

X_o = [[1.70169602e+00 -0.00000000e+00 3.42126039e+02 7.57722136e+02
1.15809272e-01 1.43843893e-01 0.00000000e+00 0.00000000e+00]
[1.70169602e+00 -0.00000000e+00 3.42126039e+02 7.57722136e+02
1.11950201e-01 1.31904323e-01 0.00000000e+00 0.00000000e+00]
[1.70169602e+00 -0.00000000e+00 3.42126039e+02 7.57722136e+02
9.24440371e-02 1.49393166e-01 0.00000000e+00 0.00000000e+00]
[1.70169602e+00 -0.00000000e+00 3.42126039e+02 7.57722136e+02
1.25120837e-01 1.28392597e-01 0.00000000e+00 0.00000000e+00]
[1.70169602e+00 -0.00000000e+00 3.42126039e+02 7.57722136e+02
1.07424894e-01 1.30448019e-01 0.00000000e+00 0.00000000e+00]
[1.70169602e+00 -0.00000000e+00 3.42126039e+02 7.57722136e+02
1.23139267e-01 1.44949777e-01 0.00000000e+00 0.00000000e+00]
[1.70169602e+00 -0.00000000e+00 3.42126039e+02 7.57722136e+02
1.07136496e-01 1.42877665e-01 0.00000000e+00 0.00000000e+00]
[1.70169602e+00 -0.00000000e+00 3.42126039e+02 7.57722136e+02
1.15958531e-01 1.39032467e-01 0.00000000e+00 0.00000000e+00]
[1.70169602e+00 -0.00000000e+00 3.42126039e+02 7.57722136e+02
1.13151047e-01 1.29666838e-01 0.00000000e+00 0.00000000e+00]
[1.70169602e+00 -0.00000000e+00 3.42126039e+02 7.57722136e+02
1.26725959e-01 1.31729845e-01 0.00000000e+00 0.00000000e+00]]

U_o = [[0.32211103 0.37850045]

[0.32290217 0.3779885]

[0.34364931 0.37985676]

[0.32257374 0.37891822]

[0.32498918 0.37829586]

[0.32225778 0.37876612]

[0.32517106 0.3782865]

