# DESCRIPTION

**The easy way to shed light on Optics**

In general terms, optics is the science of light. More specifically, optics is a branch of physics that describes the behavior and properties of light—including visible, infrared, and ultraviolet—and the interaction of light with matter.

*Optics For Dummies* gives you an approachable introduction to optical science, methods, and applications. You'll get plain-English explanations of the nature of light and optical effects; reflection, refraction, and diffraction; color dispersion; optical devices, industrial, medical, and military applications; as well as laser light fundamentals.

- Tracks a typical undergraduate optics course
- Detailed explanations of concepts and summaries of equations
- Valuable tips for study from college professors

If you’re taking an optics course for your major in physics or engineering, let *Optics For Dummies* shed light on the subject and help you succeed!
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