

ECE 3075A - Fall 2003
Problem Set #5

Assigned: September-17-2003

Due Date: September-24-2003

General Note:

- Homework is due at class time on the “Due Date”; no late homework will be accepted.
- Make a **COVER PAGE** for your homework, including your name, GT number, the problem set number, due date and the date you actually turn it in.

Reading: In *Probabilistic Methods of Signal and System Analysis*, Chapter 3, Sections 3-1 thru 3-2.

PROBLEM 5.1:

Probabilistic Methods of Signal and System Analysis, Chapter 2, Problem 2-6.2

PROBLEM 5.2:

Probabilistic Methods of Signal and System Analysis, Chapter 2, Problem 2-6.6

PROBLEM 5.3:

Probabilistic Methods of Signal and System Analysis, Chapter 2, Problem 2-7.3

PROBLEM 5.4:

Probabilistic Methods of Signal and System Analysis, Chapter 2, Problem 2-8.2

PROBLEM 5.5:

Probabilistic Methods of Signal and System Analysis, Chapter 3, Problem 3-1.1