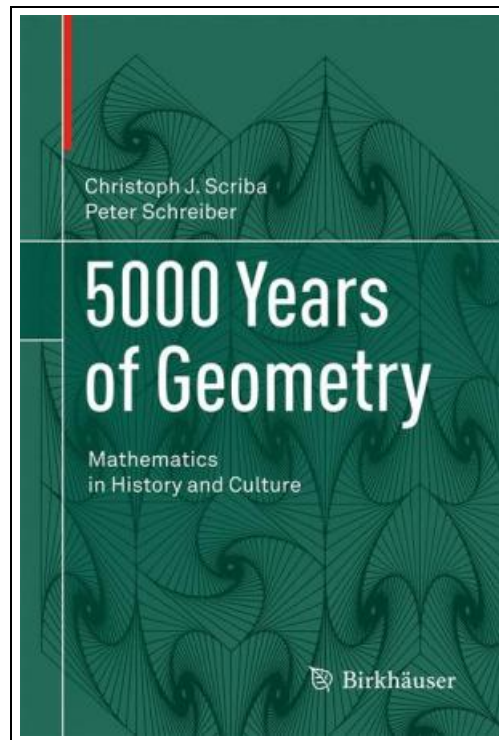


5000 Years of Geometry : Mathematics in History and Culture



Filesize: 8.04 MB

Reviews

Comprehensive guideline for book lovers. It is really simplified but excitement in the fifty percent in the publication. Your daily life period is going to be change as soon as you full looking at this book.
(Kayley Lind)

5000 YEARS OF GEOMETRY : MATHEMATICS IN HISTORY AND CULTURE



To save **5000 Years of Geometry : Mathematics in History and Culture** eBook, remember to click the button listed below and save the file or gain access to additional information which might be have conjunction with 5000 YEARS OF GEOMETRY : MATHEMATICS IN HISTORY AND CULTURE ebook.

Springer Basel AG Mai 2015, 2015. Buch. Condition: Neu. Neuware - The present volume provides a fascinating overview of geometrical ideas and perceptions from the earliest cultures to the mathematical and artistic concepts of the 20th century. It is the English translation of the 3rd edition of the well-received German book '5000 Jahre Geometrie,' in which geometry is presented as a chain of developments in cultural history and their interaction with architecture, the visual arts, philosophy, science and engineering. Geometry originated in the ancient cultures along the Indus and Nile Rivers and in Mesopotamia, experiencing its first 'Golden Age' in Ancient Greece. Inspired by the Greek mathematics, a new germ of geometry blossomed in the Islamic civilizations. Through the Oriental influence on Spain, this knowledge later spread to Western Europe. Here, as part of the medieval Quadrivium, the understanding of geometry was deepened, leading to a revival during the Renaissance. Together with parallel achievements in India, China, Japan and the ancient American cultures, the European approaches formed the ideas and branches of geometry we know in the modern age: coordinate methods, analytical geometry, descriptive and projective geometry in the 17th an 18th centuries, axiom systems, geometry as a theory with multiple structures and geometry in computer sciences in the 19th and 20th centuries. Each chapter of the book starts with a table of key historical and cultural dates and ends with a summary of essential contents of geometr y in the respective era. Compelling examples invite the reader to further explore the problems of geometry in ancient and modern times. The book will appeal to mathematicians interested in Geometry and to all readers with an interest in cultural history. From letters to the authors for the German language edition I hope it gets a translation, as there is no comparable...



[Read 5000 Years of Geometry : Mathematics in History and Culture Online](#)



[Download PDF 5000 Years of Geometry : Mathematics in History and Culture](#)

See Also



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

Follow the web link below to get "Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large" PDF file.

[Read ePub »](#)



[PDF] A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)

Follow the web link below to get "A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)" PDF file.

[Read ePub »](#)



[PDF] Leap into Darkness: Seven Years on the Run in Wartime Europe

Follow the web link below to get "Leap into Darkness: Seven Years on the Run in Wartime Europe" PDF file.

[Read ePub »](#)



[PDF] The Complete Idiots Guide Complete Idiots Guide to Baby Sign Language by Diane Ryan 2006 Paperback

Follow the web link below to get "The Complete Idiots Guide Complete Idiots Guide to Baby Sign Language by Diane Ryan 2006 Paperback" PDF file.

[Read ePub »](#)



[PDF] My Life as an Experiment: One Man s Humble Quest to Improve Himself by Living as a Woman, Becoming George Washington, Telling No Lies, and Other Radical Tests

Follow the web link below to get "My Life as an Experiment: One Man s Humble Quest to Improve Himself by Living as a Woman, Becoming George Washington, Telling No Lies, and Other Radical Tests" PDF file.

[Read ePub »](#)



[PDF] Born Fearless: From Kids' Home to SAS to Pirate Hunter - My Life as a Shadow Warrior

Follow the web link below to get "Born Fearless: From Kids' Home to SAS to Pirate Hunter - My Life as a Shadow Warrior" PDF file.

[Read ePub »](#)