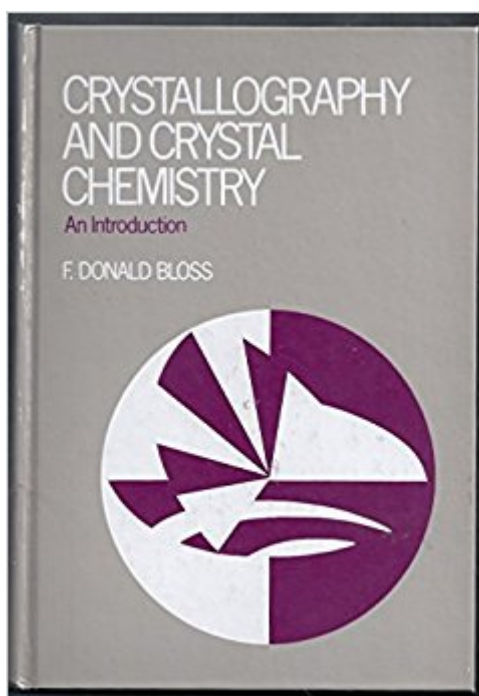


The book was found

Crystallography And Crystal Chemistry: Introduction To The Geometry Of The Solid State



Synopsis

First year text book for undergraduates.

Book Information

Hardcover: 544 pages

Publisher: Thomson Learning (January 1, 1971)

Language: English

ISBN-10: 0030851556

ISBN-13: 978-0030851551

Package Dimensions: 9.2 x 6.6 x 1.1 inches

Shipping Weight: 2 pounds

Average Customer Review: 5.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #1,199,006 in Books (See Top 100 in Books) #100 in Books > Science & Math > Chemistry > Crystallography #152 in Books > Science & Math > Physics > Nuclear Physics > Atomic & Nuclear Physics #14974 in Books > Science & Math > Earth Sciences

Customer Reviews

First year text book for undergraduates.

If this is the same text as the hardcover 1971 edition (does not say any other edition), then this review may be appropriate here: This crystallography text was prepared for college undergraduates who have had no prior experience of the subject. Even before I became an undergrad student, I recognized the worth of this text (I snapped up the hardcover for \$10 at a used book shop; what a bargain!). Chapters include: 1. External Symmetry 2. Crystal Classes, Axes, and Systems 3. Crystal Nomenclature and Calculations 4. Crystal projections (stereonet etc) 5. Crystal Forms and Class Determination 6. Translational Symmetry: Lattices 7. Internal Symmetry: Space Groups 8. Crystal Chemistry 9. Principles of Crystal Structures 10. Structural Variations, Composition & Stability 11. Physical Properties 12. Crystals and Light 13. Introductory X-ray Crystallography Atomic Weights, and INDEX. Each chapter in sections, and most chapters include references and recommended reading, and most include a few exercise questions and answers. This may be the best text for the student in print. It is lucid, clearly well written (as well as a college text can be expected to be), and treats well a subject which is often found difficult by students. Many a later text refers to this one for much of its information on the subject. You really have to be into crystallography to learn it; if so, consider this text. -DMM

You will not find a better written, more clearly illustrated book on this subject. This book is loaded with hundreds of illustrations depicting each concept. Every aspect of the subject is explained in detail with many references to the original literature. This is the book from which contemporary authors turn for explanatory details. Solid state chemists or physicists, materials scientists or crystallographers should not be without a copy.

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

Crystallography and Crystal Chemistry: Introduction to the Geometry of the Solid State 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) Crystal Structure Analysis: Principles and Practice (International Union of Crystallography Monographs on Crystallography) The Floridas: The Sunshine State * The Alligator State * The Everglade State * The Orange State * The Flower State * The Peninsula State * The Gulf State 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) Minerals and Rocks: Exercises in Crystal and Mineral Chemistry, Crystallography, X-ray Powder Diffraction, Mineral and Rock Identification, and Ore Mineralogy Wicca Crystal Magic: A Beginner's Guide to Practicing Wiccan Crystal Magic, with Simple Crystal Spells Wicca Crystal Magic: A Beginner's Guide to Practicing Wiccan Crystal Magic, with Simple Crystal Spells (Wicca Books Book 4) The Rietveld Method (International Union of Crystallography Monographs on Crystallography) International Tables for Crystallography, Space-Group Symmetry (IUCr Series. International Tables of Crystallography) Crystallography and Crystal Defects Crystallography Made Crystal Clear, Third Edition: A Guide for Users of Macromolecular Models (Complementary Science) Solid State Chemistry: An Introduction, Fourth Edition Introduction to Crystallography (Dover Books on Chemistry) 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

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)