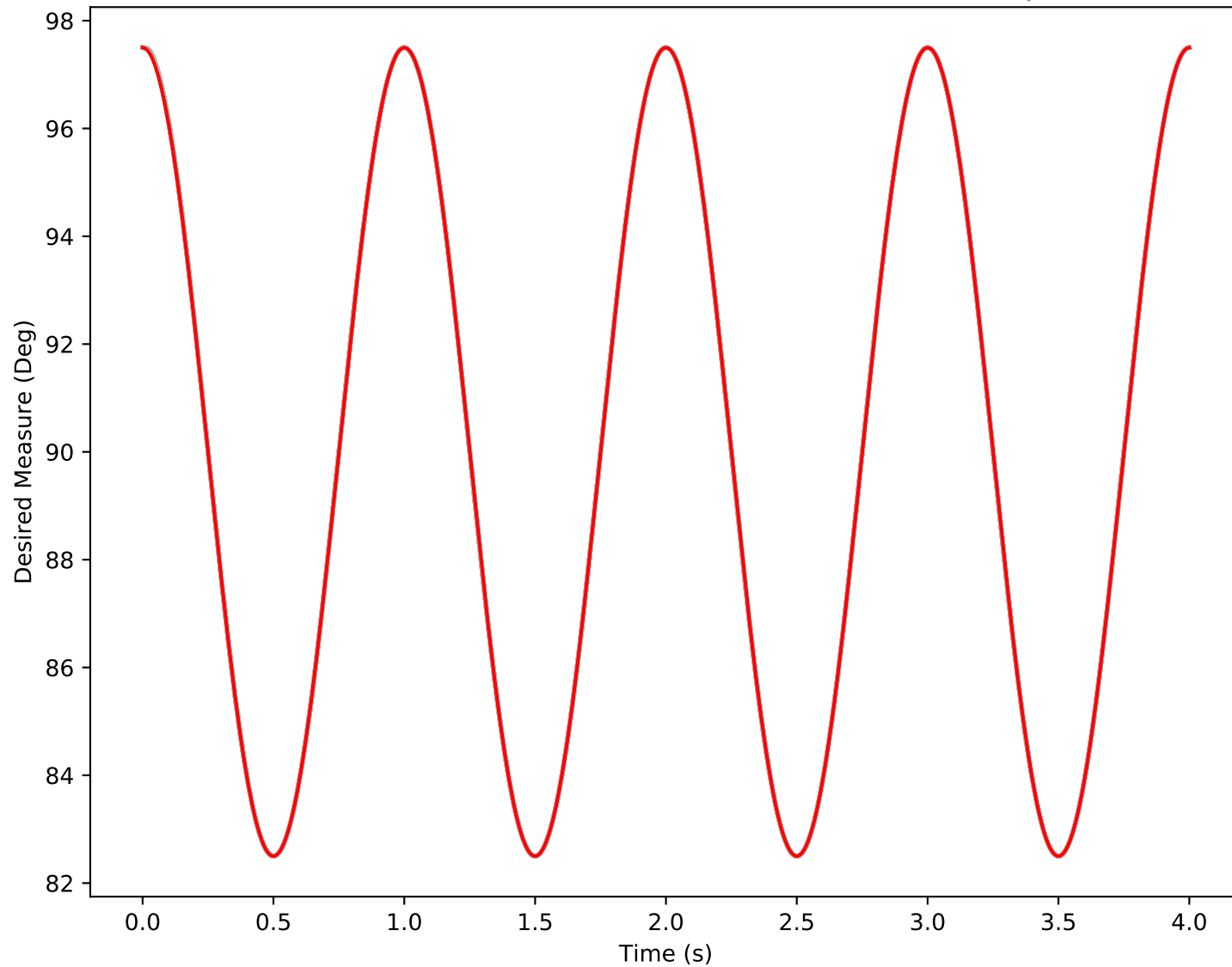
[0.32209427 0.37768999]

[0.32257088 