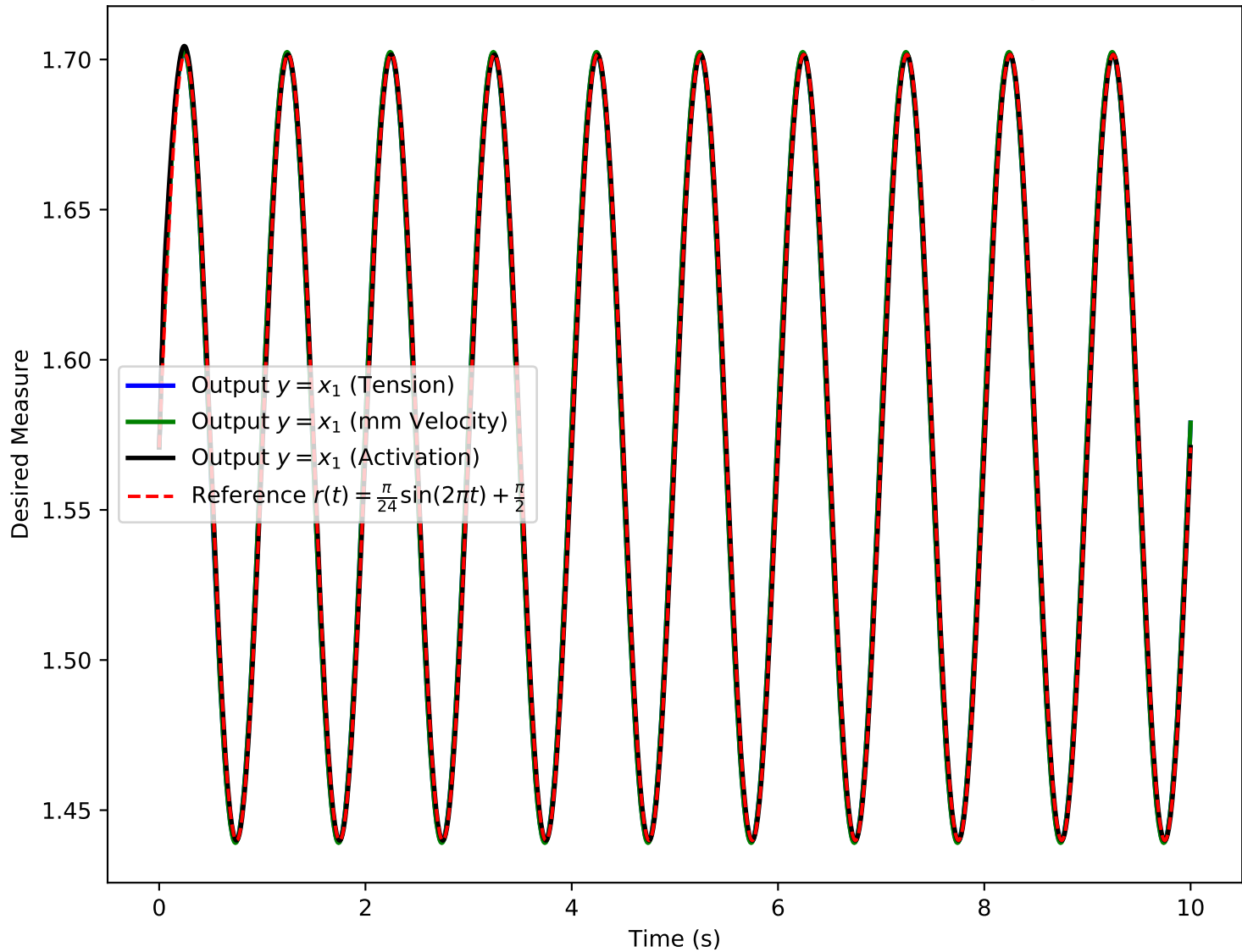
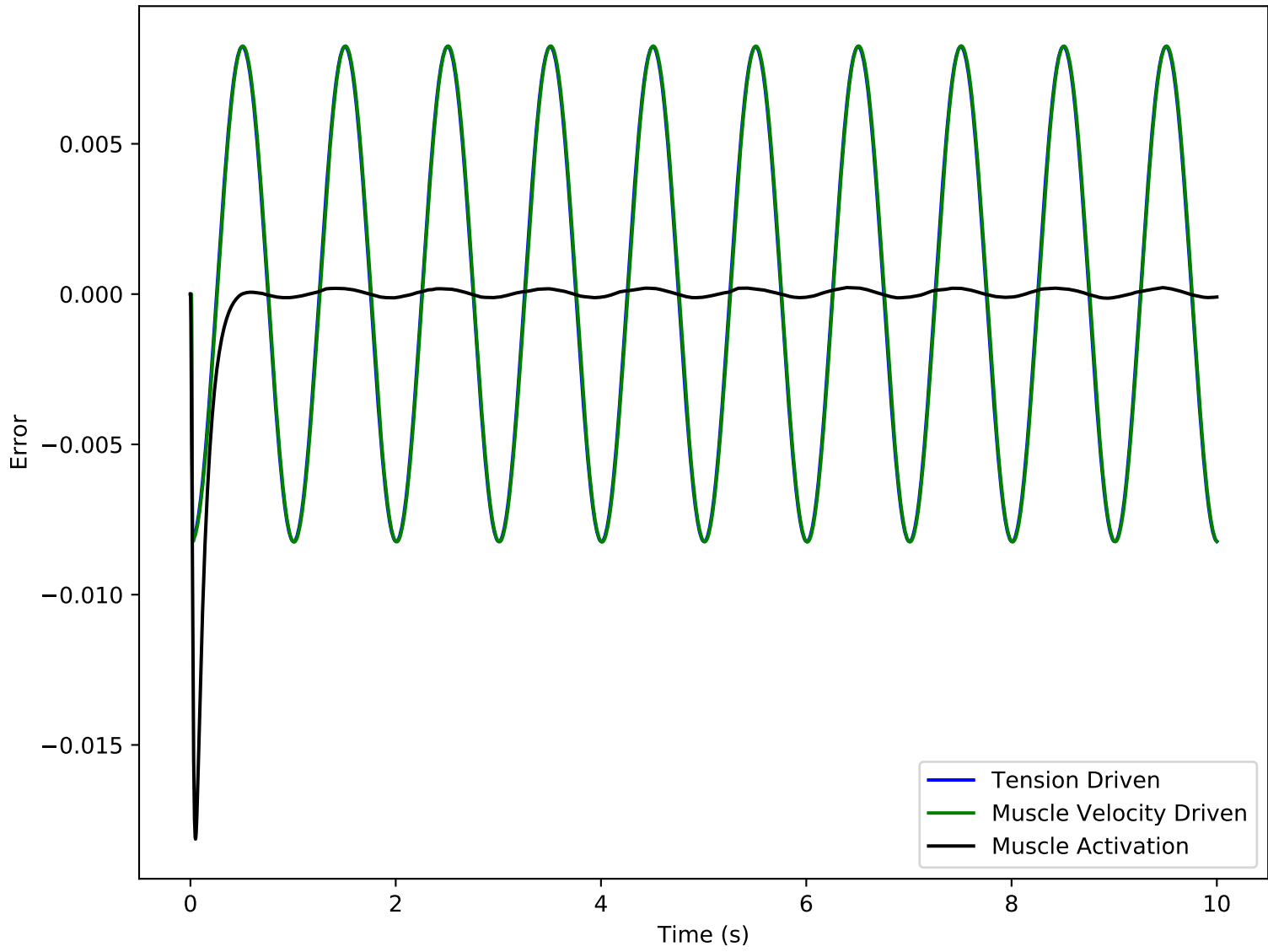


