

GEORGIA INSTITUTE OF TECHNOLOGY
School of Electrical and Computer Engineering

ECE 4260

Problem Set #5

Date assigned: February 13, 2017

Date due: February 24, 2017

Reading: Chapter 5 in S & W.

Reminder: Quiz #1 will be Monday February 15, 2017. One $8\frac{1}{2}'' \times 11''$ handwritten sheet is allowed. The Tables on the course website will be provided. It will cover up through Problem Set 4 and Chapter 4.

Problem 5.1 Work problem 5.1 in Stark & Woods.

Problem 5.2 Work problem 5.3 in Stark & Woods.

Problem 5.3 Work problem 5.6 in Stark & Woods. (Typo: refer to Section 5.3 rather than 5.4)

Problem 5.4 Work problem 5.19 in Stark & Woods.

Problem 5.5 Work problem 5.23 in Stark & Woods.

Problem 5.6 Work problem 5.29 in Stark & Woods.

Problem 5.7 Work problem 5.24 part (a) only in Stark & Woods. Feel free to use the Matlab `eig` command.

Problem 5.8 Work problem 5.31 in Stark & Woods.