

Legend:

Actual Angle = red

Desired Angle = blue

Motor Current = green

Axis: mA and degrees vs ms

Desired angle, actual angle and motor current plotted as a function of time

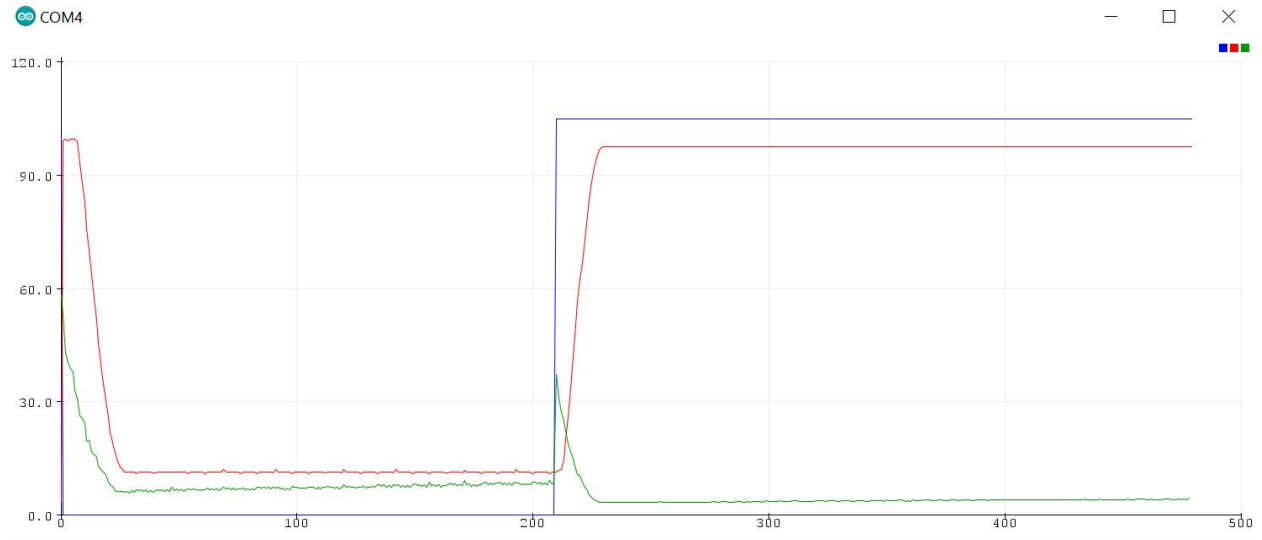


Figure 1: Control loop graph with 15.23g rotational mass

