

Physics 221A
Fall 2021
Homework 9
Due Friday, October 29, 2021

Reading Assignment: Notes 14, Secs. 8–9; Notes 15, entire; Notes 16, Secs. 1–10. **Supplementary Reading:** Commins covers magnetic resonance in Sec. 7.6 and orbital angular momentum in Sec. 7.7. He covers the radial Schrödinger equation in Sec. 8.3 and some aspects of diatomic molecules in Sec. 13.1, but not in as much detail as in our notes.

Please do problems 14.1, 15.1, 16.1, 16.3.