

GEORGIA INSTITUTE OF TECHNOLOGY  
School of Electrical and Computer Engineering

**ECE 4270**  
Fundamentals of Digital Signal Processing

Assigned: Tuesday, Nov. 17, 2009

Due: Tuesday, Nov. 24, 2009

**Problem Set #11**

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**Reading:** Read the following sections from Oppenheim and Schafer:  
Chapter 7: Sections 7.4–7.5

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**Problem 11.1:** Work Oppenheim and Schafer Problem 7.16 on page 515.

**Problem 11.2:** Work Oppenheim and Schafer Problem 7.30 on page 520.

**Problem 11.3:** Work Oppenheim and Schafer Problem 7.36 on page 522.

**Problem 11.4:** Work Oppenheim and Schafer Problem 7.38 on page 523.

**Problem 11.5:** Work Oppenheim and Schafer Problem 7.55 on page 537.