

Lecture 22

Pre-Lecture Preparation (due within the first 5 minutes of class):

- Read pages 1108 – 1114 in the textbook (Serway 9th edition) and do the following:
 - 1) Quick Quiz: 36.7
 - 2) Book Problem (p. 1129): 53

Goals for the Lecture:

- 1) Be able to solve problems involving combinations of thin lenses
- 2) Understand spherical and chromatic lens aberrations
- 3) Understand a simple camera, including f number

Post-Lecture Study Guide (I do not collect this):

Review the worksheets or other lecture material within 24 hours (preferably the same day as the lecture) to reinforce the ideas. Review the pre-lecture questions to make sure you understand them.

Do problems:

Ch 36: Problems: 54, 77

Continue with the additional recommended study problems from chapter 36