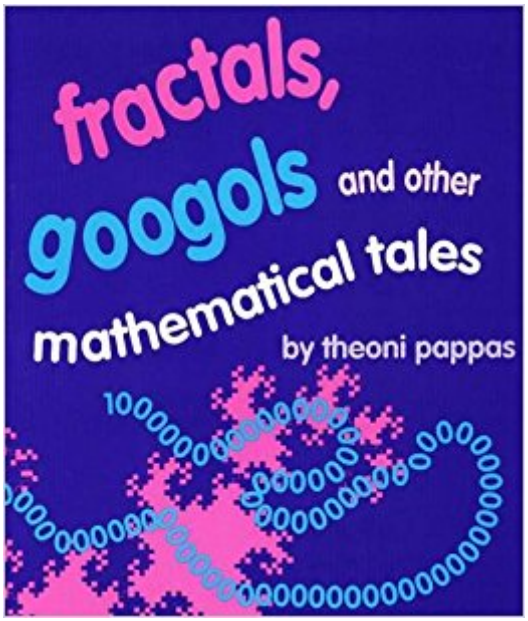
Fractals, Googols, And Other Mathematical Tales



Synopsis

A treasure trove of stories that make mathematical ideas come to life. Explores math concepts and topics such as real numbers, exponents, dimensions, the golden rectangle in both serious and humorous ways. Stories such as the parable of p, the number line that fell apart, Leonhard the magic turtle and many others offer an amusing and entertaining way to explore and share mathematical ideas regardless of age or background. The reference section following each story is designed as enrichment information for the concepts presented in each story.

Book Information

Paperback: 72 pages

Publisher: Wide World Publishing (February 16, 1993)

Language: English

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Product Dimensions: 0.2 x 8.5 x 10 inches

Shipping Weight: 6.4 ounces (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars 19 customer reviews

Best Sellers Rank: #179,692 in Books (See Top 100 in Books) #17 inÂ Books > Science & Math > Mathematics > Pure Mathematics > Fractals #45 inÂ Books > Science & Math > Mathematics > Reference #147 inÂ Books > Science & Math > Mathematics > History

Age Range: 7 and up

Grade Level: 2 and up

Customer Reviews

This book tries to be two things: a guide to interesting areas of mathematics, and a playful children’s book involving a cutesy cat character Penrose. It fails on both counts because it doesn’t tie them together. The cat is just a transparent attempt to grab children’s interest, and this heavy-handed gimmick fails miserably. The math is simply presented, having nothing to do with a coherent story. The result is ineffective and uninteresting.Contrast this with Malba Tahan’s "The Man who Counted" and "The Number Devil." There is no comparison.I would love to see the concept in "The Man who Counted" taken much further, integrating higher mathematics into a real story. Unfortunately, this isn’t it.

This is a wonderful resource for math lovers! These stories work for reading to children of all ages,

and creating a fresh new take on classic math concepts. A story on the endless loop of a MÃ¶bius strip, a tabby cat and the sounds of rustling papers, will give everyone listening a taste for the curiosity of a cat, without the negative ending! The authors also add a brief fact filled bit of history about the subject of the story. Humor and a light touch will have you saying "I did not know that!" You will want to read it all the way through before you put it down. Enjoy!

My eight-year-old loves math. This book is a huge hit in our house.

Wonderful. It is a different way of teaching which is also fun and entertaining.

Fascinating and humorous.

Product is well made and arrived quickly from shipper.

Tough read about fractals.

This is a good book for kids and tell many interesting story about math. I like the book very much.

Mathematical Theory of Waves (Student Mathematical Library, V. 3) A Course in Mathematical Modeling (Mathematical Association of America Textbooks) Lecture Notes on Mathematical Olympiad Courses: For Junior Section Vol 1 (Mathematical Olympiad Series) Simple Mathematical Models of Gene Regulatory Dynamics (Lecture Notes on Mathematical Modelling in the Life Sciences) Mathematical Problems from Combustion Theory (Applied Mathematical Sciences) (v. 83) Tales of the Seal People: Scottish Folk Tales (International Folk Tales) Fractals and Chaos: The Mandelbrot Set and Beyond Adult Coloring Book: Fractals: curves and geometric figures expertly programmed to help reduce stress, sharpen your concentration, and nourish your creativity