

# 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 21, 2016.

## 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