0.37850526]

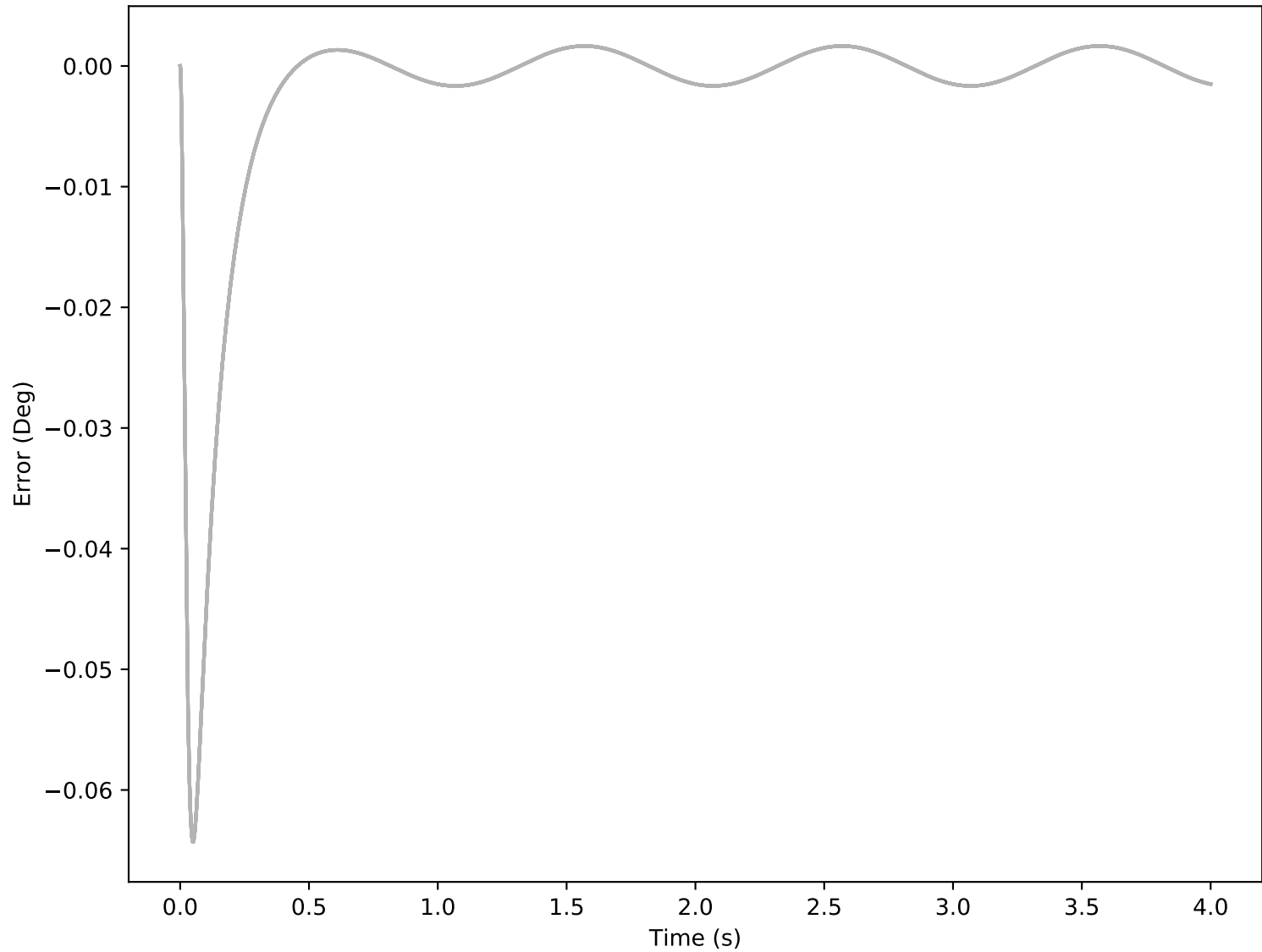
[0.32284729 0.3780199]]

