

**ENEE 420  
FALL 2007  
COMMUNICATIONS SYSTEMS**

**HOMEWORK # 3  
Due October 16, 2007**

Please work out the **ten** (10) attached problems. **Show** work and **explain** reasoning. Three (3) problems, selected at random amongst these ten problems, will be graded.

1. \_\_\_\_\_

Exercise 3.2 (Haykin, p. 239)

2. \_\_\_\_\_

Exercise 3.3 (Haykin, p. 239)

3. \_\_\_\_\_

Exercise 3.4 (Haykin, p. 239)

4. \_\_\_\_\_

Exercise 3.5 (Haykin, p. 239)

5. \_\_\_\_\_

Exercise 3.6 (Haykin, p. 239)

6. \_\_\_\_\_

Exercise 3.16 (Haykin, p. 242)

7. \_\_\_\_\_

Exercise 3.17 (Haykin, p. 242)

8. \_\_\_\_\_

### HW # 3

Exercise 3.18 (Haykin, p. 242)

9. \_\_\_\_\_

Exercise 3.19 (Haykin, p. 242)

10. \_\_\_\_\_

Exercise 3.22 (Haykin, p. 242)

\_\_\_\_\_