

**Homework 7** Due 5:00 pm on Tuesday, March 3, 2015

**1)** (20 points) Complete Geary's chapter 12 homework problem to design a periscopic lens. You will start with a first-order layout based on hand calculations, then complete the design in Zemax.

**2)** (10 points) Complete Geary's chapter 13 homework problem to calculate coma and astigmatism coefficients.