

EE 320 – *Electronics I*

Homework #4

10 points

Date Assigned: 9/8

Date Due: 9/15

- 4.1 Text problem 4.63.
- 4.2 Text problem 4.64.
- 4.3 Text problem 4.67. For part (c), first calculate the conduction angle θ , then use integration to determine $V_{o,avg}$.
- 4.4 Text problem 4.71. Compare this $V_{o,avg}$ with that computed using the approximate expression given in text Exercise 4.20.
- 4.5 Text problem 4.72. Compare this $V_{o,avg}$ with that computed using the approximate expression given in text Exercise 4.21.
- 4.6 Text problem 4.74.
- 4.7 Text problem 4.75. Use FOS=2.