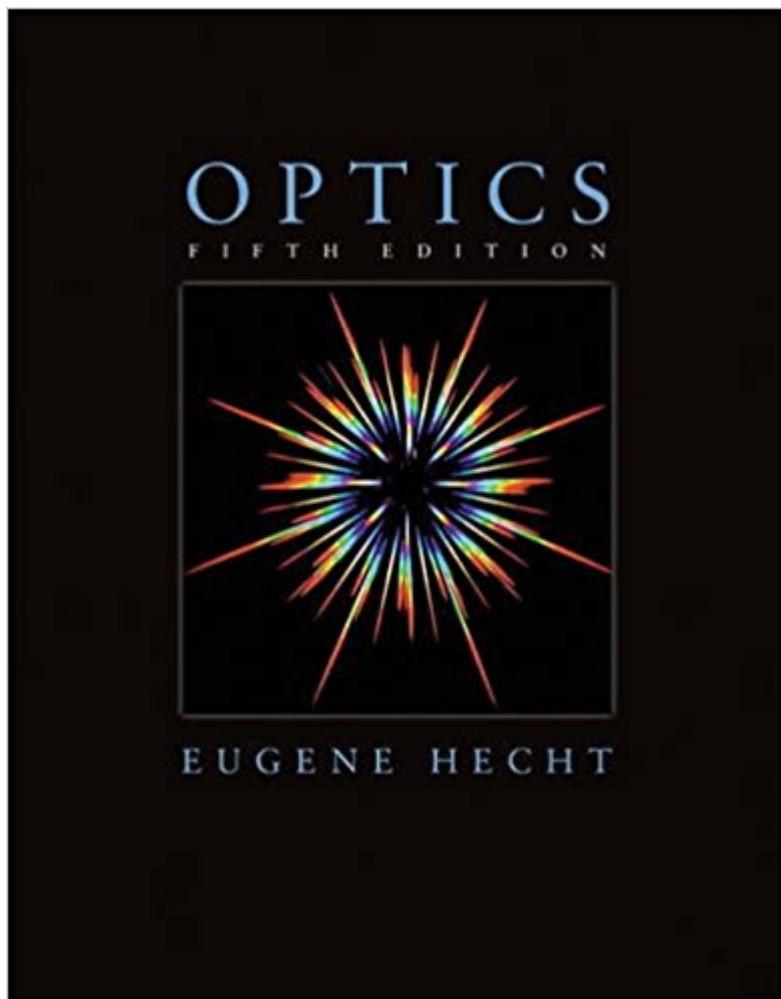


The book was found

# Optics (5th Edition)



## Synopsis

A Contemporary Approach to Optics with Practical Applications and New Focused Pedagogy

Hecht Optics balances theory and instrumentation to provide you with the necessary, classical background through a lively and clear narrative. Optics, Fifth Edition is distinguished by three core imperatives for the reader: up-to-date content in line with the ever-evolving technological advances in the Optics field; a modern approach to discourse including studies on photons, phasors, and theory; and improvements and revisions to the previous edition's pedagogy including over one hundred new worked examples.

## Book Information

Hardcover: 720 pages

Publisher: Pearson; 5 edition (January 2, 2016)

Language: English

ISBN-10: 0133977226

ISBN-13: 978-0133977226

Product Dimensions: 8.7 x 1.2 x 11 inches

Shipping Weight: 3.4 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 8 customer reviews

Best Sellers Rank: #31,150 in Books (See Top 100 in Books) #4 in Books > Science & Math > Physics > Optics #124 in Books > Textbooks > Science & Mathematics > Physics

## Customer Reviews

Gene Hecht is a professor of physics at Adelphi University and author of a number of books including three on American ceramics and seven on physics. His main interests are the history of ideas and the elucidation of the basic concepts of physics. He spends most of his time teaching, studying physics, and training for his fifth degree black belt in Tae Kwan Do.

Great standalone text. Updated and relevant. I bought this for a graduate level introductory optics course despite already having the 4th edition from an undergraduate course. I struggled with the necessity of buying the new edition at first but have no regrets now. The 4th edition had hardly any example problems throughout the entire text. The author remedied this in the 5th edition. There are multiple example problems that are well discussed in each chapter on the main topics. Also, the text was reorganized a bit and of course the page numbers and homework problems are a little different than the 4th edition. When the teacher references a certain page during class or says work

homework problem X, the last thing I want to do is look around and try to figure out if I am looking at the right thing.

The book is very descriptive but the style of writing isn't super easy to follow or engaging. However, what makes the book really good, in my opinion, are the figures and diagrams provided every couple of pages which are great for visual learners like me. Also, this book is packed with information and covers more than one optics class could teach. The book is not something you can casually peruse; you have to sit down and really focus to fully understand it. However, it covers practically everything you need to know on electromagnetic waves for a senior physics student. It's also worth keeping after graduating since it makes a really good reference tool.

One of the best optics books, great for Physicists!

Great textbook but wasn't what I needed for class, took ages to arrive.

A very pricey book

Book is in great shape. Hard to give a textbook for college a 5 star review!

Nice

good quality

[Download to continue reading...](#)

Handbook of Optics, Third Edition Volume V: Atmospheric Optics, Modulators, Fiber Optics, X-Ray and Neutron Optics  
Handbook of Optics, Third Edition Volume IV: Optical Properties of Materials, Nonlinear Optics, Quantum Optics (set) Photonics Rules of Thumb: Optics, Electro-Optics, Fiber Optics and Lasers  
Handbook of Optics, Third Edition Volume I: Geometrical and Physical Optics, Polarized Light, Components and Instruments (set) Nonlinear Fiber Optics, Fifth Edition (Optics and Photonics)  
Handbook of Optics, Third Edition Volume III: Vision and Vision Optics (set) Last-Minute Optics: A Concise Review of Optics, Refraction, and Contact Lenses  
Molded Optics: Design and Manufacture (Series in Optics and Optoelectronics)  
Understanding Fiber Optics (5th Edition)  
Optics (5th Edition)  
A History of England, Volume 1 (Prehistory to 1714) (5th Edition)  
5th edition by Roberts, Clayton, Roberts, David, Bisson, Douglas R. (2008)  
Paperback By Eric Bauhaus The

Panama Cruising Guide 5th Edition (5th Fifth Edition) [Paperback] International Financial Reporting 5th edn: A Practical Guide (5th Edition) Bundle: Cengage Advantage Books: Intermediate Algebra, Loose-leaf Version, 5th + WebAssign Printed Access Card for Tussy/Gustafson's Intermediate Algebra, 5th Edition, Single-Term Bundle: Cengage Advantage Books: Elementary and Intermediate Algebra, 5th + WebAssign Printed Access Card for Tussy/Gustafson's Elementary and Intermediate Algebra, 5th Edition, Single-Term Geometrical and Visual Optics, Second Edition Prism and Lens Making, Second Edition: A Textbook for Optical Glassworkers (Series in Optics and Optoelectronics) Introduction to Fiber Optics, Third Edition Fundamentals of Optical Waveguides, Second Edition (Optics and Photonics Series) Thin-Film Optical Filters, Fourth Edition (Series in Optics and Optoelectronics)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)