28063560	123231	0.000199	0.000010	0.000008
19th	12	11	2.483	0.403	28063560	28063560	123231	0.000004	-0.000114	0.000018
19th	12	12	2.785	0.359	28063560	28063560	123231	0.000004	0.000021	0.000000

Floor	Case	Mode	Frequency (Hz)	Period (sec)	Total mass UX (kg)	Total mass UY (kg)	Total mass RZ (kgm2)	Eigenvector UX	Eigenvector UY	Eigenvector RZ
20th	12	1	0.191	5.243	28063560	28063560	123231	0.000187	0.000011	0.000000
20th	12	2	0.205	4.868	28063560	28063560	123231	0.000023	0.000034	0.000000
20th	12	3	0.241	4.144	28063560	28063560	123231	0.000014	-0.000171	0.000000
20th	12	4	0.659	1.518	28063560	28063560	123231	0.000055	-0.000012	0.000000
20th	12	5	0.683	1.464	28063560	28063560	123231	0.000192	0.000018	0.000000
20th	12	6	1.043	0.959	28063560	28063560	123231	0.000015	-0.000226	-0.000001
20th	12	7	1.248	0.801	28063560	28063560	123231	0.000010	-0.000014	0.000000
20th	12	8	1.421	0.704	28063560	28063560	123231	-0.000198	-0.000013	-0.000001
20th	12	9	1.968	0.508	28063560	28063560	123231	0.000008	-0.000012	0.000000
20th	12	10	2.334	0.429	28063560	28063560	123231	0.000140	0.000005	0.000017
20th	12	11	2.483	0.403	28063560	28063560	123231	0.000008	-0.000157	-0.000004
20th	12	12	2.785	0.359	28063560	28063560	123231	0.000002	0.000026	0.000015
21st	12	1	0.191	5.243	28063560	28063560	123231	0.000197	0.000011	0.000000
21st	12	2	0.205	4.868	28063560	28063560	123231	0.000025	0.000036	0.000000
21st	12	3	0.241	4.144	28063560	28063560	123231	0.000015	-0.000183	0.000000
21st	12	4	0.659	1.518	28063560	28063560	123231	0.000049	-0.000011	0.000000
21st	12	5	0.683	1.464	28063560	28063560	123231	0.000168	0.000016	0.000000
21st	12	6	1.043	0.959	28063560	28063560	123231	0.000013	-0.000207	0.000000
21st	12	7	1.248	0.801	28063560	28063560	123231	0.000012	-0.000016	0.000000
21st	12	8	1.421	0.704	28063560	28063560	123231	-0.000229	-0.000015	0.000004
21st	12	9	1.968	0.508	28063560	28063560	123231	0.000007	-0.000007	-0.000002
21st	12	10	2.334	0.429	28063560	28063560	123231	0.000070	0.000000	0.000011
21st	12	11	2.483	0.403	28063560	28063560	123231	0.000012	-0.000194	-0.000017
21st	12	12	2.785	0.359	28063560	28063560	123231	-0.000001	0.000028	-0.000007
22nd	12	1	0.191	5.243	28063560	28063560	123231	0.000207	0.000012	0.000000
22nd	12	2	0.205	4.868	28063560	28063560	123231	0.000026	0.000038	0.000000
22nd	12	3	0.241	4.144	28063560	28063560	123231	0.000016	-0.000194	0.000000
22nd	12	4	0.659	1.518	28063560	28063560	123231	0.000041	-0.000009	0.000000
22nd	12	5	0.683	1.464	28063560	28063560	123231	0.000142	0.000014	0.000000
22nd	12	6	1.043	0.959	28063560	28063560	123231	0.000012	-0.000184	0.000000
22nd	12	7	1.248	0.801	28063560	28063560	123231	0.000014	-0.000017	-0.000001
22nd	12	8	1.421	0.704	28063560	28063560	123231	-0.000250	-0.000017	-0.000003
22nd	12	9	1.968	0.508	28063560	28063560	123231	0.000005	-0.000002	0.000005
22nd	12	10	2.334	0.429	28063560	28063560	123231	-0.000006	-0.000006	-0.000008
22nd	12	11	2.483	0.403	28063560	28063560	123231	0.000015	-0.000222	0.000003
22nd	12	12	2.785	0.359	28063560	28063560	123231	-0.000003	0.000027	0.000005
23rd	12	1	0.191	5.243	28063560	28063560	123231	0.000217	0.000012	0.000000
23rd	12	2	0.205	4.868	28063560	28063560	123231	0.000027	0.000040	0.000000
