

Homework 6 & Exam Practice Problems

Reading Hecht Chs. 1-5 & 9.

Homework

1. Due Friday, March 17th: Have a clearly stated experiment that you would like to pursue for your Lab Project. Include a list of necessary equipment.

Practice Problems

1. (a) What is a Newtonian telescope? (b) What is the angular magnification of a Newtonian telescope? (c) Why do we focus on angular magnification in telescopes?
2. Hecht 5.118
3. Hecht 5.120
4. Hecht 4.5
5. Hecht 4.33. Here $\hat{\mathbf{u}}_n$ is the unit normal to the interface between the two media.
6. Hecht 3.25
7. Hecht 9.21