

**Physics 221A**  
**Fall 2016**  
**Homework 6**  
**Due Friday, October 7, 2016**

**Reading Assignment:** Notes 10, Secs. 1–6; Notes 7, Sec. 13; Notes 11, Secs. 1–12. Commins does not cover the motion of charged particles in uniform magnetic fields, nor the concept of the Planck cell. He has quite a bit on rotations, but I will refer you to that after we have gotten deeper into the subject ourselves.

Please do Problems 10.1, 10.2, 7.6, 11.2, 11.4.