

X\_o = [[ 1.70169602e+00 -0.00000000e+00 4.98712669e+02 1.10452169e+03  
1.18113445e-01 1.26832937e-01 0.00000000e+00 0.00000000e+00]  
[ 1.70169602e+00 -0.00000000e+00 4.98712669e+02 1.10452169e+03  
1.06572729e-01 1.38463258e-01 0.00000000e+00 0.00000000e+00]  
[ 1.70169602e+00 -0.00000000e+00 4.98712669e+02 1.10452169e+03  
1.19249132e-01 1.27692694e-01 0.00000000e+00 0.00000000e+00]  
[ 1.70169602e+00 -0.00000000e+00 4.98712669e+02 1.10452169e+03  
1.21538466e-01 1.28261388e-01 0.00000000e+00 0.00000000e+00]  
[ 1.70169602e+00 -0.00000000e+00 4.98712669e+02 1.10452169e+03  
1.15647097e-01 1.36863609e-01 0.00000000e+00 0.00000000e+00]  
[ 1.70169602e+00 -0.00000000e+00 4.98712669e+02 1.10452169e+03  
1.17252501e-01 1.28669225e-01 0.00000000e+00 0.00000000e+00]  
[ 1.70169602e+00 -0.00000000e+00 4.98712669e+02 1.10452169e+03  
1.09453948e-01 1.36508608e-01 0.00000000e+00 0.00000000e+00]  
[ 1.70169602e+00 -0.00000000e+00 4.98712669e+02 1.10452169e+03  
1.04378588e-01 1.28380004e-01 0.00000000e+00 0.00000000e+00]  
[ 1.70169602e+00 -0.00000000e+00 4.98712669e+02 1.10452169e+03  
1.01679011e-01 1.43241268e-01 0.00000000e+00 0.00000000e+00]  
[ 1.70169602e+00 -0.00000000e+00 4.98712669e+02 1.10452169e+03  
1.08744802e-01 1.36875961e-01 0.00000000e+00 0.00000000e+00]]

U\_o = [[0.46973024 0.55338842]

[0.47461637 0.55107418]

[0.46980513 0.55286924]

[0.47023101 0.5525618 ]

[0.46986847 0.55086758]

[0.469734 0.55235862]

[0.47223165 0.55084457]

