

# PHYS:4761 Homework #7

Reading: Read Arfken, Weber, & Harris, Chapter 5, Sections 5.6–5.8 (p.292–297)  
Chapter 6, Sections 6.1–6.5 (p.299–324)

Due at the beginning of class, Friday, October 19, 2018.

## Homework Problems:

1. (10 pts) Chapter 5, Exercise 5.5.1
2. (10 pts) Chapter 5, Exercise 5.6.1
3. (10 pts) Chapter 5, Exercise 5.7.2
4. (10 pts) Chapter 6, Exercise 6.2.3
5. (10 pts) Chapter 6, Exercise 6.2.6
6. (10 pts) Chapter 6, Exercise 6.2.12
7. (5 pts) Chapter 6, Exercise 6.4.5
8. (5 pts) Chapter 6, Exercise 6.4.7
9. (10 pts) Chapter 6, Exercise 6.5.1
10. (10 pts) Chapter 6, Exercise 6.5.16
11. (10 pts) Chapter 6, Exercise 6.5.19