

ECE 3075A - Fall 2003
Problem Set #9

Assigned: October-22-2003
Due Date: October-29-2003

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 4-7, Chapter 5.

PROBLEM 9.1:

Probabilistic Methods of Signal and System Analysis, Chapter 4, Problem 4-6.1

PROBLEM 9.2:

Probabilistic Methods of Signal and System Analysis, Chapter 4, Problem 4-6.3

PROBLEM 9.3:

Probabilistic Methods of Signal and System Analysis, Chapter 5, Problem 5-1.1

PROBLEM 9.4:

Probabilistic Methods of Signal and System Analysis, Chapter 5, Problem 5-2.2

PROBLEM 9.5:

Probabilistic Methods of Signal and System Analysis, Chapter 5, Problem 5-3.2

PROBLEM 9.6:

Probabilistic Methods of Signal and System Analysis, Chapter 5, Problem 5-4.2