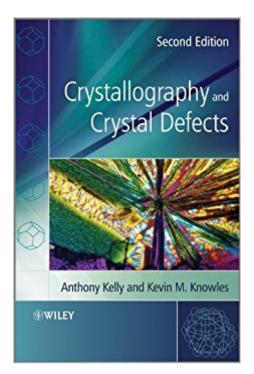


The book was found

Crystallography And Crystal Defects





Synopsis

Extensively revised and updated, this new edition of a classic text presents a unified approach to crystallography and to the defects found within crystals. The book combines the classical and exact description of symmetry of a perfect crystal with the possible geometries of the major defects-dislocations, stacking faults, point defects, twins, interfaces and the effects of martensitic transformations. A number of important concepts and exciting new topics have been introduced in this second edition, including piezoelectricity, liquid crystals, nanocrystalline concepts, incommensurate materials and the structure of foamed and amorphous solids. The coverage of quasicrystalline materials has been extended, and the data tables, appendices and references have been fully updated. Reinforcing its unrivalled position as the core text for teaching crystallography and crystal defects, each chapter includes problem sets with brief numerical solutions at the end of the book. Detailed worked solutions, supplementary lecture material and computer programs for crystallographic calculations are provided online (http://booksupport.wiley.com).

Book Information

File Size: 14832 KB Print Length: 536 pages Publisher: Wiley; 2 edition (February 6, 2012) Publication Date: February 6, 2012 Sold by: Â Â Digital Services LLC Language: English ASIN: B007U91NPU Text-to-Speech: Enabled Not Enabled X-Ray: Word Wise: Not Enabled Lending: Not Enabled Screen Reader: Supported Enhanced Typesetting: Enabled Best Sellers Rank: #512,520 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #9 in Å Å Kindle Store > Kindle eBooks > Nonfiction > Science > Chemistry > Crystallography #68 inà Books > Science & Math > Chemistry > Crystallography #10839 inà Â Books > Science & Math > Earth Sciences

Customer Reviews

Not the best book out there. The book fails miserably especially on the chapters dealing with crystallographic point groups. Overall this book is for mat sci students who already know their stuff

If you're looking for a basic introductory text book that explains things clearly, look elsewhere.

The Basics of Crystallography and Diffraction (International Union of Crystallography Texts on Crystallography) The Basics of Crystallography and Diffraction: Fourth Edition (International Union of Crystallography Texts on Crystallography) The Basics of Crystallography and Diffraction: Third Edition (International Union of Crystallography Texts on Crystallography) Crystallography and Crystal Defects Crystal Structure Analysis: Principles and Practice (International Union of Crystallography Monographs on Crystallography) Crystal Healing: Charge Up Your Mind, Body And Soul - Beginner's Journey (Crystal Healing For Beginners, Chakras, Meditating With Crystals, Healing Stones, Crystal Magic, Power of Crystals Book 1) Crystal Healing: Charge Up Your Mind, Body And Soul - Beginner's Journey (Crystal Healing For Beginners, Chakras, Meditating With Crystals, Healing Stones, Crystal Magic, Power of Crystals) (Volume 1) Wicca Crystal Magic: A Beginnerââ ¬â,,¢s Guide to Practicing Wiccan Crystal Magic, with Simple Crystal Spells Wicca Crystal Magic: A BeginnerA¢â –â,,¢s Guide to Practicing Wiccan Crystal Magic, with Simple Crystal Spells (Wicca Books Book 4) New Patient's Guide to Osteochondral Defects: Learn about Osteochondral Defects in the Ankle and Knee Before We Are Born: Essentials of Embryology and Birth Defects With STUDENT CONSULT Online Access, 7e (Before We Are Born: Essentials of Embryology & Birth Defects) Before We Are Born: Essentials of Embryology and Birth Defects, 6e (Before We Are Born: Essentials of Embryology & Birth Defects) The Rietveld Method (International Union of Crystallography Monographs on Crystallography) International Tables for Crystallography, Space-Group Symmetry (IUCr Series. International Tables of Crystallography) Minerals and Rocks: Exercises in Crystal and Mineral Chemistry, Crystallography, X-ray Powder Diffraction, Mineral and Rock Identification, and Ore Mineralogy Crystallography and Crystal Chemistry: Introduction to the Geometry of the Solid State Crystallography Made Crystal Clear, Third Edition: A Guide for Users of Macromolecular Models (Complementary Science) Crystal Clear: The Inspiring Story of How an Olympic Athlete Lost His Legs Due to Crystal Meth and Found a Better Life Crystal Prescriptions: The A-Z Guide to Over 1,200 Symptoms and Their Healing Crystals (Crystal Prescriptions) Crystal Ball Gazing: The Complete Guide to Choosing and Reading Your Crystal Ball

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