

ELEN3016: CONTROL LAB 1

Group 7

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1 Question 1

1.1 Matlab Simulations

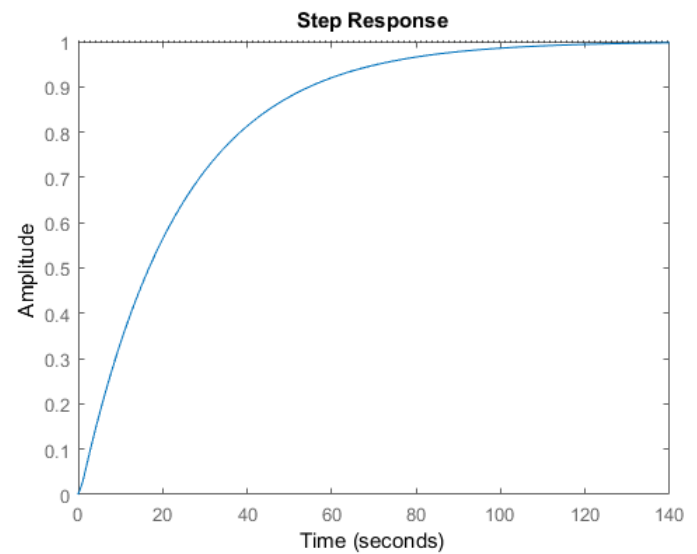
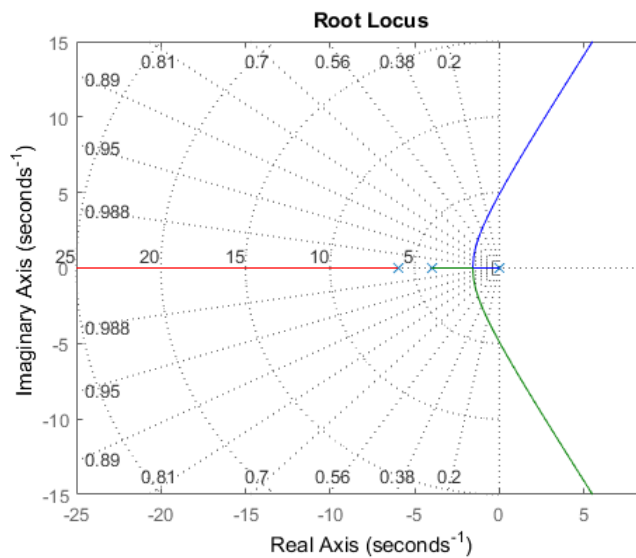


Figure 1: Root-Locus Plot of Plant Transfer Function

Figure 2: Step Response of Plant with Unity Feedback

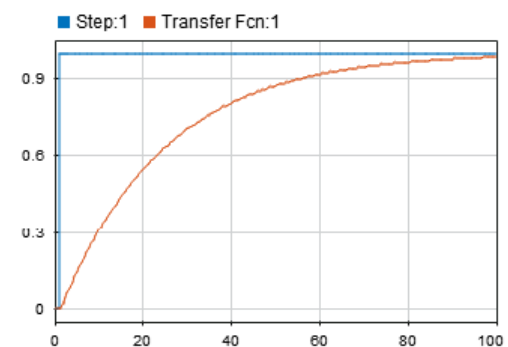
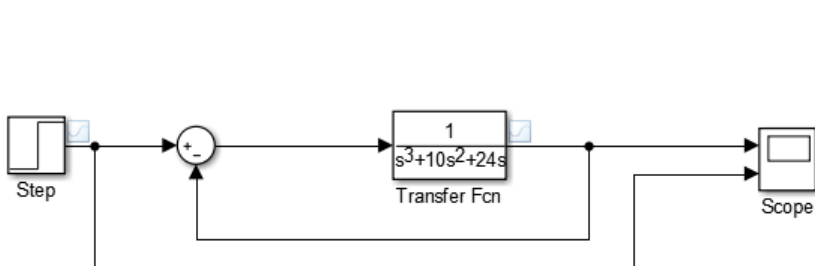


Figure 3: Simulink Simulation

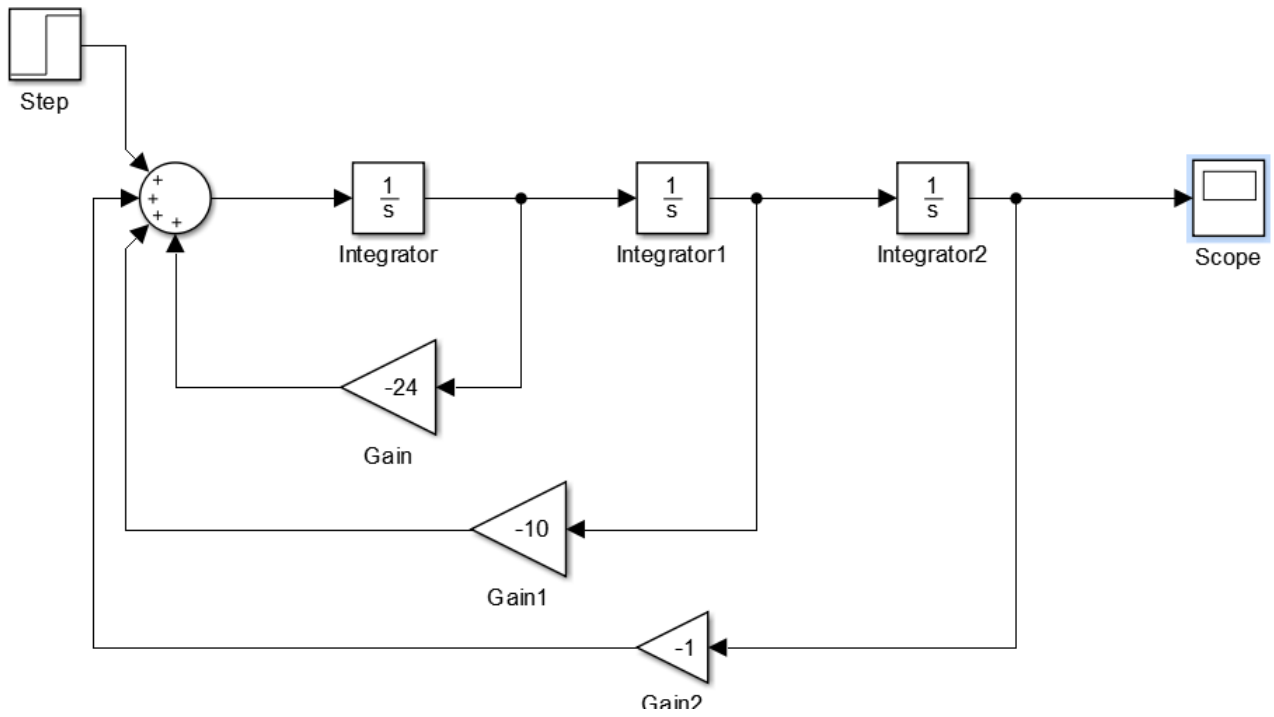


Figure 4: Simulink Simulation