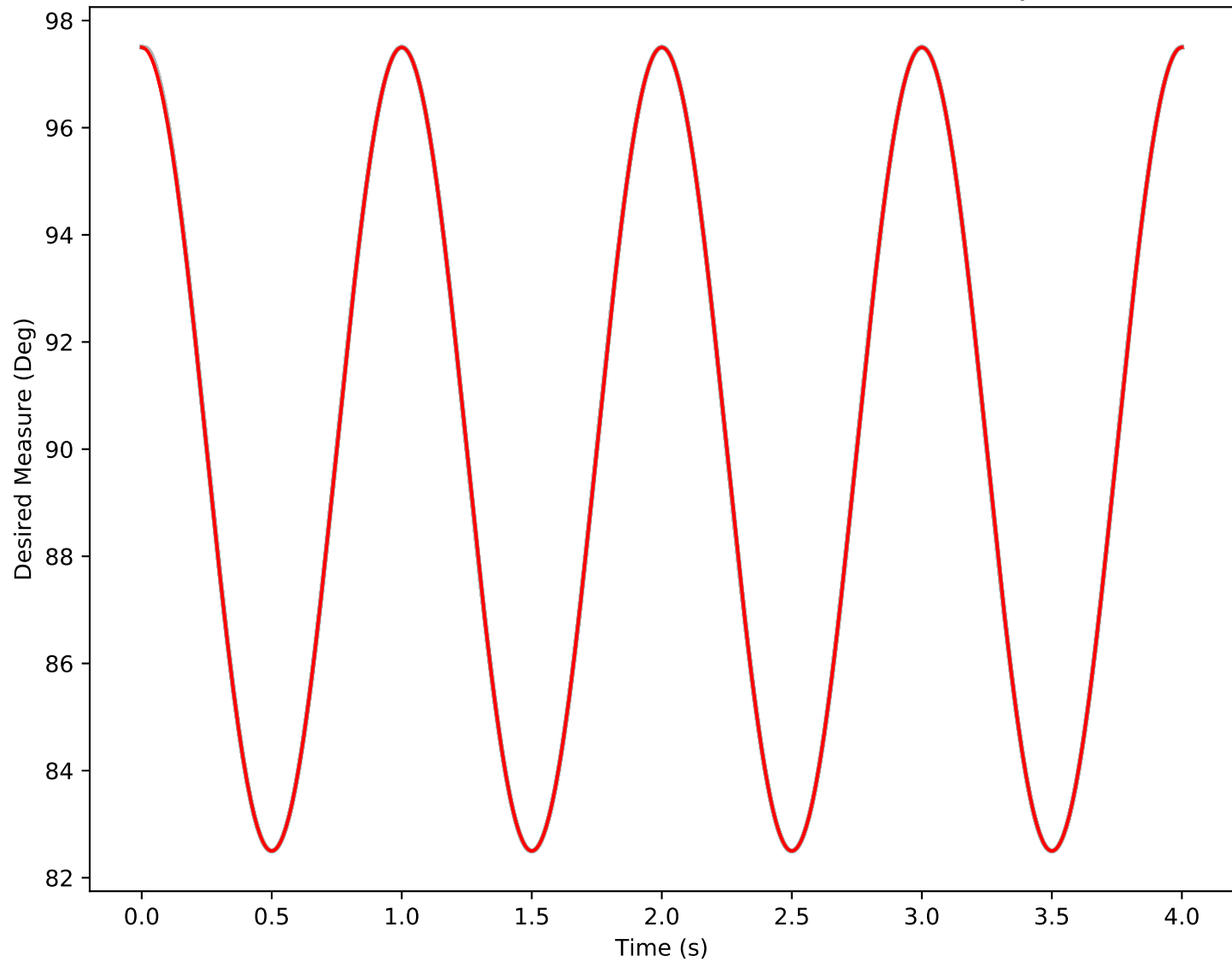
[0.47705271 0.55250123]

[0.48083187 0.55266281]

