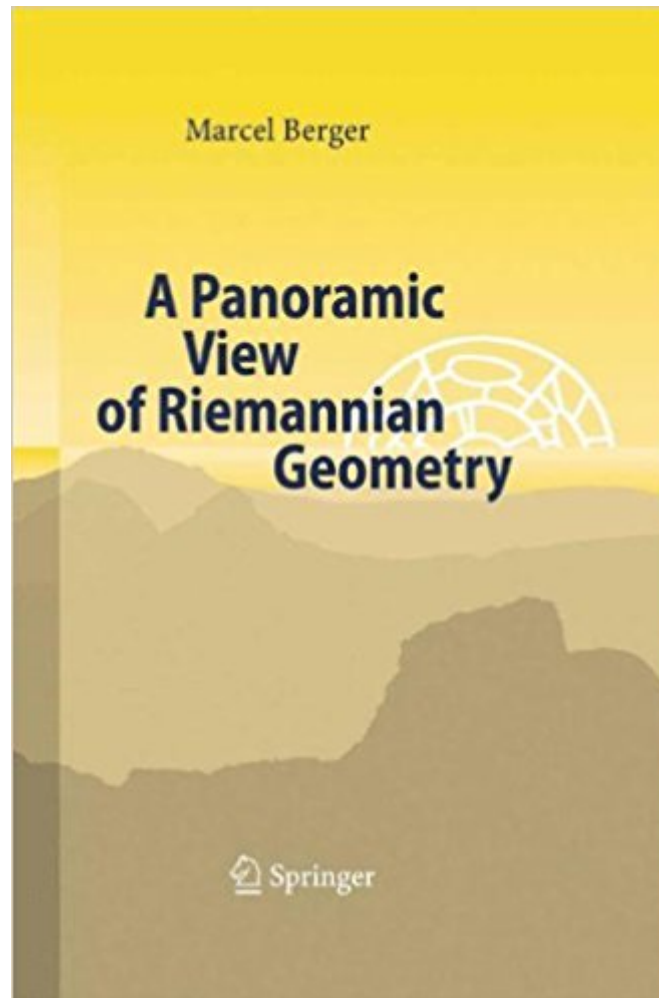




Ebook Directory
the best source of ebook

The book was found

A Panoramic View Of Riemannian Geometry



Synopsis

This book introduces readers to the living topics of Riemannian Geometry and details the main results known to date. The results are stated without detailed proofs but the main ideas involved are described, affording the reader a sweeping panoramic view of almost the entirety of the field. From the reviews "The book has intrinsic value for a student as well as for an experienced geometer. Additionally, it is really a compendium in Riemannian Geometry." --MATHEMATICAL REVIEWS

Book Information

Hardcover: 824 pages

Publisher: Springer (September 6, 2007)

Language: English

ISBN-10: 3540653171

ISBN-13: 978-3540653172

Product Dimensions: 6.6 x 2 x 9.6 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 4.8 out of 5 stars 5 customer reviews

Best Sellers Rank: #326,825 in Books (See Top 100 in Books) #38 in Books > Science & Math > Mathematics > Geometry & Topology > Differential Geometry #40 in Books > Science & Math > Mathematics > Geometry & Topology > Analytic Geometry #186 in Books > Textbooks > Science & Mathematics > Mathematics > Geometry

Customer Reviews

From the reviews: "In this monumental work, Marcel Berger manages to survey large parts of present day Riemannian geometry. The book offers a great opportunity to get a first impression of some part of Riemannian geometry, together with hints for further reading." (A.Cap, Monatshefte für Mathematik, Vol. 145 (4), 2005) "Riemannian geometry has become a vast subject, influencing, famously, the development of general relativity and, more recently, the classification of 3-manifolds by hyperbolic structures. Marcel Berger's book is an overview of this enormous subject. Virtually everything is illustrated with clear and useful diagrams. This is the sort of book one could dip into or refer to over a period of years." (Peter Giblin, The Mathematical Gazette, March, 2005) "Marcel Berger's A Panoramic View of Riemannian Geometry is without doubt the most comprehensive, original and idiosyncratic treatise on differential geometry. He manages to include the most up-to-date references on even the most classical topics that he presents, and he puts far greater emphasis on applications.

