Reading: This week and next: Griffiths sections 2.3—2.7; Griffiths chapter 3.

Problems: Due in class or the Ph12 IN box in 1st floor East Bridge, 10:30 AM, Thursday, 1/29/15.

III.1 Expectation values in infinite square well. Griffiths problem 2.4. (1st ed: 2.5).

III.2 Bead on a circular wire. Griffiths problem 2.46. (1st ed: 2.43).

III.3 Hermitian operators. Griffiths problems 3.4 and 3.5.


III.6 Virial Theorem. Griffiths problem 3.31 (1st ed: 3.53). But don’t do that last part about the harmonic oscillator, we’ll do that later.