

Physics 221B
Spring 2016
Homework 4
Due Friday, February 19, 2016 at 5pm

Reading Assignment: Continuing with the Wigner-Eckart theorem, please read Notes 18, Secs 11-16, and Secs 17-18 if you want to see a real proof of the theorem. If you need review on perturbation theory, see Notes 21. Also please read Notes 23.

Please do Problems 18.1; 18.2 but skip part (b) which is too tedious; and 23.1.