

PHYS:4761 Homework #4

Reading: Read Arfken, Weber, & Harris, Chapter 3, Sections 3.10 (p.182–203)
Chapter 4, Sections 4.1–4.3 (p.205–226)

Due at 5:00pm, Friday, September 25, 2020.

Homework Problems:

1. (5 pts) Chapter 3, Exercise 3.5.10
2. (5 pts) Chapter 3, Exercise 3.6.1
3. (5 pts) Chapter 3, Exercise 3.6.10
4. (5 pts) Chapter 3, Exercise 3.6.15
5. (10 pts) Chapter 3, Exercise 3.6.16
6. (10 pts) Chapter 3, Exercise 3.7.2
7. (10 pts) Chapter 3, Exercise 3.7.5
8. (5 pts) Chapter 3, Exercise 3.8.2
9. (5 pts) Chapter 3, Exercise 3.8.3
10. (10 pts) Chapter 3, Exercise 3.8.12
11. (10 pts) Chapter 3, Exercise 3.9.2
12. (5 pts) Chapter 3, Exercise 3.9.6
13. (5 pts) Chapter 3, Exercise 3.9.10
14. (10 pts) Chapter 3, Exercise 3.9.11