sigma = 0.000625, mu = 0

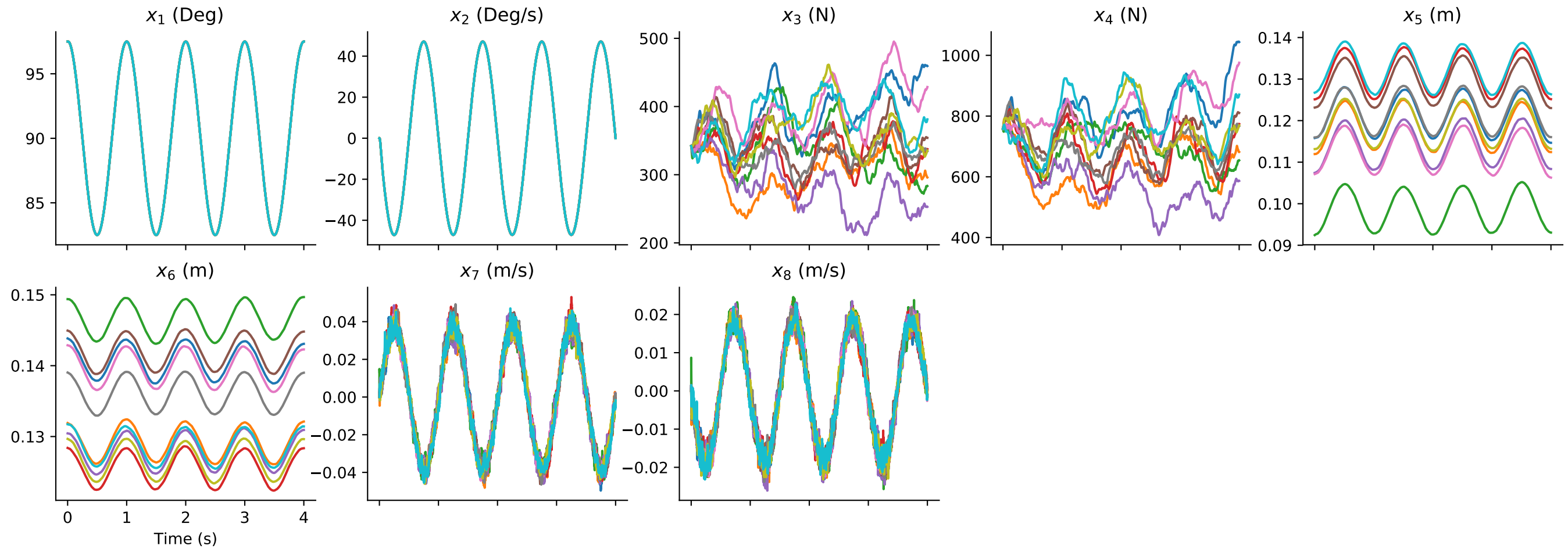
Underdetermined Forced-Pendulum Example



