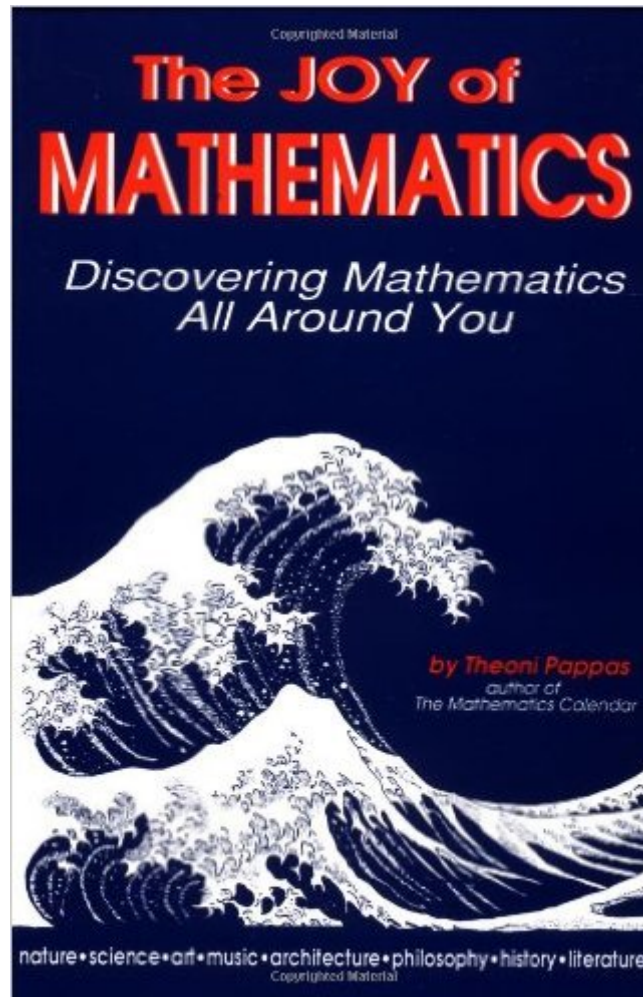


The book was found

The Joy Of Mathematics: Discovering Mathematics All Around You



Synopsis

Part of the joy of mathematics is that it is everywhere—in soap bubbles, electricity, da Vinci's masterpieces, even in an ocean wave. Written by the well-known mathematics teacher consultant, this volume's collection of over 200 clearly illustrated mathematical ideas, concepts, puzzles, and games shows where they turn up in the "real" world. You'll find out what a googol is, visit hotel infinity, read a thorny logic problem that was stumping them back in the 8th century. THE JOY OF MATHEMATICS is designed to be opened at random—it's mini essays are self-contained providing the reader with an enjoyable way to explore and experience mathematics at its best.

Book Information

Paperback: 256 pages

Publisher: Wide World Publishing; 2nd edition (January 23, 1993)

Language: English

ISBN-10: 0933174659

ISBN-13: 978-0933174658

Product Dimensions: 8.4 x 5.5 x 0.6 inches

Shipping Weight: 11.2 ounces (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars — See all reviews (19 customer reviews)

Best Sellers Rank: #223,198 in Books (See Top 100 in Books) #52 in Books > Science & Math > Mathematics > Reference #88 in Books > Humor & Entertainment > Puzzles & Games > Math Games #206 in Books > Science & Math > Mathematics > History

Customer Reviews

This book could have been good if the author had done a careful job of writing the text, and perhaps if the illustrations were original, and above all if the author had understood the material she was writing about. Sadly these are often not the case with this book. Rather, this book gives every sign of being essentially copied from bits of many dozens of other books. All the illustrations appear to be low-quality xerographic copies from other books (clearly used without any permissions). But worst of all, the book is chock full of misstatements, misconceptions, and sentences that don't convey any meaning. This book gives the non-expert reader the impression that he or she is learning something, but a great deal of the time this is just the illusion of learning. I will list a few of the errors and illusory learning that I can readily find: _____ p. 6: The illustration of the cycloid curve should show it to be in a vertical direction where one arch meets another; instead it is at 45 degrees to the vertical. _____ p. 7: It is stated that when marbles are released in a cycloid-shaped container,

they will reach the bottom at the same time. This phenomenon occurs for a bowl whose cross-section is an *inverted* cycloid, but that is omitted. _____p. 13: Both the "impossible tribar" and "Hyzer's optical illusion" are NOT mathematically impossible, contrary to what is written. (They can be constructed in 3 dimensions.) Twistors are mentioned but not defined, even in a rough, metaphoric way -- just not at all. _____p. 18: It is mentioned that pi cannot be the solution of an algebraic equation with integral coefficients, but there is no discussion in the book of what such an equation is. _____p.

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

The Joy of Mathematics: Discovering Mathematics All Around You More Joy of Mathematics: Exploring Mathematics All Around You Discovering Wine: A Refreshingly Unfussy Beginner's Guide to Finding, Tasting, Judging, Storing, Serving, Cellaring, and, Most of All, Discovering Wine Everyday Calculus: Discovering the Hidden Math All Around Us The Imperfect Pastor: Discovering Joy in Our Limitations through a Daily Apprenticeship with Jesus The Joy of less Volume 1: Discovering Your Inner Minimalist Discovering Your Soul Signature: A 33-Day Path to Purpose, Passion & Joy The Broken and the Whole: Discovering Joy after Heartbreak From Junk Food to Joy Food: All the Foods You Love to Eat...Only Better A roulette system that will not make you rich, but will show you the way to win all you need for a living: If you see a table full of people and then suddenly ... empty, just with one person, that is me.. The Joy of Pickling, 3rd Edition: 300 Flavor-Packed Recipes for All Kinds of Produce from Garden or Market The Joy of Leaving Your Sh*t All Over the Place: The Art of Being Messy All Joy and No Fun: The Paradox of Modern Parenthood The Joy of Sets: Fundamentals of Contemporary Set Theory (Undergraduate Texts in Mathematics) Care Bears: Love Is All Around (Care Bears (Running Press)) The Joy of Swift: How to program iOS applications using Apple Swift even if you've never programmed before The Inspired Caregiver - Finding Joy While Caring for Those You Love Let's Laugh: Discovering How Laughter Will Make You Healthy Celebrating Jesus in the Biblical Feasts: Discovering Their Significance to You as a Christian All Creatures Great and Small, All Things Bright and Beautiful, and All Things Wise and Wonderful: Three James Herriot Classics

[Dmca](#)