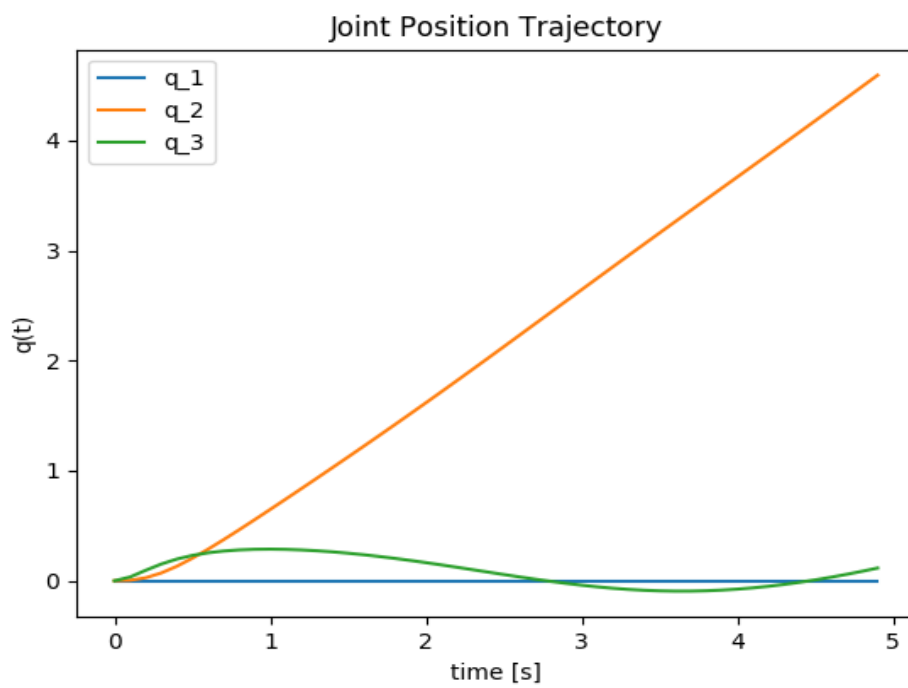
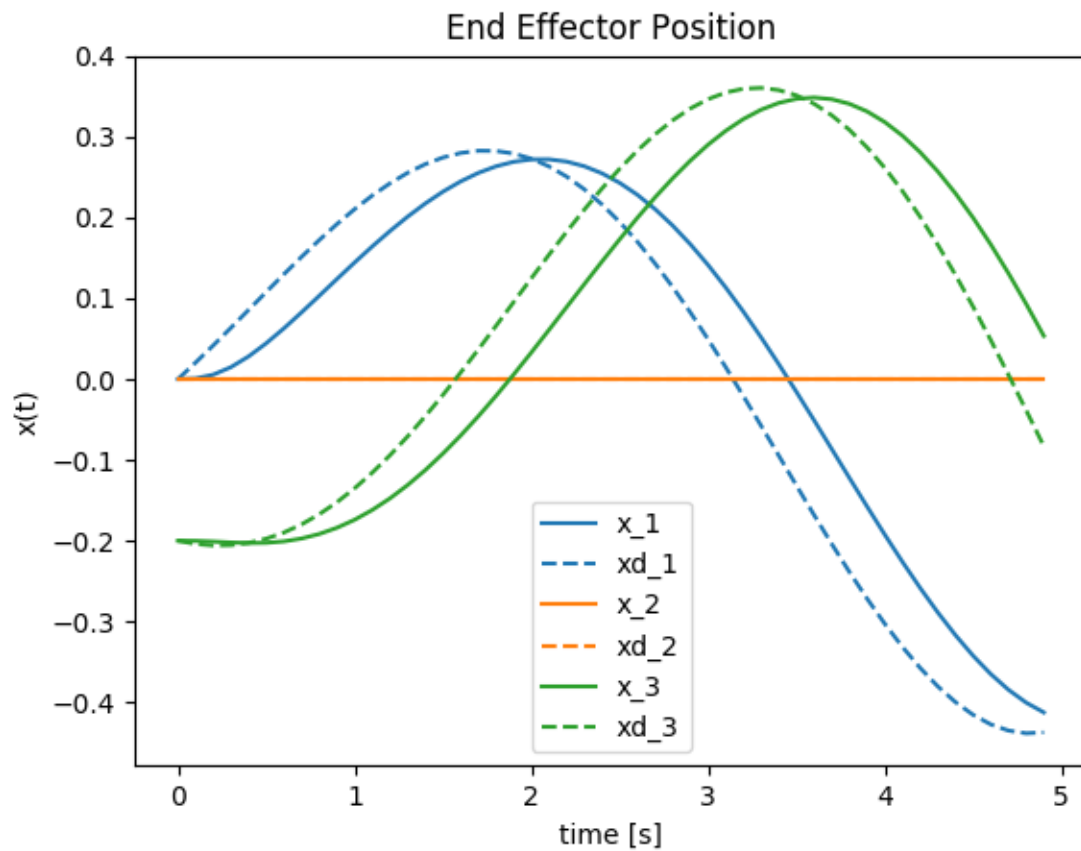


