

ECE 3075A - Fall 2003
Problem Set #13

Assigned: November-19-2003
Due Date: November-26-2003

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 7, Section 6-9, Chapter 8, Section 1-2.

PROBLEM 13.1:

Probabilistic Methods of Signal and System Analysis, Chapter 5, Problem 7-3.4

PROBLEM 13.2:

Probabilistic Methods of Signal and System Analysis, Chapter 6, Problem 7-6.2

PROBLEM 13.3:

Probabilistic Methods of Signal and System Analysis, Chapter 6, Problem 7-6.3

PROBLEM 13.4:

Probabilistic Methods of Signal and System Analysis, Chapter 6, Problem 7-7.1

PROBLEM 13.5:

Probabilistic Methods of Signal and System Analysis, Chapter 5, Problem 7-8.1

PROBLEM 13.6:

Probabilistic Methods of Signal and System Analysis, Chapter 5, Problem 7-9.1