

# HOMEWORK 9 OF ELEC 430\*

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**Exercise 1**

*Proakis and Salehi*, Problems 4.22 and 4.28

**Exercise 2**

*Proakis and Salehi*, Problems 4.21 and 4.25

**Exercise 3**

*Proakis and Salehi*, Problems 10.1 and 10.6

**Exercise 4**

*Proakis and Salehi*, Problems 10.8 and 10.9

**Exercise 5**

For this problem of the homework, please either make up a problem relevant to chapters 6 or 7 of the notes or find one from your text book or other books on Digital Communication, state the problem clearly and carefully and then solve.

NOTE: If you would like to choose one from your textbook, please reserve your problem on the white board in my office. (You may not pick a problem that has already been reserved.)

Please write the problem and its solution on separate pieces of paper so that I can easily reproduce and distribute them to others in the class.

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