

Physics 221B
Spring 2020
Homework 15
Due Friday, January 31, 2020

Reading Assignment: Notes 26 and Notes 27, entire; Notes 28, Secs. 1–5. **Supplementary Reading:** Commins discusses hyperfine structure in Secs. 10.1–10.3; the variational method in Sec. 9.1; and identical particles in Secs. 11.1–11.3.

Please do problems 26.1, 27.1, 27.2 and 27.3.