ECEn 487 - Introduction to Digital Signal Processing

Winter 2013

Homework 2

Due at midnight on Tuesday, January 22, 2013.

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

1. Problem 3.3 (answer at back of book)
2. Problem 3.30
3. Problem 3.54 (remember that $(ab)^* = a^*b^*$)
4. Problem 3.37
5. Problem 3.42
6. Problem 3.44