

Problem set - III

Information Theory for Wireless Communications (Part-I, Spring 2012)

- 1) Prove Theorem 1 which was stated in Lecture 13.
- 2) Solve problems 5.6, 5.8, 5.12, 5.23, 6.2, 6.7 and 6.9 from the Fundamentals of Wireless Communications book.
- 3) Solve problem 4.11 from the Network Information Theory book.