23rd	12	3	0.241	4.144	28063560	28063560	123231	0.000017	-0.000205	0.000000
23rd	12	4	0.659	1.518	28063560	28063560	123231	0.000033	-0.000008	0.000000
23rd	12	5	0.683	1.464	28063560	28063560	123231	0.000114	0.000011	0.000000
23rd	12	6	1.043	0.959	28063560	28063560	123231	0.000010	-0.000158	0.000000
23rd	12	7	1.248	0.801	28063560	28063560	123231	0.000015	-0.000018	0.000000
23rd	12	8	1.421	0.704	28063560	28063560	123231	-0.000261	-0.000018	0.000001
23rd	12	9	1.968	0.508	28063560	28063560	123231	0.000003	0.000004	0.000000
23rd	12	10	2.334	0.429	28063560	28063560	123231	-0.000081	-0.000011	-0.000009
23rd	12	11	2.483	0.403	28063560	28063560	123231	0.000018	-0.000241	0.000004
23rd	12	12	2.785	0.359	28063560	28063560	123231	-0.000005	0.000022	-0.000005
24th	12	1	0.191	5.243	28063560	28063560	123231	0.000226	0.000013	0.000000
24th	12	2	0.205	4.868	28063560	28063560	123231	0.000028	0.000042	0.000000
24th	12	3	0.241	4.144	28063560	28063560	123231	0.000018	-0.000217	0.000000
24th	12	4	0.659	1.518	28063560	28063560	123231	0.000025	-0.000006	0.000000
24th	12	5	0.683	1.464	28063560	28063560	123231	0.000084	0.000008	0.000000
24th	12	6	1.043	0.959	28063560	28063560	123231	0.000008	-0.000129	0.000001
24th	12	7	1.248	0.801	28063560	28063560	123231	0.000016	-0.000017	0.000000
24th	12	8	1.421	0.704	28063560	28063560	123231	-0.000260	-0.000018	0.000002
24th	12	9	1.968	0.508	28063560	28063560	123231	0.000001	0.000009	0.000002
24th	12	10	2.334	0.429	28063560	28063560	123231	-0.000150	-0.000016	0.000002
24th	12	11	2.483	0.403	28063560	28063560	123231	0.000020	-0.000250	-0.000008
24th	12	12	2.785	0.359	28063560	28063560	123231	-0.000006	0.000016	-0.000006
25th	12	1	0.191	5.243	28063560	28063560	123231	0.000236	0.000013	0.000000
25th	12	2	0.205	4.868	28063560	28063560	123231	0.000030	0.000044	0.000000
25th	12	3	0.241	4.144	28063560	28063560	123231	0.000019	-0.000228	0.000000
25th	12	4	0.659	1.518	28063560	28063560	123231	0.000016	-0.000004	0.000000
25th	12	5	0.683	1.464	28063560	28063560	123231	0.000051	0.000005	0.000000
25th	12	6	1.043	0.959	28063560	28063560	123231	0.000005	-0.000097	0.000000
25th	12	7	1.248	0.801	28063560	28063560	123231	0.000016	-0.000016	0.000000
25th	12	8	1.421	0.704	28063560	28063560	123231	-0.000248	-0.000017	0.000000
25th	12	9	1.968	0.508	28063560	28063560	123231	-0.000001	0.000013	0.000000
25th	12	10	2.334	0.429	28063560	28063560	123231	-0.000207	-0.000019	0.000002
25th	12	11	2.483	0.403	28063560	28063560	123231	0.000021	-0.000247	0.000003
25th	12	12	2.785	0.359	28063560	28063560	123231	-0.000007	0.000008	-0.000001
26th	12	1	0.191	5.243	28063560	28063560	123231	0.000245	0.000014	0.000000
26th	12	2	0.205	4.868	28063560	28063560	123231	0.000031	0.000046	0.000000
26th	12	3	0.241	4.144	28063560	28063560	123231	0.000020	-0.000239	0.000000
26th	12	4	0.659	1.518	28063560	28063560	123231	0.000006	-0.000002	0.000000
26th	12	5	0.683	1.464	28063560	28063560	123231	0.000018	0.000002	0.000000
26th	12	6	1.043	0.959	28063560	28063560	123231	0.000003	-0.000063	0.000000
26th	12	7	1.248	0.801	28063560	28063560	123231	0.000015	-0.000014	0.000000
26th	12	8	1.421	0.704	28063560	28063560	123231	-0.000225	-0.000016	0.000000
26th	12	9	1.968	0.508	28063560	28063560	123231	-0.000003	0.000015	0.000001
