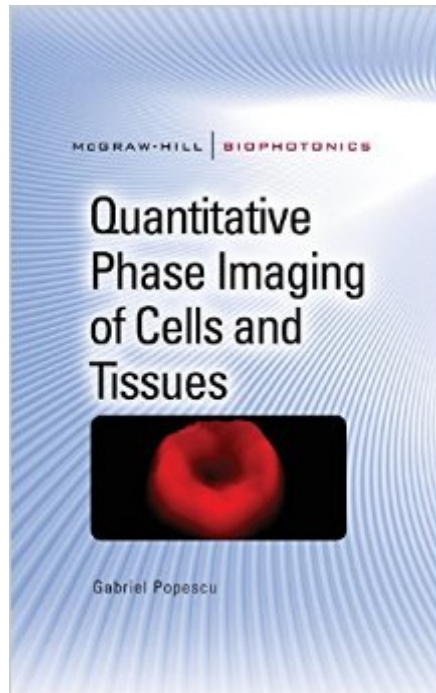


The book was found

Quantitative Phase Imaging Of Cells And Tissues (McGraw-Hill Biophotonics)



Synopsis

Cutting-edge quantitative phase imaging techniques and their applications Filled with unique, full-color images taken by advanced quantitative phase imaging (QPI), *Quantitative Phase Imaging of Cells and Tissues* thoroughly explores this innovative technology and its biomedical applications. An introductory background on optical imaging and traditional optical microscopy is included to illustrate concept development. The book explains how various visualization modalities can be obtained by numerical calculations. This authoritative resource reveals how to take full advantage of the unprecedented capabilities of QPI, such as rendering scattering properties of minute subcellular structures and nanoscale fluctuations in live cells. Coverage includes: Groundwork Spatiotemporal field correlations Image characteristics Light microscopy Holography Point scanning QPI methods Principles of full-field QPI Off-axis full-field methods Phase-shifting techniques Common-path methods White light techniques Fourier transform light scattering (FTLS) Current trends in QPI

Book Information

Series: McGraw-Hill Biophotonics

Hardcover: 384 pages

Publisher: McGraw-Hill Education; 1 edition (July 5, 2011)

Language: English

ISBN-10: 0071663428

ISBN-13: 978-0071663427

Product Dimensions: 6.4 x 0.7 x 9.3 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #707,028 in Books (See Top 100 in Books) #51 inÂ Books > Science & Math > Experiments, Instruments & Measurement > Microscopes & Microscopy #76 inÂ Books > Computers & Technology > Graphics & Design > Computer Modelling > Imaging Systems #455 inÂ Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Diagnosis

Customer Reviews

This book is very well written. It cover many topics in optics. It is a must have book for a starter as well as a professional opticians. I would recommend it to everyone. Thanks Prof. Popescu for a great book.

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

Quantitative Phase Imaging of Cells and Tissues (McGraw-Hill Biophotonics) PeriAnesthesia
Nursing Core Curriculum: Preprocedure, Phase I and Phase II PACU Nursing, 2e Quantitative
Ultrasound in Soft Tissues McGraw-Hill's Dictionary of American Slang and Colloquial Expressions:
The Most Up-to-Date Reference for the Nonstandard Usage, Popular Jargon, and Vulgarisms of
Contempos (McGraw-Hill ESL References) Principles of Corporate Finance (The McGraw-Hill/Irwin
Series in Finance, Insurance, and Real Estate) (McGraw-Hill/Irwin Series in Finance, Insurance and
Real Estate (Hardcover)) McGraw-Hill Education: Top 50 ACT English, Reading, and Science Skills
for a Top Score, Second Edition (Mcgraw-Hill Education Top 50 Skills for a Top Score) McGraw-Hill
Education 500 Financial Accounting and Reporting Questions for the CPA Exam (McGraw-Hill's 500
Questions) McGraw-Hill Education 500 Business Environment and Concepts Questions for the CPA
Exam (McGraw-Hill's 500 Questions) McGraw-Hill's Praxis I and II, Third Edition (McGraw-Hill's
Praxis I & II) McGraw-Hill Education 500 Auditing and Attestation Questions for the CPA Exam
(McGraw-Hill's 500 Questions) McGraw-Hill's National Electrical Code 2014 Handbook, 28th Edition
(McGraw Hill's National Electrical Code Handbook) McGraw-Hill Education 5 TEAS Practice Tests,
2nd Edition (Mcgraw Hill's 5 Teas Practice Tests) McGraw-Hill Education SAT 2017 Edition
(Mcgraw Hill's Sat) McGraw-Hill's SAT Subject Test: Biology E/M, 2/E (McGraw-Hill's SAT Biology
E/M) McGraw-Hill Education LSAT 2016 (McGraw-Hill's LSAT) McGraw-Hill Education LSAT 2017
(McGraw-Hill's LSAT) McGraw-Hill Education 500 MAT Questions to Know by Test Day
(McGraw-Hill's 500 Questions) McGraw-Hill's ASVAB Basic Training for the AFQT, Second Edition
(McGraw-Hill's ASVAB Basic Training for the Afqt (Armed Forces) McGraw-Hill Education 500
Regulation Questions for the CPA Exam (McGraw-Hill's 500 Questions) McGraw-Hill Education:
Top 50 ACT Math Skills for a Top Score, Second Edition (Mcgraw-Hill Education Top 50 Skills for a
Top Score)

[Dmca](#)