

GEORGIA INSTITUTE OF TECHNOLOGY
School of Electrical and Computer Engineering

ECE 4270
Fundamentals of Digital Signal Processing

Assigned: Thursday, Feb. 2, 2017
Due: Tuesday, Feb. 14, 2017

Note that this HWK carries twice the points of a regular HWK, i.e., it counts like two HWKs

Problem Set #4

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

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 3.27 on page 133.

Problem 4.4: Work Oppenheim and Schafer Problem 3.31 on page 133.

Problem 4.5: Work Oppenheim and Schafer Problem 3.32 on page 133.

Problem 4.6: Work Oppenheim and Schafer Problem 3.40 on page 135.

Problem 4.7: Work Oppenheim and Schafer Problem 3.44 on page 136.

Problem 4.8: Work Oppenheim and Schafer Problem 3.46 on page 136.

Problem (optional) 4.9: Work Oppenheim and Schafer Problem 3.16 on page 130.

Problem (optional) 4.10: Work Oppenheim and Schafer Problem 3.23 on page 132.