

# PHYS:4762 Homework #1

Reading: Read Arfken, Weber, & Harris, Chapter 11, Sections 11.1–11.6 (p.469–507)

Due at the beginning of class, Thursday, January 25, 2018.

## Homework Problems:

1. (10 pts) Chapter 11, Exercise 11.2.5
2. (10 pts) Chapter 11, Exercise 11.2.9 (a)–(e) [not (f) or (g)]
3. (10 pts) Chapter 11, Exercise 11.2.11
4. (10 pts) Chapter 11, Exercise 11.3.7
5. (10 pts) Chapter 11, Exercise 11.4.6
6. (10 pts) Chapter 11, Exercise 11.4.8
7. (10 pts) Chapter 11, Exercise 11.5.6
8. (10 pts) Chapter 11, Exercise 11.6.2
9. (10 pts) Chapter 11, Exercise 11.6.5
10. (10 pts) Chapter 11, Exercise 11.6.6