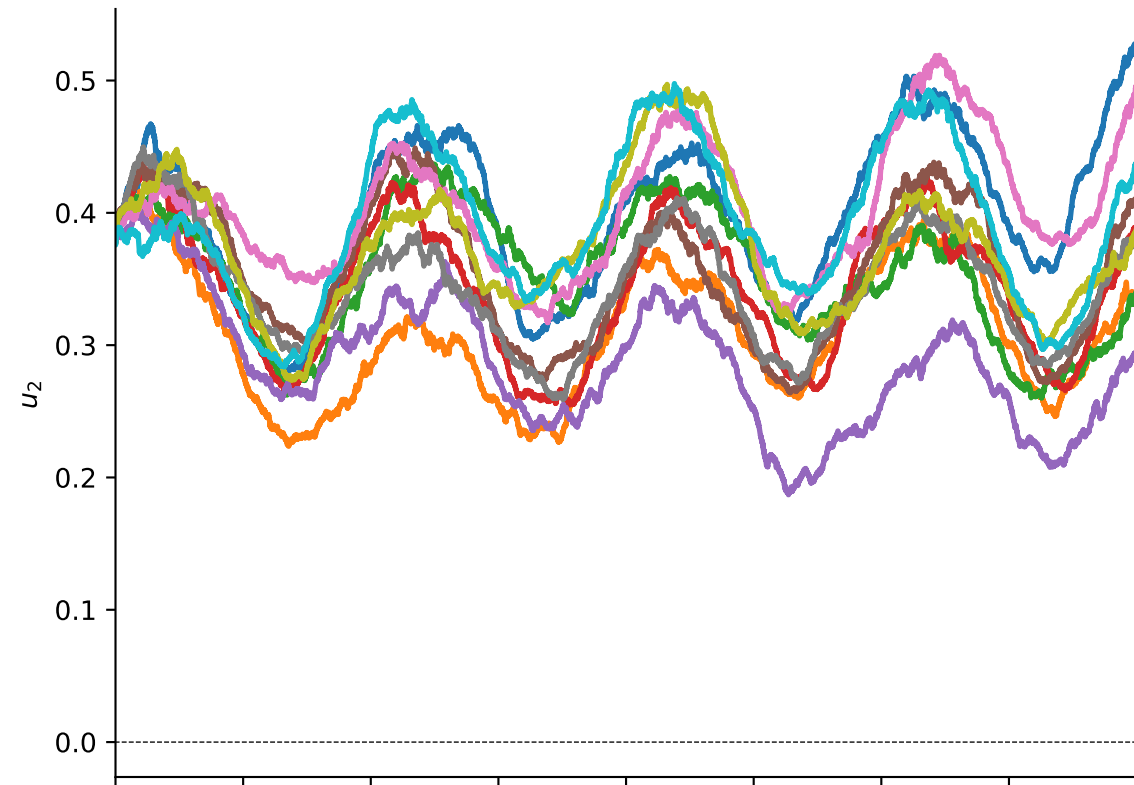
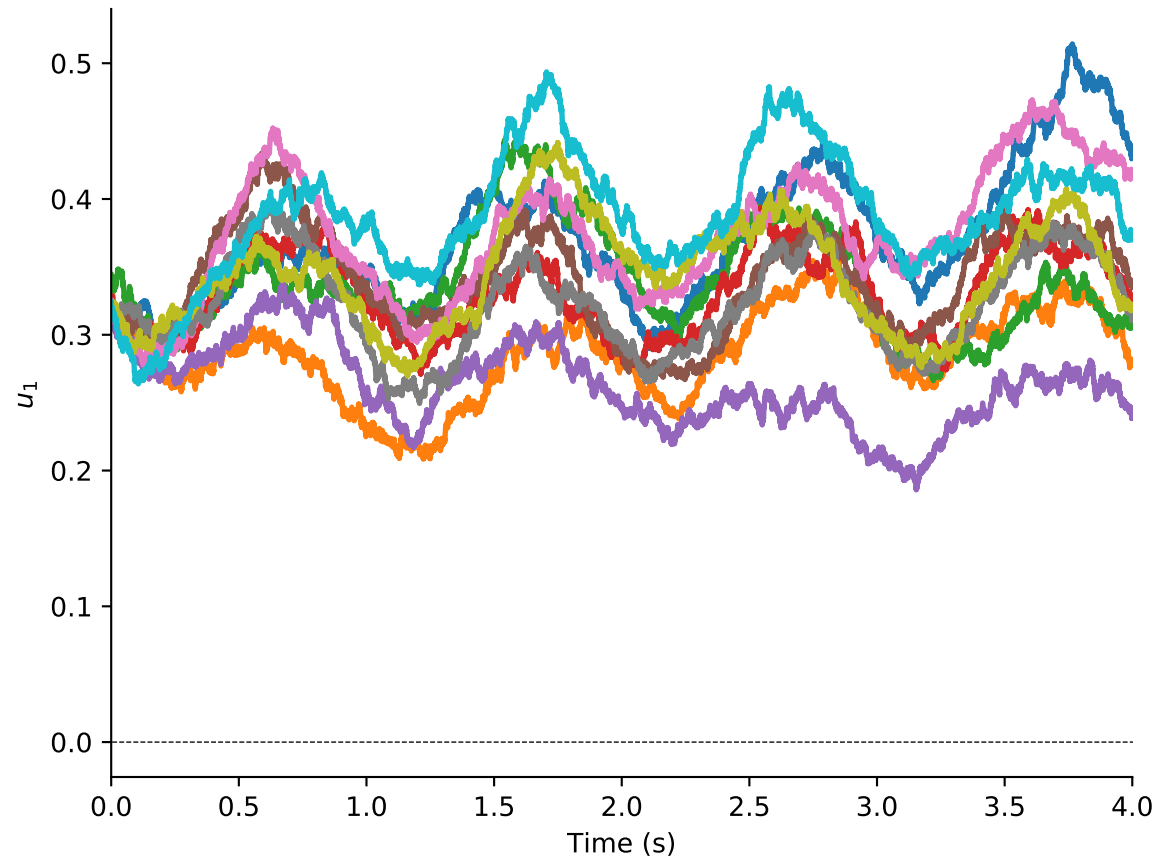
Error vs. Time



