

Physics 221A
Fall 2019
Homework 14
Due Friday, December 13, 2019

Reading Assignment: Notes 23, Secs. 10–16; Notes 24 and 25, entire; as far as we get in Notes 26 before the end of the semester. **Supplementary Reading:** Commins discusses fine structure, hyperfine structure and Zeeman effect in Secs. 10.1–10.3.

Note the due date; you have two weeks to finish this, and it will include some material from the last week's lecture.

Please do problems 23.1, 23.2, 25.1, 25.2.