ECEn 487 - Introduction to Digital Signal Processing

Winter 2014

Homework 6

Due at the beginning of class on February 19, 2014.

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

1. Problem 8.10 (answer at back of book)
2. Problem 8.17 (answer at back of book)
3. Problem 8.37
4. Problem 8.55 (this is the basis for the FFT in the next chapter)
5. Problem 8.66
6. Problem 8.67