

Sheet1

Dx = 1000
Dy = 1000

Dx = 1000
Dy = 500

Dx = 500
Dy = 1000

θ(度)	θ(Rad)	Dx'	Dy'	D
0	0	1000	0	1000
5	0.09	996.19	87.16	1083.35
10	0.17	984.81	173.65	1158.46
15	0.26	965.93	258.82	1224.74
20	0.35	939.69	342.02	1281.71
25	0.44	906.31	422.62	1328.93
30	0.52	866.03	500	1366.03
35	0.61	819.15	573.58	1392.73
40	0.7	766.04	642.79	1408.83
45	0.79	707.11	707.11	1414.21
50	0.87	642.79	766.04	1408.83
55	0.96	573.58	819.15	1392.73
60	1.05	500	866.03	1366.03
65	1.13	422.62	906.31	1328.93
70	1.22	342.02	939.69	1281.71
75	1.31	258.82	965.93	1224.74
80	1.4	173.65	984.81	1158.46
85	1.48	87.16	996.19	1083.35
90	1.57	0	1000	1000

θ(度)	θ(Rad)	Dx'	Dy'	D
0	0	1000	0	1000
5	0.09	996.19	43.58	1039.77
10	0.17	984.81	86.82	1071.63
15	0.26	965.93	129.41	1095.34
20	0.35	939.69	171.01	1110.7
25	0.44	906.31	211.31	1117.62
30	0.52	866.03	250	1116.03
35	0.61	819.15	286.79	1105.94
40	0.7	766.04	321.39	1087.44
45	0.79	707.11	353.55	1060.66
50	0.87	642.79	383.02	1025.81
55	0.96	573.58	409.58	983.15
60	1.05	500	433.01	933.01
65	1.13	422.62	453.15	875.77
70	1.22	342.02	469.85	811.87
75	1.31	258.82	482.96	741.78
80	1.4	173.65	492.4	666.05
85	1.48	87.16	498.1	585.25
90	1.57	0	500	500

θ(度)	θ(Rad)	Dx'	Dy'	D
0	0	500	0	500
5	0.09	498.1	87.16	585.25
10	0.17	492.4	173.65	666.05
15	0.26	482.96	258.82	741.78
20	0.35	469.85	342.02	811.87
25	0.44	453.15	422.62	875.77
30	0.52	433.01	500	933.01
35	0.61	409.58	573.58	983.15
40	0.7	383.02	642.79	1025.81
45	0.79	353.55	707.11	1060.66
50	0.87	321.39	766.04	1087.44
55	0.96	286.79	819.15	1105.94
60	1.05	250	866.03	1116.03
65	1.13	211.31	906.31	1117.62
70	1.22	171.01	939.69	1110.7
75	1.31	129.41	965.93	1095.34
80	1.4	86.82	984.81	1071.63
85	1.48	43.58	996.19	1039.77
90	1.57	0	1000	1000

Dx = 1000
Dy = 200

Dx = 1000
Dy = 300

Dx = 500
Dy = 400

θ(度)	θ(Rad)	Dx'	Dy'	D
0	0	1000	0	1000
5	0.09	996.19	17.43	1013.63
10	0.17	984.81	34.73	1019.54
15	0.26	965.93	51.76	1017.69
20	0.35	939.69	68.4	1008.1
25	0.44	906.31	84.52	990.83
30	0.52	866.03	100	966.03
35	0.61	819.15	114.72	933.87
40	0.7	766.04	128.56	894.6
45	0.79	707.11	141.42	848.53
50	0.87	642.79	153.21	796
55	0.96	573.58	163.83	737.41
60	1.05	500	173.21	673.21
65	1.13	422.62	181.26	603.88
70	1.22	342.02	187.94	529.96
75	1.31	258.82	193.19	452
80	1.4	173.65	196.96	370.61
85	1.48	87.16	199.24	286.39
90	1.57	0	200	200

θ(度)	θ(Rad)	Dx'	Dy'	D
0	0	1000	0	1000
5	0.09	996.19	26.15	1022.34
10	0.17	984.81	52.09	1036.9
15	0.26	965.93	77.65	1043.57
20	0.35	939.69	102.61	1042.3
25	0.44	906.31	126.79	1033.09
30	0.52	866.03	150	1016.03
35	0.61	819.15	172.07	991.22
40	0.7	766.04	192.84	958.88
45	0.79	707.11	212.13	919.24
50	0.87	642.79	229.81	872.6
55	0.96	573.58	245.75	819.32
60	1.05	500	259.81	759.81
65	1.13	422.62	271.89	694.51
70	1.22	342.02	281.91	623.93
75	1.31	258.82	289.78	548.6
80	1.4	173.65	295.44	469.09
85	1.48	87.16	298.86	386.01
90	1.57	0	300	300

θ(度)	θ(Rad)	Dx'	Dy'	D
0	0	500	0	500
5	0.09	498.1	34.86	532.96
10	0.17	492.4	69.46	561.86
15	0.26	482.96	103.53	586.49
20	0.35	469.85	136.81	606.65
25	0.44	453.15	169.05	622.2
30	0.52	433.01	200	633.01
35	0.61	409.58	229.43	639.01
40	0.7	383.02	257.12	640.14
45	0.79	353.55	282.84	636.4
50	0.87	321.39	306.42	627.81
55	0.96	286.79	327.66	614.45
60	1.05	250	346.41	596.41
65	1.13	211.31	362.52	573.83
70	1.22	171.01	375.88	546.89
75	1.31	129.41	386.37	515.78
80	1.4	86.82	393.92	480.75
85	1.48	43.58	398.48	442.06
90	1.57	0	400	400

Dx' = Dx * cos(θ)
Dy' = Dy * sin(θ)
|D| = Dx'+Dy'
|D|が最大値時が、主軸

剛性は、二乗で効くはずだが、二乗すると変です??