Sinewave

M = 0

10

1

P = [ 3 0 0

0 3 0

0 0 3]

A= [ 1 0.010 0

0 1 0

0 0 1]

Q = [ 0 0 0

0 0.002 0

0 0 0

.001]

Y = 1.834366773357689

M = 1.39443104351318

10.0129473301845

1.12990661284479

Q = [ 6.66666666666667e-08 1.00000000000000e-05 0

1.00000000000000e-05 0.00200000000000000 0

0 0 0.00100000000000000]