

EE/Ma 226 Advanced Information Theory
April 9, 2005

R. J. McEliece
162 Moore

Homework Assignment 2, Version 1.0
Due (in class) 9am April 15, 2005

Reading:

Problems to Hand In:

Problem 1. Refer to Robbins' inequality (see class notes from Friday), and calculate the limit

$$R_2(\delta) = \lim_{n \rightarrow \infty} \frac{1}{n} \log_2 v_n(\delta n) \quad \text{for } 0 < \delta < 1.$$