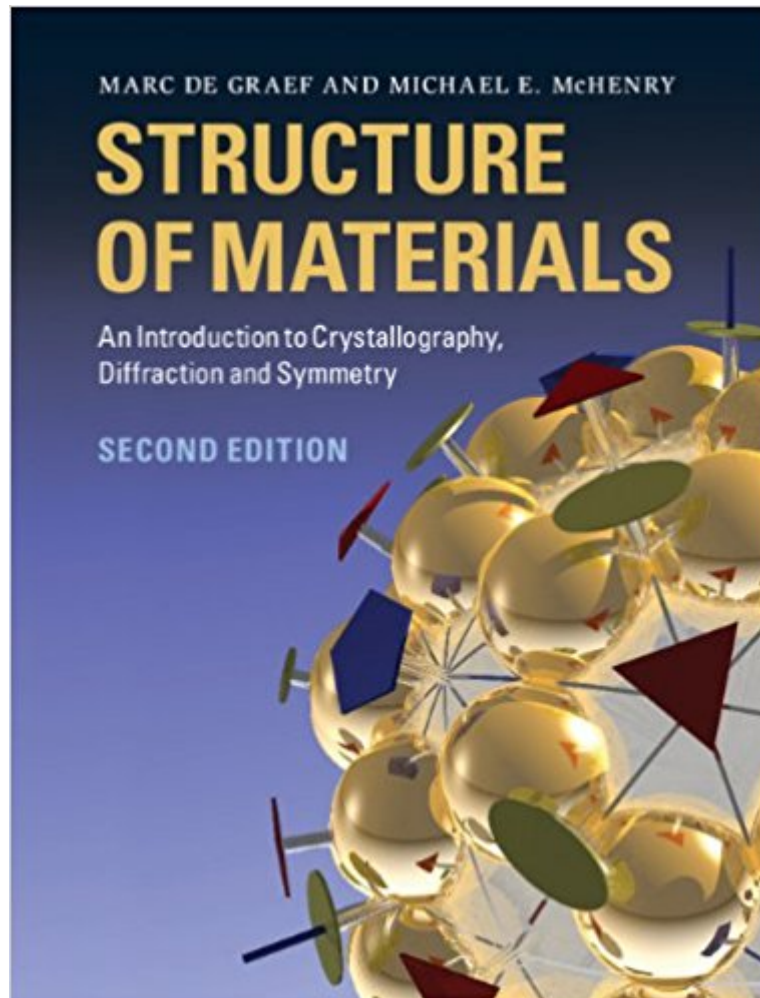




The book was found

Structure Of Materials



Synopsis

This highly readable, popular textbook for upper undergraduates and graduates comprehensively covers the fundamentals of crystallography and symmetry, applying these concepts to a large range of materials. New to this edition are more streamlined coverage of crystallography, additional coverage of magnetic point group symmetry and updated material on extraterrestrial minerals and rocks. New exercises at the end of chapters, plus over 500 additional exercises available online, allow students to check their understanding of key concepts and put into practice what they have learnt. Over 400 illustrations within the text help students visualise crystal structures and more abstract mathematical objects, supporting more difficult topics like point group symmetries. Historical and biographical sections add colour and interest by giving an insight into those who have contributed significantly to the field. Supplementary online material includes password-protected solutions, over 100 crystal structure data files, and Powerpoints of figures from the book.

Book Information

File Size: 48414 KB

Print Length: 773 pages

Page Numbers Source ISBN: 1107005876

Simultaneous Device Usage: Up to 4 simultaneous devices, per publisher limits

Publisher: Cambridge University Press; 2 edition (August 31, 2012)

Publication Date: August 31, 2012

Sold by: Amazon Digital Services LLC

Language: English

ASIN: B009XBOUNA

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #128,711 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #2

in Kindle Store > Kindle eBooks > Nonfiction > Science > Chemistry > Crystallography #8

in Books > Science & Math > Chemistry > Crystallography #23 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Materials Science

Customer Reviews

The book covers a lot of material essential to understanding materials science in a fairly competent manor. Easy to read and follow.

This is an introductory book dedicated to the structures of a broad range of materials from metals to polymers. The author provides a comprehensive yet clear presentation about metallic and ceramic materials. The discussion on organic materials is just brief. One may refer to other textbooks if organic materials are of interest.

good

Love this book

I don't know about the editorial content, but the printing is defective. Many of the first hundred pages were printed with plates that were dripping with excess ink. The attached images are from scans with a black background, so this is no optical bleed-through, it's soaking-wet ink bleed-through. The verso says "Printed in the United Kingdom at the University Press, Cambridge." They must have had a pint too many.

school

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

The Structure of Materials (Mit Series in Materials Science and Engineering) Solution Key for Algebra and Trigonometry: Structure and Method: Book 2 (McDougal Littell Structure & Method) Advanced Organic Chemistry: Part A: Structure and Mechanisms: Structure and Mechanisms Pt. A Engineering Materials 3: Materials Failure Analysis: Case Studies and Design Implications (International Series on Materials Science and Technology) (v. 3) Structure of Materials: An Introduction to Crystallography, Diffraction and Symmetry Properties of Materials: Anisotropy, Symmetry, Structure Structure of Materials Structure and Dynamics: An Atomic View of Materials (Oxford Master Series in Physics) Structure and Bonding in Crystalline Materials High Energy Density Materials (Structure and Bonding) His Dark Materials Trilogy (His Dark Materials) Exam Prep: Hazardous Materials Awareness And Operations (Exam Prep: Hazardous Materials Awareness & Operations) Composite Materials: Materials, Manufacturing, Analysis, Design and Repair Electrodeposition: The Materials Science of Coatings and Substrates (Materials Science and Process Technology) Transport Phenomena in Materials Processing (The Minerals, Metals &

Materials Series) Chemistry of Hazardous Materials (6th Edition) (Hazardous Materials Chemistry)
Land Law: Text, Cases, and Materials (Text, Cases And Materials) Materials: Engineering, Science,
Processing and Design (Materials 3e North American Edition w/Online Testing) Supramolecular
Materials for Opto-Electronics (Smart Materials Series) Materials for Optoelectronics (Electronic
Materials: Science & Technology)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)