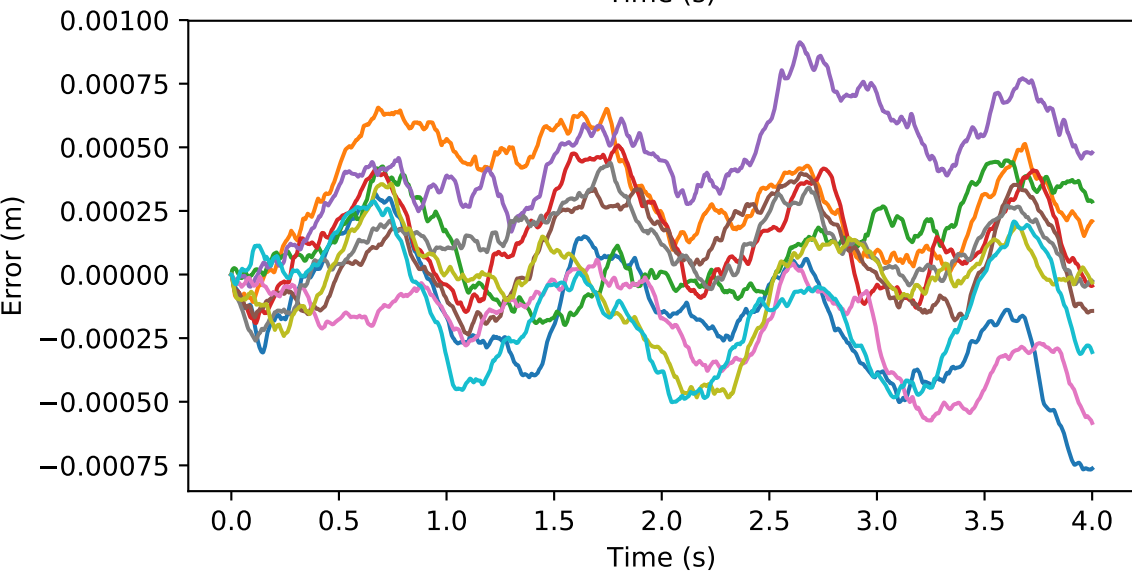
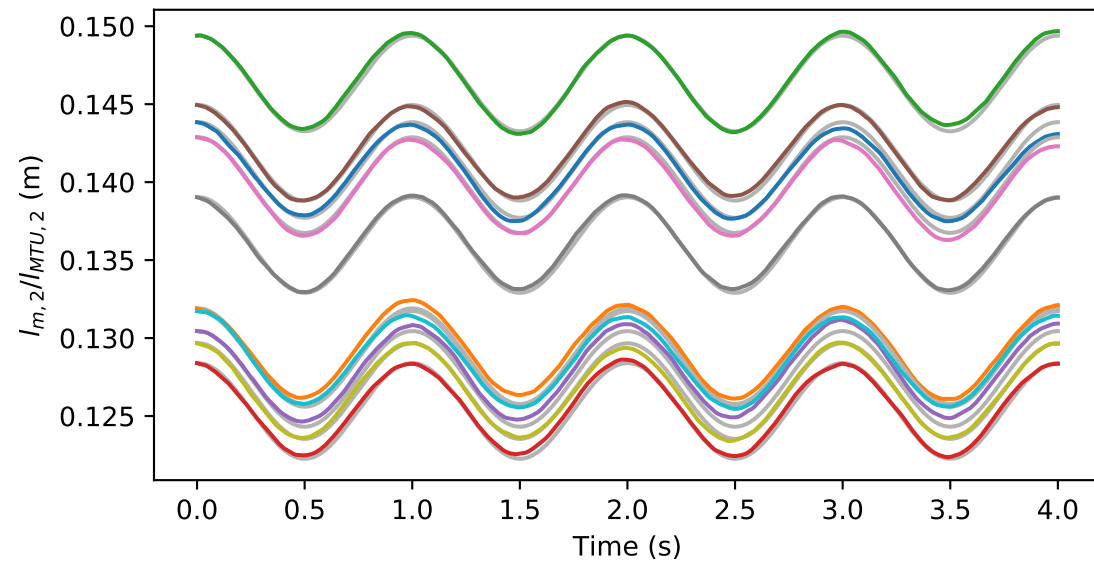