26th	12	10	2.334	0.429	28063560	28063560	123231	-0.000247	-0.000022	-0.000001
26th	12	11	2.483	0.403	28063560	28063560	123231	0.000021	-0.000234	0.000002
26th	12	12	2.785	0.359	28063560	28063560	123231	-0.000007	0.000000	-0.000003

Floor	Case	Mode	Frequency (Hz)	Period (sec)	Total mass UX (kg)	Total mass UY (kg)	Total mass RZ (kgm2)	Eigenvector UX	Eigenvector UY	Eigenvector RZ
27th	12	1	0.191	5.243	28063560	28063560	123231	0.000254	0.000014	0.000000
27th	12	2	0.205	4.868	28063560	28063560	123231	0.000032	0.000048	0.000000
27th	12	3	0.241	4.144	28063560	28063560	123231	0.000020	-0.000250	0.000000
27th	12	4	0.659	1.518	28063560	28063560	123231	-0.000004	0.000000	0.000000
27th	12	5	0.683	1.464	28063560	28063560	123231	-0.000016	-0.000001	0.000000
27th	12	6	1.043	0.959	28063560	28063560	123231	0.000001	-0.000027	0.000000
27th	12	7	1.248	0.801	28063560	28063560	123231	0.000013	-0.000012	0.000000
27th	12	8	1.421	0.704	28063560	28063560	123231	-0.000191	-0.000013	0.000000
27th	12	9	1.968	0.508	28063560	28063560	123231	-0.000004	0.000017	0.000001
27th	12	10	2.334	0.429	28063560	28063560	123231	-0.000266	-0.000022	0.000000
27th	12	11	2.483	0.403	28063560	28063560	123231	0.000020	-0.000210	0.000001
27th	12	12	2.785	0.359	28063560	28063560	123231	-0.000006	-0.000008	-0.000004
28th	12	1	0.191	5.243	28063560	28063560	123231	0.000263	0.000015	0.000000
28th	12	2	0.205	4.868	28063560	28063560	123231	0.000033	0.000049	0.000000
28th	12	3	0.241	4.144	28063560	28063560	123231	0.000021	-0.000261	0.000000
28th	12	4	0.659	1.518	28063560	28063560	123231	-0.000014	0.000002	0.000000
28th	12	5	0.683	1.464	28063560	28063560	123231	-0.000051	-0.000004	0.000000
28th	12	6	1.043	0.959	28063560	28063560	123231	-0.000002	0.000010	0.000000
28th	12	7	1.248	0.801	28063560	28063560	123231	0.000011	-0.000009	0.000000
28th	12	8	1.421	0.704	28063560	28063560	123231	-0.000149	-0.000011	0.000000
28th	12	9	1.968	0.508	28063560	28063560	123231	-0.000005	0.000017	0.000001
28th	12	10	2.334	0.429	28063560	28063560	123231	-0.000262	-0.000021	0.000001
28th	12	11	2.483	0.403	28063560	28063560	123231	0.000018	-0.000176	0.000002
28th	12	12	2.785	0.359	28063560	28063560	123231	-0.000005	-0.000013	-0.000003
29th	12	1	0.191	5.243	28063560	28063560	123231	0.000271	0.000015	0.000000
29th	12	2	0.205	4.868	28063560	28063560	123231	0.000034	0.000051	0.000000
29th	12	3	0.241	4.144	28063560	28063560	123231	0.000022	-0.000272	0.000000
29th	12	4	0.659	1.518	28063560	28063560	123231	-0.000024	0.000004	0.000000
29th	12	5	0.683	1.464	28063560	28063560	123231	-0.000086	-0.000007	0.000000
29th	12	6	1.043	0.959	28063560	28063560	123231	-0.000004	0.000049	0.000000
29th	12	7	1.248	0.801	28063560	28063560	123231	0.000008	-0.000006	0.000000
29th	12	8	1.421	0.704	28063560	28063560	123231	-0.000099	-0.000007	0.000000
29th	12	9	1.968	0.508	28063560	28063560	123231	-0.000005	0.000015	0.000001
29th	12	10	2.334	0.429	28063560	28063560	123231	-0.000237	-0.000018	0.000001
29th	12	11	2.483	0.403	28063560	28063560	123231	0.000014	-0.000133	-0.000001
29th	12	12	2.785	0.359	28063560	28063560	123231	-0.000003	-0.000017	-0.000002
30th	12	1	0.191	5.243	28063560	28063560	123231	0.000279	0.000016	0.000000
