Homework Set 5 EECS 550 Due: Thurs., Oct. 28, 2004

Homework submission policy: same as in previous weeks

Problems from Chapter 2:

1. Ex. 2.15 (a), p. 28
2. Ex. 2.16, p. 29

Problems from Chapter 4:

3. Ex. 4.1, p. 5
4. Ex. 4.2, p. 6
5. Ex. 4.3, p. 6
6. Ex. 4.5, p. 7
7. Ex. 4.10, p.10, also compute the variation distance and verify that (4-25) holds
8. Ex. 4.13 (a), p. 14
9. Ex. 4.26 (a),(c), p. 21
10. Ex. 4.27, p. 21
11. Ex. 4.33, (a) and (b) for encryption rules (1) and (3), p. 23 cryptography (F95?)