

PHYS:4761 Homework #1

Reading: Read Arfken, Weber, & Harris, Chapter 1 (p.1–82)

Due at 5:00pm, Friday, September 4, 2020.

Homework Problems:

1. (10 pts) Chapter 1, Exercise 1.1.1
2. (10 pts) Chapter 1, Exercise 1.1.5
3. (10 pts) Chapter 1, Exercise 1.1.13
4. (10 pts) Chapter 1, Exercise 1.2.1
5. (10 pts) Chapter 1, Exercise 1.2.9
6. (10 pts) Chapter 1, Exercise 1.3.10
7. (10 pts) Chapter 1, Exercise 1.3.16
8. (10 pts) Chapter 1, Exercise 1.5.1
9. (5 pts) Chapter 1, Exercise 1.7.11
10. (5 pts) Chapter 1, Exercise 1.8.1
11. (5 pts) Chapter 1, Exercise 1.8.9
12. (5 pts) Chapter 1, Exercise 1.8.11