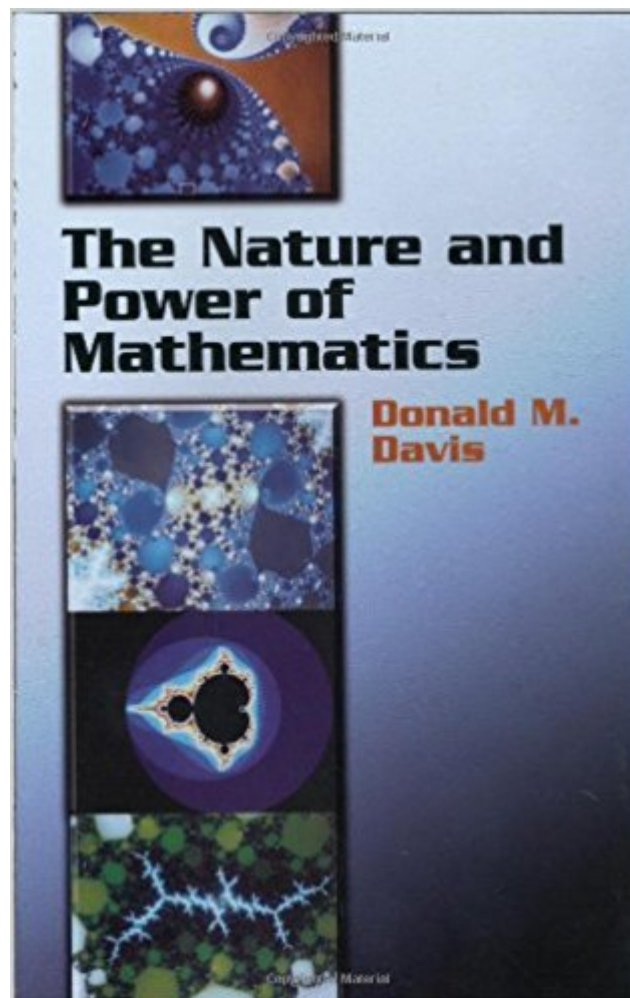




Ebook Directory
the best source of ebook

The book was found

The Nature And Power Of Mathematics (Dover Books On Mathematics)



Synopsis

This captivating book explains some of mathematics' most fascinating ideas to nonspecialists. It explores items of philosophical and historical interest, discusses the often-surprising applicability of mathematics, and reveals the subject's intrinsic beauty. Author Donald M. Davis focuses on three main areas: non-Euclidean geometry, a basis for relativity theory; number theory, a major component of cryptography; and fractals, the key elements of computer-generated art. He also discusses related topics, such as the relevance of Greek mathematics to Kepler's laws of planetary motion, and the theoretical work that led to the development of computers. Only a background in basic algebra and geometry is necessary to appreciate this volume, which features exercises that further develop some of its important concepts. Graded according to difficulty, these exercises are designed to improve readers' skills in logic, and to enable them to experience mathematics at increasingly advanced levels. Supplementary materials at the end of each chapter include intriguing examples of the subjects' applications, as well as biographical sketches of Archimedes, Einstein, Newton, and other luminaries of mathematics.

Book Information

Series: Dover Books on Mathematics

Paperback: 400 pages

Publisher: Dover Publications (December 23, 2004)

Language: English

ISBN-10: 0486438961

ISBN-13: 978-0486438962

Product Dimensions: 8.5 x 6.6 x 0.8 inches

Shipping Weight: 14.4 ounces

Average Customer Review: 4.1 out of 5 stars 2 customer reviews

Best Sellers Rank: #2,406,579 in Books (See Top 100 in Books) #92 in Books > Science & Math > Mathematics > Geometry & Topology > Non-Euclidean Geometries #270 in Books > Science & Math > Mathematics > Pure Mathematics > Fractals

Customer Reviews

"The author's enthusiasm for the subject is evident; the reader is swept along through a galaxy of ideas and is left with the feeling of having gained a deeper understanding of at least some branches of mathematics. It is written in a straightforward style with no gimmicks."--The Times Higher Education Supplement --This text refers to an out of print or unavailable edition of this title.

On the Kindle Touch a number of the equations and images are cut off on the right hand side. Many appear to be zoomed too large given the size of the screen. I know from personal experience the Kindle format can be a bit limiting for images and equations, but you'd expect a professional publishing firm to take the time to do what they can to account for this (and I know they can do better). This book was not published taking eReaders into account and has probably only been optimized for tablets or iPad size readers (or computers).

I find that books with illustrations simply do not work well in ebook formats. This should be addressed, but so far it hasn't been. I have a paperback version, which is a much better format. As a book, I found it excellent. Understanding the concepts requires work--no surprise--but if anything in high school math made sense to you (I enjoyed geometry but nothing else), and you're curious about math without any real expertise, you will benefit from this book. As is always the case in books that "explain" math, the book will make leaps that will leave the non-math mind bewildered.

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

The Nature and Power of Mathematics (Dover Books on Mathematics) Solar Power: The Ultimate Guide to Solar Power Energy and Lower Bills: (Off Grid Solar Power Systems, Home Solar Power System) (Living Off Grid, Wind And Solar Power Systems) Power Training: For Combat, MMA, Boxing, Wrestling, Martial Arts, and Self-Defense: How to Develop Knockout Punching Power, Kicking Power, Grappling Power, and Ground Fighting Power Power Pivot and Power BI: The Excel User's Guide to DAX, Power Query, Power BI & Power Pivot in Excel 2010-2016 READING ORDER: TAMI HOAG: BOOKS LIST OF THE BITTER SEASON, KOVAC/LISKA BOOKS, HENNESSY BOOKS, QUAID HORSES, DOUCET BOOKS, DEER LAKE BOOKS, ELENA ESTES BOOKS, OAK KNOLL BOOKS BY TAMI HOAG Ecosystem Facts That You Should Know - The Desert and Grasslands Edition - Nature Picture Books | Children's Nature Books Georgia Nature Weekends: 52 Adventures in Nature (Nature Weekend Series) Wonders of the World: Mother Nature at Work: Nature Books for Kids (Children's Mystery & Wonders Books) Dangerous Weather Phenomena To Look Out For! - Nature Books for Kids | Children's Nature Books Off To The Cellar We Go! A Guide to Extreme Weather - Nature Books for Beginners | Children's Nature Books Books For Kids: Natalia and the Pink Ballet Shoes (KIDS FANTASY BOOKS #3) (Kids Books, Children's Books, Kids Stories, Kids Fantasy Books, Kids Mystery ... Series Books For Kids Ages 4-6 6-8, 9-12) Elementary Number Theory: Second Edition (Dover Books on Mathematics) 2nd (second) Edition by Underwood Dudley published by Dover Publications (2008) Mathematics and the

Imagination (Dover Books on Mathematics) Mathematics for Quantum Mechanics: An Introductory Survey of Operators, Eigenvalues, and Linear Vector Spaces (Dover Books on Mathematics) Mathematics and the Physical World (Dover Books on Mathematics) Undecidable Theories: Studies in Logic and the Foundation of Mathematics (Dover Books on Mathematics) One Hundred Problems in Elementary Mathematics (Dover Books on Mathematics) Mathematics for the Nonmathematician (Dover Books on Mathematics) Understanding Infinity: The Mathematics of Infinite Processes (Dover Books on Mathematics) Concepts of Modern Mathematics (Dover Books on Mathematics)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)