

**UNIVERSITY OF CALIFORNIA, DAVIS**  
**Error Correcting Codes I**

**PROBLEM SET 1**

Reading Assignment: Lecture Notes: 1, 2 (up to page 16), and 3. Textbook: Chapter 1, Sections 2.7 and 2.8 in Chapter 2, and Chapter 3.

Solve problems by hand, i.e., do not use symbolic and/or numerical mathematics software package to solve the problems. However, you can use them, if you want, to check your answers.

**Problem 2.9.**

**Problem 3.1.**

**Problem 3.9.**

**Problem 3.12.**