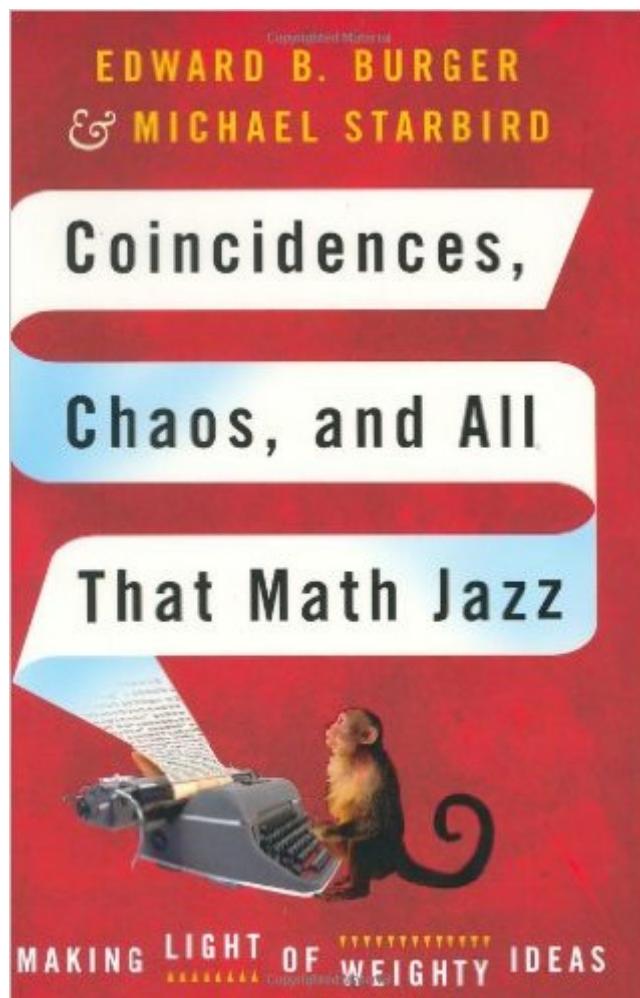


The book was found

Coincidences, Chaos, And All That Math Jazz: Making Light Of Weighty Ideas



Synopsis

By starting in the familiar world and using a few simple steps of imagination, Edward B. Burger and Michael Starbird sneak up on weighty mathematical ideas. The spirals on a pineapple quickly lead to the famous Fibonacci numbers and the alluring Golden Ratio, and from there to aesthetic forms in nature, art and music. The edge of a twisted strip of paper leads to an image of the shape of the universe. Playing with the notion of probability shows that surprising coincidences such as the amazing parallels between the Lincoln and Kennedy assassinations are sure to happen. These and other foreign and familiar mysteries are all explained with great humour and clarity in this irreverent, entertaining and readable book.

Book Information

Hardcover: 288 pages

Publisher: W. W. Norton & Company (August 2005)

Language: English

ISBN-10: 0393059456

ISBN-13: 978-0393059458

Product Dimensions: 9.5 x 6.6 x 1 inches

Shipping Weight: 1.2 pounds

Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (28 customer reviews)

Best Sellers Rank: #1,269,608 in Books (See Top 100 in Books) #90 in [Books > Humor & Entertainment > Humor > Science & Scientists](#) #11710 in [Books > Textbooks > Science & Mathematics > Mathematics](#) #22672 in [Books > Science & Math > Mathematics](#)

Customer Reviews

This book is full of very lively and engaging explanations of a wide range of mathematics. The book consists of four parts, each of which is subdivided into three chapters. The first part is on "Understanding Uncertainty" and covers topics related to chaos, coincidences, and statistics. The second part, "Embracing Figures", deals with cryptography and patterns and has an especially nice section on 'sizing up numbers' which deals with orders of magnitude and topics which should be a part of anybody's quantitative literacy. "Exploring Aesthetics" is the subject of the third part, which includes discussions of fractals and chaos and a nice introduction to the coffee cups and doughnuts of topology. They also discuss Möbius Bands and Klein Bottles, which lead nicely into the final section, which is entitled "Transcending Reality", and deals with the fourth dimension and various notions of infinity. That is a large number of topics to cover in 288 pages, and doing a little division

will tell you that many topics are treated extremely briefly. And that would probably be many readers' main criticism of the book: while it certainly gives a sampling platter of a large number of ideas throughout mathematics, it does not give you an entire meal of any of them, and before you are even done chewing one bite, the authors bring you the next topic served on a platter. While I certainly understand, and to some extent agree with, this criticism, I think that many readers will prefer their mathematics served this way, and it certainly will open the door for many of them to explore these ideas further.

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

Coincidences, Chaos, and All That Math Jazz: Making Light of Weighty Ideas Soap Making: 365 Days of Soap Making (Soap Making, Soap Making Books, Soap Making for Beginners, Soap Making Guide, Soap Making Recipes, Soap Making Supplies): Soap Making Recipes for 365 Days Weighty Words, Too Jewelry Making: Jewelry Making Instructions to Easily Create Beautiful Pendants, Bracelets, Earrings, and Necklaces (Jewelry Making Books, jewelry making for dummies, jewelry making tools) Jewelry Making: 33 Tips and Advices For Making Unique Earrings (jewelry making, jewelry making books, jewelry making kits) Own the Wind: A Chaos Novel (The Chaos Series Book 1) Condensed Chaos: An Introduction to Chaos Magic Secret Of Mental Math Arithmetic: 70 Secrets To Super Speed Calculation & Amazing Math Tricks: How to Do Math without a Calculator 2nd Grade Math Flashcards: 240 Flashcards for Building Better Math Skills Based on Sylvan's Proven Techniques for Success (Sylvan Math Flashcards) 3rd Grade Math Flashcards: 240 Flashcards for Improving Math Skills Based on Sylvan's Proven Techniques for Success (Sylvan Math Flashcards) 4th Grade Math Flashcards: 240 Flashcards for Improving Math Skills Based on Sylvan's Proven Techniques for Success (Sylvan Math Flashcards) 1st Grade Math Flashcards: 240 Flashcards for Building Better Math Skills Based on Sylvan's Proven Techniques for Success (Sylvan Math Flashcards) Kindergarten Math Flashcards: 240 Flashcards for Building Better Math Skills Based on Sylvan's Proven Techniques for Success (Sylvan Math Flashcards) Database Design and Relational Theory: Normal Forms and All That Jazz (Theory in Practice) Reading and All That Jazz CHAOS, FRACTALS, AND DYNAMICS: COMPUTER EXPERIMENTS IN MODERN MATHEMATICS (DALE SEYMOUR MATH) The Everything Everyday Math Book: From Tipping to Taxes, All the Real-World, Everyday Math Skills You Need (Everything Series) Standard Catalog of American Light-Duty Trucks: Pickups, Panels, Vans, All Models 1896-2000 (Standard Catalog of American Light-Duty Trucks, 1896-2000) Wine Making: Beginner Wine Making! The Ultimate Guide to Making Delicious Wine at Home (Home Brew, Wine Making, Red Wine, White Wine, Wine Tasting, Cocktails, ... Vodka recipes, Jello Shots Beer Brewing) The Case

of the July 4th Jinx (Milo and Jazz Mysteries)

[Dmca](#)