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)