Differential Geometry

By Heinrich W. Guggenheimer

Dover Publications Inc., United States, 1977. Paperback. Book Condition: New. 203 x 142 mm. Language: English . Brand New Book. This is a text of local differential geometry considered as an application of advanced calculus and linear algebra. The discussion is designed for advanced undergraduate or beginning graduate study, and presumes of readers only a fair knowledge of matrix algebra and of advanced calculus of functions of several real variables. The author, who is a Professor of Mathematics at the Polytechnic Institute of New York, begins with a discussion of plane geometry and then treats the local theory of Lie groups and transformation groups, solid differential geometry, and Riemannian geometry, leading to a general theory of connections. The author presents a full development of the Erlangen Program in the foundations of geometry as used by Elie Cartan as a basis of modern differential geometry; the book can serve as an introduction to the methods of E. Cartan. The theory is applied to give a complete development of affine differential geometry in two and three dimensions. Although the text deals only with local problems (except for global problems that can be treated by methods of advanced calculus), the definitions have been...

READ ONLINE
[2.75 MB]

Reviews

This written pdf is great. It is really simplistic but surprises within the 50 percent of the pdf. I realized this pdf from my dad and i advised this pdf to understand.
-- Mr. Milford Jakubowski IV

This written book is great. I am quite late in start reading this one, but better then never. You will not really feel monotony at at any moment of your time (that's what catalogues are for about when you check with me).
-- Abe Reichel DDS

Other eBooks

Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York
Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 213 x 98 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books is carefully levelled to match childrens growing...

Goodnight. Winnie (New York Times Best Books German Youth Literature Prize Choice Award most(Chinese Edition)
Hardcover. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.HardCover. Pub Date: Unknown Pages: 40 Publisher: the Star Press Information Original Price: 32.80 yuan: Germany) of Quinter Bu Huoci forward....

Genuine book Oriental fertile new version of the famous primary school enrollment program: the intellectual development of pre-school Jiang(Chinese Edition)
paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-09-01 Pages: 160 Publisher: the Jiangxi University Press Welcome Salan. service and quality to your satisfaction. please tell...

New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond
Paperback. Book Condition: New. Not Signed; This is Book 2 of CGP's SAT Buster 10-Minute Tests for KS2 Grammar, Punctuation & Spelling - it's a brilliant way to introduce English SATS preparation in bite-sized chunks. Each set of quick tests is packed...

New KS2 English SAT Buster 10-Minute Tests: Grammar, Punctuation & Spelling (2016 SATs & Beyond)
Coordination Group Publications Ltd (CGP). Paperback. Book Condition: new. BRAND NEW, New KS2 English SAT Buster 10-Minute Tests: Grammar, Punctuation & Spelling (2016 SATs & Beyond), CGP Books, CGP Books, This book of SAT Buster 10-Minute tests is a brilliant way to...

Child and Adolescent Development for Educators with Free Making the Grade
Book Condition: Brand New. Book Condition: Brand New.