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.