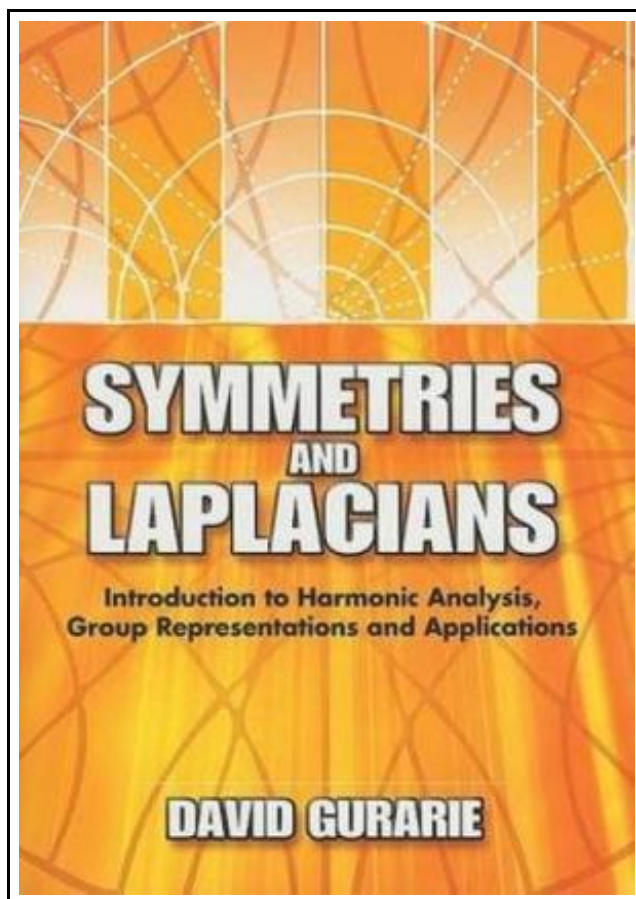


Symmetries and Laplacians: Introduction to Harmonic Analysis, Group Representations and Applications



Filesize: 8.69 MB

Reviews

These sorts of ebook is the best publication accessible. It is amongst the most amazing ebook i actually have read. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Jace Gusikowski IV)

SYMMETRIES AND LAPLACIANS: INTRODUCTION TO HARMONIC ANALYSIS, GROUP REPRESENTATIONS AND APPLICATIONS



Dover Publications. Paperback. Book Condition: New. Paperback. 464 pages. Dimensions: 9.1in. x 6.4in. x 1.0in. Designed as an introduction to harmonic analysis and group representations, this book examines concepts, ideas, results, and techniques related to symmetry groups and Laplacians. Its exposition is based largely on examples and applications of general theory, covering a wide range of topics rather than delving deeply into any particular area. Author David Gurarie, a Professor of Mathematics at Case Western Reserve University, focuses on discrete or continuous geometrical objects and structures, such as regular graphs, lattices, and symmetric Riemannian manifolds. Starting with the basics of representation theory, Professor Gurarie discusses commutative harmonic analysis, representations of compact and finite groups, Lie groups, and the Heisenberg group and semidirect products. Among numerous applications included are integrable hamiltonian systems, geodesic flows on symmetric spaces, and the spectral theory of the Hydrogen atom (Schrodinger operator with Coulomb potential) explicated by its Runge-Lenz symmetry. Three helpful appendixes include supplemental information, and the text concludes with references, a list of frequently used notations, and an index. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.



[Read Symmetries and Laplacians: Introduction to Harmonic Analysis, Group Representations and Applications Online](#)



[Download PDF Symmetries and Laplacians: Introduction to Harmonic Analysis, Group Representations and Applications](#)

Relevant Books



DK Readers Day at Greenhill Farm Level 1 Beginning to Read

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in. This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs...

[Save Document »](#)



DK Readers Animal Hospital Level 2 Beginning to Read Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.9in. x 5.8in. x 0.1in. This Level 2 book is appropriate for children who are beginning to read alone. When Jack and Luke take an injured...

[Save Document »](#)



Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. This book is about my cousin, Billy a guy who taught me a lot over the years and who...

[Save Document »](#)



Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values

Summer Fit Learning. Paperback. Book Condition: New. Paperback. 160 pages. Dimensions: 10.6in. x 8.3in. x 0.5in. Summer Fit Activity Books move summer learning beyond academics to also prepare children physically and socially for the grade ahead....

[Save Document »](#)



The Day I Forgot to Pray

Tate Publishing. Paperback. Book Condition: New. Paperback. 28 pages. Dimensions: 8.7in. x 5.8in. x 0.3in. Alexis is an ordinary five-year-old who likes to run and play in the sandbox. On her first day of Kindergarten, she...

[Save Document »](#)