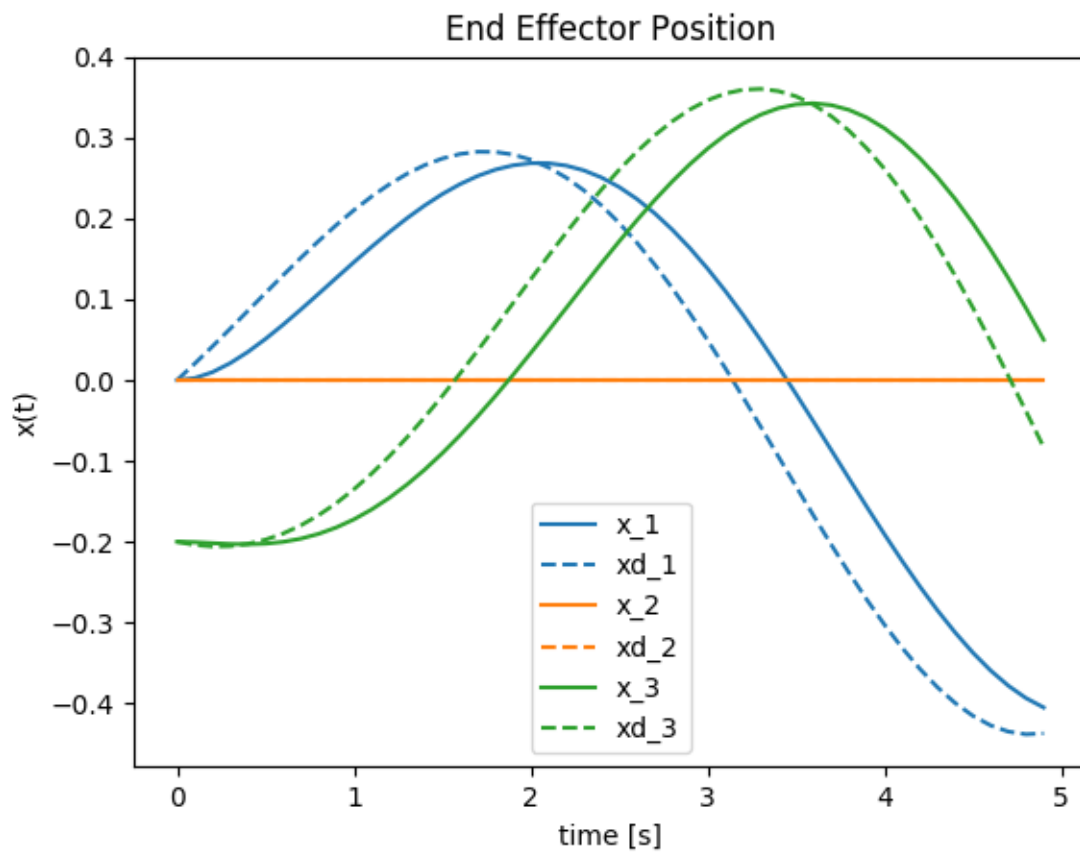
Problem 1d



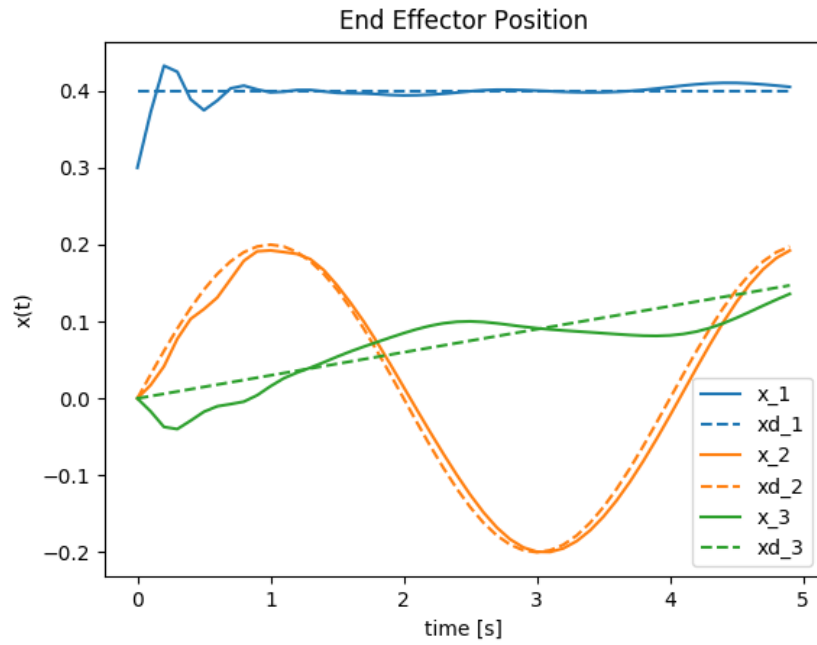
Problem 1e – No Gravity compensation



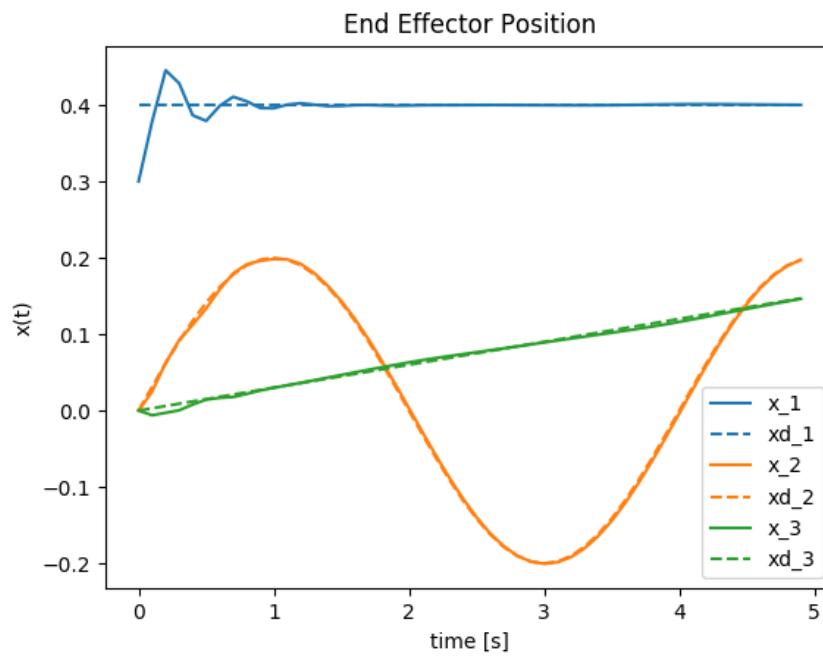
