

Phys 402
Spring 2019
Homework 4
Due Friday, March 8, 2019 @ 9 AM

1. Griffiths, 2nd Edition, Problem 4.35 or Griffiths, 3rd Edition, Problem 4.38
[more on Clebsch-Gordan]
2. Griffiths, 2nd Edition, Problem 4.36 or Griffiths, 3rd Edition, Problem 4.40
[more on Clebsch-Gordan]
3. Griffiths, 2nd Edition, Problem 6.6 or Griffiths, 3rd Edition, Problem 7.8
[2-fold degenerate perturbation theory]
4. Griffiths, 2nd Edition, Problem 6.7 or Griffiths, 3rd Edition, Problem 7.9
[note: only (a) to (c)]
5. Griffiths, 2nd Edition, Problem 6.10 or Griffiths, 3rd Edition, Problem 7.13