

# PHYS:4761 Homework #4

Reading: Read Arfken, Weber, & Harris, Chapter 3, Sections 3.10 (p.172–203)  
Chapter 4, Sections 4.1–4.3 (p.205–226)

Due at the beginning of class, Thursday, September 24, 2015.

## Homework Problems:

1. Chapter 3, Exercise 3.5.10
2. Chapter 3, Exercise 3.6.1
3. Chapter 3, Exercise 3.6.10
4. Chapter 3, Exercise 3.6.15
5. Chapter 3, Exercise 3.6.16
6. Chapter 3, Exercise 3.7.2
7. Chapter 3, Exercise 3.7.5
8. Chapter 3, Exercise 3.8.2
9. Chapter 3, Exercise 3.8.3
10. Chapter 3, Exercise 3.8.12
11. Chapter 3, Exercise 3.9.2
12. Chapter 3, Exercise 3.9.6
13. Chapter 3, Exercise 3.9.10
14. Chapter 3, Exercise 3.9.11