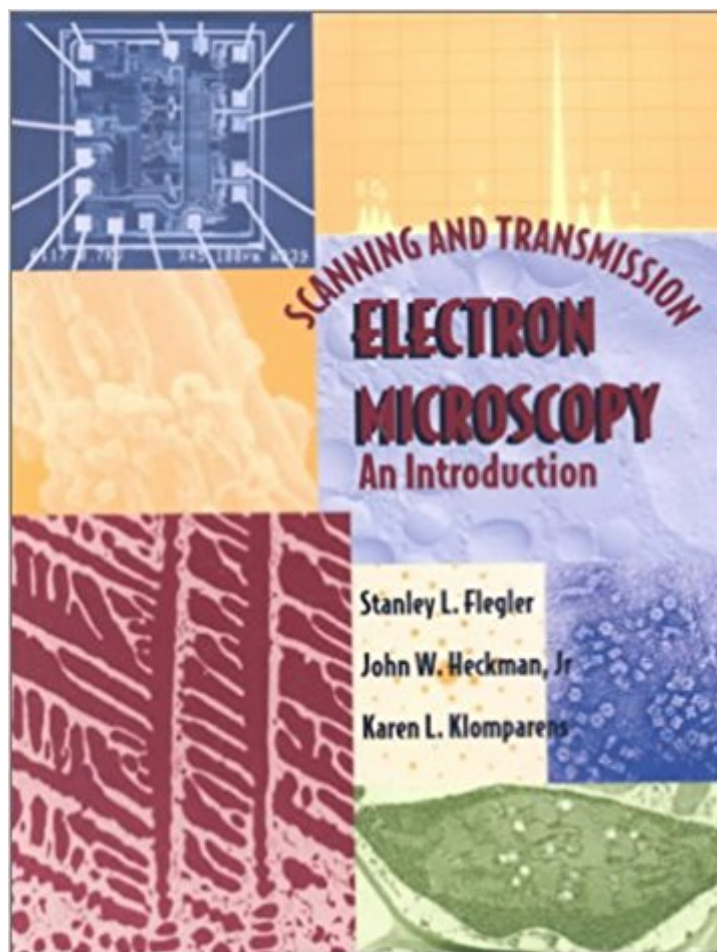


The book was found

Scanning And Transmission Electron Microscopy: An Introduction



Synopsis

This authoritative volume, ideal for use in the laboratory, presents the practical and theoretical fundamentals of scanning and transmission electron microscopy--together in one convenient volume. Clear and concise explanations coupled with instructive diagrams and photographs guide you through microscope operation, image production, analytical techniques, and potential applications to various disciplines. Specimen preparation is discussed in detail, with emphasis on specific parameters for biological specimens. Since each laboratory has its own procedures, this unique book covers the essentials of scanning and transmission electron microscopy while leaving the laboratory particulars to individual discretion. Unmatched in scope and clarity--and filled with helpful diagrams, photographs, and drawings--this text offers the best introduction to scanning and transmission electron microscopy available. Due to its comprehensive coverage, the book will serve as an ideal course text in the electron microscopy classes organized for the benefit of advanced students in both the biological and physical sciences.

Book Information

Hardcover: 240 pages

Publisher: Oxford University Press; Reprint edition (September 23, 1993)

Language: English

ISBN-10: 0195107519

ISBN-13: 978-0195107517

Product Dimensions: 10.2 x 0.7 x 8.2 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars 5 customer reviews

Best Sellers Rank: #1,010,417 in Books (See Top 100 in Books) #29 in [Books > Science & Math > Experiments, Instruments & Measurement > Electron Microscopes & Microscopy](#) #82 in [Books > Science & Math > Experiments, Instruments & Measurement > Microscopes & Microscopy](#) #894 in [Books > Science & Math > Biological Sciences > Biology > Molecular Biology](#)

Customer Reviews

"Excellent basic book on electron microscopy....Concepts are easy to understand."--Yolande Berta, Georgia Institute of Technology
"Presents the practical and theoretical fundamentals of scanning and transmission electron microscopy. Explanations coupled with diagrams and photographs guide the reader." --Journal of Chemical Education

Stanley L. Flegler, John W. Heckman, Jr., and Karen L. Klomparens are at the Center for Electron Optics at Michigan State University.

This is a great introductory book to understand the basic principles of electron microscopy. It contains everything you need to know as a user including vacuum pumping, electron generation, lens operation, and sample preparation.

Excellent purchase excellent content.

This book corresponds directly with what I am learning in class. I received the book by the dates promised. Thanks.

Not only is it a good text book, but it's a good pillow for those times your professor likes to ramble on, about when he used an SEM back in the 90's! This bonus feature that is not listed in the items description, makes me wish I could give it 17 stars.

When the listed "used SEM text" finally arrived, it was in almost new condition. However, I did not receive the book in the mail for over two weeks after I bought it. I am VERY disappointed because it took an entire WEEK for it to ship after I ordered it. Much much too long! I would not order from this source again.

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

Electron microscopy for beginners: Easy course for understanding and doing electron microscopy (Electron microscopy in Science) Scanning Electron Microscopy, X-Ray Microanalysis, and Analytical Electron Microscopy: A Laboratory Workbook Scanning and Transmission Electron Microscopy: An Introduction Scanning Transmission Electron Microscopy: Imaging and Analysis Scanning Transmission Electron Microscopy of Nanomaterials : Basics of Imaging and Analysis Scanning Transmission Electron Microscopy of Nanomaterials: Basics of Imaging Analysis Electron Microprobe Analysis and Scanning Electron Microscopy in Geology Electron Diffraction in the Transmission Electron Microscope (Microscopy Handbooks) Introduction to Conventional Transmission Electron Microscopy (Cambridge Solid State Science Series) Scanning Electron Microscopy and X-Ray Microanalysis: A Text for Biologists, Materials Scientists, and Geologists Scanning Electron Microscopy and X-ray Microanalysis: Third Edition Scanning Electron

Microscopy and X-Ray Microanalysis Fungal morphology and ecology: Mostly scanning electron microscopy Handbook of Sample Preparation for Scanning Electron Microscopy and X-Ray Microanalysis Scanning Electron Microscopy: Applications to Materials and Device Science Normal, Transformed and Leukemic Leukocytes: A Scanning Electron Microscopy Atlas Principles and Practice of Variable Pressure: Environmental Scanning Electron Microscopy (VP-ESEM) Scanning Electron Microscopy: Physics of Image Formation and Microanalysis (Springer Series in Optical Sciences) Transmission Electron Microscopy and Diffractometry of Materials (Graduate Texts in Physics) Transmission Electron Microscopy: Physics of Image Formation and Microanalysis (Springer Series in Optical Sciences,)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)