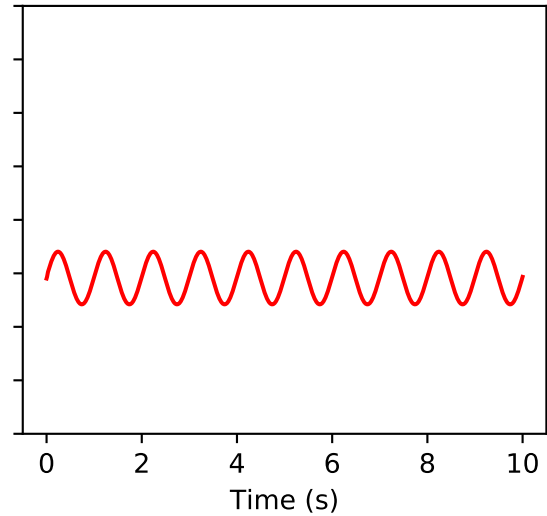
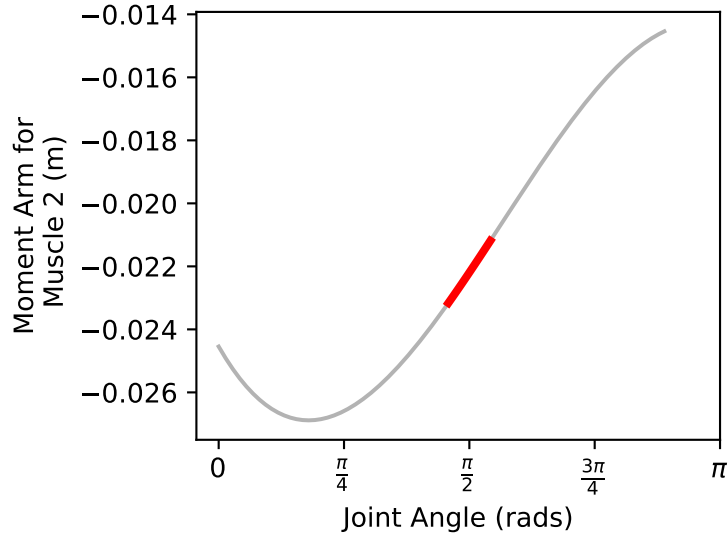
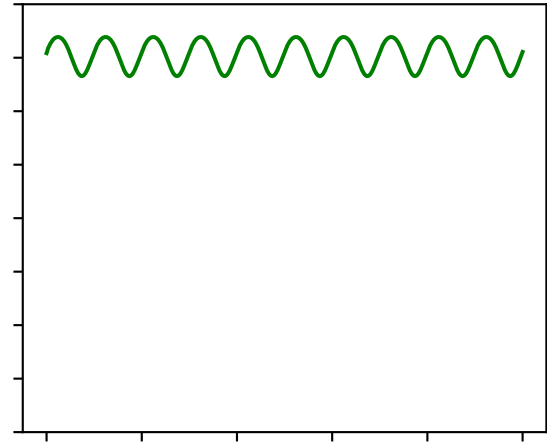
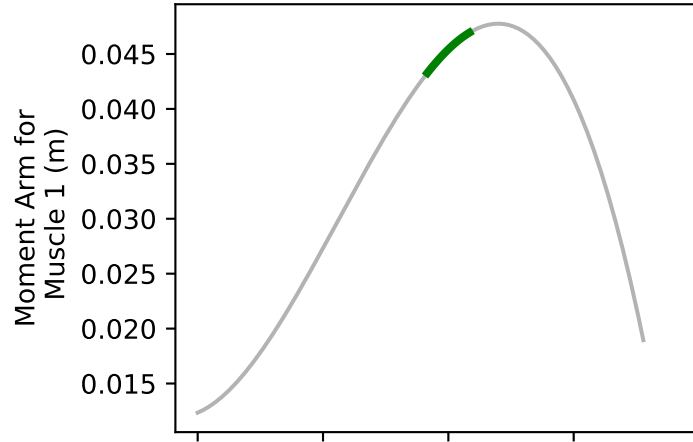
## Underdetermined Forced-Pendulum Example



