

ECEn 487 - Introduction to Digital Signal Processing

Winter 2013

Homework 6

Due at midnight on Tuesday, February 19, 2013.

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

1. Problem 8.10 (answers at back of book)
2. Problem 8.17 (answers 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