Desired angle, actual angle and motor current plotted as a function of time

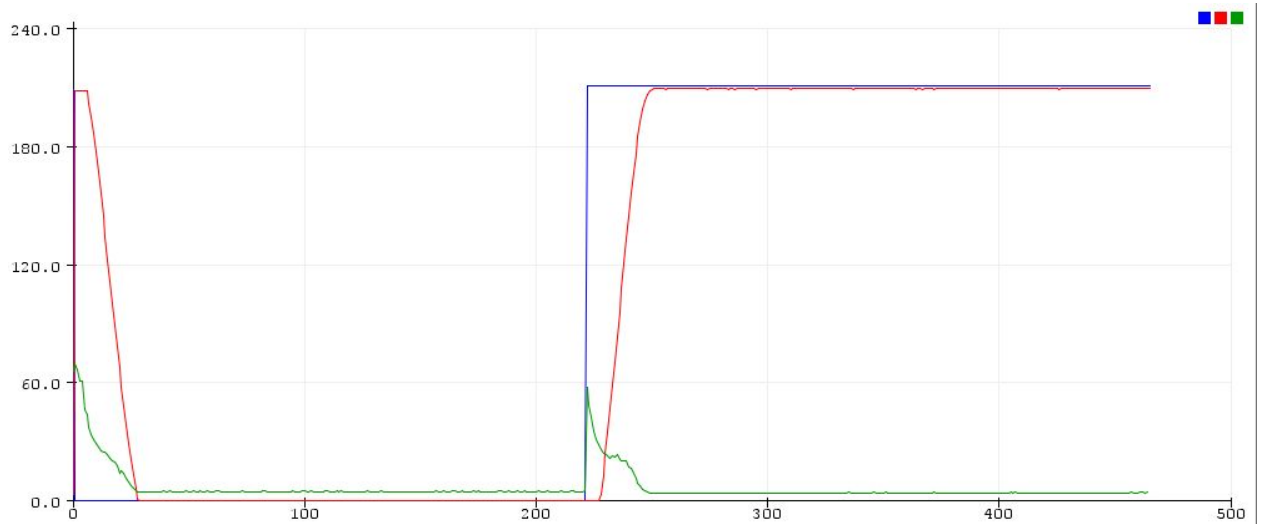


Figure 2: Control loop graph with 25.23g rotational mass

Desired angle, actual angle and motor current plotted as a function of time

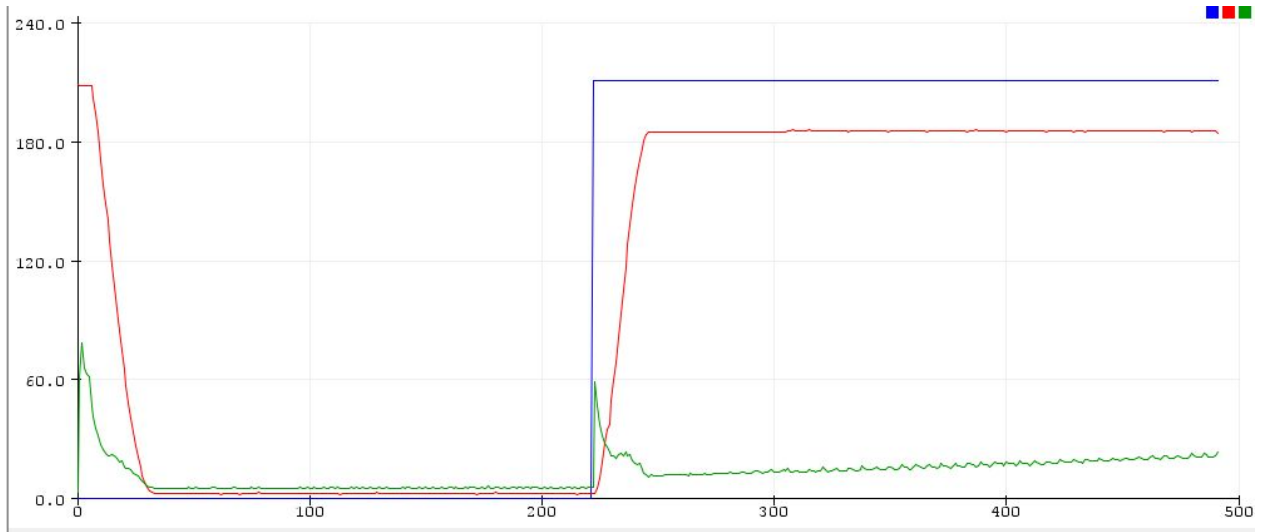


Figure 3: Control loop graph with 30.23g rotational mass

