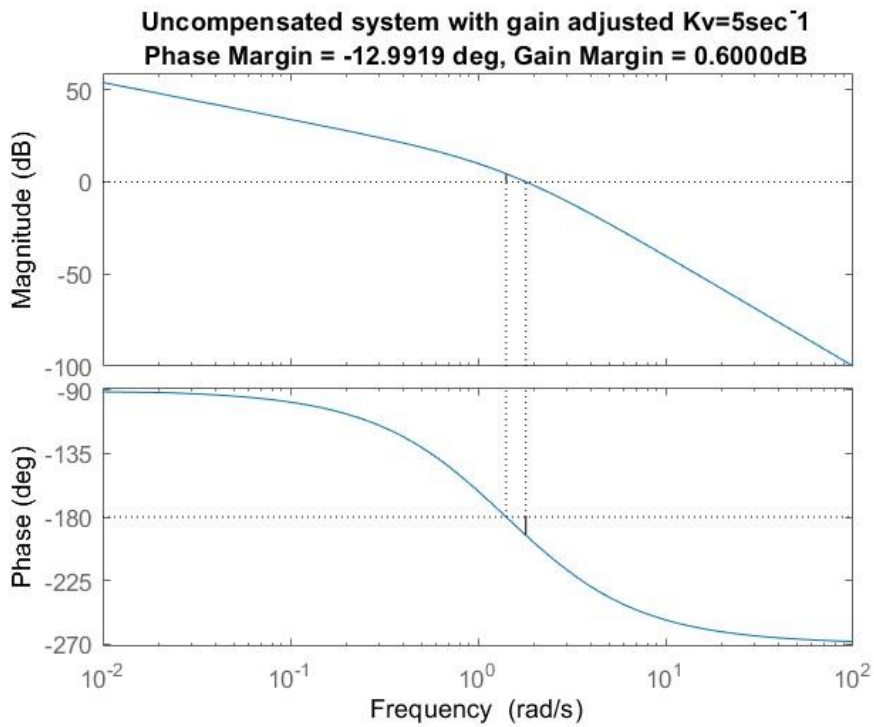
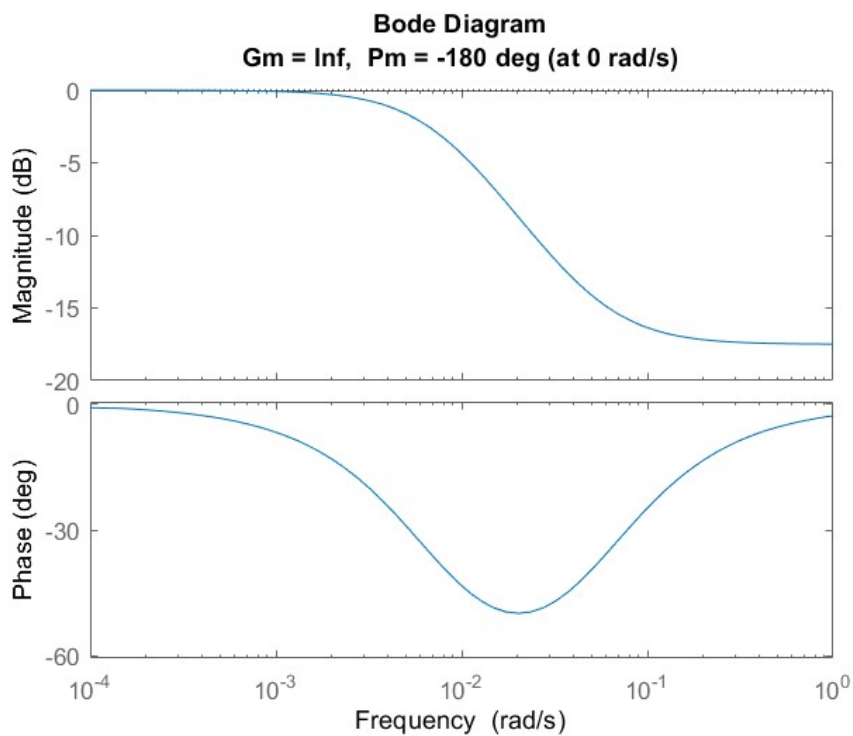


