

PHYS:4762 Homework #3

Reading: Read Arfken, Weber, & Harris, Chapter 11, Sections 11.9–11.10 (p.544–549)
Chapter 12, Sections 12.1–12.3 (p.551–570)

Due at the beginning of class, Thursday, February 8, 2018.

Homework Problems:

1. (10 pts) Chapter 11, Exercise 11.9.2
2. (10 pts) Chapter 11, Exercise 11.9.3
3. (10 pts) Chapter 11, Exercise 11.10.1
4. (15 pts) Chapter 11, Exercise 11.10.5
5. (15 pts) Chapter 12, Exercise 12.1.2
6. (10 pts) Chapter 12, Exercise 12.1.6
7. (10 pts) Chapter 12, Exercise 12.1.7
8. (10 pts) Chapter 12, Exercise 12.2.2
9. (10 pts) Chapter 12, Exercise 12.3.1 (a) and (b) only