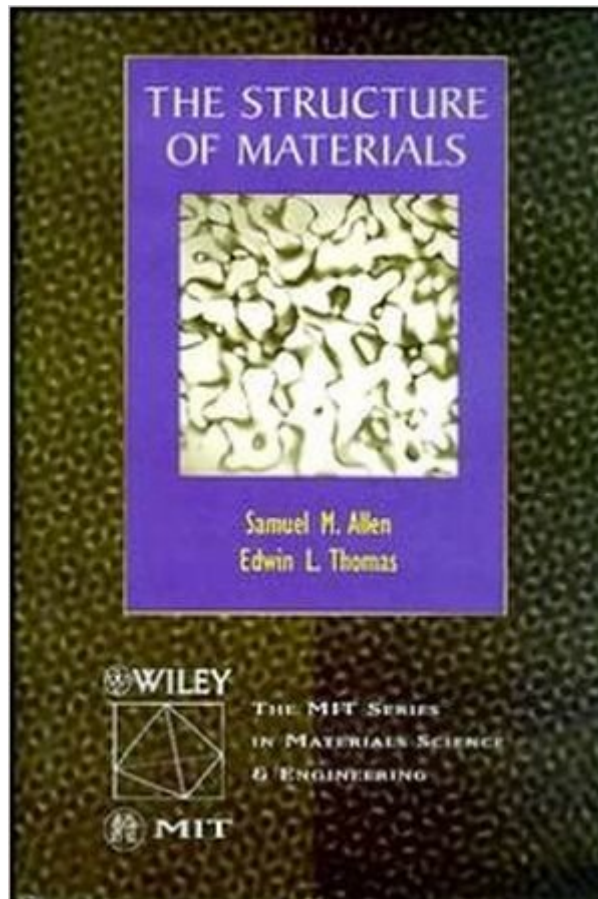


The book was found

The Structure Of Materials (Mit Series In Materials Science And Engineering)



Synopsis

Are You Looking for a Unified and Concise Approach to Teaching and Learning the Structure of Materials? Allen and Thomas present information in a manner consistent with the way future scientists and engineers will be required to think about materials' selection, design, and use. Students will learn the fundamentals of three different states of condensed matter-glasses, crystals, and liquid crystals-and develop a set of tools for describing all of them. Above all, they'll gain a better understanding of the principles of structure common to all materials. Key concepts, such as symmetry theory, are introduced and applied to provide a common viewpoint for describing structures of ceramic, metallic, and polymeric materials. Structure-sensitive properties of real materials are introduced. The text also includes a variety of worked example problems. Other texts available in the MIT Series: Thermodynamics of Materials, Vol I, Ragone, 30885-4 Thermodynamics of Materials, Vol II: Kinetics, Ragone, 30886-2 Physical Ceramics: Principles for Ceramics Science and Engineering, Chiang, Birnie, Kingery, 59873-9 Electronic Properties of Engineering Materials, Livingston, 31627-X

Book Information

Series: Mit Series in Materials Science and Engineering

Hardcover: 447 pages

Publisher: John Wiley & Sons; 1 edition (February 16, 1999)

Language: English

ISBN-10: 0471000825

ISBN-13: 978-0471000822

Product Dimensions: 6.4 x 0.9 x 9.6 inches

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

Average Customer Review: 4.0 out of 5 stars [See all reviews](#) (5 customer reviews)

Best Sellers Rank: #562,185 in Books (See Top 100 in Books) #141 in [Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry](#) #583 in [Books > Engineering & Transportation > Engineering > Chemical](#) #755 in [Books > Engineering & Transportation > Engineering > Materials & Material Science](#)

Customer Reviews

This book, and especially the visuals, helped me get through thermodynamics at MIT. Highly recommended as a supplemental text!

I used this text for my structures class as an undergraduate. The text is really good, but it lacks examples and depth. I found the problems for each chapter very difficult. I strongly suggest using this text with supporting texts.

I had an opportunity to use this text book in one of my classes and found the material within the book confusing for the most part. There are NOT many examples worked out following the explanations of complex equations and their applications -- I feel this leads to a rather limited understanding of important concepts. I recommend looking elsewhere for a crystallography book if you have an option.

This book is hard cover, which is better than I have expected. It has a few highlights and writings, but overall, the book is quite new and looks better than those paperbacks. I also would like to mention the delivery of the book. The book was delivered by USPS. The website showed that it was delivered on Sept. 5th. But I waited and waited and nothing happened. Hopefully, I contacted the seller and someone at madsstuff named Madeline helped me solved the problem and I finally received the book on Sept. 24th. I want to thank him/her for all his/her effort!

The seller said book was in "good" condition, but I don't think it had ever been opened before. Great price for a brand new book.

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

The Structure of Materials (Mit Series in Materials Science and Engineering) Zeitmanagement mit Microsoft Office Outlook, 8. Auflage (einschl. Outlook 2010): Die Zeit im Griff mit der meistgenutzten BÃfÃ rosoftware - Strategien, Tipps ... (Versionen 2003 - 2010) (German Edition) Face Image Analysis by Unsupervised Learning (The Kluwer International Series in Engineering and Computer Science, Volume 612) (The Springer International Series in Engineering and Computer Science) Engineering Materials 2, Fourth Edition: An Introduction to Microstructures and Processing (International Series on Materials Science and Technology) The MIT Guide to Science and Engineering Communication: Second Edition Biomimetic Materials And Design: Biointerfacial Strategies, Tissue Engineering And Targeted Drug Delivery (Manufacturing Engineering & Materials Processing) Polypropylene Structure, blends and composites: Volume 1 Structure and Morphology Advanced Organic Chemistry: Part A: Structure and Mechanisms: Structure and Mechanisms Pt. A Materials North American Edition w/Online Testing: Materials - North American Edition, Second Edition: engineering, science, processing and design Fundamentals of Earthquake Engineering

(Civil engineering and engineering mechanics series) Phillips' Science of Dental Materials, 11e
(Anusavice Phillip's Science of Dental Materials) Phillips' Science of Dental Materials (Anusavice
Phillip's Science of Dental Materials) G.Dieter's Li.Schmidt's Engineering 4th (Fourth)
edition(Engineering Design (Engineering Series) [Hardcover])(2008) The Structure and Reaction
Processes of Coal (The Plenum Chemical Engineering Series) The Science and Engineering of
Microelectronic Fabrication (The Oxford Series in Electrical and Computer Engineering) The Solid
State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and
Engineering (Oxford Physics Series) Fundamentals of Ceramics (Series in Materials Science and
Engineering) Earthquake Engineering: From Engineering Seismology to Performance-Based
Engineering Tissue Engineering I: Scaffold Systems for Tissue Engineering (Advances in
Biochemical Engineering/Biotechnology) (v. 1) ThermoPoetics: Energy in Victorian Literature and
Science (MIT Press)

[Dmca](#)