16.06 Principles of Automatic Control

Problem Set 2   Issued: September 17, 2012
                                                    Due: September 24, 2012

Instructions: Do each problem on separate sheets of paper, and staple the sheets for each problem together. Write your name on each problem. Also, please make sure you use the 6th edition of FPE. The 4th and 5th edition numbers the problems differently.

Problem 1

Do Problem 3.21 from FPE. The problems refers to Figure 3.54 in FPE. Use only sub-figures (c) and (d). Also, solve using *both* block diagram reduction and Mason's rule.

Problem 2

Do Problem 3.25 from FPE.

Problem 3

Do Problem 3.32 from FPE.

Problem 4

Do Problem 3.36 from FPE.

Problem 5

Do Problem 3.38 from FPE.

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Fall 2012