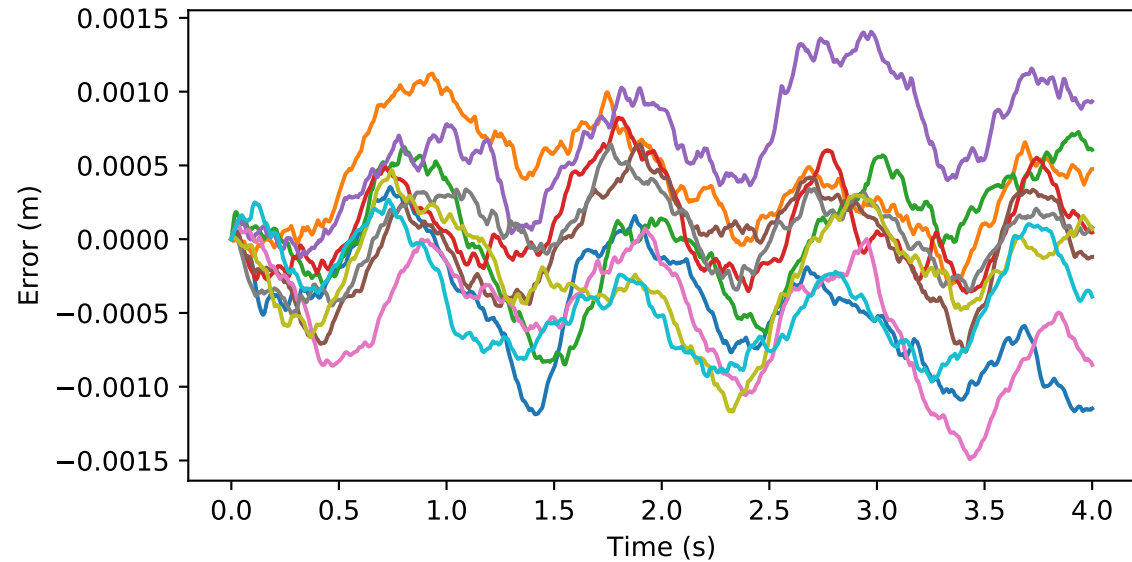
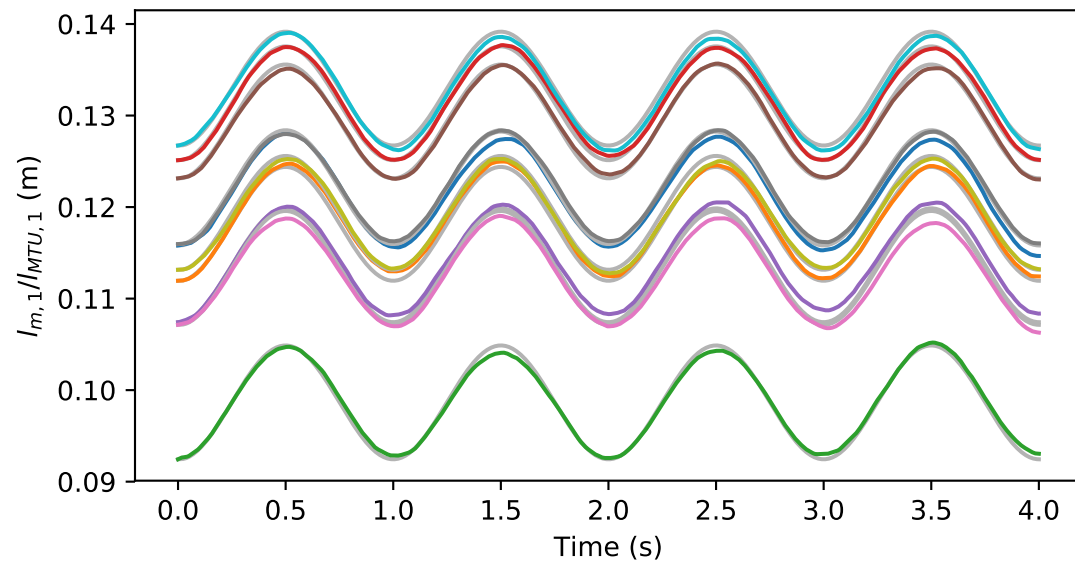
Muscle Activations Driven