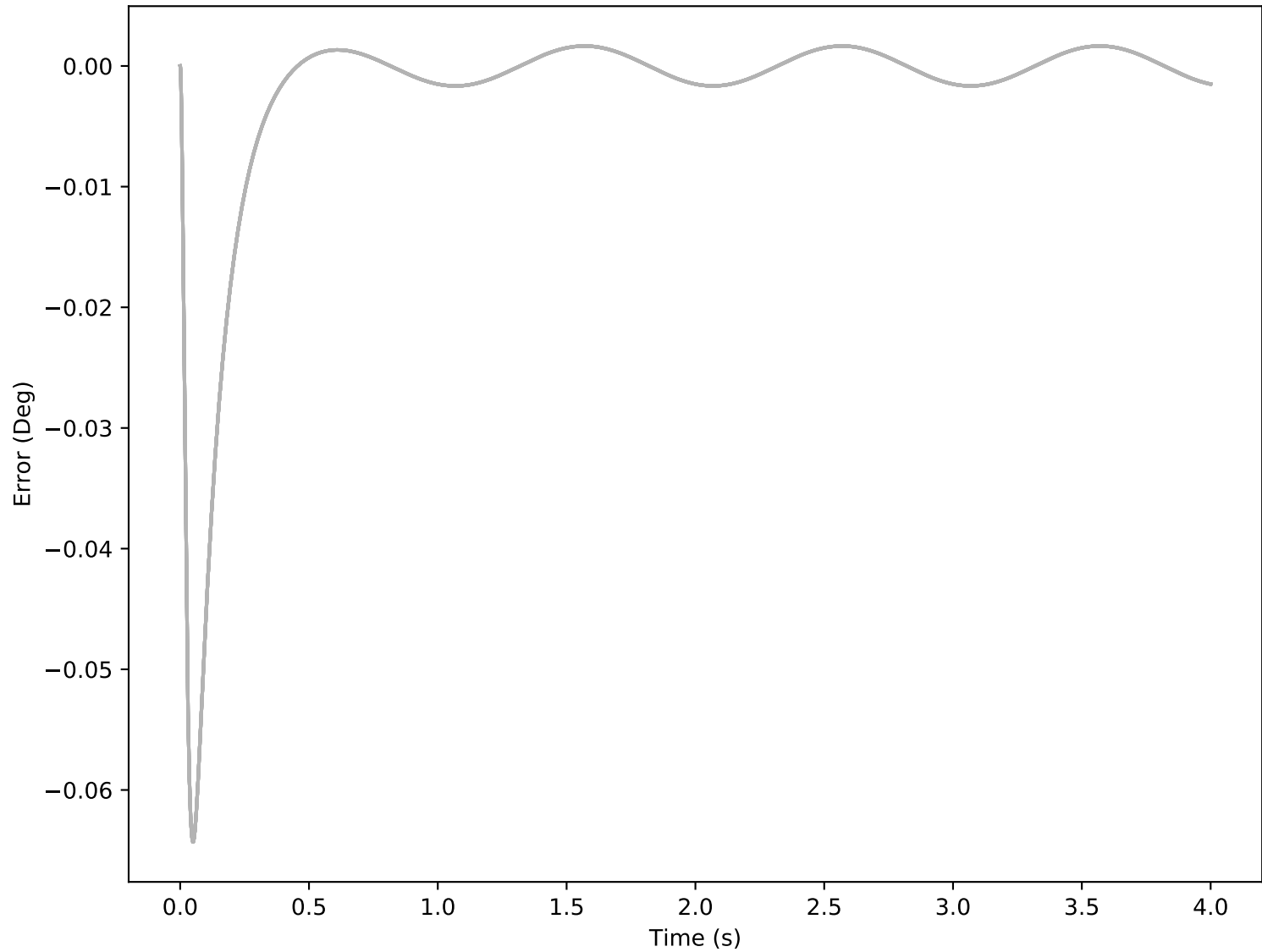
[0.47273604 0.55086853]]

sigma = 0.000625, mu = 0