Error vs. Time

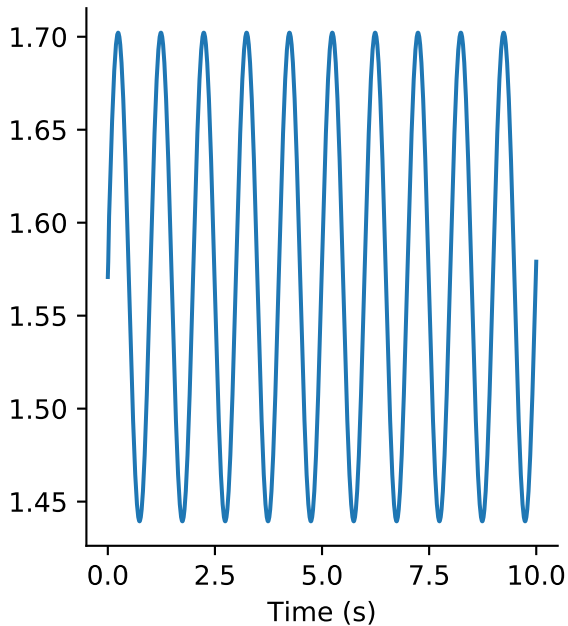


# Moment arm equations (Tendon Tension Driven)

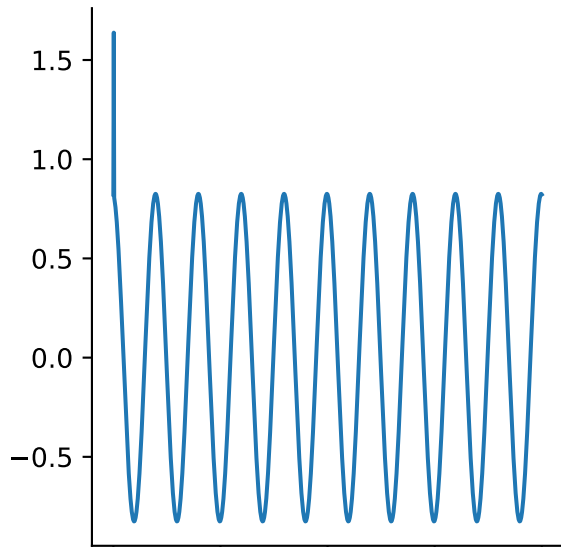


# Tendon Tension Driven

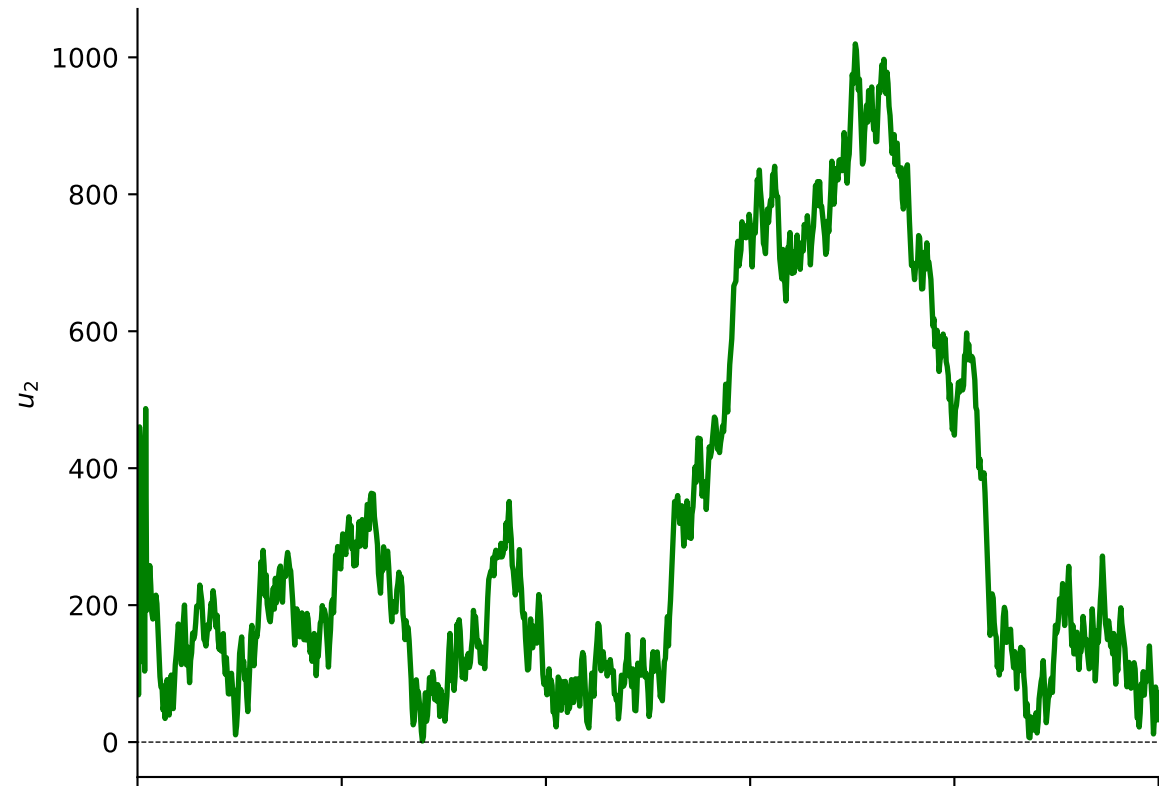
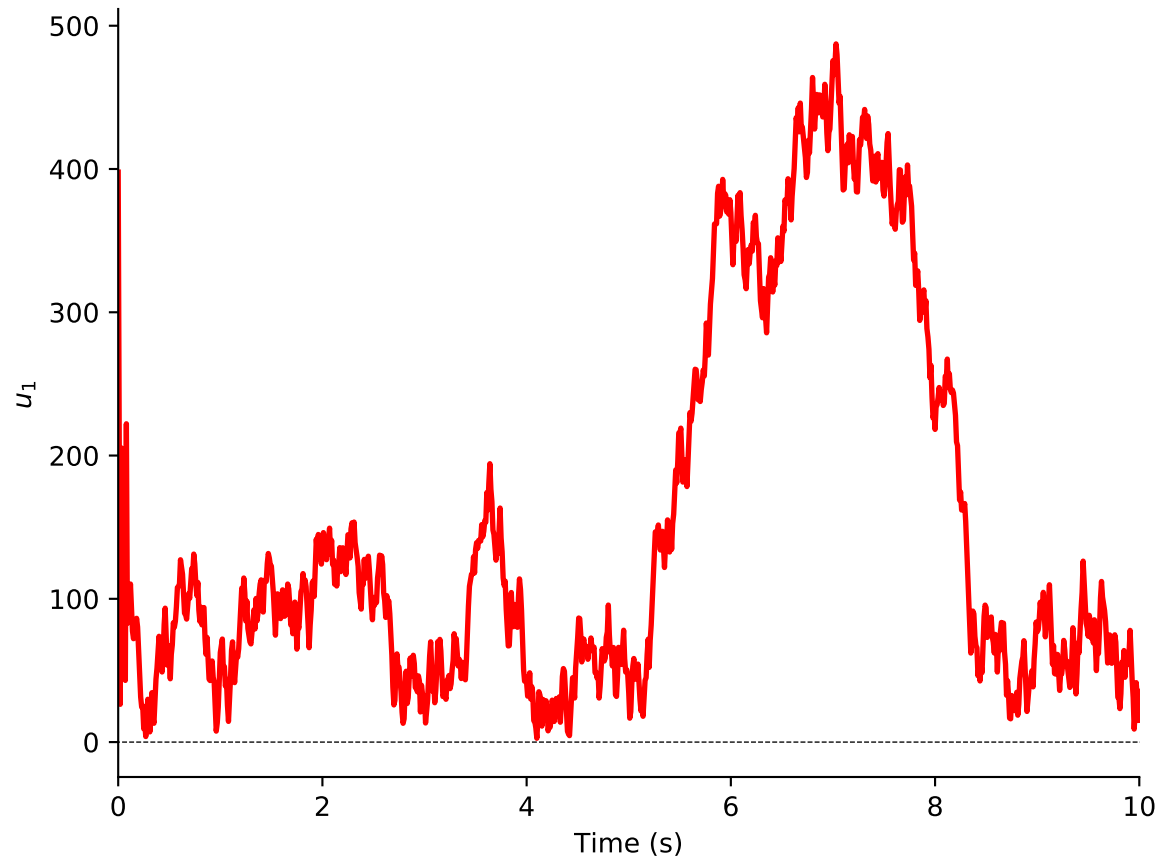
$x_1$  (Rads)



