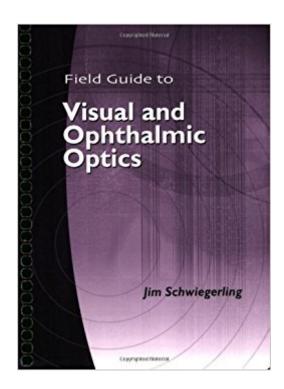


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Field Guide To Visual And Ophthalmic Optics (SPIE Vol. FG04)





Synopsis

Visual optics requires an understanding of both biology and optical engineering. This Field Guide assembles the anatomy, physiology, and functioning of the eye, as well as the engineering and design of a wide assortment of tools for measuring, photographing, and characterizing properties of the surfaces and structures of the eye. Also covered are the diagnostic techniques, lenses, and surgical techniques used to correct and improve human vision.

Book Information

Series: Field Guides Spiral-bound: 109 pages Publisher: SPIE Publications (November 2, 2004) Language: English ISBN-10: 0819456292 ISBN-13: 978-0819456298 Product Dimensions: 0.2 x 5 x 7.8 inches Shipping Weight: 5.6 ounces (View shipping rates and policies) Average Customer Review: 5.0 out of 5 stars 2 customer reviews Best Sellers Rank: #764,626 in Books (See Top 100 in Books) #47 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Optoelectronics #107 in Books > Medical Books > Allied Health Professions > Optometry #194 in Books > Medical Books > Medicine > Surgery > Ophthalmology

Customer Reviews

""These field guides will be immensely useful to all scientists and engineers who wish to brush up on authentic definitions, equations and tables of data in optics. And the format is really user friendly! I...wonder now how I ever got along in optics without this ready reference....a real winner!"

This book is certainly not meant to be a complete textbook about ophthalmic optics. However, it is very suitable to obtain an brief overview or to use it as a work of reference. The texts are easy to understand if one has a general background in geometric optics. I would also recommend this book to medical students who don't have to know each and every detail about the underlying technologies.

As an admin at an optics company so I can't give a thorough review of this field guide (I process the

paperwork, not work with eyeballs all day long). However, my boss swears by this guide and had me purchase 1/2 dozen of these books to give out to all of the optical scientists in our department, so it has to be pretty good!

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