

**ECEn 670**

**Homework Problem Set 1**

Due at beginning of class, Thursday, September 12, 2013

Problems are from *An Introduction to Statistical Signal Processing* by Gray and Davisson unless otherwise specified.

Review problems from appendix (pages 431-432):

1. A.1
2. A.4
3. A.8
4. A.12

Main problems

1. 2.3
2. 2.7, note this should be for  $n = 0, 1, 2, \dots$
3. 2.9
4. 2.10
5. 2.16
6. 2.23
7. 2.26