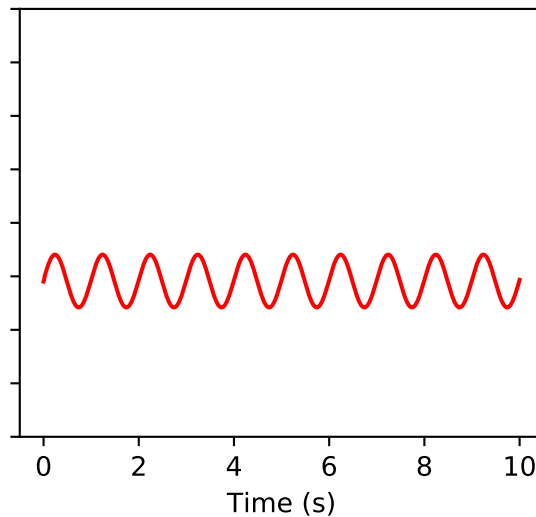
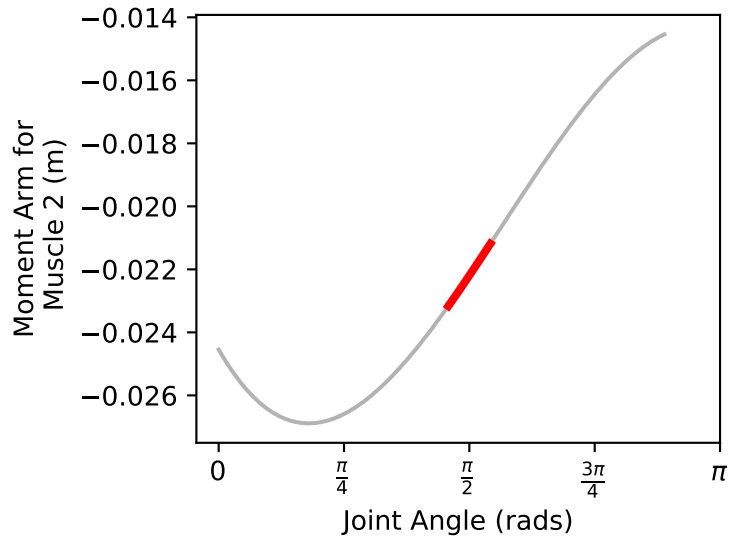
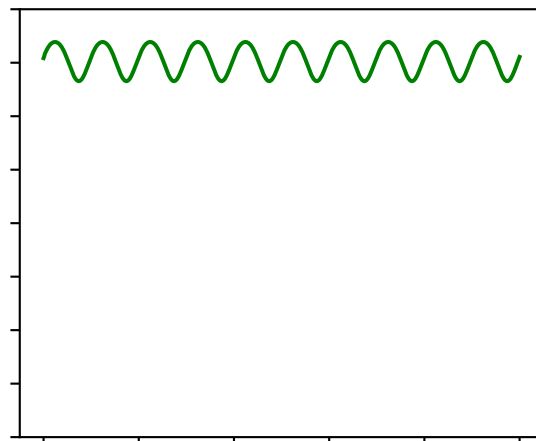
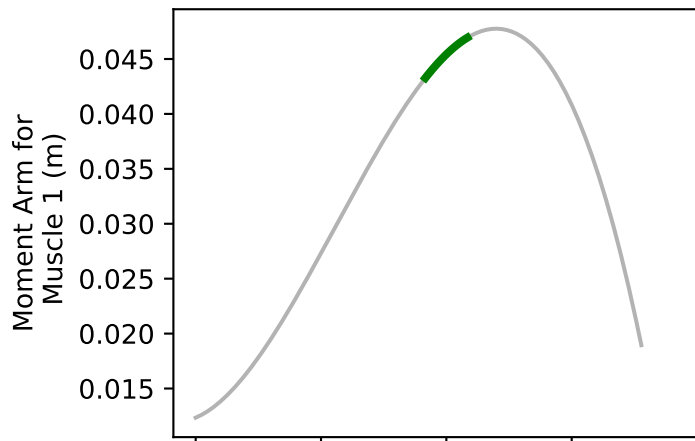
$x_2$  (Rads/s)



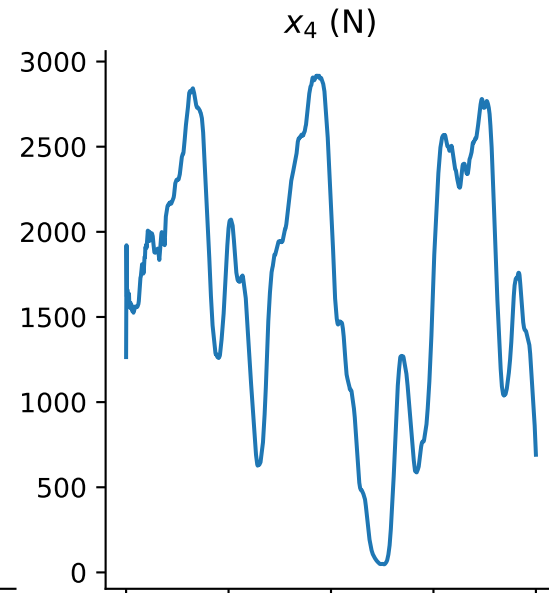
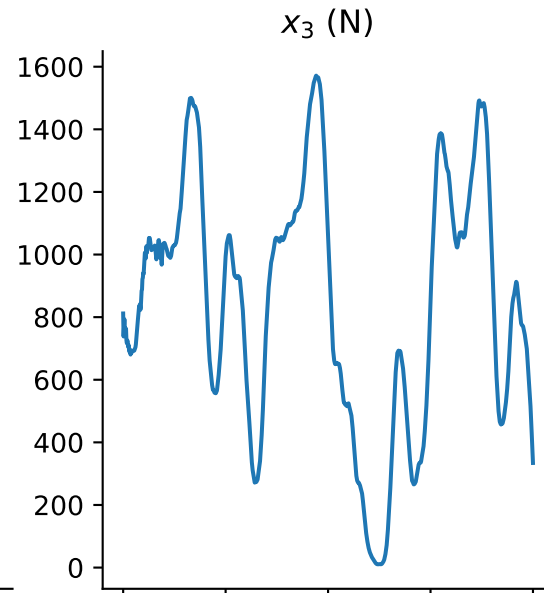
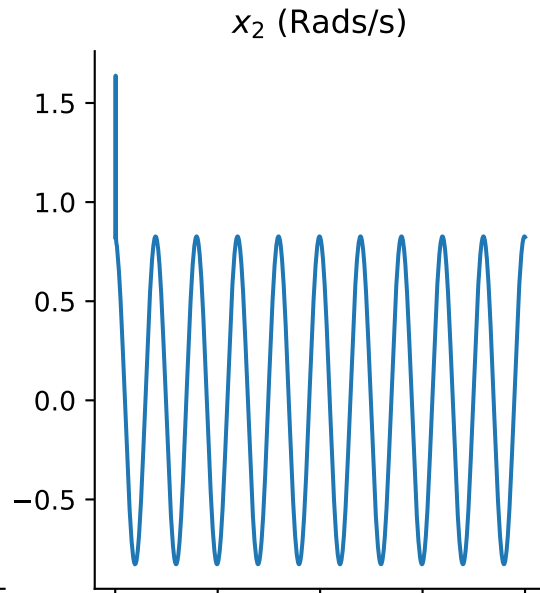
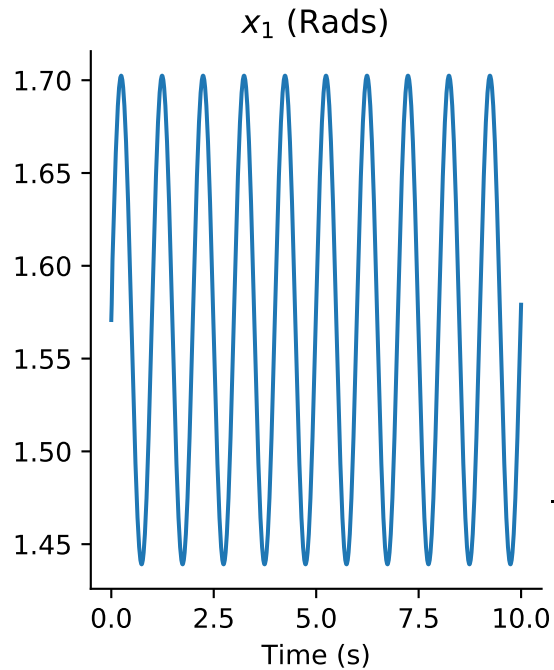
Tendon Tension vs. Time



