

PHYS:4762 Homework #9

Reading: Read Arfken, Weber, & Harris, Chapter 20, Section 20.5–20.8 (p.997–1028)

Due at the beginning of class, Thursday, April 5, 2018.

Homework Problems:

1. (10 pts) Chapter 20, Exercise 20.4.7
2. (10 pts) Chapter 20, Exercise 20.5.2
NOTE: There is a typo in the text. Refer to the circuit in the right panel of Fig. 20.10 (not Fig. 20.11).
3. (10 pts) Chapter 20, Exercise 20.6.3
4. (10 pts) Chapter 20, Exercise 20.7.3
5. (10 pts) Chapter 20, Exercise 20.7.4
6. (20 pts) Chapter 20, Exercise 20.8.2
7. (15 pts) Chapter 20, Exercise 20.8.7
8. (15 pts) Chapter 20, Exercise 20.8.8