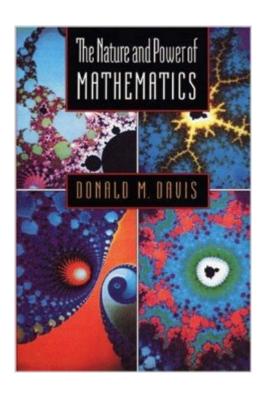
## The book was found

# The Nature And Power Of Mathematics





### **Synopsis**

In this engaging book, Donald Davis explains some of the most fascinating ideas in mathematics to the nonspecialist, highlighting their philosophical and historical interest, their often surprising applicability, and their beauty. The three main topics discussed are non-Euclidean geometry, with its application to the theory of relativity; number theory, with its application to cryptography; and fractals, which are an application in art, among other areas, of early mathematical work on iteration. Other topics include the influence of Greek mathematics on Kepler's laws of planetary motion, and the theoretical work that led to the development of computers. Assuming the reader has some background in basic algebra and geometry, Davis relies on exercises to develop some of the important concepts. These exercises are designed to improve the reader's ability in logic, and enable him or her actually to experience mathematics at increasingly advanced levels.

#### **Book Information**

Paperback: 408 pages

Publisher: Princeton University Press (November 1, 1993)

Language: English

ISBN-10: 0691025622

ISBN-13: 978-0691025629

Product Dimensions: 9.2 x 6.1 x 1 inches

Shipping Weight: 1.3 pounds

Average Customer Review: 4.0 out of 5 stars Â See all reviews (2 customer reviews)

Best Sellers Rank: #929,350 in Books (See Top 100 in Books) #39 in Books > Science & Math >

Mathematics > Geometry & Topology > Non-Euclidean Geometries #109 in Books > Science &

Math > Mathematics > Pure Mathematics > Fractals #823 in Books > Science & Math >

Mathematics > History

#### **Customer Reviews**

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...

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 The Nature and Power of Mathematics FISH: Fun Facts and Incredible Pictures on Animals and Nature: Fish (AGE 7-12) (Children's Books on Animals & Nature, fish,) Nature Conservation in Greenland: Research, Nature and Wildlife Management := Naturbevaring I Granland: Forskning, Naturog Vildtforvaltning := ... (English and Danish Edition) Genetically Engineered Food: Changing the Nature of Nature: What You Need to Know to Protect Yourself, Your Family, and Our Planet It's Just My Nature! A Guide To Knowing and Living Your True Nature Bringing Nature Home: Floral Arrangements Inspired by Nature Wonders of the World: Mother Nature at Work: Nature Books for Kids (Children's Mystery & Wonders Books) IP6: Nature's Revolutionary Cancer Fighter: Nature's Revolutionary Cancer-Fighter Genetically Engineered Food: Changing the Nature of Nature Beyond Ecophobia: Reclaiming the Heart in Nature Education (Nature Literacy Series, Vol. 1) The Nature of Theoretical Thinking in Nursing: Third Edition (Kim, The Nature of Theoretical Thinking in Nursing) Nature Spirits & Elemental Beings: Working with the Intelligence in Nature Weeds of the South (Wormsloe Foundation Nature Book) (Wormsloe Foundation Nature Book Ser.) Symmetry in Chaos: A Search for Pattern in Mathematics, Art, and Nature The Nature of an Ancient Maya City: Resources, Interaction, and Power at Blue Creek, Belize (Caribbean Archaeology and Ethnohistory) Got Sun? Go Solar, Expanded 2nd Edition: Harness Nature's Free Energy to Heat and Power Your Grid-Tied Home REAL POWER: Rise Above Your Nature and Stop Feeling Angry, Anxious, or Insecure (1) On Justice, Power, and Human Nature: Selections from The History of the Peloponnesian War (Hackett Classics) Servant Leadership: A Journey into the Nature of Legitimate Power and Greatness 25th Anniversary Edition

**Dmca**