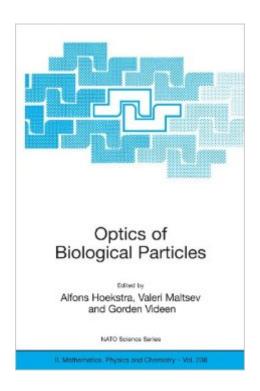
### The book was found

# Optics Of Biological Particles (Nato Science Series II:)





## **Synopsis**

This book covers the optics of single biological particles, both theory and experiment, with emphasis on Elastic Light Scattering and Fluorescence. It deals with the optics of bacteria (bio-aerosols), marine particles (selected phytoplankton communities) and red and white blood cells. Moreover, there are dedicated chapters on a general theory for scattering by a cell, and modelling and simulation of scattering by inhomogeneous biological cells.

#### **Book Information**

Series: Nato Science Series II: (Book 238)

Paperback: 284 pages

Publisher: Springer; 2007 edition (October 10, 2008)

Language: English

ISBN-10: 1402055013

ISBN-13: 978-1402055010

Product Dimensions: 6.1 x 0.7 x 9.2 inches

Shipping Weight: 15.2 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #10,414,212 in Books (See Top 100 in Books) #67 in Books > Science & Math > Biological Sciences > Bioelectricity #1512 in Books > Engineering & Transportation > Engineering > Reference > Measurements #2623 in Books > Science & Math > Physics > Electromagnetism > Electricity

#### Download to continue reading...

Optics of Biological Particles (Nato Science Series II:) Handbook of Optics, Third Edition Volume V: Atmospheric Optics, Modulators, Fiber Optics, X-Ray and Neutron Optics Photonics Rules of Thumb: Optics, Electro-Optics, Fiber Optics, and Lasers (Optical and Electro-Optical Engineerirng Series) Electrostatic Effects in Soft Matter and Biophysics: Proceedings of the NATO Advanced Research Workshop on Electrostatic Effects in Soft Matter and ... 1-13 October 2000 (Nato Science Series II:) Handbook of Optics, Third Edition Volume IV: Optical Properties of Materials, Nonlinear Optics, Quantum Optics (set) Photonics Rules of Thumb: Optics, Electro-Optics, Fiber Optics and Lasers Applications of Nonlinear Fiber Optics, Second Edition (Optics and Photonics Series) Handbook of Optics, Third Edition Volume I: Geometrical and Physical Optics, Polarized Light, Components and Instruments(set) Handbook of Optics, Third Edition Volume III: Vision and Vision Optics(set) Mathematics and Computer Science in Medical Imaging (Nato a S I Series Series III,

Computer and Systems Sciences) Metamaterials and Plasmonics: Fundamentals, Modelling,
Applications (NATO Science for Peace and Security Series B: Physics and Biophysics) Asymmetric
Catalysis (Nato Science Series E:) Photoelectrochemistry, Photocatalysis and Photoreactors
Fundamentals and Developments (Nato Science Series C:) Photocatalysis and Environment:
Trends and Applications (Nato Science Series C:) On Growth and Form: Fractal and Non-Fractal
Patterns in Physics (Nato Science Series E:) Bioelectrochemistry IV: Nerve Muscle
Function-Bioelectrochemistry, Mechanisms, Bioenergetics and Control (Nato Science Series: A:)
European Neogene Mammal Chronology (Nato Science Series A:) Symmetry and Pairing in
Superconductors (Nato Science Partnership Subseries: 3) Transition Metal Sulphides: Chemistry
and Catalysis (Nato Science Partnership Subseries: 3) Metal Ions in Biological Systems: Volume
29: Biological Properties of Metal Alkyl Derivatives

Dmca