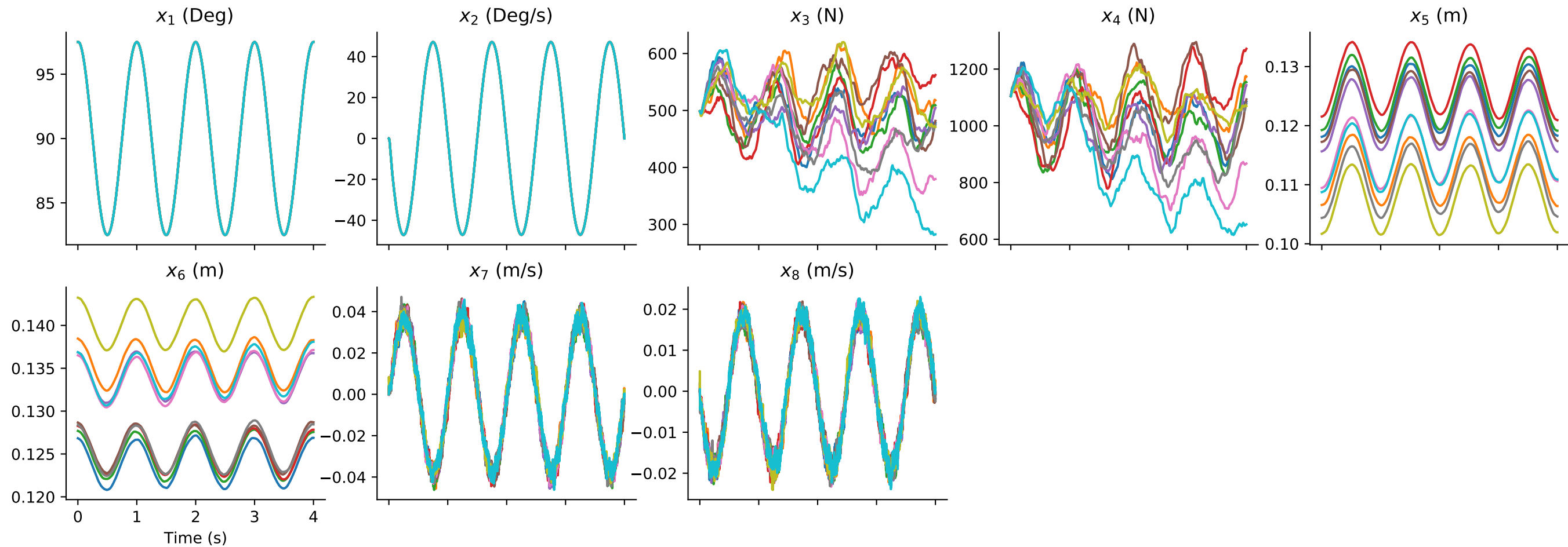
## Underdetermined Forced-Pendulum Example



