

Figure 1-The simulated step response of the open loop transfer function

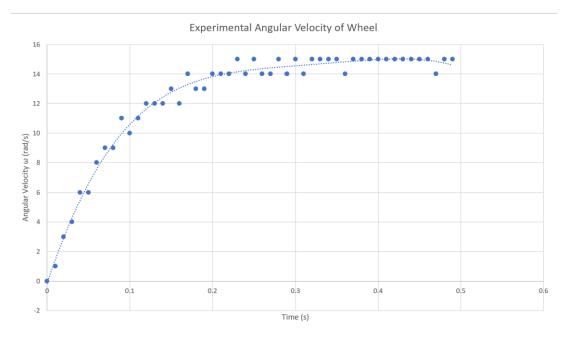


Figure 2-The open loop response of the experimental Arduino and wheel setup

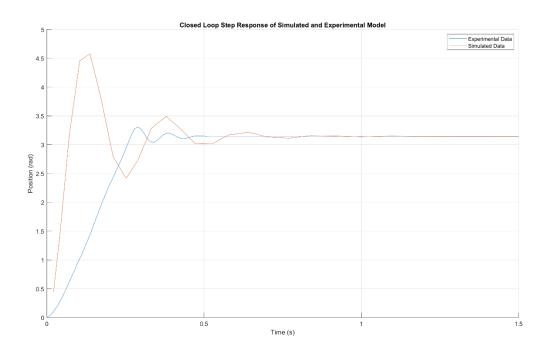


Figure 3-The closed loop response of both the simulated and experimental models

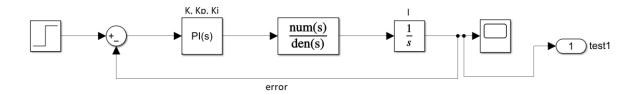


Figure 4-The Simulink model and the corresponding Arduino variables