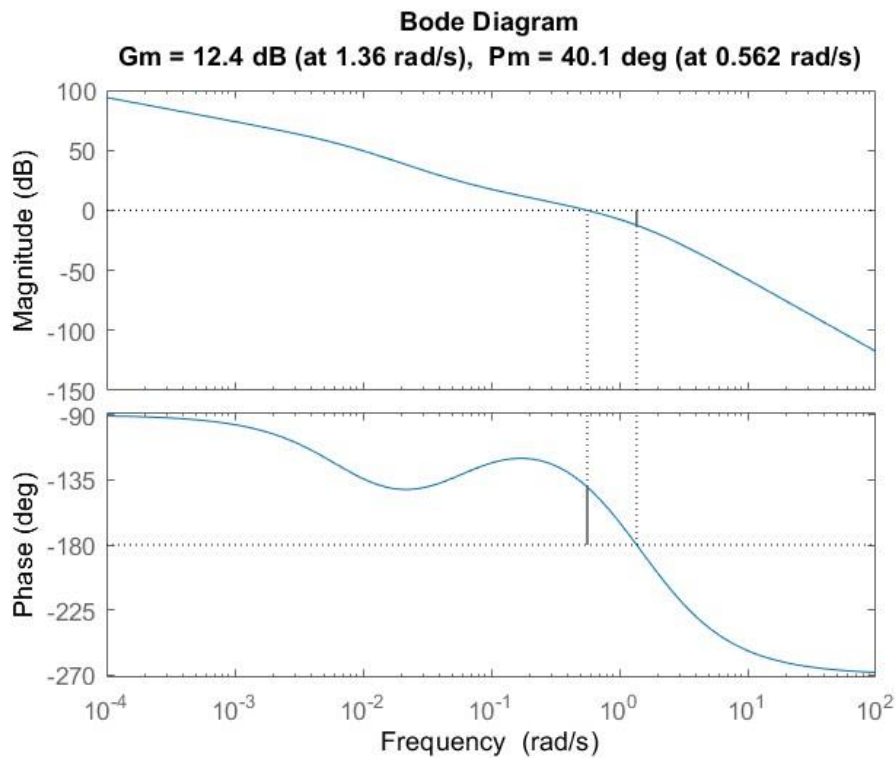
Plots:



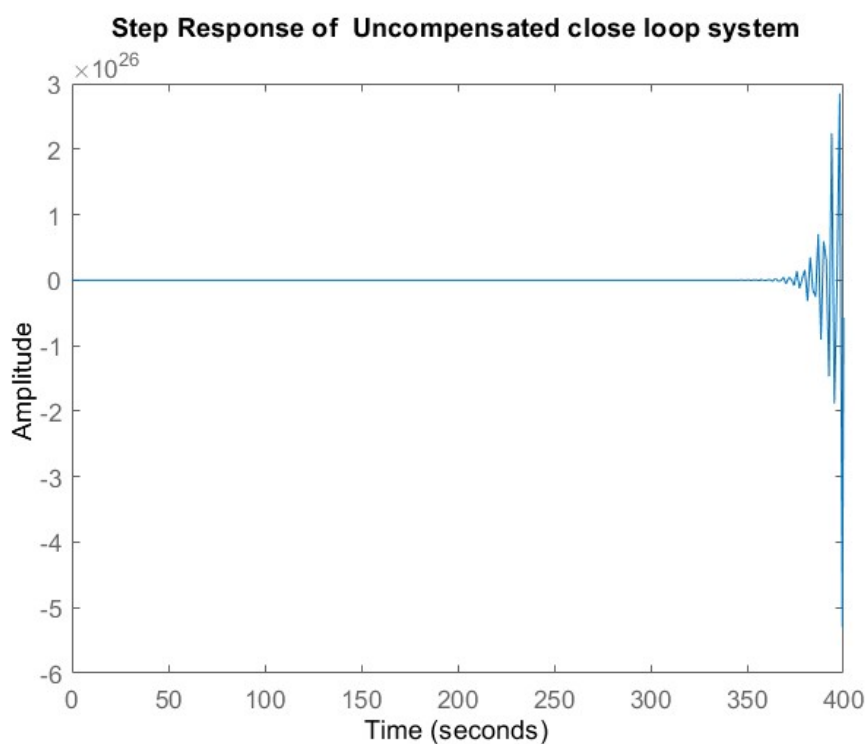
Lag Compensator :



