

Phys 402
Spring 2019
Homework 2
Due Friday, February 15, 2019 @ 9 AM

1. Griffiths, 2nd Edition, Problem 4.27 (a), (b) and (c) only or Griffiths, 3rd Edition, Problem 4.30 (a), (b) and (c) only

[note for part c: “uncertainty” $\sigma(A)^2 = \langle A^2 \rangle - \langle A \rangle^2$]

2. Griffiths, 2nd Edition, Problem 4.28 or Griffiths, 3rd Edition, Problem 4.31

3. Griffiths, 2nd Edition, Problem 4.29 or Griffiths, 3rd Edition, Problem 4.32

4. Griffiths, 2nd Edition, Problem 9.12 or Griffiths, 3rd Edition, Problem 11.15

[note that the problems are formulated differently in the two editions, but they are essentially the same]