

# READING ASSIGNMENT FOR MARCH 20

## SECTIONS 24.7 AND 24.8

### 24.7 - Magnetic Fields Exert Torques on Dipoles

- The derivation of the torque equation is a little mathy. I'll just skip to the final result in lecture.
- Pay attention to the part about magnetic Dipole Moment - we'll need it.
- This explanations of MRI and motors are good. Read them on your own. I won't get a chance to go over them in lecture.

### 24.8 - Magnets and Magnetic Materials

- The how's and why's of permanent magnetism.
- Ferromagnets - The proper name for a permanent magnet.

THE QUIZ IS AT: [www.masteringphysics.com/site/login.html](http://www.masteringphysics.com/site/login.html)