

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 the beginning of class, Thursday, September 21, 2023.

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