Due: Friday, 11/14, 2:10pm, PHYS360 Assignment 11
Note: this assignment is reduced in length

Reading:

1. Griffiths, Ch.3, pg. 160-190. Prepare for Reading Quiz: Friday 11/14, questions on anything in Griffiths, pages 160-190, but especially:
   a) understand eigenvalue equations for $L^2$ and $L_z$, 165
   b) understand eigenvalue equations for spin, pg 171
   c) know the raising and lowering operators for angular momentum and spin
   d) know spin $\frac{1}{2}$ “mechanics,” pg 173-176
   e) be able to describe interaction of spin with magnetic field, pg 178-182
   f) be able to describe Larmor precession
   g) be able to describe the Stern-Gerlach experiment.

Problems:

Problem 4.24, pg 170
Problem 4.27, pg 177
Problem 4.29, pg 177
Problem 4.34, pg 189
Problem 4.55, pg 196