

UNIVERSITY OF TEXAS AT DALLAS
Department of Electrical Engineering

EE 6391 - Signaling and Coding for Wireless Communication Systems
Problem Set #1: Mobile Radio Propagation

Date assigned: January 24, 2006

Date due: January 31, 2006

Homework is due at the beginning of class. Late homework will not be accepted.

Reading: "Propagation measurements and models for wireless communication channels," J. Andersen, T. Rappaport, S. Yoshida, IEEE Comm. Mag, Jan. 1995.

You may use any computer program to help you solve these problems, check answers, etc.

Problem 1.1

Chapter 2 - Problem 8 in *Wireless Communications* by A. Goldsmith.

Problem 1.2

Chapter 2 - Problem 14 in *Wireless Communications* by A. Goldsmith.

Problem 1.3

Chapter 2 - Problem 21 in *Wireless Communications* by A. Goldsmith.