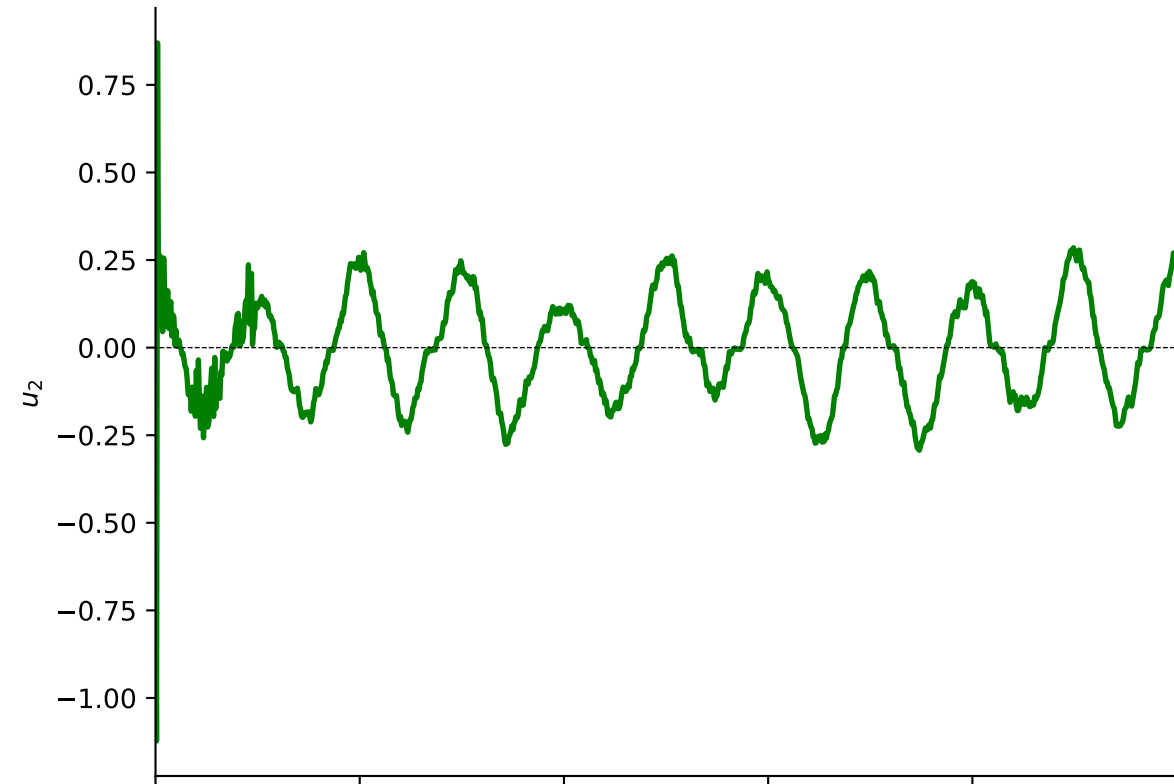
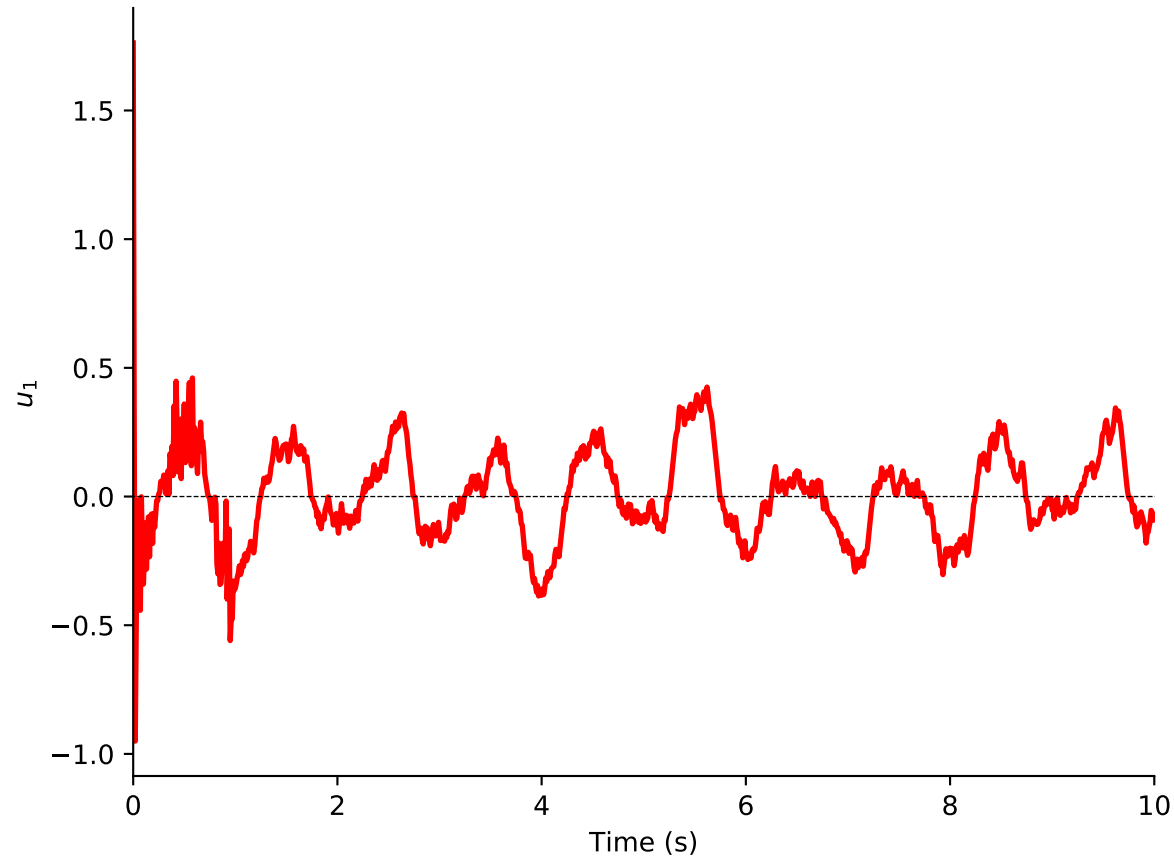
# Moment arm equations (Normalized Muscle Velocities Driven)



