

CHAPTER OVERVIEW

25: Geometric Optics

Geometrical optics describes light propagation in terms of rays, which is useful in approximating the paths along which light propagates in certain classes of circumstances. Geometrical optics does not account for certain optical effects such as diffraction and interference.

[25.0: Prelude to Geometric Optics](#)

[25.1: The Ray Aspect of Light](#)

[25.2: The Law of Reflection](#)

[25.3: The Law of Refraction](#)

[25.4: Total Internal Reflection](#)

[25.5: Dispersion - Rainbows and Prisms](#)

[25.6: Image Formation by Lenses](#)

[25.7: Image Formation by Mirrors](#)

[25.E: Geometric Optics \(Exercises\)](#)

Thumbnail: Parallel light rays entering a diverging lens from the right seem to come from the focal point on the right.

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