

ECE 3075A - Fall 2003
Problem Set #8

Assigned: October-15-2003
Due Date: October-22-2003

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 4, Sections 4-3 through 4-6.

PROBLEM 8.1:

Probabilistic Methods of Signal and System Analysis, Chapter 4, Problem 4-2.1

PROBLEM 8.2:

Probabilistic Methods of Signal and System Analysis, Chapter 4, Problem 4-2.5

PROBLEM 8.3:

Probabilistic Methods of Signal and System Analysis, Chapter 4, Problem 4-3.2

PROBLEM 8.4:

Probabilistic Methods of Signal and System Analysis, Chapter 4, Problem 4-4.2

PROBLEM 8.5:

Probabilistic Methods of Signal and System Analysis, Chapter 4, Problem 4-4.3