

**ECE 3075A - Summer 2003**  
**Problem Set #9**

Assigned: July-14-2003

Due Date: July-21-2003

**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, Sections 7-6 through 7-8, Sections 7-11, and Chapter 8, Sections 8-1 through 8-4.

**PROBLEM 9.1:**

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

**PROBLEM 9.2:**

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

**PROBLEM 9.3:**

*Probabilistic Methods of Signal and System Analysis*, Chapter 7, Problem 7-6.1.

**PROBLEM 9.4:**

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

**PROBLEM 9.5:**

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

**PROBLEM 9.6:**

*Probabilistic Methods of Signal and System Analysis*, Chapter 7, Problem 7-11.1.