30th	12	2	0.205	4.868	28063560	28063560	123231	0.000035	0.000053	0.000000
30th	12	3	0.241	4.144	28063560	28063560	123231	0.000023	-0.000283	0.000000
30th	12	4	0.659	1.518	28063560	28063560	123231	-0.000033	0.000005	0.000000
30th	12	5	0.683	1.464	28063560	28063560	123231	-0.000121	-0.000011	0.000000
30th	12	6	1.043	0.959	28063560	28063560	123231	-0.000007	0.000089	0.000000
30th	12	7	1.248	0.801	28063560	28063560	123231	0.000005	-0.000002	0.000000
30th	12	8	1.421	0.704	28063560	28063560	123231	-0.000043	-0.000004	0.000000
30th	12	9	1.968	0.508	28063560	28063560	123231	-0.000005	0.000013	0.000000
30th	12	10	2.334	0.429	28063560	28063560	123231	-0.000191	-0.000014	0.000004
30th	12	11	2.483	0.403	28063560	28063560	123231	0.000010	-0.000083	0.000000
30th	12	12	2.785	0.359	28063560	28063560	123231	-0.000002	-0.000018	-0.000002
31st	12	1	0.191	5.243	28063560	28063560	123231	0.000288	0.000016	0.000000
31st	12	2	0.205	4.868	28063560	28063560	123231	0.000037	0.000055	0.000000
31st	12	3	0.241	4.144	28063560	28063560	123231	0.000024	-0.000295	0.000000
31st	12	4	0.659	1.518	28063560	28063560	123231	-0.000044	0.000007	0.000000
31st	12	5	0.683	1.464	28063560	28063560	123231	-0.000158	-0.000014	0.000000
31st	12	6	1.043	0.959	28063560	28063560	123231	-0.000010	0.000134	0.000000
31st	12	7	1.248	0.801	28063560	28063560	123231	0.000001	0.000002	-0.000001
31st	12	8	1.421	0.704	28063560	28063560	123231	0.000022	0.000001	0.000000
31st	12	9	1.968	0.508	28063560	28063560	123231	-0.000004	0.000008	0.000001
31st	12	10	2.334	0.429	28063560	28063560	123231	-0.000120	-0.000008	0.000000
31st	12	11	2.483	0.403	28063560	28063560	123231	0.000004	-0.000020	0.000000
31st	12	12	2.785	0.359	28063560	28063560	123231	0.000000	-0.000016	0.000000
32nd	12	1	0.191	5.243	28063560	28063560	123231	0.000296	0.000017	0.000000
32nd	12	2	0.205	4.868	28063560	28063560	123231	0.000038	0.000057	0.000000
32nd	12	3	0.241	4.144	28063560	28063560	123231	0.000025	-0.000307	0.000000
32nd	12	4	0.659	1.518	28063560	28063560	123231	-0.000054	0.000009	0.000000
32nd	12	5	0.683	1.464	28063560	28063560	123231	-0.000194	-0.000017	0.000000
32nd	12	6	1.043	0.959	28063560	28063560	123231	-0.000013	0.000179	0.000000
32nd	12	7	1.248	0.801	28063560	28063560	123231	-0.000004	0.000006	0.000000
32nd	12	8	1.421	0.704	28063560	28063560	123231	0.000088	0.000005	0.000001
32nd	12	9	1.968	0.508	28063560	28063560	123231	-0.000003	0.000004	-0.000001
32nd	12	10	2.334	0.429	28063560	28063560	123231	-0.000036	-0.000001	0.000009
32nd	12	11	2.483	0.403	28063560	28063560	123231	-0.000003	0.000049	-0.000003
32nd	12	12	2.785	0.359	28063560	28063560	123231	0.000001	-0.000012	-0.000001
33rd	12	1	0.191	5.243	28063560	28063560	123231	0.000304	0.000017	0.000000
33rd	12	2	0.205	4.868	28063560	28063560	123231	0.000039	0.000059	0.000000
33rd	12	3	0.241	4.144	28063560	28063560	123231	0.000026	-0.000318	0.000000
33rd	12	4	0.659	1.518	28063560	28063560	123231	-0.000064	0.000011	0.000000
33rd	12	5	0.683	1.464	28063560	28063560	123231	-0.000228	-0.000021	0.000000
33rd	12	6	1.043	0.959	28063560	28063560	123231	-0.000015	0.000224	0.000000
33rd	12	7	1.248	0.801	28063560	28063560	123231	-0.000008	0.000010	0.000000
