

ECE 3075A - Fall 2003
Problem Set #6

Assigned: September-24-2003
Due Date: October-1-2003

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 3-3 thru 3-6.

PROBLEM 6.1:

Probabilistic Methods of Signal and System Analysis, Chapter 3, Problem 3-1.4

PROBLEM 6.2:

Probabilistic Methods of Signal and System Analysis, Chapter 3, Problem 3-2.1

PROBLEM 6.3:

Probabilistic Methods of Signal and System Analysis, Chapter 3, Problem 3-2.4

PROBLEM 6.4:

Probabilistic Methods of Signal and System Analysis, Chapter 3, Problem 3-3.2

PROBLEM 6.5:

Probabilistic Methods of Signal and System Analysis, Chapter 3, Problem 3-4.1

PROBLEM 6.6:

Probabilistic Methods of Signal and System Analysis, Chapter 3, Problem 3-4.4