# Normalized Muscle Velocities Driven

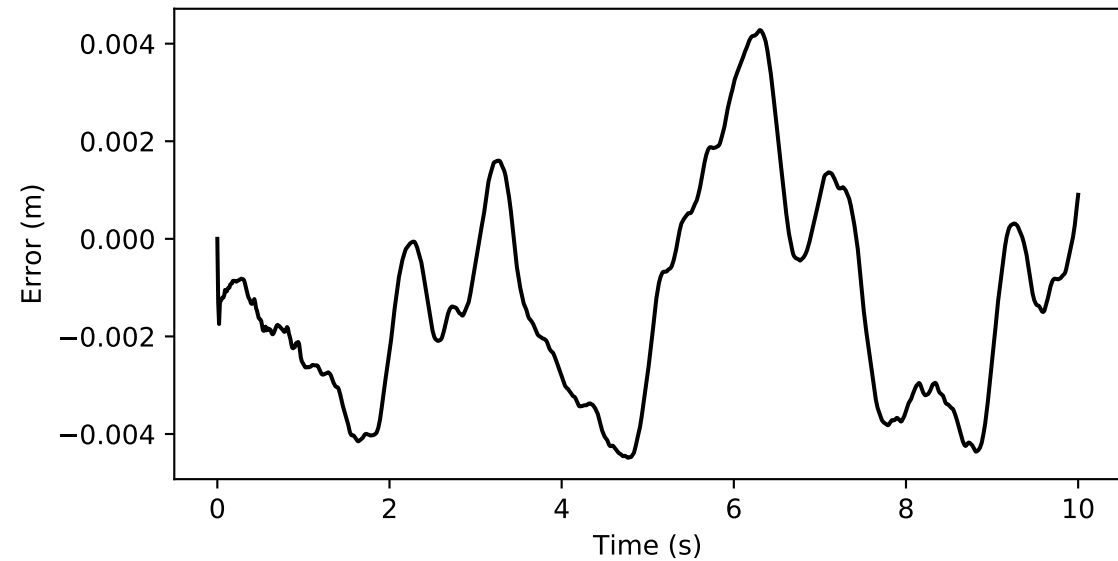
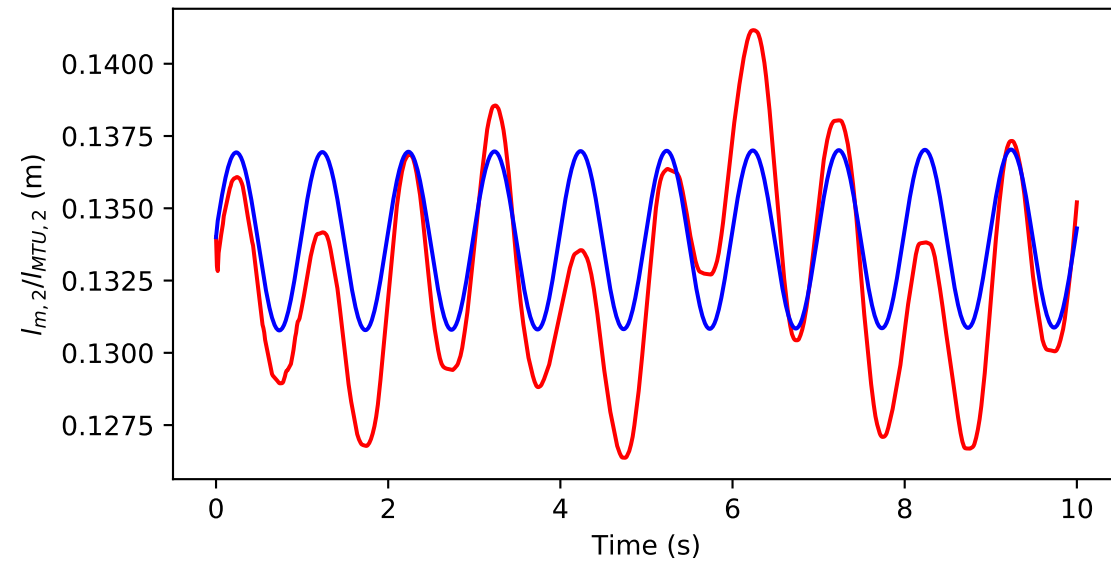
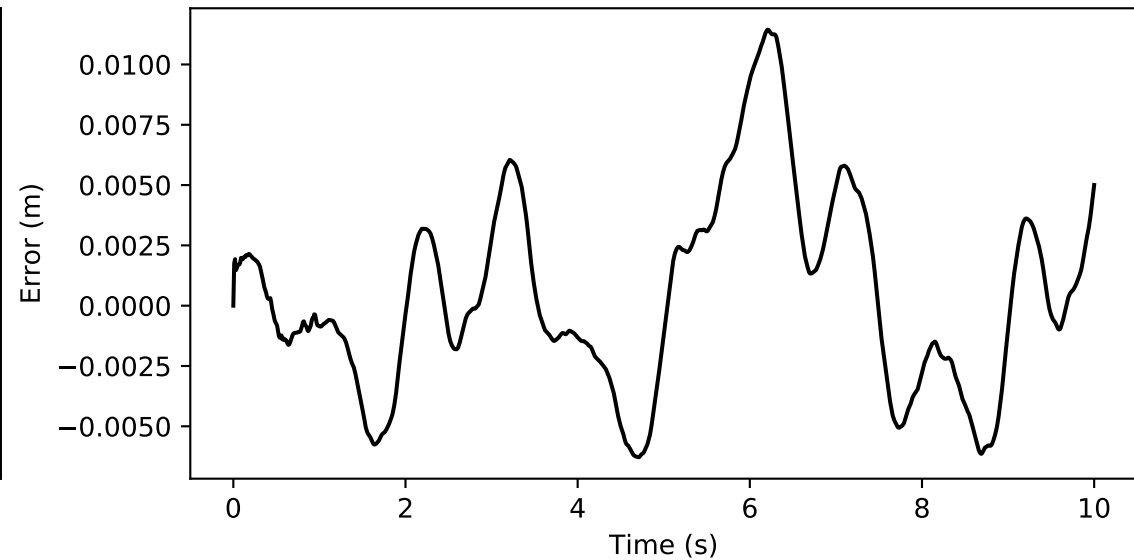
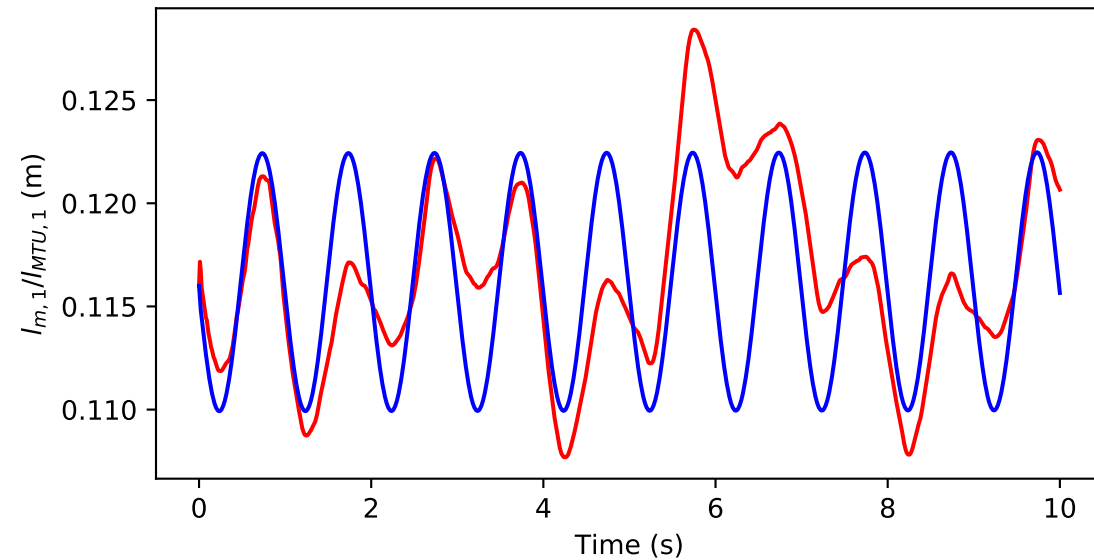


