Optics Essentials: An Interdisciplinary Guide

By Araz Yacoubian

Taylor & Francis Inc. Hardback. Book Condition: new. BRAND NEW, Optics Essentials: An Interdisciplinary Guide, Araz Yacoubian, A Valuable Reference for Understanding Basic Optical Principals Need a crash course in optics? If you are a non-specialist with little or no knowledge of optical components, systems, or hardware, who suddenly finds it necessary to work with optics in your given field, then Optics Essentials: An Interdisciplinary Guide is the book for you. Aimed at engineers and other interdisciplinary professionals tackling optics-related challenges, this text provides a basic overview of optical principles, concepts, and applications as well as worked examples throughout. It enables readers to gain a basic understanding of optics and sense of optical phenomena, without having to commit to extended periods of study. Contains MATLAB(R) Simulations and Suggested Experiments The book provides MATLAB simulations to help the reader visualize concepts, includes simple experiments using everyday materials that are readily available to solidify optical principles, and provides worked examples throughout. It contains a set of suggested experiments in each chapter designed to help the reader understand and visualize the basic principles. While this book assumes that the reader has a basic background in mathematics, it does not burden or overwhelm them...

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A very awesome book with perfect and lucid reasons. It really is basic but shocks within the 50 percent of the book. Its been designed in an exceptionally easy way and is particularly merely right after i finished reading this ebook where in fact changed me, change the way i think.
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