

ECE 3075A - Fall 2003
Problem Set #12

Assigned: November-12-2003
Due Date: November-19-2003

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 6, Sections 9, Chapter 7, Section 1-3.

PROBLEM 12.1:

Probabilistic Methods of Signal and System Analysis, Chapter 5, Problem 6-8.1

PROBLEM 12.2:

Probabilistic Methods of Signal and System Analysis, Chapter 6, Problem 6-8.2

PROBLEM 12.3:

Probabilistic Methods of Signal and System Analysis, Chapter 6, Problem 7-2.1

PROBLEM 12.4:

Probabilistic Methods of Signal and System Analysis, Chapter 6, Problem 7-2.2

PROBLEM 12.5:

Probabilistic Methods of Signal and System Analysis, Chapter 5, Problem 7-3.1

PROBLEM 12.6:

Probabilistic Methods of Signal and System Analysis, Chapter 5, Problem 7-3.3

PROBLEM 12.7:

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