Problem 2b -  $\delta = 0$



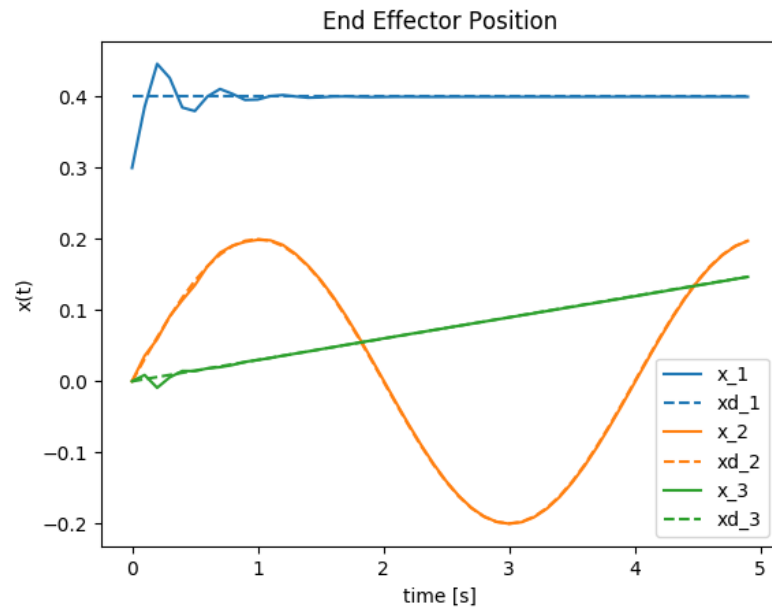
Problem 2c -  $\delta = 30$



Problem 3b :  $\alpha = 1$



Problem 3b:  $\alpha = 0.1$



Problem 3b:  $\alpha = 0.01$