"the book concludes with a massive and extremely useful bibliography of 1310 items."
 (Robert Osserman, SIAM Review, Vol. 47 (1), 2005) "This book of one of the main contributors to
 Riemannian geometry has as a first goal to give an overview to most of the living topics of the
 subject. A second goal is to show how many intuitive geometric questions lead to
 Riemannian geometry in a natural way. In my opinion it is this way of explaining which
 makes the book highly recommendable to students as well as to experienced geometers.
 Furthermore, this book is clearly an encyclopedia in Riemannian geometry." (F.Manhart,
 Internationale Mathematische Nachrichten, Issue 197, 2004) "This book is really a panorama.
 the reading creates pleasure for the interested reader. the book has intrinsic value
 for a student as well as for an experienced geometer. Additionally, it is really a compendium in
 Riemannian Geometry." (Jürgen Eichhorn, Mathematical Reviews, 2004 h) "Riemannian
 geometry has today become a vast and important subject. This new book of Marcel Berger sets out
 to introduce readers to most of the living topics of the field and convey them quickly to the main
 results known to date. enables the reader to obtain a sweeping panoramic view of almost
 the entirety of the field." (L'ENSEIGNEMENT MATHEMATIQUE, Vol. 49 (3-4), 2003)

Great book!!!

This is one of the greatest mathematics books ever written!! I say that because Marcel Berger has an
 encyclopedic knowledge of Riemannian geometry, and he shares much of that with the world in a
 manner that is so educational. I am studying this subject for the second time, and at this stage I
 wanted to get a broad view of what the subject is about, what is its history, what are important
 examples etc. Berger provides exactly what I wanted, in a very enjoyable style. There are 1,310
 references listed, all of which Berger has read. He has given his life to this subject. Merci, Marcel!
 Bien fait.

This is a beautifully written survey of a wide swath of modern mathematics and mathematical
 physics related to Riemannian geometry. For a non-expert, like me, it allowed me to get a broad
 perspective on the field without having to struggle through so many proofs. The explanations are
 clear and rigorous (two goals which are frequently in conflict). There is a vast bibliography as well. A
 number of problems I was familiar with in other contexts turn out to have unplumbed (by me at least)
 geometrical significance. All in all, a wonderful book.

Excellent exposition of a wide variety of topics in geometry for the non-expert like me. It helped me get a better grasp of a number of differential geometric structures that are used in theoretical physics these days, without having to wade through a bunch of proofs. The list of references is immense, so that the reader can follow up with more detailed, and more rigorous, material for topics of choice. Highly recommended for mathematicians and physicists alike.

This book is a good reference for anyone who wants to know about the development of riemannian geometry. It covers many active topics in modern differential geometry for every graduated students who can choose some interested fields for the thesis.

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

A Panoramic View of Riemannian Geometry Riemannian Geometry Comparison Theorems in Riemannian Geometry (Ams Chelsea Publishing) Riemannian Geometry During the Second Half of the Twentieth Century (University Lecture Series) Riemannian Holonomy Groups and Calibrated Geometry (Oxford Graduate Texts in Mathematics) Riemannian Geometry: A Beginners Guide, Second Edition Eigenvalues in Riemannian Geometry (Pure and Applied Mathematics) First Steps in Differential Geometry: Riemannian, Contact, Symplectic (Undergraduate Texts in Mathematics) An Introduction to Riemannian Geometry: With Applications to Mechanics and Relativity (Universitext) Grand Canyon Panoramic Map (Wilderness in Your Pocket) Blank Panel Comic: Mixed Basic, Staggered & Panoramic, 8.5"x11", 118 Pages The Panoramic Seer: Bringing the Prophetic into the Healing Anointing Moleskine 2017 Panoramic Planner, 12M, Slim, Black, Hard Cover (3.25 x 6) The Encyclopedia of Polymer Clay Techniques: A Comprehensive Directory of Polymer Clay Techniques Covering a Panoramic Range of Exciting Applications Blank Panel Comic Book for Sketching: Mixed Basic, Staggered & Panoramic, 8.5"x11", 118 Pages (Sketchbook) Panoramic Radiology Panoramic Radiology: Seminars on Maxillofacial Imaging and Interpretation Comic Book Sketching: Mixed Basic, Staggered & Panoramic, 8" x 10", 118 Pages (Sketchbook) Hong Kong & Macau Through the Panoramic Eye III Panoramic Map of Warsaw - Illustrowana mapa Warszawy

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)