

UNIVERSITY OF CALIFORNIA AT BERKELEY EECS Department

**EECS 40, Summer 2005**

**Instructor: Octavian Florescu**

**Homework #6**

**Due Date Thurs. 8/4 at 6PM in HW Box (2<sup>nd</sup> floor lounge)**

**Note: Be sure to put (1) your name and (2) discussion section number on your homework. You will get the graded homework back in your discussion session.**

**Load Line Analysis**

Problem 1: Problem 12.20 in the textbook

**Biasing Circuits**

Problem 2: Problem 12.26 in the textbook

Problem 3: Problem 12.31 in the textbook

**Small Signal Equivalent Circuits**

Problem 4: Problem 12.39 in the textbook

Problem 5: Problem 12.42 in the textbook

**Common Source Amplifiers**

Problem 6: Problem 12.45 in the textbook

Problem 7: Problem 12.46 in the textbook

**Source Followers**

Problem 8: Problem 12.50 in the textbook

Problem 9: Problem 12.51 in the textbook

Problem 10: Problem 12.52 in the textbook