

**ECE 4270 - Summer 2004  
Homework Assignment #5**

Assigned: June-10-2004

Due Date: June-16-2004

**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 and GT number. You can find a sample cover sheet in the website for class resources. Staple your homework together; the TA will not be responsible for missing pages.
- Solutions will be available on the course web site after each corresponding due date.

**Graded Problems:**

**PROBLEM 5.1:**

*Discrete-Time Signal Processing, 2nd Edition, Chap. 4, Prob.4.42, page 225.*

**PROBLEM 5.2:**

*Discrete-Time Signal Processing, 2nd Edition, Chap. 4, Prob.4.44, page 226.*

**PROBLEM 5.3:**

*Discrete-Time Signal Processing, 2nd Edition, Chap. 4, Prob.4.46, page 227.*

**PROBLEM 5.4:**

*Discrete-Time Signal Processing, 2nd Edition, Chap. 4, Prob.4.53, page 231-2.*