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Northwestern University

Department of Electrical and Computer Engineering

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ECE 222
Fall 2004

Problem set 7:
Date Issued: Nov. 15
Date Due: Nov. 24

Reminder: There will be no class on Wed., Nov. 24. You can either turn your homework in during class on Tues., Nov. 23 or you can put it in my mailbox by 4:00pm on Wed., Nov. 24.

Reading Assignment: Sect. 5.1-5.6, 5.8 in Oppenheim and Wilsky. Skim over Section 5.7 (this will not be covered in detail.)

Do the following problems in Oppenheim and Wilsky. Be sure to clearly explain your work and state any assumptions that you make. Note for the first two problems, the answer is given in the back of the book - in your solution, you need to show how this answer is obtained.

- 5.6

- 5.9

- 5.21 (a) - (d), (k).

- 5.23.

- 5.34.