

**Physics 221A**  
**Fall 2016**  
**Homework 3**  
**Due Friday, September 16, 2016**

**Reading Assignment:** Notes 3, Notes 4. Supplementary reading: Similar material is covered in Commins, Secs. 3.5 and 4.1–4.5. Commins' discussion of the neutron interferometer in Sec. 5.1 is relevant and very interesting.

Please do Problems 3.1, 3.2, 3.3, 4.2 and 4.4.