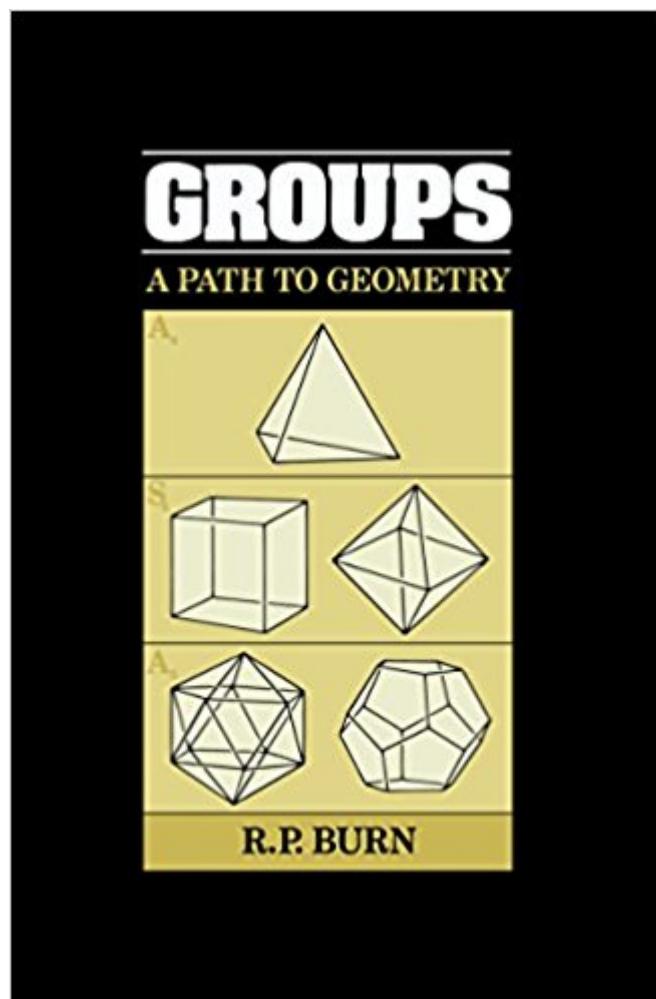


The book was found

Groups: A Path To Geometry



Synopsis

This book follows the same successful approach as Dr Burn's previous book on number theory. It consists of a carefully constructed sequence of questions which will enable the reader, through his or her own participation, to generate all the group theory covered by a conventional first university course. An introduction to vector spaces, leading to the study of linear groups, and an introduction to complex numbers, leading to the study of Möbius transformations and stereographic projection, are also included. Quaternions and their relationship to three-dimensional isometries are covered, and the climax of the book is a study of crystallographic groups, with a complete analysis of these groups in two dimensions.

Book Information

File Size: 23476 KB

Print Length: 256 pages

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

Publisher: Cambridge University Press (September 3, 1987)

Publication Date: September 3, 1987

Sold by: Amazon Digital Services LLC

Language: English

ASIN: B01N6Y4U18

Text-to-Speech: Not enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #395,668 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #14 in Kindle Store > Kindle eBooks > Nonfiction > Science > Mathematics > Geometry & Topology > Topology #44 in Kindle Store > Kindle eBooks > Nonfiction > Science > Mathematics > Geometry & Topology > General Geometry #135 in Books > Science & Math > Mathematics > Geometry & Topology > Topology

Customer Reviews

Excellent book and excellent service!

R. P. Burn is an amazing writer for mathematical textbooks. This book follows Burn's typical format;

therefore, this text is little more than a collection of (very) brief introductions to terminology and concepts, followed by a long list of questions for each chapter. Finally, each chapter has an answer section. The questions asked typically very short, and at first are very simple and intuitively obvious. As each chapter progresses, however, the questions begin to build from prior questions already answered and express more and more complex concepts. Typically, by the time a chapter has been completed, the reader will have completed one or more complicated proofs typically found in other texts on the same subject-- small bite by small bite at a time. Highly recommended

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

Groups and Symmetries: From Finite Groups to Lie Groups (Universitext) Modern Geometry
Methods and Applications: Part I: The Geometry of Surfaces, Transformation Groups, and Fields (Graduate Texts in Mathematics) (Pt. 1) Groups: A Path to Geometry 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) The Mathematical Theory of Symmetry in Solids: Representation Theory for Point Groups and Space Groups (Oxford Classic Texts in the Physical Sciences) Dorset & South Devon Coast Path: (Sw Coast Path Part 3) British Walking Guide With 70 Large-Scale Walking Maps, Places To Stay, Places To Eat (Trailblazer: Sw Coast Path) Exmoor & North Devon Coast Path: (Sw Coast Path Part 1) British Walking Guide With 53 Large-Scale Walking Maps, Places To Stay, Places To Eat (British ... Exmoor & North Devon Coast Path Minehead) Analysis and Geometry on Groups (Cambridge Tracts in Mathematics) Riemannian Holonomy Groups and Calibrated Geometry (Oxford Graduate Texts in Mathematics) From Groups to Geometry and Back (Student Mathematical Library) The Geometry of Discrete Groups (Graduate Texts in Mathematics) Geometry for Students and Parents: Geometry problems and solutions Taxicab Geometry: An Adventure in Non-Euclidean Geometry (Dover Books on Mathematics) Order In Chaos: How The Mandelbrot Set & Fractal Geometry Help Unlock the Secrets of The Entire Universe! (Mandelbrot Set, Fractal Geometry) Spectral Geometry of the Laplacian: Spectral Analysis and Differential Geometry of the Laplacian McDougal Littell Jurgensen Geometry: Answer Key for Study Guide for Reteaching & Practice Geometry Geometry (Holt McDougal Larson Geometry)

[Contact Us](#)

[DMCA](#)

Privacy

FAQ & Help