Homework #5

Problems:

Chapter 3:

§3.4   2b, 3c, 7.

§3.5   2b,c,d, 4, 9, 14a,b,c, 23, 24c, 25b,c,
31 (for 3.5.23), 37.

NB: In 3.5.37, the inner product integral should be

$$\langle\, f\,;g\,\rangle = \int_0^\pi f(x)\,g(x)\,dx.$$

Due: Thursday, November 8

Second Midterm: Thursday, November 29

Will cover chapters 3 & 4.

You will be allowed to use one 8" × 11" sheet of notes.

Final Exam: Thursday, December 13, 4:45 - 6:45.