EE321 − Fall 2002

Homework 8
Due October 21, 2002

1. Problem 4.23.

2. Problem 4.26.

3. Problem 4.29.

4. Problem 4.38.

   - When the problem asks "What happens if the transistor is replaced with another having $\beta = 100$?", it wants you to find the value of V_C using the value of R_C you found for $\beta = 50$.

5. Problem 4.40.

   - The answers to Part (b) of 4.40 are
     - $V_1 = 0.837$ V
     - $V_2 = 1.54$ V
     - $V_3 = -2.22$ V
     - $V_4 = 2.86$ V
     - $V_5 = -1.52$ V