

# **EE331 Devices and Circuits 1**

## **Spring 2014**

### **Homework 3**

1. Jaeger & Blalock Problem 3.83.
2. Jaeger & Blalock Problem 3.77. Using  $I_S = 10$  pA, calculate more accurate diode voltages and associated currents.
3. J & B Problem 3.78.
4. Jaeger & Blalock Problem 3.87.
5. Jaeger & Blalock Problem 3.95.
6. Jaeger & Blalock Problem 3.104.
7. Jaeger & Blalock Problem 3.110. Comment on the advantages and/or disadvantages.
8. Jaeger & Blalock Problem 3.109.
9. Jaeger & Blalock Problems 3.119 and 3.120.
10. Jaeger & Blalock Problem 3.123.