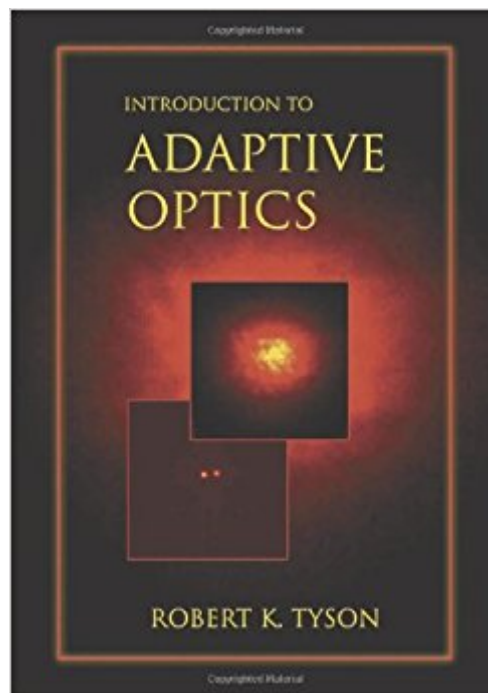




Ebook Directory
the best source of ebook

The book was found

Introduction To Adaptive Optics (SPIE Tutorial Texts In Optical Engineering Vol. TT41)



Synopsis

Adaptive optics systems and components have achieved a level of sophistication and simplicity that goes beyond traditional applications in astronomy and the military and into developments in medicine, manufacturing, and communications. This book was written for those interested in the multidisciplinary technology and those who need a broad-brush explanation without wading through thousands of journal articles. It follows the structure of a one-day tutorial taught by the author, including humor and sidebars of historical material.

Contents - A long time ago, in a laboratory far far, really far, away - Adaptive optics systems - Optics is our middle name - Speaking the language - a few definitions - Atmospheric turbulence - Bad air...bad, bad air - Laser guide stars - a beacon in the wilderness - Systems - putting it all together - Wavefront sensors - the eyes - Deformable mirrors - the hands - Control computers and reconstructors - the brains

Book Information

Series: Tutorial Texts in Optical Engineering (Book 41)

Paperback: 130 pages

Publisher: SPIE Publications; 1 edition (March 7, 2000)

Language: English

ISBN-10: 0819435112

ISBN-13: 978-0819435118

Product Dimensions: 0.2 x 7 x 10 inches

Shipping Weight: 10.6 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #3,243,614 in Books (See Top 100 in Books) #88 in Books > Science & Math > Astronomy & Space Science > Telescopes #1428 in Books > Science & Math > Physics > Optics #4495 in Books > Science & Math > Experiments, Instruments & Measurement

Customer Reviews

Great overview of Adaptive Optics. It is especially good if you don't need all the details, but enough information to work with the field, such as controls for a system using adaptive optics.

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

Introduction to Adaptive Optics (SPIE Tutorial Texts in Optical Engineering Vol. TT41) Image Formation in Low-Voltage Scanning Electron Microscopy (SPIE Tutorial Text Vol. TT12) (Tutorial Texts in Optical Engineering) Diffractive Optics: Design, Fabrication, and Test (SPIE Tutorial Texts

in Optical Engineering Vol. TT62) Resolution Enhancement Techniques in Optical Lithography (SPIE Tutorial Texts in Optical Engineering Vol. TT47) Optical Design for Visual Systems (SPIE Tutorial Texts in Optical Engineering Vol. TT45) 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) Optical Thin Films: User's Handbook (Macmillan Series in Optical and Electro-Optical Engineering) Adaptive Optics for Astronomical Telescopes (Oxford Series in Optical and Imaging Sciences) Photonics Rules of Thumb: Optics, Electro-Optics, Fiber Optics and Lasers Field Guide to Visual and Ophthalmic Optics (SPIE Vol. FG04) Field Guide to Geometrical Optics (SPIE Vol. FG01) Optics Made Clear: The Nature of Light And How We Use It (SPIE Press Monograph Vol. PM163) Optics and Lasers: Including Fibers and Optical Waveguides (Advanced Texts in Physics) IntAR, Interventions Adaptive Reuse, Volume 03; Adaptive Reuse in Emerging Economies Electro-Optical Displays (Optical Science and Engineering) Handbook of Optical and Laser Scanning, Second Edition (Optical Science and Engineering) Books of Breathing and Related Texts -Late Egyptian Religious Texts in the British Museum Vol.1 (Catalogue of the Books of the Dead and Other Religious Texts in the British Museum) Last-Minute Optics: A Concise Review of Optics, Refraction, and Contact Lenses Handbook of Optics, Third Edition Volume I: Geometrical and Physical Optics, Polarized Light, Components and Instruments(set)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)