$\rm ME4010$ Tutorial 3 report

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1013 Ky: hu stay (is) Gr. (2810.1) x & 1/3 for PID, One L(a si 1) (ben)

Lit T= GreG ky: hr k (a8+1) (bsn) 10. 2500.1 3= 4 for PT, GG (5) (941) k Ry=4= ln as. (aser) / 2810.1.K => K=160. 2) T= (60 (ase1) (25+0.1) S (5270-18+4) El Derign of PD Controller 1606 = 160 (28+0.1) 8 (82+0.18+4). Oper Cloud loop bode plot: GIM: 00 PM& rad/s.

Classmate Par so Pres and todd so with asell 450/Lec slop a8 +1: -501. Compensated gun loop both pht:

GH = 87.1°



Figure 1: Step response



Figure 2: Ramp response

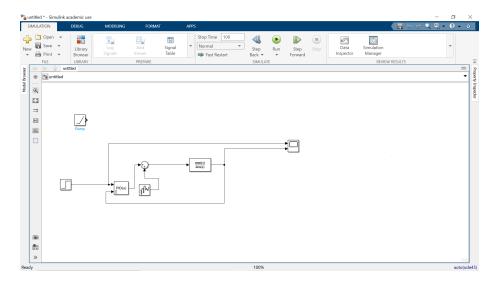


Figure 3: Simulink system