

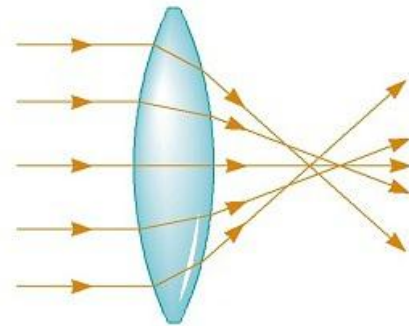
Geometric Optics and Spherical Aberration

What: Bi-State Math Colloquium

When: Wednesday, April 3, 4:00PM

Where: Loras College, Hennessy 350

Who: Morgan Mayer



We will start by explaining the study of geometric optics and spherical aberration. Then we will discuss different lens types that can be used to eliminate spherical aberration. We will use the different formulas calculated to determine which type of lens will eliminate spherical aberration the best. We'll look at different lens combinations as well as some of the techniques used to get the focal points of the lenses. Finally we will look at potential future work.

Morgan Mayer is a senior at Loras College. This presentation is in partial fulfillment of the Loras College math major.