

CODING THEORY, MATH 567
PROBLEM SET 5
DUE: MONDAY, APRIL 14.

1. Do §5.1, Problem 16. Show that majority logic decoding can be performed on positions 2 and 7. (The other positions you may do too if you like, but you don't have to.)
2. Do §5.1, Problem 26.
3. Do §5.2, Problem 7.
 - (a) Do §5.2, Problem 13.
 - (b) Do §5.2, Problem 14.
4. Do §5.2, Problem 24. Write down the Linear Programming problem. Solving the linear program problem gives you bonus points.