Normalized Muscle Velocities vs. Time

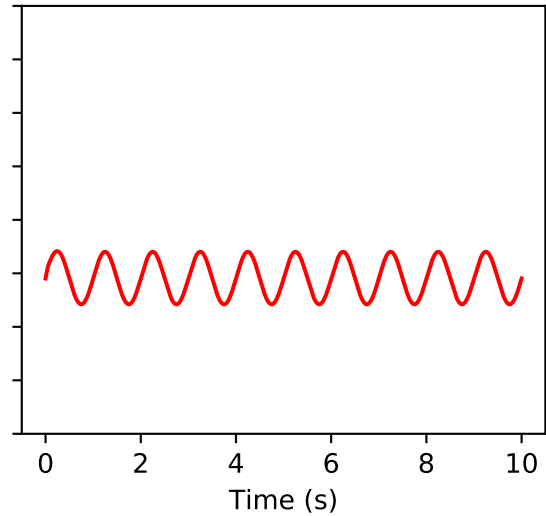
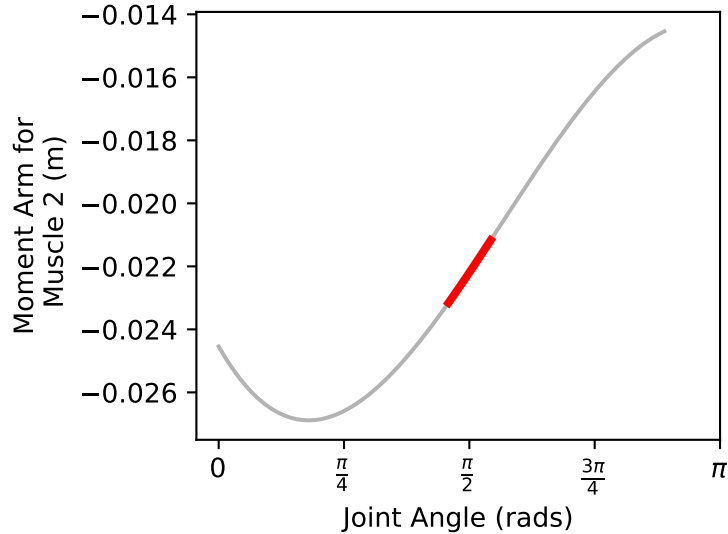
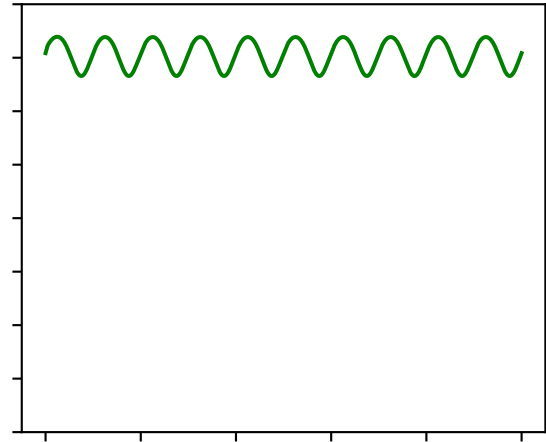
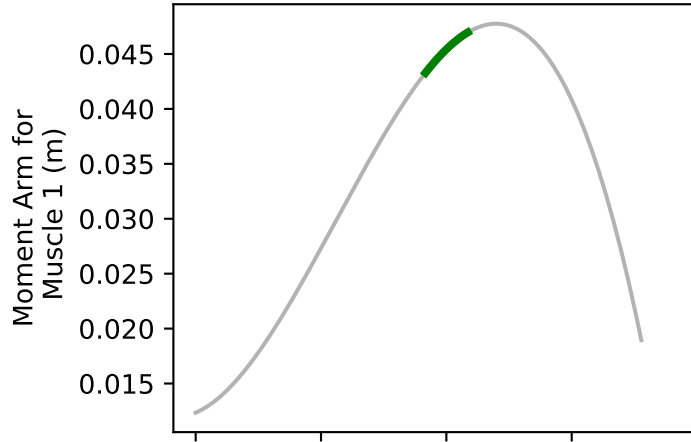




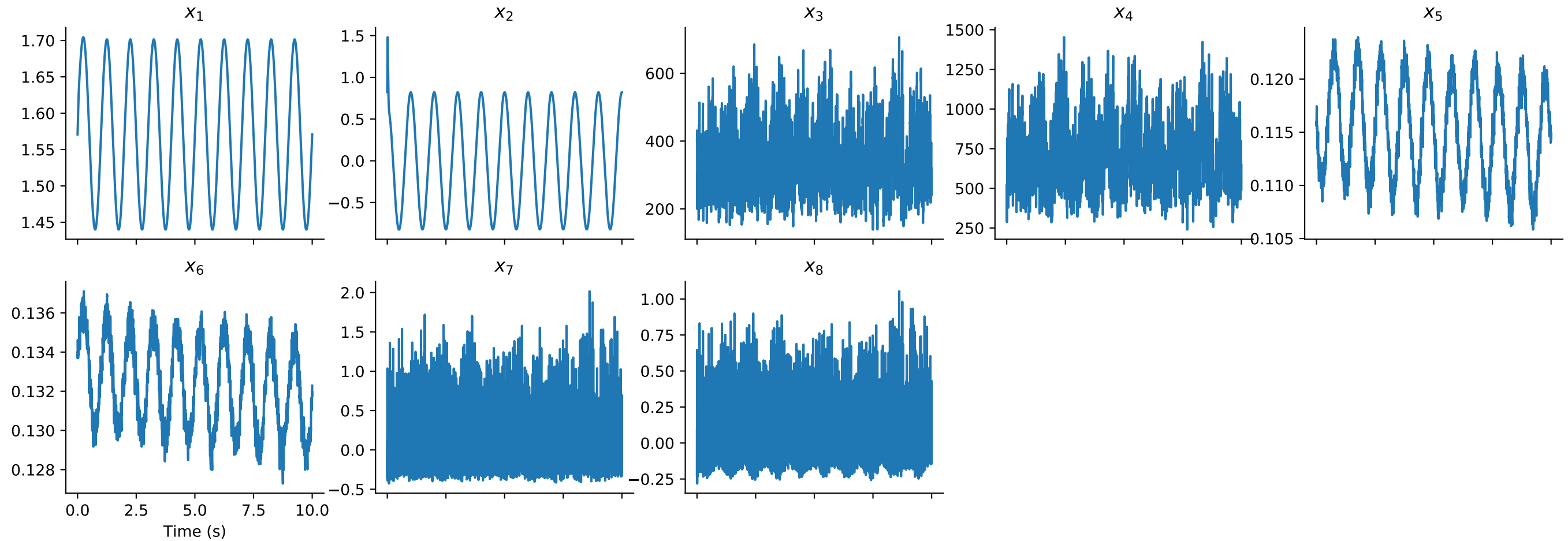
Muscle vs. Musculotendon Lengths  
Muscle Velocity Driven



