

GEORGIA INSTITUTE OF TECHNOLOGY
School of Electrical and Computer Engineering

ECE 4270
Fundamentals of Digital Signal Processing

Assigned: Thursday, Sept 10, 2009
Due: Thursday, Sept. 17, 2009

Problem Set #4

Reading: Read the following sections from Oppenheim and Schafer:
Chapter 2, Sections 2.9–2.10, pp. 58–70, Chapter 3, Section 3.1-3.3.

Problem 4.1: Work Oppenheim and Schafer Problem 2.89 on page 92.

Problem 4.2: Work Oppenheim and Schafer Problem 3.3 on page 127.

Problem 4.3: Work Oppenheim and Schafer Problem 3.16 on page 130.

Problem 4.4: Work Oppenheim and Schafer Problem 3.23 on page 132.

Problem 4.5: Work Oppenheim and Schafer Problem 3.27 on page 133.

Problem 4.6 (Optional): Work Oppenheim and Schafer Problem 2.84 on page 91.