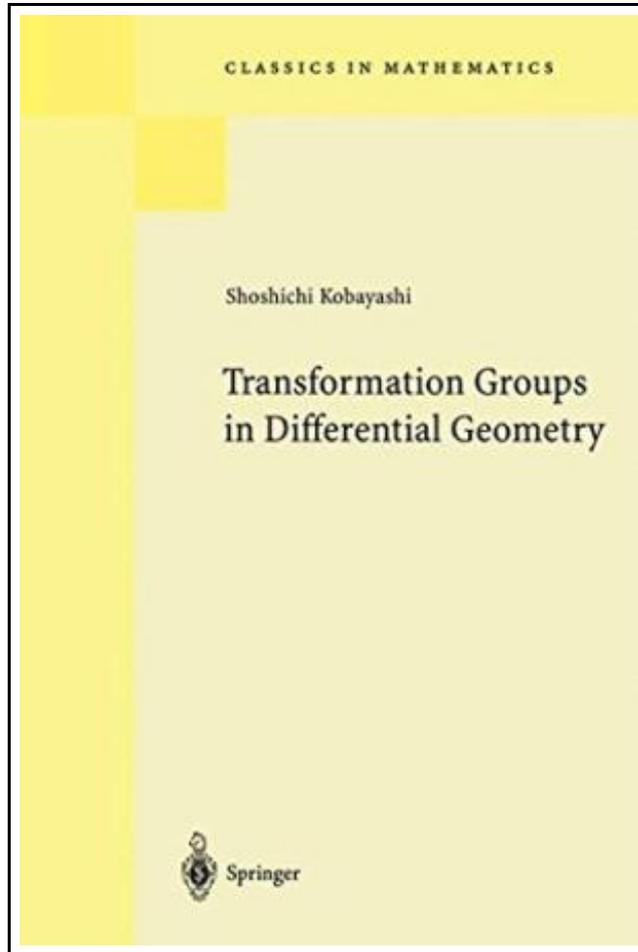


Transformation Groups in Differential Geometry



Filesize: 4.33 MB

Reviews

*Complete information! Its this kind of good study. This really is for all those who statte that there was not a well worth looking at. I found out this pdf from my dad and i encouraged this ebook to learn.
(Candida Deckow III)*

TRANSFORMATION GROUPS IN DIFFERENTIAL GEOMETRY



Book Condition: New. Publisher/Verlag: Springer, Berlin | Given a mathematical structure, one of the basic associated mathematical objects is its automorphism group. The object of this book is to give a biased account of automorphism groups of differential geometric structures. All geometric structures are not created equal; some are creations of gods while others are products of lesser human minds. Amongst the former, Riemannian and complex structures stand out for their beauty and wealth. A major portion of this book is therefore devoted to these two structures. Chapter I describes a general theory of automorphisms of geometric structures with emphasis on the question of when the automorphism group can be given a Lie group structure. Basic theorems in this regard are presented in 3, 4 and 5. The concept of G-structure or that of pseudo-group structure enables us to treat most of the interesting geometric structures in a unified manner. In 8, we sketch the relationship between the two concepts. Chapter I is so arranged that the reader who is primarily interested in Riemannian, complex, conformal and projective structures can skip 5, 6, 7 and 8. This chapter is partly based on lectures I gave in Tokyo and Berkeley in 1965. | I. Automorphisms of G-Structures.- 1. G -Structures.- 2. Examples of G-Structures.- 3. Two Theorems on Differentiable Transformation Groups.- 4. Automorphisms of Compact Elliptic Structures.- 5. Prolongations of G-Structures.- 6. Volume Elements and Symplectic Structures.- 7. Contact Structures.- 8. Pseudogroup Structures, G-Structures and Filtered Lie Algebras.- II. Isometries of Riemannian Manifolds.- 1. The Group of Isometries of a Riemannian Manifold.- 2. Infinitesimal Isometries and Infinitesimal Affine Transformations.- 3. Riemannian Manifolds with Large Group of Isometries.- 4. Riemannian Manifolds with Little Isometries.- 5. Fixed Points of Isometries.- 6. Infinitesimal Isometries and Characteristic Numbers.- III. Automorphisms of Complex...



[Read Transformation Groups in Differential Geometry Online](#)

[Download PDF Transformation Groups in Differential Geometry](#)

Other Kindle Books



Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years...

[Read PDF »](#)



Violet Rose and the Surprise Party

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a...

[Read PDF »](#)



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

[Read PDF »](#)



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

Createspace, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.The Children s Handwriting Book of Alphabets and Numbers provides extensive focus on...

[Read PDF »](#)



Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Read PDF »](#)