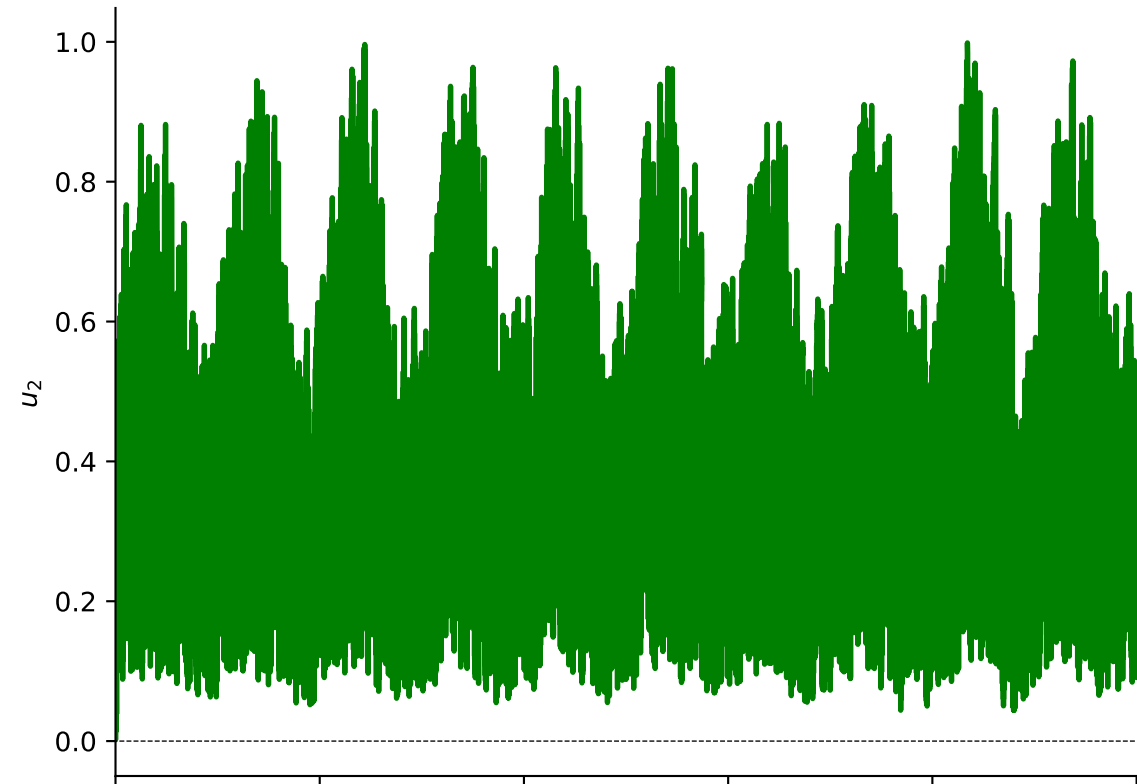
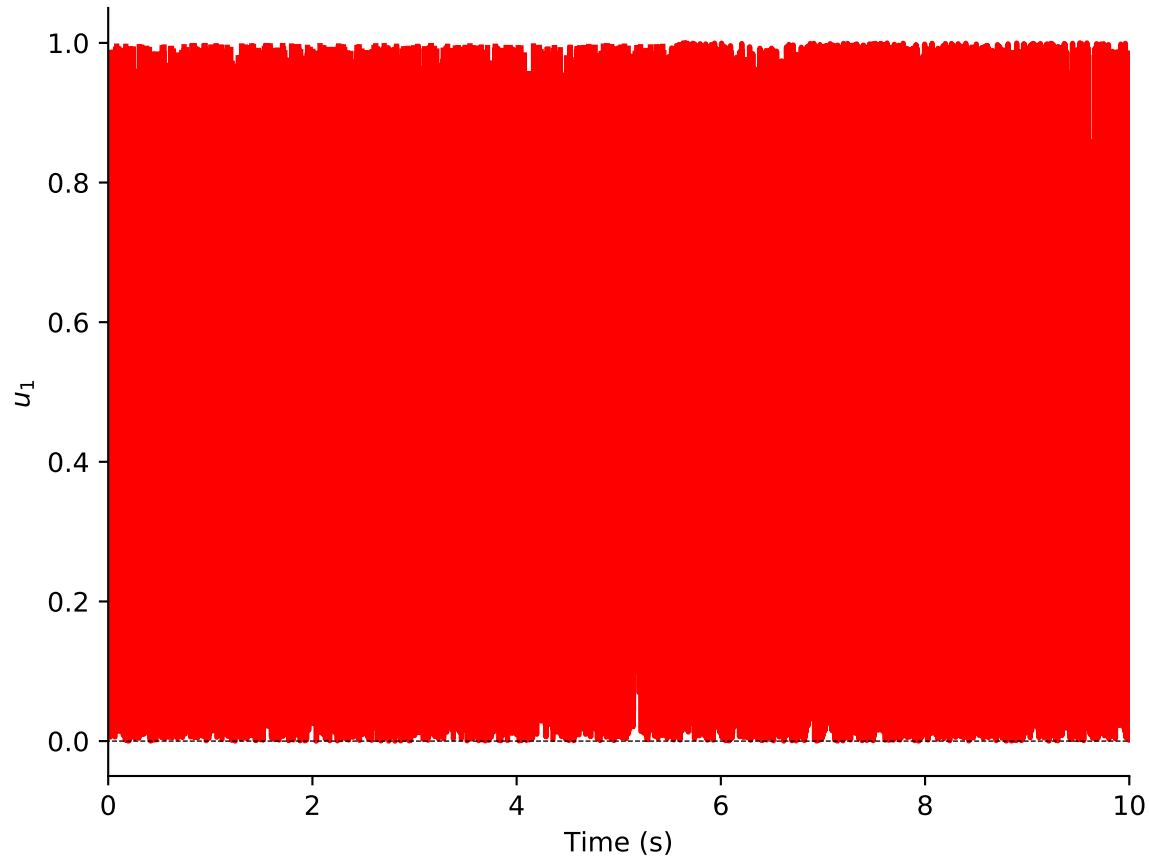
# Moment arm equations (Muscle Activations Driven)



# Muscle Activations Driven



Muscle Activations vs. Time



# Muscle vs. Musculotendon Lengths Muscle Activation Driven