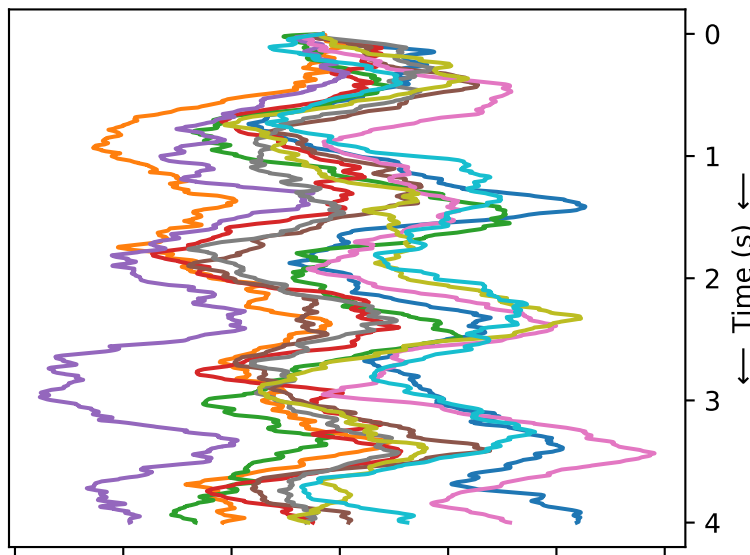
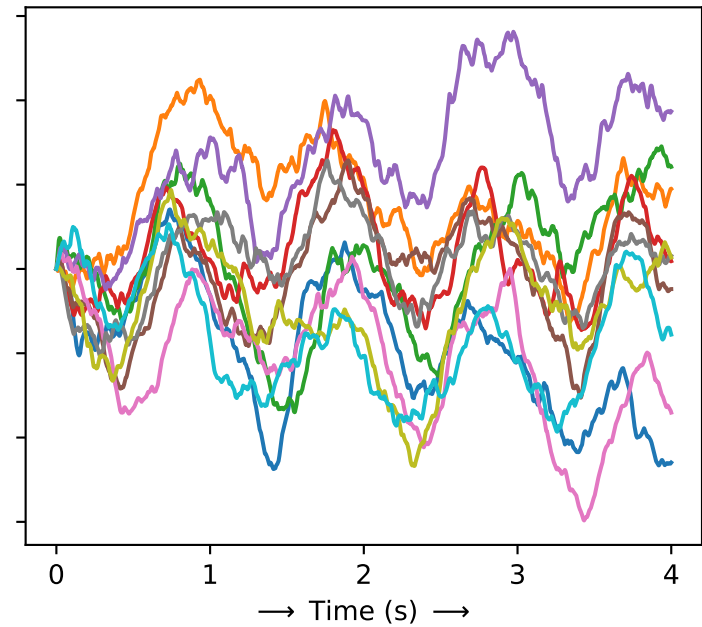
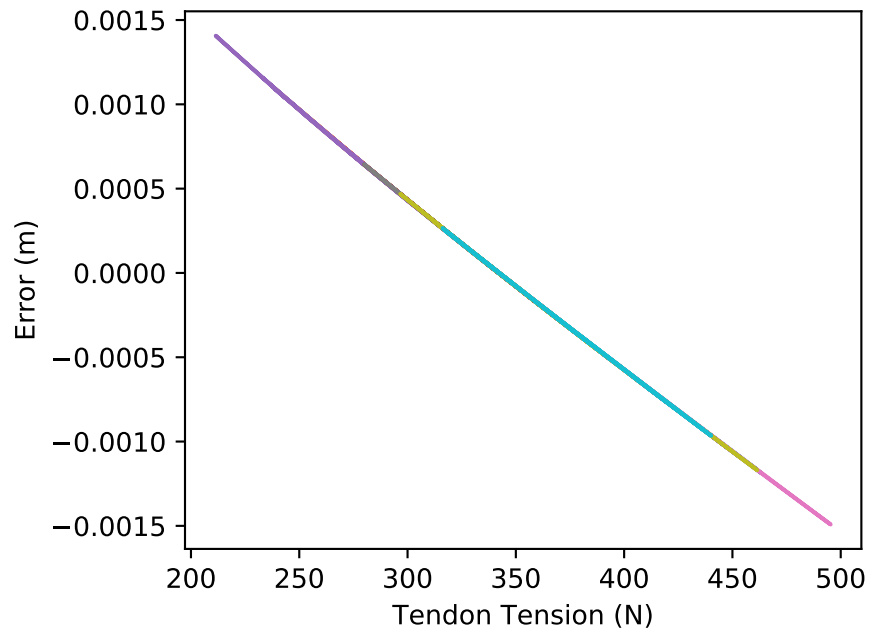
Muscle Activations vs. Time



Muscle vs. Musculotendon Lengths
Muscle Activation Driven



Error from MTU Approx vs. Tendon Tension Muscle 1



Error from MTU Approx vs. Tendon Tension Muscle 2