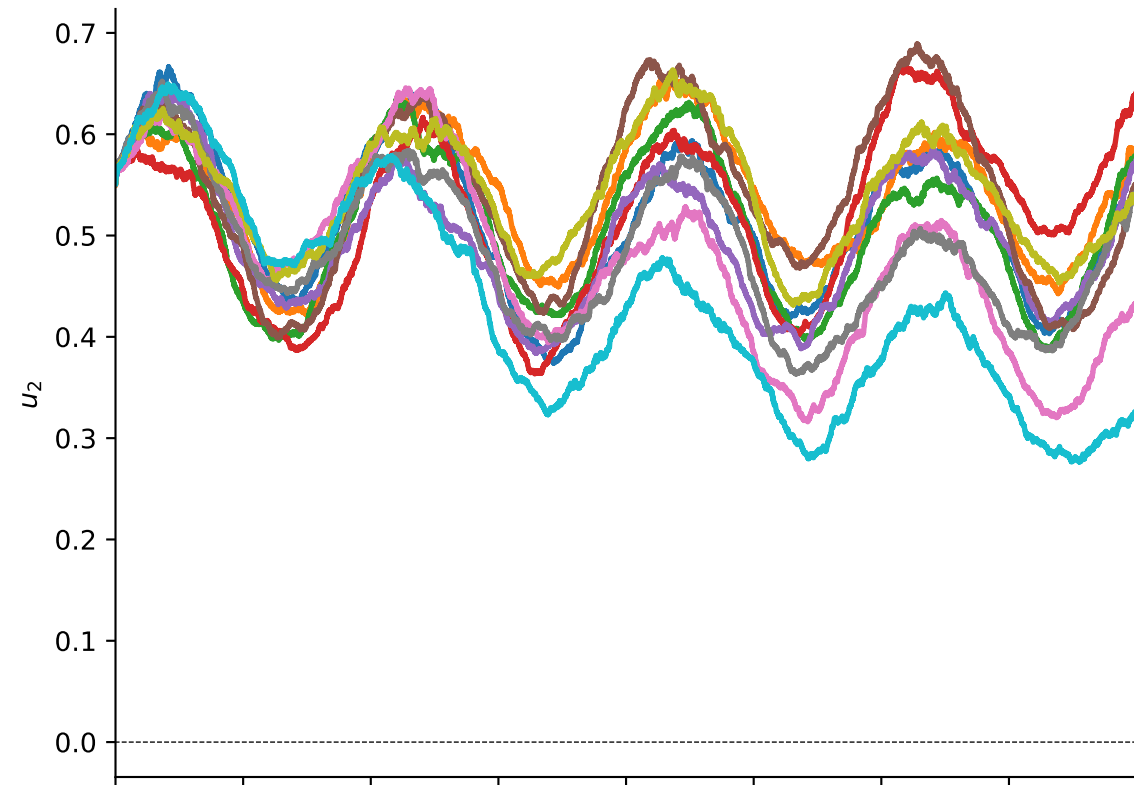
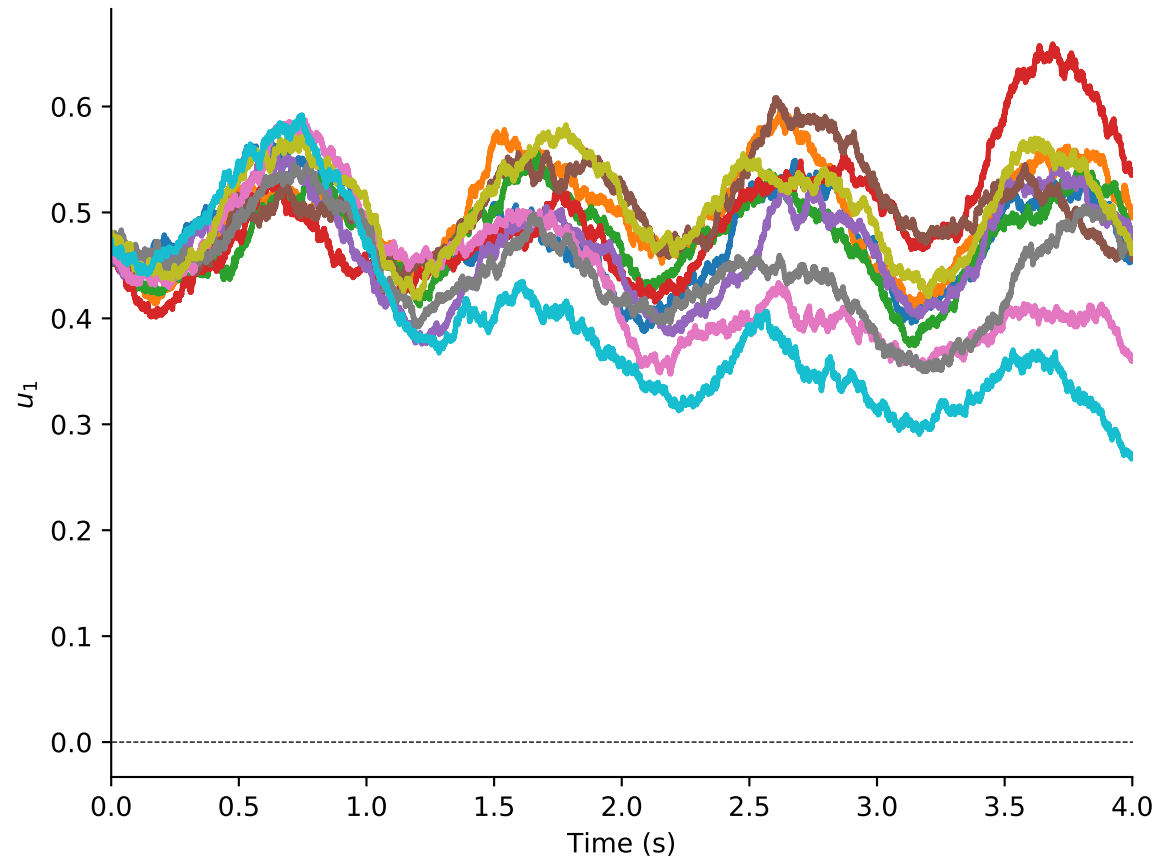
Error vs. Time



