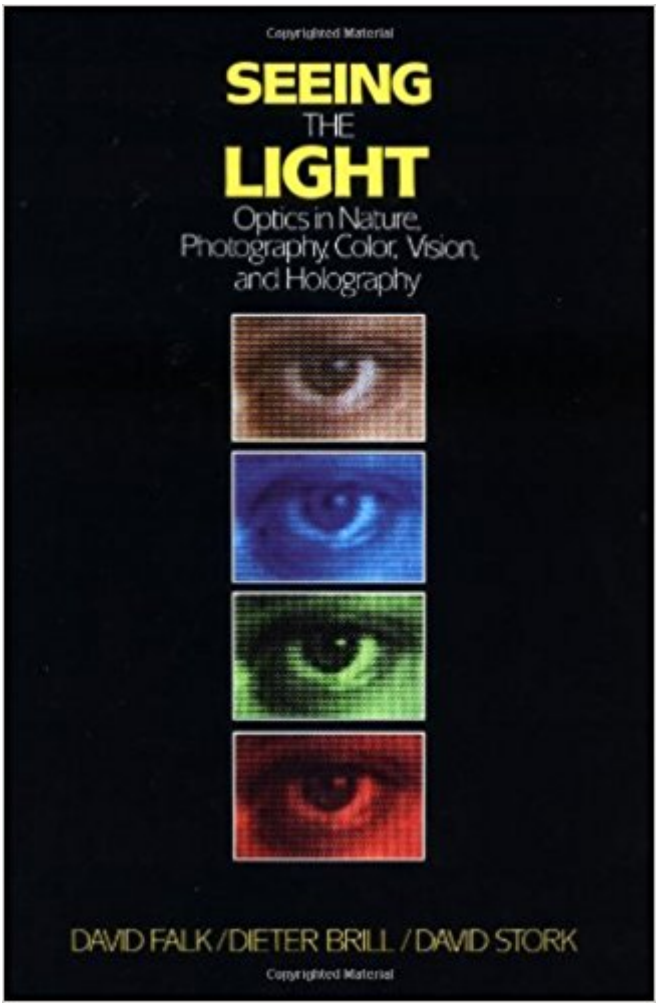
Seeing The Light: Optics In Nature, Photography, Color, Vision, And Holography



Synopsis

The most complete and lucid nonmathematical study of light available. Chapters are self-contained, making the book flexible and easy to read. Coverage includes such non-traditional topics as processes of vision and the eye, atmospherical optical phenomena, color perception and illusions, color in nature and in art, Kirilian photography, and holography. Includes experiments that can be carried out with simple equipment. Chapters contain optional advanced sections, and appendixes review the mathematics for quantitative aspects. Illustrated, including a four-color insert.

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Customer Reviews

The most complete and lucid nonmathematical study of light available. Chapters are self-contained, making the book flexible and easy to read. Coverage includes such non-traditional topics as processes of vision and the eye, atmospherical optical phenomena, color perception and illusions, color in nature and in art, Kirilian photography, and holography. Includes experiments that can be carried out with simple equipment. Chapters contain optional advanced sections, and appendixes review the mathematics for quantitative aspects. Illustrated, including a four-color insert.

A truly great book for learning a wide breadth of both basic and complex optical physics ideas. As a physicist and patent attorney, I have used this book as a reference for many years with great satisfaction and great enjoyment. I have given this book as a gift to people who have a curiosity of optics and all of my recipients have truly enjoyed learning from this book. I also recommend this

book to fellow patent attorneys who need concise and clear descriptions of optical physics for their patent drafting. I see that there is a one star rating for this book on the website. As a person who has used, appreciated, and enjoyed this book for nearly three decades, I do not understand how a one star review can be given. This is my go to book when I need a refresher, when I need to learn something new, when I need to teach, and when I just want to enjoy a great optics book. Buy this book, use it, learn from it, enjoy it.

Awesome book, I admire the knowledge of authors and the way they present material. It is full of examples from real life, clear explanations, and it revealed the beauty of optics to me.

Everything you always wanted to know about light and color.

Cheap, good condition and what I needed. WHat lese could you ask for. It provided me with the information needed to succeed in my class. Highly suggested if they havent made any newer editions.

This was exactly what i needed for class.

This is the best textbook I ever had, and I sold it for some ($$$) at the end of a semester to buy a bus ticket. Very mad; I miss the book, but it’s so expensive. It’s amazing the way the author incorporates all sorts of literary allusions in this physics book, such as offering an interesting hypothesis on the optical illusion of the egyptians getting swallowed by the red sea while chasing the jews. Every chapter, light becomes a metaphor for so many things, the way we see, the obstacles, etc.

An interesting reference book.

Physics for the rest of us.more word....more words....more words0h forget it -- I have better things to do with my time.Bottom line, I like the book.

Seeing the Light: Optics in Nature, Photography, Color, Vision, and Holography Handbook of Optics, Third Edition Volume V: Atmospheric Optics, Modulators, Fiber Optics, X-Ray and Neutron Optics Handbook of Optics, Third Edition Volume III: Vision and Vision Optics(set) Photography:

DSLR Photography Secrets and Tips to Taking Beautiful Digital Pictures (Photography, DSLR, cameras, digital photography, digital pictures, portrait photography, landscape photography) Photonics Rules of Thumb: Optics, Electro-Optics, Fiber Optics and Lasers Handbook of Optics, Third Edition Volume IV: Optical Properties of Materials, Nonlinear Optics, Quantum Optics (set) Photography Business: Sell That Photo!: 10 Simple Ways To Make Big Bucks Selling Your Photography Online (how to sell photography, freelance photography, ... to start on online photography business) Handbook of Optics, Third Edition Volume I: Geometrical and Physical Optics, Polarized Light, Components and Instruments(set) Introduction to Light: The Physics of Light, Vision, and Color (Dover Books on Physics) Eye Exercises to Improve Vision: Recover Your Vision Naturally with Simple Exercises (Vision Training) Photography: Complete Guide to Taking Stunning,Beautiful Digital Pictures (photography, stunning digital, great pictures, digital photography, portrait ... landscape photography, good pictures) Photography: DSLR Photography Made Easy: Simple Tips on How You Can Get Visually Stunning Images Using Your DSLR (Photography, Digital Photography, Creativity, ... Digital, Portrait, Landscape, Photoshop) Photography Business: 4 Manuscripts - Adventure Sports Photography, Portrait Parties, Music Business Photography, Real Estate Photography Fourier Acoustics: Sound Radiation and Nearfield Acoustical Holography Introduction to Holography Optics Made Clear: The Nature of Light And How We Use It (SPIE Press Monograph Vol. PM163) Heart of Photography: Further Explorations in Nalanda Miksang Photography (Way of Seeing) Molded Optics: Design and Manufacture (Series in Optics and Optoelectronics) Last-Minute Optics: A Concise Review of Optics, Refraction, and Contact Lenses Nonlinear Fiber Optics, Fifth Edition (Optics and Photonics)