

Handbook of Full Field Optical Coherence Microscopy: Unlocking the Secrets of Advanced Imaging

The Handbook of Full Field Optical Coherence Microscopy (FFOCM) is a comprehensive and authoritative guide to this transformative imaging technique. This seminal publication brings together leading experts from across the globe to present a comprehensive overview of the principles, applications, and advancements in FFOCM.



Handbook of Full-Field Optical Coherence Microscopy: Technology and Applications by Mike Voight

★★★★☆ 4.2 out of 5

Language	: English
File size	: 47658 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 790 pages
Hardcover	: 536 pages
Item Weight	: 2.64 pounds
Dimensions	: 6.14 x 1.63 x 9.21 inches



Chapter Overview

- **Chapter 1: Fundamentals of FFOCM:** Delves into the theoretical foundations, instrumentation, and hardware configurations.
- **Chapter 2: Advanced Imaging Techniques:** Explores cutting-edge applications such as quantitative phase imaging, dynamic imaging,

and label-free microscopy.

- **Chapter 3: Biomedical Applications:** Showcases the diverse applications in ophthalmology, dermatology, oncology, and more.
- **Chapter 4: Engineering and Materials Science Applications:** Highlights the use of FFOCM in semiconductor inspection, microfluidics, and materials characterization.
- **Chapter 5: Emerging Frontiers and Future Directions:** Provides insights into the latest research and potential future advancements.

Exceptional Features

The Handbook of FFOCM offers an unparalleled range of features:

- **Comprehensive Coverage:** Covers the entire spectrum of FFOCM, from theoretical underpinnings to cutting-edge applications.
- **Expert Authorship:** Written by renowned scientists and researchers at the forefront of FFOCM research.
- **In-Depth Analysis:** Provides detailed insights into key concepts, experimental procedures, and data interpretation.
- **Extensive References:** Offers a comprehensive bibliography for further research and exploration.
- **High-Quality Illustrations:** Enriched with over 100 high-resolution images, figures, and graphs to enhance understanding.

Target Audience

The Handbook of FFOCM is an indispensable resource for:

- Researchers and scientists in biomedical imaging, engineering, and materials science.
- Graduate students in optics, physics, and biomedical engineering.
- Practitioners and clinicians seeking advanced imaging techniques.
- Industrial researchers and engineers involved in the development and application of FFOCM systems.

About the Editors

The Handbook of FFOCM is edited by a team of esteemed experts:

- **Dr. David Boas:** Professor of Biomedical Engineering, Massachusetts Institute of Technology
- **Dr. Qiwen Zhan:** Professor of Biomedical Engineering, University of California, Los Angeles

The Handbook of Full Field Optical Coherence Microscopy is a monumental work that sets the standard for understanding and advancing this groundbreaking imaging technique. This comprehensive guide is an invaluable resource for researchers, practitioners, and anyone seeking to explore the cutting-edge of optical microscopy.

Free Download your copy today and embark on an unparalleled journey into the world of Full Field Optical Coherence Microscopy.

Handbook of Full-Field Optical Coherence Microscopy: Technology and Applications

by Mike Voight

★★★★☆ 4.2 out of 5

Language

: English



File size	: 47658 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 790 pages
Hardcover	: 536 pages
Item Weight	: 2.64 pounds
Dimensions	: 6.14 x 1.63 x 9.21 inches



The Year They Burned the: A Haunting Historical Novel That Explores the Devastation of the Chicago Fire

The Great Chicago Fire of 1871 was one of the most devastating events in American history. The fire burned for three days and...



Unlock the Secrets of Effortless Inline Skating with Alexander Iron

Discover the Ultimate Guide to Mastering Inline Skating Embark on an exhilarating journey of inline skating with "Inline Skating Secrets," the definitive guidebook penned...