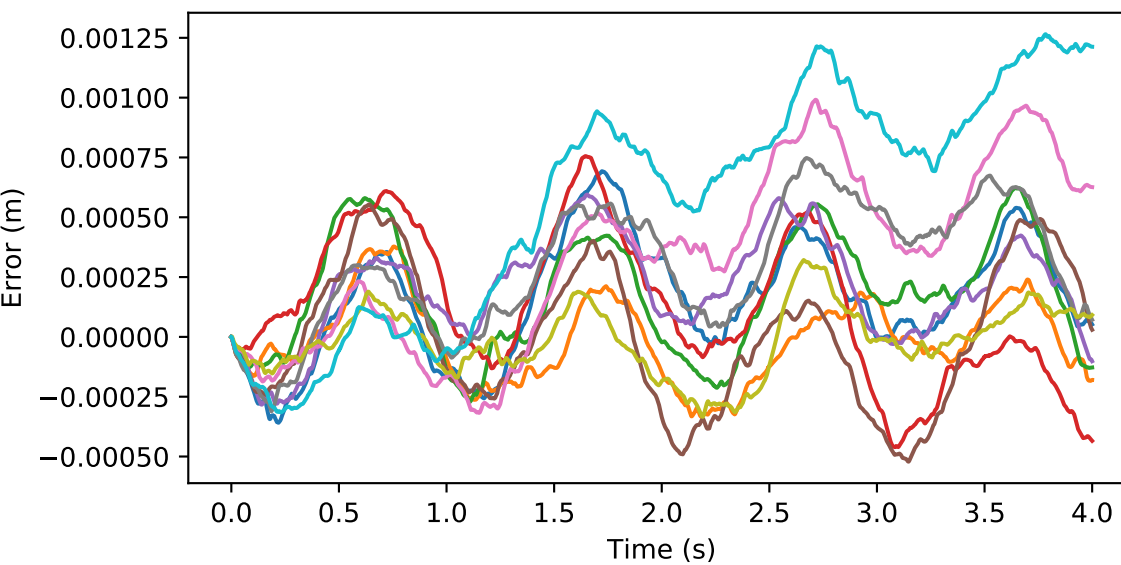
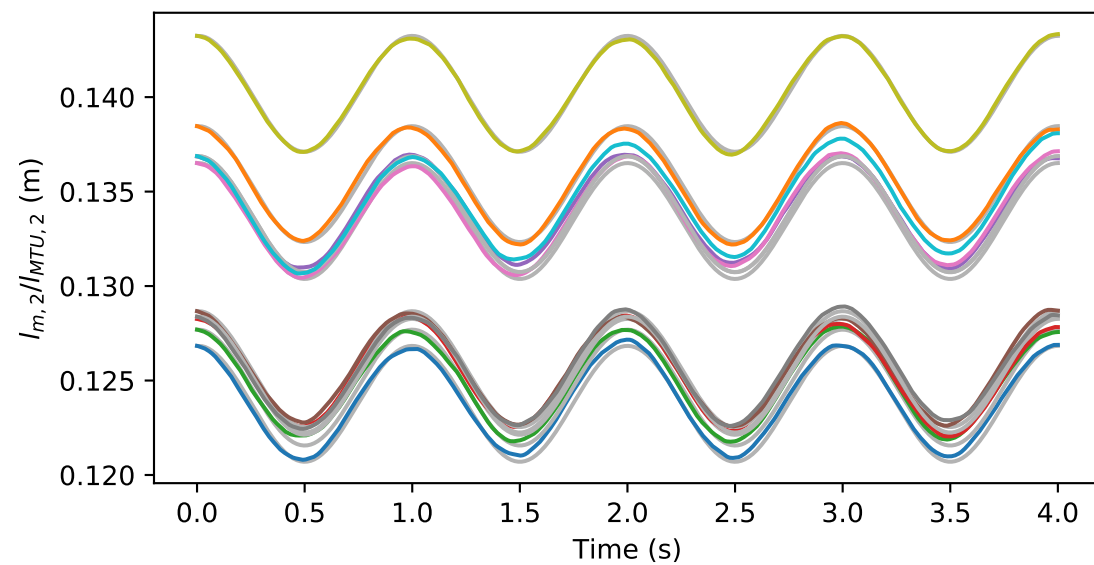
