

# **EECE 5610: Homework #4**

Due on October 27, 2022 at 11:59pm

Homework should be submitted via Canvas. Late submission is not accepted.

*Professor Milad Siami*

**Problem 1**

Problem 4.5-1 (d) and (f) of the textbook.

**Problem 2**

Problem 4.3-10 (a) and (b) of the textbook.

**Problem 3**

Problem 4.10-1 of the textbook.

Hint: To verify your results with MATLAB you need the following commands (tf2ss, c2d, ss2tf).

**Problem 4**

Problem 5.3-1 of the textbook.