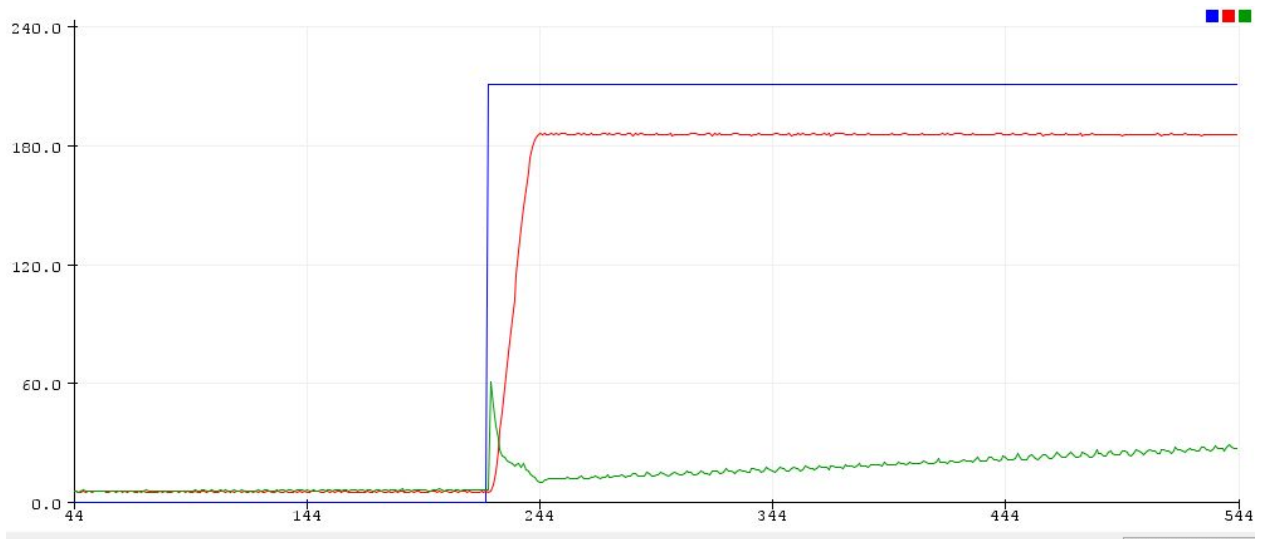


Figure 4: Control loop graph with 35.23g rotational mass

Desired angle, actual angle and motor current plotted as a function of time

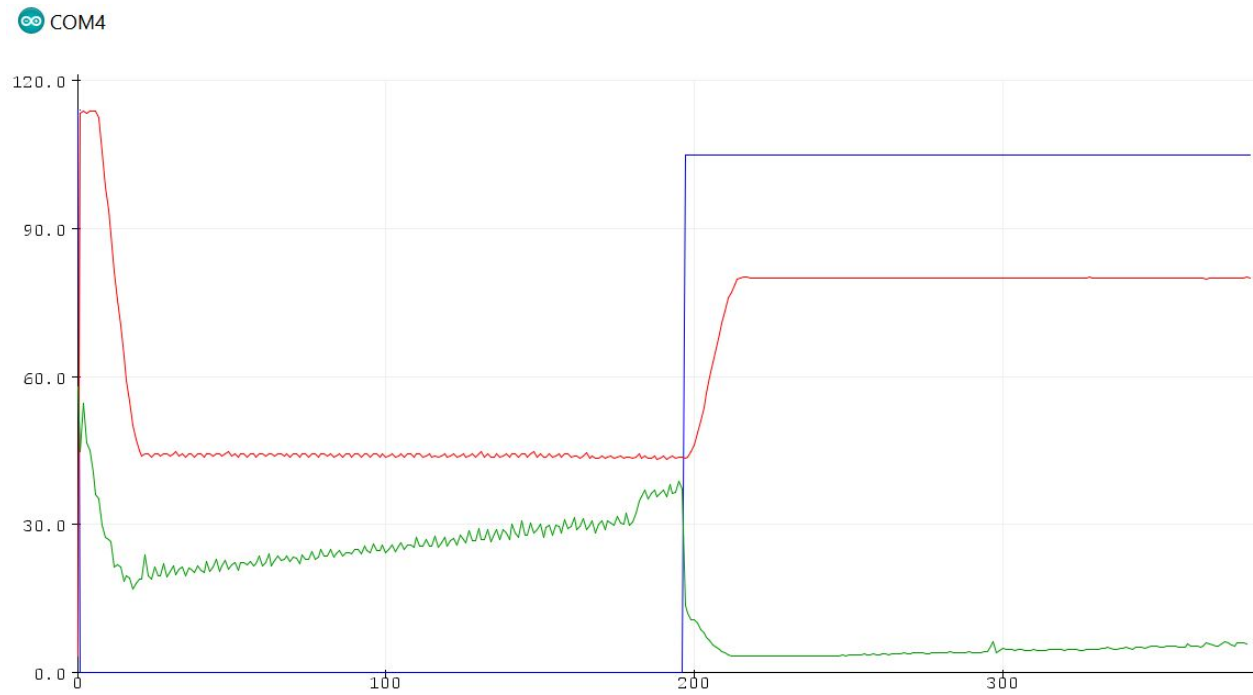


Figure 5: Control loop graph with 55.23g rotational mass