

Physics 487 – Homework #1

There is nothing to turn in this week, since we have not covered anything new. Rather I would like to use our homework time to compensate for the lecture annihilated by Labor Day and to finish our recap of 486. So here is your assignment :

1. Recap of the end of 486 : Griffiths 5.1

§5.1 = Identical Particles intro is review from the last lecture (#15A) and discussion (#14) of 486. I will make those materials available to you as well (see the blackboards/, discussion/, and secure/ folders).

2. Weekly reading for upcoming lectures : Griffiths 5.2, 6.3, 6.4, and 6.5

The Ch.6 sections 6.3 and 6.5 are needed to understand the atomic physics in §5.2.