

Massachusetts Institute of Technology
6.101 Analog Electronics Lab
Spring 2007
Problem Set 5
Due Wednesday, March 21, 2007

Refer to Chapter 9 of *Circuit Analysis and Design, 3rd Edition*
by Donald Neamen and *Operational Amplifier Circuits: Design and Application* for text
that supports this problem set.

Remember to use 5% standard resistor values. Assume $V_T=26\text{mV}$

- Problem 1.** Neamen 9.25 (2nd ed: 9.16).
- Problem 2.** Neamen 9.63 (2nd ed: 9.45).
- Problem 3.** Neamen 9.65 (No second edition problem – see me if you need a copy).
- Problem 4.** Neamen 9.76 (2nd ed: 9.56).