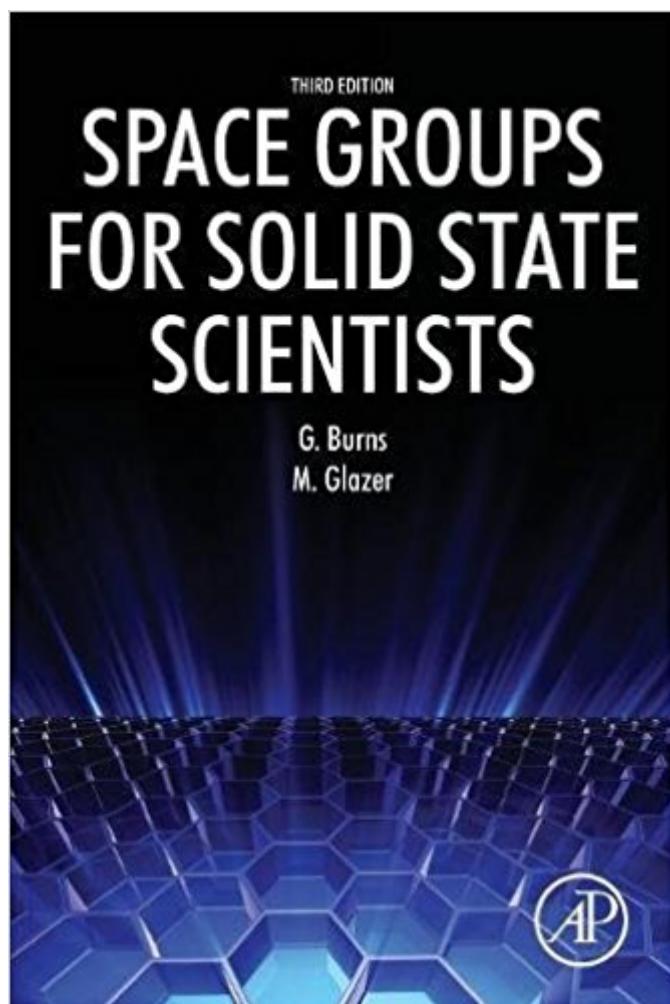


The book was found

Space Groups For Solid State Scientists, Third Edition



Synopsis

This comprehensively revised â€“ essentially rewritten â€“ new edition of the 1990 edition (described as "extremely useful" by MATHEMATICAL REVIEWS and as "understandable and comprehensive" by Scitech) guides readers through the dense array of mathematical information in the International Tables Volume A. Thus, most scientists seeking to understand a crystal structure publication can do this from this book without necessarily having to consult the International Tables themselves. This remains the only book aimed at non-crystallographers devoted to teaching them about crystallographic space groups. Reflecting the bewildering array of recent changes to the International Tables, this new edition brings the standard of science well up-to-date, reorganizes the logical order of chapters, improves diagrams and presents clearer explanations to aid understanding. Clarifies, condenses and simplifies the meaning of the deeply written, complete Tables of Crystallography into manageable chunks. Provides a detailed, multi-factor, interdisciplinary explanation of how to use the International Tables for a number of possible, hitherto unexplored uses. Presents essential knowledge to those needing the necessary but missing pedagogical support and detailed advice â€“ useful for instance in symmetry of domain walls in solids.

Book Information

Paperback: 432 pages

Publisher: Academic Press; Paperback reprint of hardcover 3rd ed., 2013 edition (September 2, 2016)

Language: English

ISBN-10: 0128100613

ISBN-13: 978-0128100615

Product Dimensions: 6 x 1 x 9 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 3 customer reviews

Best Sellers Rank: #885,542 in Books (See Top 100 in Books) #76 in Books > Science & Math > Chemistry > Crystallography #182 in Books > Science & Math > Chemistry > Inorganic #301 in Books > Science & Math > Physics > Solid-State Physics

Customer Reviews

Praise for First Edition "Space Groups for Solid State Scientists fills a definite need and fills it well....The book is clearly written, in a very readable style. It is lavishly illustrated and well printed. It

contains many examples to illustrate the points being made, and these, together with the problems for solution at the end of each chapter, make it suitable for use as a textbook at the graduate level. In addition to its role as a guide to the International Tables the book is valuable for the research scientist because of the many tables it presents."--PHYSICS TODAY"An understandable and comprehensive guide...Of particular interest in this new edition are the discussions of space groups application to such timely topics as high-temperature superconductors, phase transitions, semiconductor superlattices, incommensurate modulation, and icosahedral symmetry."--SCITECH"The book will be extremely useful to those who are interested in improving their knowledge of space groups for the determination of complicated structures."--MATHEMATICAL REVIEWS

Just what I need. The details about space groups are very hard to find elsewhere. This book is pedagogically excellent.

Great book. Good condition

Pretty good book. The appendices are invaluable.

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

Space Groups for Solid State Scientists, Third Edition Space Groups for Solid State Scientists, Second Edition The Floridas: The Sunshine State * The Alligator State * The Everglade State * The Orange State * The Flower State * The Peninsula State * The Gulf State Groups and Symmetries: From Finite Groups to Lie Groups (Universitext) The Mathematical Theory of Symmetry in Solids: Representation Theory for Point Groups and Space Groups (Oxford Classic Texts in the Physical Sciences) Third Eye: Third Eye Activation Mastery, Easy And Simple Guide To Activating Your Third Eye Within 24 Hours (Third Eye Awakening, Pineal Gland Activation, Opening the Third Eye) A to Z of Scientists in Space and Astronomy (Notable Scientists) The Scientists Behind Space (Sci-Hi: Scientists) Leading Life-Changing Small Groups (Groups that Grow) Transformational Groups: Creating a New Scorecard for Groups Patai's 1992 Guide to the Chemistry of Functional Groups (Patai's Chemistry of Functional Groups) The Chemistry of Double-Bonded Functional Groups, Supplement A3, 2 Part Set (Patai's Chemistry of Functional Groups) Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) Launch Vehicles Pocket Space Guide: Heritage of the Space Race (Pocket Space Guides) Park Scientists: Gila Monsters, Geysers, and Grizzly Bears in America's Own Backyard (Scientists in the

Field Series) The Bat Scientists (Scientists in the Field Series) Advice to Rocket Scientists: A Career Survival Guide for Scientists and Engineers (Library of Flight) Physics for Scientists and Engineers: Vol. 2: Electricity and Magnetism, Light (Physics, for Scientists & Engineers, Chapters 22-35) Brilliant African-American Scientists: Nine Exceptional Lives (Great Scientists and Famous Inventors) The Polar Bear Scientists (Scientists in the Field Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)