

**EE 20242**

**Electronics I**

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**Homework #11**

*Due 4/30/14*

Problem 1: Sedra & Smith, problem 5.98

Problem 2: Sedra & Smith, problem 5.111. Note: in part (d),  $R_G$  should be  $4.7 \text{ M}\Omega$ , not  $4.8 \text{ M}\Omega$  as indicated in the problem.

Problem 3: Sedra & Smith, problem 13.1

Problem 4: Sedra & Smith, problem 13.4

Problem 5: Sedra & Smith, problem 13.35. For this problem, use the empirical relationships in eq. 13.70 and 13.71 for the equivalent resistances.

Problem 6: Sedra & Smith, problem. 13.45

Problem 7: Sedra & Smith, problem 13.46