

Date Assigned: 10 November 2004.

Date Due: 17 November 2004 in class.

Suggested Reading: Chapter 13 and Section 14.1.

1. *Rate Splitting Multiple Access*
Exercise 6.7 (page 328) from [1]. The following exercise, numbered 6.8, will make for good reading.
2. Problem 13.1 from your text.
3. Problem 14.7 from your text. You might have to read Section 14.6 first.

References

- [1] D. Tse and P. Viswanath, *Fundamentals of Wireless Communication*, Cambridge University Press, 2005. A draft of this upcoming book can be downloaded from www.ifp.uiuc.edu/~pramodv/pubs/book090904.pdf .