

# PHYS:4761 Homework #11

Reading: Read Arfken, Weber, & Harris, Chapter 10, Sections 10.1–10.2, (p. 447–467)  
Chapter 23, Sections 23.1–23.2, (p. 1125–1147)

Due at the beginning of class, Thursday, November 30, 2023.

## Homework Problems:

1. (10 pts) Chapter 10, Exercise 10.1.1
2. (20 pts) Chapter 10, Exercise 10.1.2
3. (10 pts) Chapter 10, Exercise 10.1.3
4. (15 pts) Chapter 10, Exercise 10.1.4
5. (20 pts) Chapter 10, Exercise 10.1.7
6. (15 pts) Chapter 10, Exercise 10.1.9
7. (10 pts) Chapter 10, Exercise 10.2.1