

GEORGIA INSTITUTE OF TECHNOLOGY  
School of Electrical and Computer Engineering

**ECE 4270**  
Fundamentals of Digital Signal Processing

Assigned: Thursday, March 2, 2017  
Due: Tuesday, March 14, 2017

**Problem Set #7**

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Note also that all the problems are from the **Second** edition of Oppenheim and Schafer.

**Problem 7.1:** Work Oppenheim and Schafer Problem 5.19 on page 317.

**Problem 7.2:** Work Oppenheim and Schafer Problem 5.42 on page 327.

**Problem 7.3:** Work Oppenheim and Schafer Problem 5.40 on page 325.

**Problem 7.4:** Work Oppenheim and Schafer Problem 5.45 on page 328.

**Problem 7.5:** Work Oppenheim and Schafer Problem 5.48 on page 329.

**Problem 7.6:** Work Oppenheim and Schafer Problem 5.62 on page 334.

**Problem 7.7:** Work Oppenheim and Schafer Problem 5.64 on page 335.