

EE 320 – *Electronics I*

Homework #2

10 points

Date Assigned: 8/25

Date Due: 9/1

- 2.1 Text problem 4.2
- 2.2 Text problem 4.3
- 2.3 Text problem 4.4 Do only parts a, b, c, e, and j.
- 2.4 Text problem 4.9 Part (a) only.
- 2.5 Text problem 4.10 Part (a) only.
- 2.6 Text problem 4.19 Assume $n=1$. Repeat for a diode operating voltage of 0.65 V. Compare the two solutions.
- 2.7 Text problem 4.23 Assume $n=1$.
- 2.8 Text problem 4.35 Assume $n=1$. Also use a math package for simultaneous equation solution. Compare the two solutions.