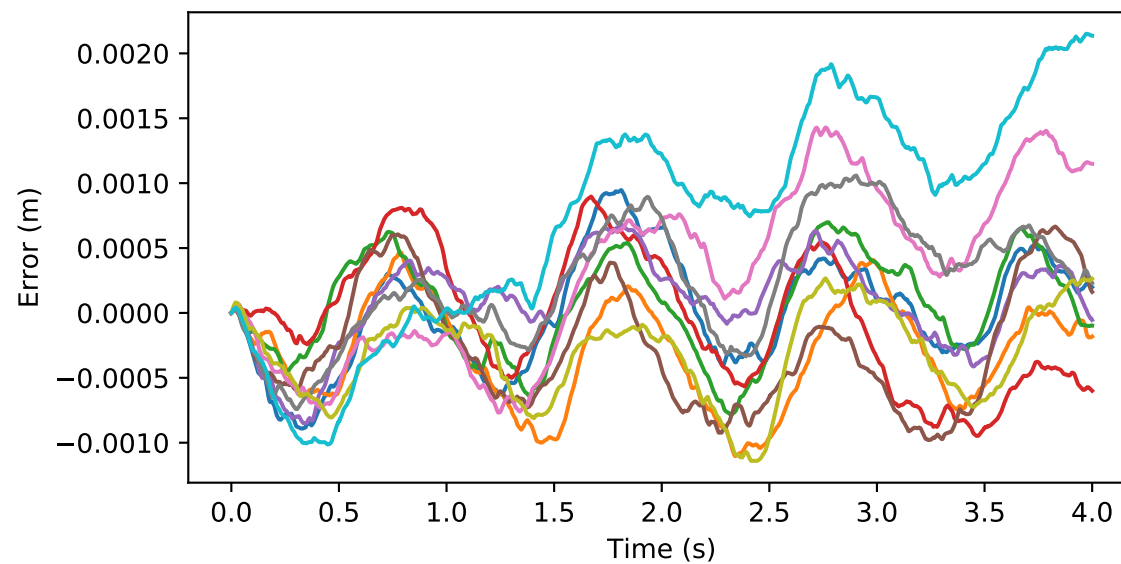
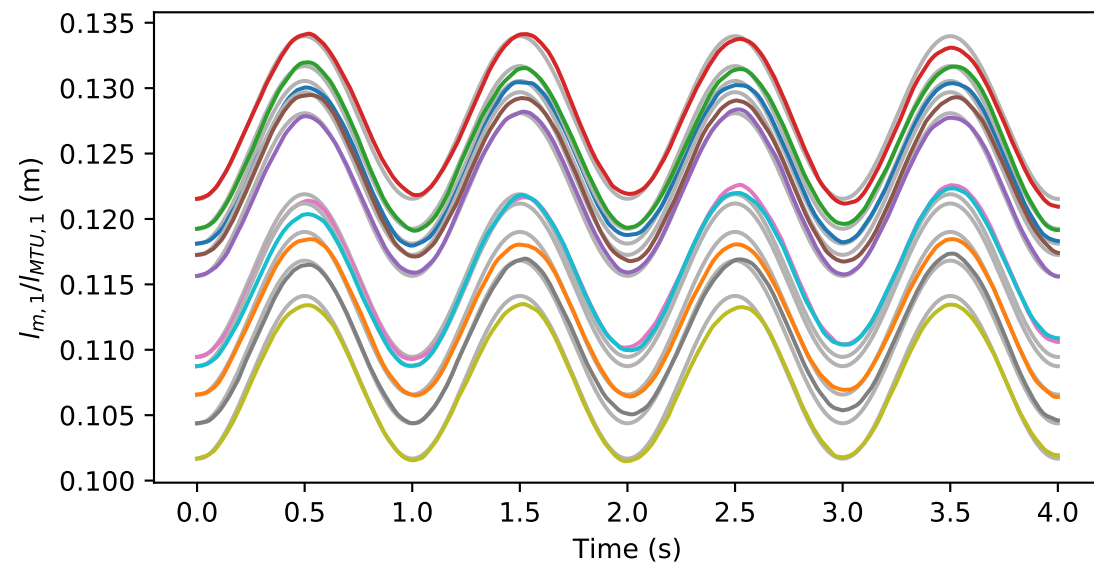
# Muscle Activations Driven



