

ECE 3075A - Fall 2003
Problem Set #7

Assigned: October-1-2003

Due Date: October-8-2003

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 3-7, Chapter 4, Sections 4-1 and 4-2.

PROBLEM 7.1:

Probabilistic Methods of Signal and System Analysis, Chapter 3, Problem 3-5.1

PROBLEM 7.2:

Probabilistic Methods of Signal and System Analysis, Chapter 3, Problem 3-5.3

PROBLEM 7.3:

Probabilistic Methods of Signal and System Analysis, Chapter 3, Problem 3-5.5

PROBLEM 7.4:

Probabilistic Methods of Signal and System Analysis, Chapter 3, Problem 3-6.1

PROBLEM 7.5:

Probabilistic Methods of Signal and System Analysis, Chapter 3, Problem 3-7.4