

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

**Winter 2013**

Homework 5

Due at midnight on Tuesday, February 12, 2013.

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

1. Problem 5.15 (answer at back of book)
2. Problem 5.19 (answer at back of book)
3. Problem 5.44
4. Problem 5.45
5. Problem 5.57
6. Problem 8.3