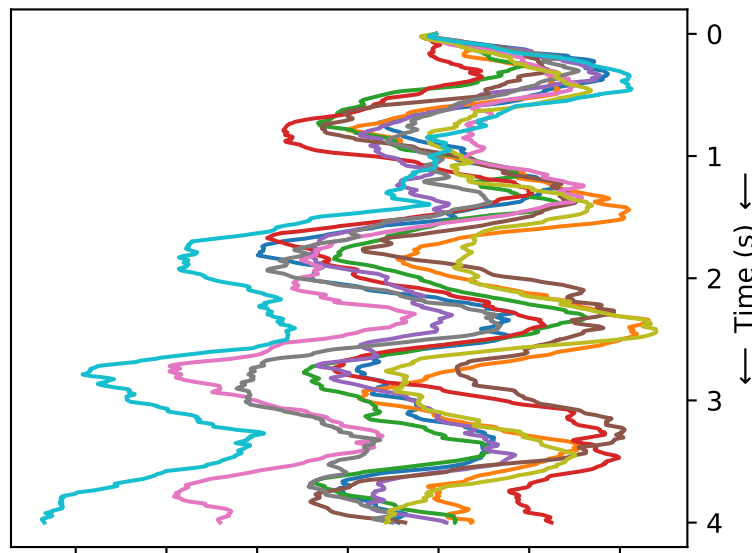
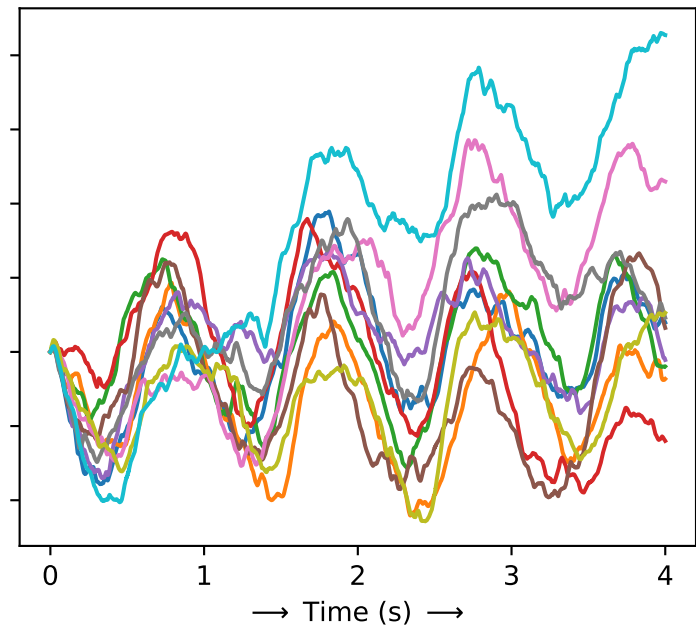
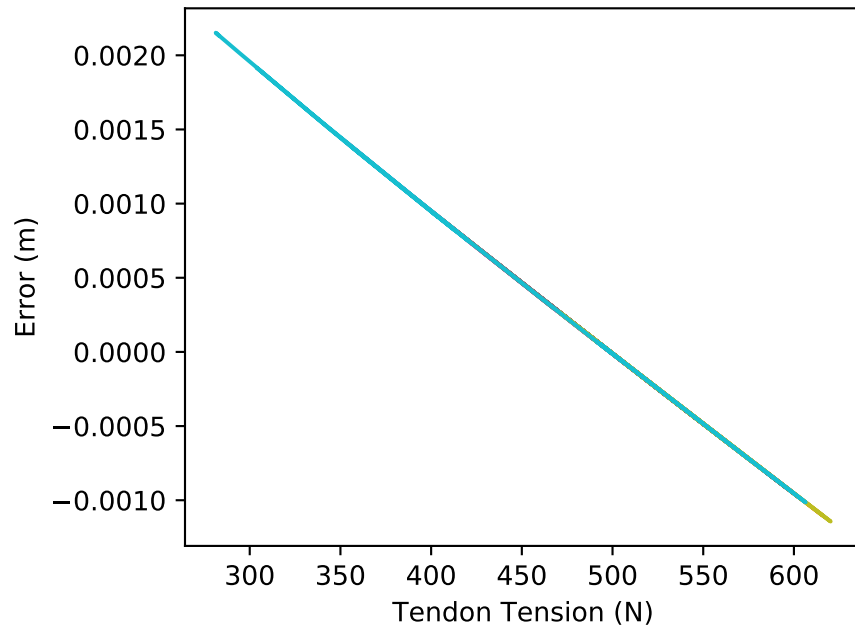
Muscle Activations vs. Time



# 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