33rd	12	8	1.421	0.704	28063560	28063560	123231	0.000153	0.000010	0.000000
33rd	12	9	1.968	0.508	28063560	28063560	123231	-0.000001	-0.000002	-0.000001
33rd	12	10	2.334	0.429	28063560	28063560	123231	0.000056	0.000006	0.000007
33rd	12	11	2.483	0.403	28063560	28063560	123231	-0.000010	0.000120	-0.000002
33rd	12	12	2.785	0.359	28063560	28063560	123231	0.000003	-0.000006	-0.000001

Floor	Case	Mode	Frequency (Hz)	Period (sec)	Total mass UX (kg)	Total mass UY (kg)	Total mass RZ (kgm2)	Eigenvector UX	Eigenvector UY	Eigenvector RZ
34th	12	1	0.191	5.243	28063560	28063560	123231	0.000312	0.000018	0.000000
34th	12	2	0.205	4.868	28063560	28063560	123231	0.000040	0.000061	0.000000
34th	12	3	0.241	4.144	28063560	28063560	123231	0.000027	-0.000330	0.000000
34th	12	4	0.659	1.518	28063560	28063560	123231	-0.000073	0.000013	0.000000
34th	12	5	0.683	1.464	28063560	28063560	123231	-0.000260	-0.000024	0.000000
34th	12	6	1.043	0.959	28063560	28063560	123231	-0.000018	0.000269	0.000000
34th	12	7	1.248	0.801	28063560	28063560	123231	-0.000012	0.000013	0.000000
34th	12	8	1.421	0.704	28063560	28063560	123231	0.000214	0.000014	0.000000
34th	12	9	1.968	0.508	28063560	28063560	123231	0.000001	-0.000006	0.000000
34th	12	10	2.334	0.429	28063560	28063560	123231	0.000148	0.000014	0.000001
34th	12	11	2.483	0.403	28063560	28063560	123231	-0.000017	0.000193	0.000002
34th	12	12	2.785	0.359	28063560	28063560	123231	0.000004	0.000001	-0.000001
35th	12	1	0.191	5.243	28063560	28063560	123231	0.000320	0.000018	0.000000
35th	12	2	0.205	4.868	28063560	28063560	123231	0.000041	0.000062	0.000000
35th	12	3	0.241	4.144	28063560	28063560	123231	0.000028	-0.000341	0.000000
35th	12	4	0.659	1.518	28063560	28063560	123231	-0.000081	0.000015	0.000000
35th	12	5	0.683	1.464	28063560	28063560	123231	-0.000289	-0.000026	0.000000
35th	12	6	1.043	0.959	28063560	28063560	123231	-0.000021	0.000313	0.000000
35th	12	7	1.248	0.801	28063560	28063560	123231	-0.000016	0.000017	0.000000
35th	12	8	1.421	0.704	28063560	28063560	123231	0.000269	0.000018	0.000000
35th	12	9	1.968	0.508	28063560	28063560	123231	0.000002	-0.000011	0.000000
35th	12	10	2.334	0.429	28063560	28063560	123231	0.000233	0.000021	0.000001
35th	12	11	2.483	0.403	28063560	28063560	123231	-0.000023	0.000263	0.000001
35th	12	12	2.785	0.359	28063560	28063560	123231	0.000004	0.000006	0.000000
36th	12	1	0.191	5.243	28063560	28063560	123231	0.000327	0.000019	0.000000
36th	12	2	0.205	4.868	28063560	28063560	123231	0.000042	0.000064	0.000000
36th	12	3	0.241	4.144	28063560	28063560	123231	0.000029	-0.000353	0.000000
36th	12	4	0.659	1.518	28063560	28063560	123231	-0.000089	0.000016	0.000000
36th	12	5	0.683	1.464	28063560	28063560	123231	-0.000319	-0.000029	0.000000
36th	12	6	1.043	0.959	28063560	28063560	123231	-0.000024	0.000359	0.000000
36th	12	7	1.248	0.801	28063560	28063560	123231	-0.000019	0.000020	0.000000
36th	12	8	1.421	0.704	28063560	28063560	123231	0.000324	0.000022	0.000001
36th	12	9	1.968	0.508	28063560	28063560	123231	0.000004	-0.000015	0.000000
36th	12	10	2.334	0.429	28063560	28063560	123231	0.000317	0.000029	-0.000004
36th	12	11	2.483	0.403	28063560	28063560	123231	-0.000029	0.000336	0.000004
36th	12	12	2.785	0.359	28063560	28063560	123231	0.000005	0.000012	-0.000003