The readings below correspond to the remainder of the material that will be included in the first midterm exam on Wednesday 03 October. One of the problems from the first set below will be given as a quiz on Monday 24 September. The problems of the second set should be completed by Monday 01 October, although there will be no quiz that day due to the upcoming mid-term exam.

Textbook sections enclosed in parentheses are optional for students enrolled at the undergraduate level (3410/3411), but mandatory for students enrolled at the graduate level (6750/6751).

All sections and problems are from “Optics” by Eugene Hecht (Fourth Edition)

Reading Assignments (some reiterated from Assignment Set #4):

Chapter 5
5.5, 5.6 (5.6.1 optional for undergrads), 5.7, (5.8), (5.9)

Chapter 6
6.1, (6.2), 6.3

Problem Assignments for Mon 24 September:
5.71 (continued from Assignment Set #4), 5.77, 5.87, 5.88

Problem Assignments for Mon 01 October:
5.75, 5.84, 5.91, 6.25