

**ECEn 487 - Introduction to Digital Signal Processing**

**Winter 2013**

Homework 4

Due at midnight on Tuesday, February 5, 2013.

All problems come from *Discrete-Time Signal Processing* by Alan V. Oppenheim and Ronald W. Schaffer unless otherwise specified.

1. Problem 4.37
2. Problem 4.58
3. Problem 5.12
4. Problem 5.28
5. Problem 5.34
6. Problem 5.54
7. Save for next problem set: Problem 5.44
8. Save for next problem set: Problem 5.19 (answer at back of book)