

Download Physical Optics Notes

Optics is the branch of physics that studies the behaviour and properties of light, including its interactions with matter and the construction of instruments that use or detect it. Optics usually describes the behaviour of visible, ultraviolet, and infrared light. Do you want to know more about the importance of optical specifications? Learn the different types of specifications and their impact on your system at Edmund Optics. Lecture Notes on Optics by Professor Eithne McCabe. This lecture note covers following topics related to optics: Physical Optics, Interaction of Light with Matter, Polarisation, Interference and Diffraction. The early writers discussed here treated vision more as a geometrical than as a physical, physiological, or psychological problem. The first known author of a treatise on geometrical optics was the geometer Euclid (c. 325 BC–265 BC).