Andrew Gates

Bob Landowski

TCES 455 Devices and Controls

17 October 2016

Lab 2 Summary

1. Conclusions/Observations – In part 1 I learned more in depth how to create transfer functions and connect them to feedback loops. We found out that you need to create a transfer function variable, and then make a function out of that, or just declare a transfer function directly. Then you need to make a feedback loop out of it and call the step function on it to get the output for various values of K. For part 2 we learned how to model a transfer function in Simulink and then how to connect it to MATLAB to receive the data and plot the data.

2. Problems/Challenges – The main challenge was figuring out how to connect Simulink to MATLAB and how to get the Simulink diagram to work properly.