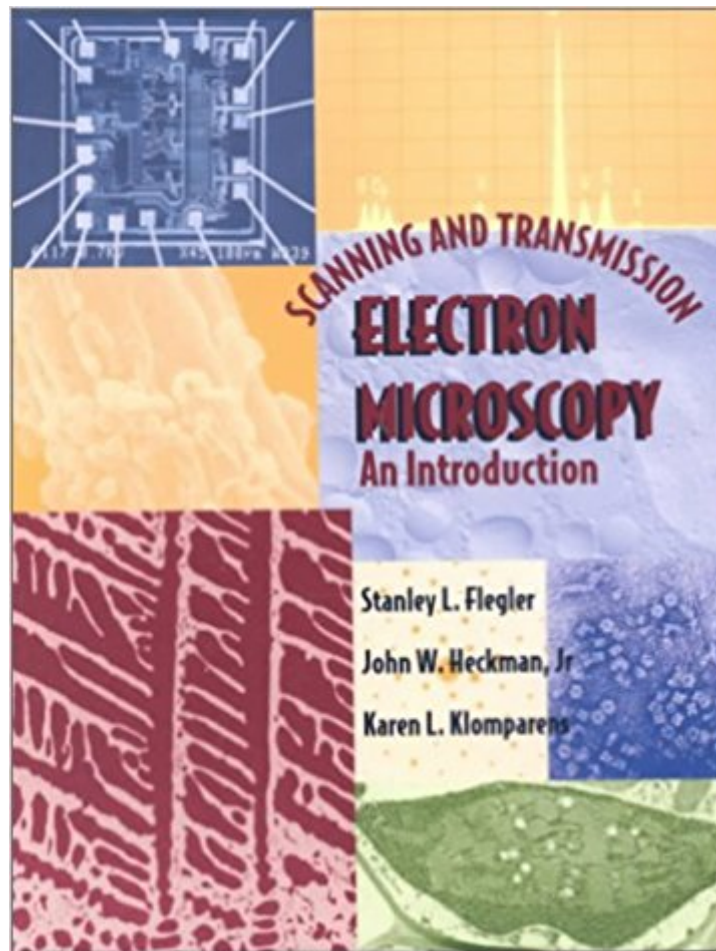




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# Scanning And Transmission Electron Microscopy: An Introduction



## 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

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## 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.

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