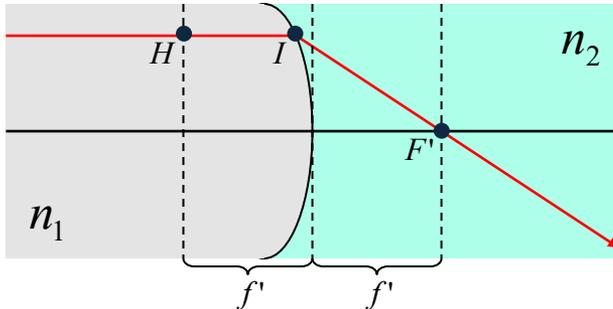


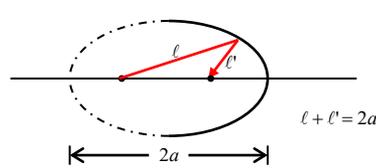
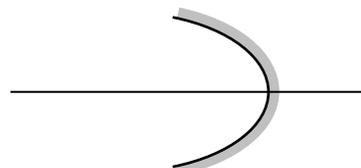
Eccentricity



Eccentricity

$$e = \frac{|IF'|}{|IH|} = \frac{|n_1|}{|n_2|}$$

Eccentricity is used to determine the shape of the surface needed for stigmatic imaging.

Eccentricity	Shape of Stigmatic Surface
$e < 1$	Elliptical 
$e = 1$	Parabolic 
$e > 1$	Hyperbolic 