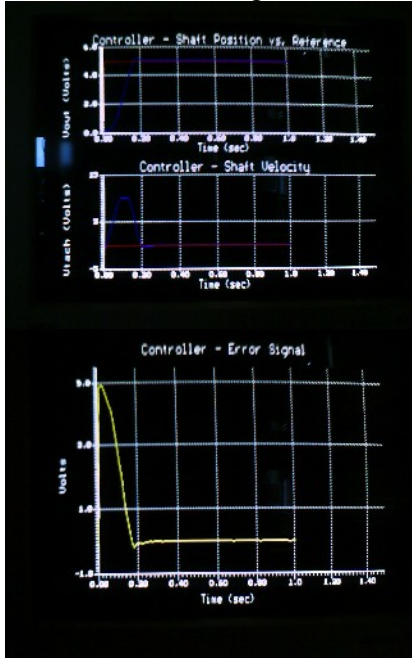
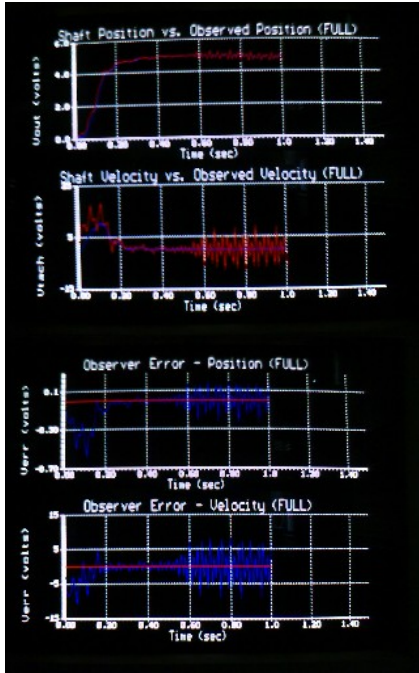


Lab 3 Data

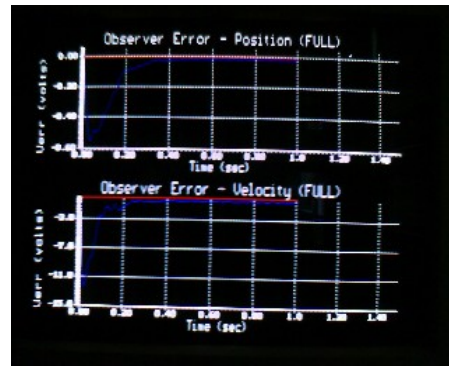
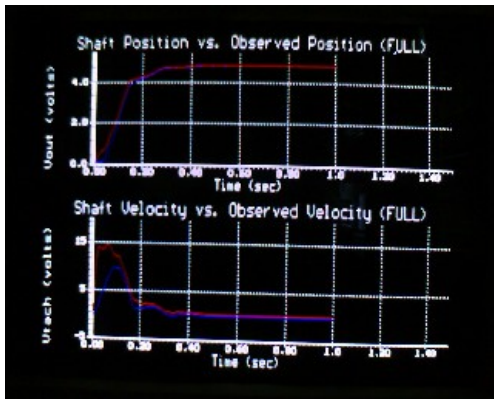
Part 1 Tracker using $K_0 = 2.92$ and $K_1 = 0.61$



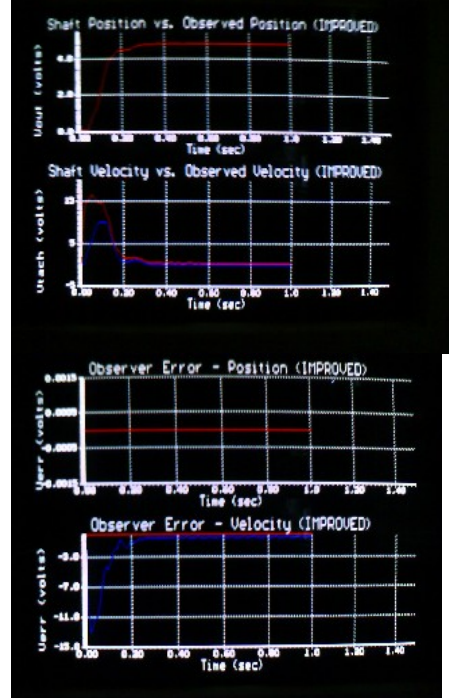
Full Order Observer w/ Deadbeat Gains $K_{O0} = 1.95$, $K_{O1} = 29.8$



Full Observer - Conservative Gains $K_{O0} = 0.83$, $K_{O1} = 4.999$



Improved Observer



Reduced Observer