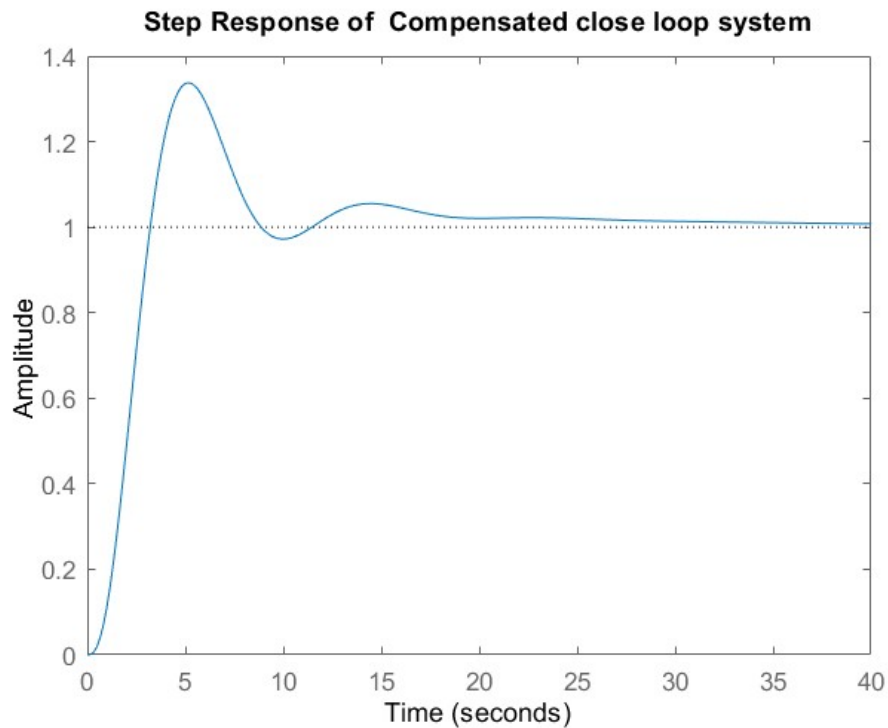
Final Tranfer Function :



Step Response of Uncompensated System :



Step Response of Compensated Close Loop System:

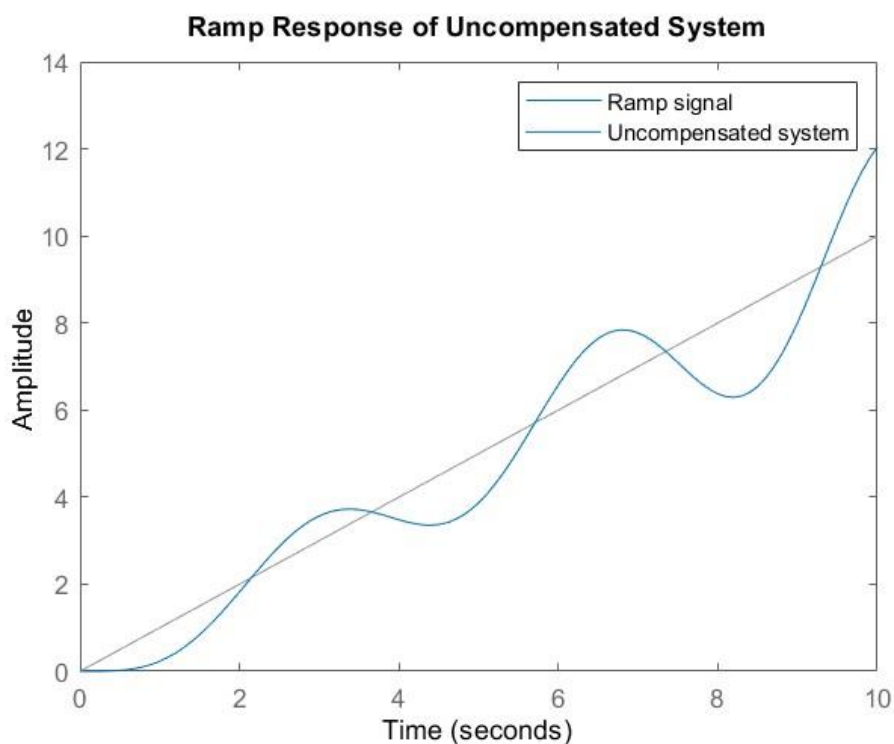


T Peak = 5.03s

T Rise = 4.03s

T Settling = 37.5s

Ramp Response of Uncompensated System :



Ramp Response of Compensated System :

