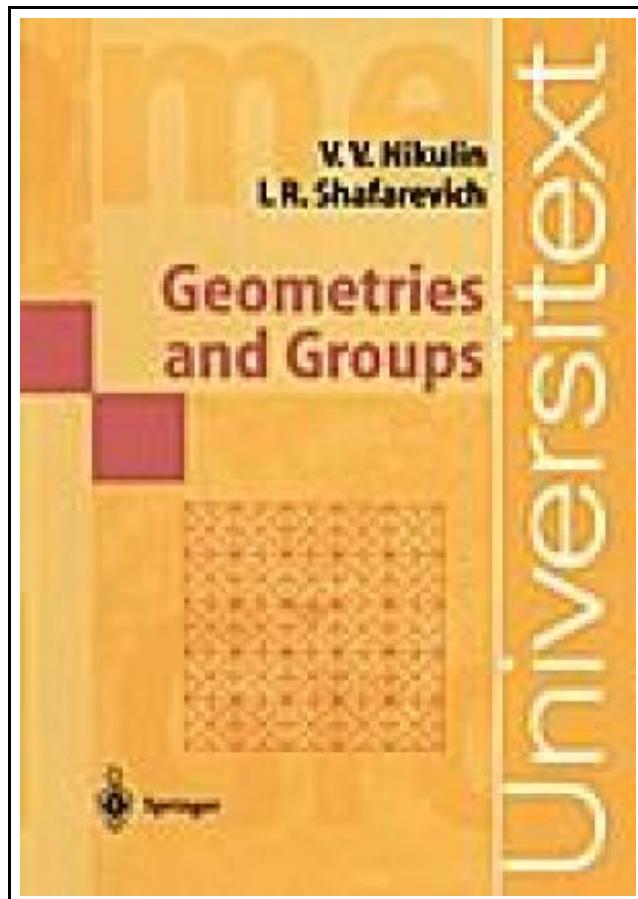


## Geometries and Groups



Filesize: 9.66 MB

### Reviews

*Very helpful for all category of men and women. It is rally fascinating throgh studying period. It is extremely difficult to leave it before concluding, once you begin to read the book.*  
*(Prof. Asia King)*

## GEOMETRIES AND GROUPS

[DOWNLOAD](#)

To read **Geometries and Groups** eBook, you should follow the hyperlink under and download the document or have access to other information which are highly relevant to GEOMETRIES AND GROUPS book.

Springer Sep 1994, 1994. Taschenbuch. Book Condition: Neu. 23.3x15.5x cm. This item is printed on demand - Print on Demand Neuware - This is a quite exceptional book, a lively and approachable treatment of an important field of mathematics given in a masterly style. Assuming only a school background, the authors develop locally Euclidean geometries, going as far as the modular space of structures on the torus, treated in terms of Lobachevsky's non-Euclidean geometry. Each section is carefully motivated by discussion of the physical and general scientific implications of the mathematical argument, and its place in the history of mathematics and philosophy. The book is expected to find a place alongside classics such as Hilbert and Cohn-Vossen's 'Geometry and the imagination' and Weyl's 'Symmetry'. This book is devoted to the theory of geometries which are locally Euclidean, in the sense that in small regions they are identical to the geometry of the Euclidean plane or Euclidean 3-space. Starting from the simplest examples, we proceed to develop a general theory of such geometries, based on their relation with discrete groups of motions of the Euclidean plane or 3-space; we also consider the relation between discrete groups of motions and crystallography. The description of locally Euclidean geometries of one type shows that these geometries are themselves naturally represented as the points of a new geometry. The systematic study of this new geometry leads us to 2-dimensional Lobachevsky geometry (also called non-Euclidean or hyperbolic geometry) which, following the logic of our study, is constructed starting from the properties of its group of motions. Thus in this book we would like to introduce the reader to a theory of geometries which are different from the usual Euclidean geometry of the plane and 3-space, in terms of examples which are accessible to a concrete and...

[Read Geometries and Groups Online](#)[Download PDF Geometries and Groups](#)

## You May Also Like

---



### [PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Click the hyperlink below to get "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" PDF document.

[Save Document »](#)

---



### [PDF] TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)

Click the hyperlink below to get "TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)" PDF document.

[Save Document »](#)

---



### [PDF] Very Short Stories for Children: A Child's Book of Stories for Kids

Click the hyperlink below to get "Very Short Stories for Children: A Child's Book of Stories for Kids" PDF document.

[Save Document »](#)

---



### [PDF] DK Readers L4: Danger on the Mountain: Scaling the World's Highest Peaks

Click the hyperlink below to get "DK Readers L4: Danger on the Mountain: Scaling the World's Highest Peaks" PDF document.

[Save Document »](#)

---



### [PDF] Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer (Paperback)

Click the hyperlink below to get "Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer (Paperback)" PDF document.

[Save Document »](#)

---



### [PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

Click the hyperlink below to get "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" PDF document.

[Save Document »](#)