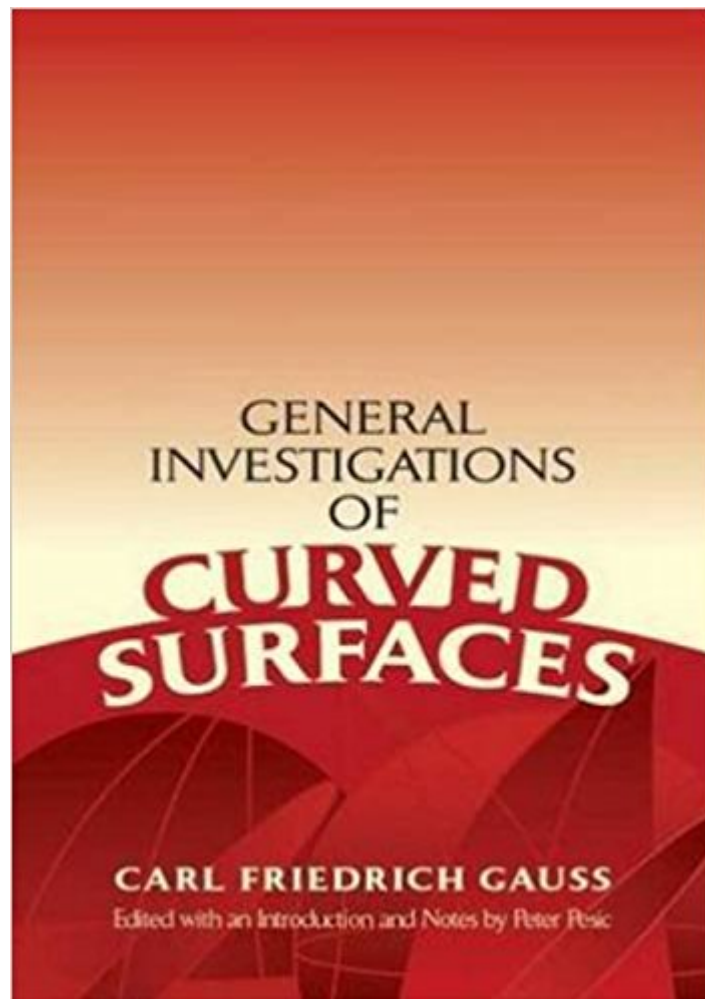


The book was found

General Investigations Of Curved Surfaces: Edited With An Introduction And Notes By Peter Pesic (Dover Books On Mathematics)



Synopsis

Gauss's theory of surfaces is among the purely mathematical achievements inspired by ideas that arose in connection with surveys of the surface of the earth. Long regarded as a masterpiece in content and form, this work features one of the author's most original contributions to mathematics--the discovery that Gauss termed the "Theorema Egregium." It consists of his penetrating definition of the concept of surface curvature and the theorem that the "Gauss curvature" is invariant under arbitrary isometric deformation of a curved surface. The profound effects of these concepts were soon generalized by Bernhard Riemann, and subsequent development included the important role of the Gauss-Riemann concept of curvature in modern relativity theory. This edition of Gauss's classic work features a new introduction, bibliography, and notes by science historian Peter Pesic. In addition, an informative appendix offers historical background.

Book Information

Series: Dover Books on Mathematics

Paperback: 144 pages

Publisher: Dover Publications (October 24, 2005)

Language: English

ISBN-10: 048644645X

ISBN-13: 978-0486446455

Product Dimensions: 6.4 x 0.3 x 9.2 inches

Shipping Weight: 7 ounces (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars Â Â See all reviews Â (1 customer review)

Best Sellers Rank: #1,444,395 in Books (See Top 100 in Books) #201 in Â Books > Science & Math > Mathematics > Geometry & Topology > Differential Geometry #328032 in Â Books > Reference

Customer Reviews

Though slim, the contents of this book are among the densest that one can find in mathematics. The introduction is interesting and helpful. I would say that three semesters of college calculus are almost a requirement for this book.

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

General Investigations of Curved Surfaces: Edited with an Introduction and Notes by Peter Pesic

(Dover Books on Mathematics) Differential Geometry of Curves and Surfaces: Revised and Updated Second Edition (Dover Books on Mathematics) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Ace General Chemistry I: The EASY Guide to Ace General Chemistry I: (General Chemistry Study Guide, General Chemistry Review) The Visual Guide to Extra Dimensions: Visualizing The Fourth Dimension, Higher-Dimensional Polytopes, And Curved Hypersurfaces Review for the CLEP General Mathematics (Review for the Clep General Mathematics Examination) Peter Pan and Other Plays: The Admirable Crichton; Peter Pan; When Wendy Grew Up; What Every Woman Knows; Mary Rose (Oxford Drama Library) By Dr. Peter J. D'Adamo Cancer: Fight It with the Blood Type Diet (Dr. Peter J. D'Adamo's Eat Right 4 Your Type Health Libra (1st Frist Edition) [Hardcover] Murder Must Advertise: A Lord Peter Wimsey Mystery (Lord Peter Wimsey Mysteries (Audio)) Windows 10: The Ultimate User Guide for Advanced Users to Operate Microsoft Windows 10 (tips and tricks, user manual, user guide, updated and edited, Windows ...

(windows,guide,general.guide,all Book 4) Windows 10: The Ultimate Beginner's Guide How to Operate Microsoft Windows 10 (tips and tricks, user manual, user guide, updated and edited, Windows ... (windows,guide,general,guide,all) (Volume 3) Clinical Anesthesia Procedures of the Massachusetts General Hospital: Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General ... of the Massachusetts General Hospital) Windows 10: From Beginner To Expert: A Complete User Guide to Microsoft's Intelligent New Operating System (Now With Bonus Chapter) (Windows - General ... General Guide, Windows - General Mastery,) Discontinuous Groups and Riemann Surfaces (AM-79): Proceedings of the 1973 Conference at the University of Maryland. (AM-79) (Annals of Mathematics Studies) A Course in Minimal Surfaces (Graduate Studies in Mathematics) Spectral Theory of Infinite-Area Hyperbolic Surfaces (Progress in Mathematics) Riemann Surfaces (Oxford Graduate Texts in Mathematics) Summary | Zero to One: Peter Thiel - Notes on Startups, Or How to Build the Future - A Complete Summary (Zero to One: A Complete Summary - Paperback, Audiobook, Audible, Hardcover, Book, Summary) Jokes For Kids - Joke Books : Funny Books : Kids Books : Books for kids age 9 12 : Best Jokes 2016 (kids books, jokes for kids, books for kids 9-12, ... funny jokes, funny jokes for kids) (Volume 1) Mathematics and the Imagination (Dover Books on Mathematics)

[Dmca](#)