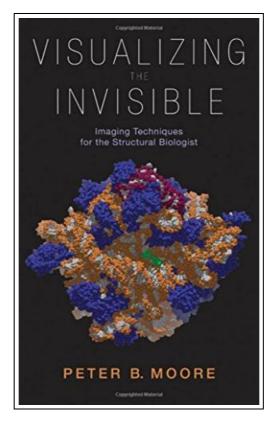
# Visualizing the Invisible: Imaging Techniques for the Structural Biologist (Hardback)



Filesize: 3.81 MB

# Reviews

I just started off reading this article ebook. It is actually writter in basic words and not confusing. I am just very happy to let you know that this is the best ebook i actually have read through inside my individual daily life and can be he finest ebook for possibly.

(Dayne Johns)

# VISUALIZING THE INVISIBLE: IMAGING TECHNIQUES FOR THE STRUCTURAL BIOLOGIST (HARDBACK)



Oxford University Press Inc, United States, 2012. Hardback. Book Condition: New. 239 x 160 mm. Language: English . Brand New Book. Knowledge of the microscopic structure of biological systems is the key to understanding their physiological properties. Most of what we now know about this subject has been generated by techniques that produce images of the materials of interest, one way or another, and there is every reason to believe that the impact of these techniques on the biological sciences will be every bit as important in the future as they are today. Thus the 21st century biologist needs to understand how microscopic imaging techniques work, as it is likely that sooner or later he or she will have to use one or another of them, or will otherwise become dependent on the information that they provide. The objective of this textbook is to introduce its readers to the many techniques now available for imaging biological materials, e.g. crystallography, optical microscopy and electron microscopy, at a level that will enable them to use them effectively to do research. Since all of these experimental methods are best understood in terms of Fourier transformations, this book explains the relevant concepts from this branch of mathematics, and then illustrates their elegance and power by applying them to each of the techniques presented. The book is derived from a one-term course in structural biology that the author gave for many years at Yale. It is intended for students interested either in doing structural research themselves, or in exploiting structural information produced by others. Over the years, the course was taken successfully by advanced undergraduates and by graduate students. Scientists interested in entering the structural biology field later in their careers may also find it useful.



Read Visualizing the Invisible: Imaging Techniques for the Structural Biologist (Hardback) Online Download PDF Visualizing the Invisible: Imaging Techniques for the Structural Biologist (Hardback)

# You May Also Like



#### Goodparents.com: What Every Good Parent Should Know About the Internet (Hardback)

Prometheus Books, United States, 2000. Hardback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book. The Internet may now be the most powerful, single source of information in the world, and...

#### Read Document

»



# THE Key to My Children Series: Evan s Eyebrows Say Yes

AUTHORHOUSE, United States, 2006. Paperback. Book Condition: New. 274 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.THE KEY TO MY CHILDREN SERIES: EVAN S EYEBROWS SAY YES is about...

#### Read Document

»



## Design Collection Creative Cloud Revealed Update (Mixed media product)

Cengage Learning, Inc, United States, 2013. Mixed media product. Book Condition: New. 239 x 193 mm. Language: English . Brand New Book. Your Adobe Creative Cloud package includes two components: 1) Online access to Adobe...

#### Read Document

»



# Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*\*. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

## Read Document

»



# Write Better Stories and Essays: Topics and Techniques to Improve Writing Skills for Students in Grades 6 - 8: Common Core State Standards Aligned

Createspace Independent Publishing Platform, United States, 2012. Paperback. Book Condition: New. 277 x 211 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Mr. George Smith, a children s book author, has been...

## Read Document

»