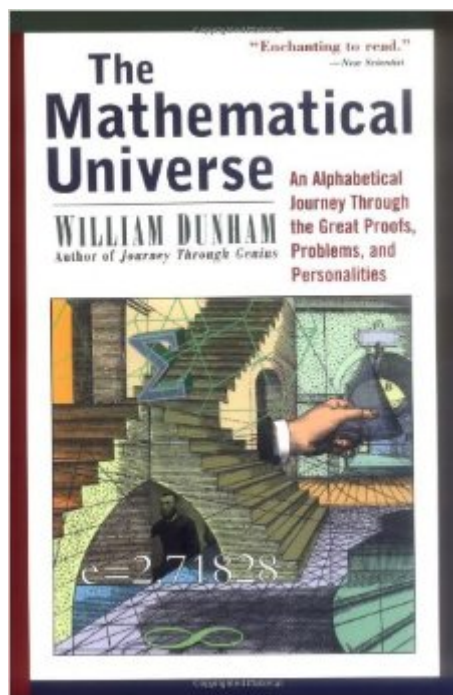


The book was found

The Mathematical Universe: An Alphabetical Journey Through The Great Proofs, Problems, And Personalities



Synopsis

"Dunham writes for nonspecialists, and they will enjoy his piquant anecdotes and amusing asides -- Booklist "Artfully, Dunham conducts a tour of the mathematical universe. . . he believes these ideas to be accessible to the audience he wants to reach, and he writes so that they are." -- Nature "If you want to encourage anyone's interest in math, get them The Mathematical Universe." * New Scientist

Book Information

Paperback: 320 pages

Publisher: Wiley; 1 edition (February 18, 1997)

Language: English

ISBN-10: 0471176613

ISBN-13: 978-0471176619

Product Dimensions: 6.2 x 0.8 x 9.3 inches

Shipping Weight: 13.6 ounces (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars [See all reviews](#) (49 customer reviews)

Best Sellers Rank: #30,510 in Books (See Top 100 in Books) #9 in [Books > Science & Math >](#)

[Mathematics > Reference](#) #26 in [Books > Science & Math > Mathematics > History](#) #77

in [Books > Politics & Social Sciences > Politics & Government > Specific Topics > Intelligence & Espionage](#)

Customer Reviews

I really enjoy this book, and I keep consulting it. But I really don't know whether what I'm learning from it is correct or not. Here's the problem: The two entries with which I have the most familiarity are just plain wrong. The entry on the "Russell Paradox" reads like a hagiography of Bertrand Russell. It makes it appear that Russell ceased working on the Principia Mathematica because he could not find a solution to his paradox--whether a set, all of whose members are not members of themselves, contains itself. According to Dunham, his inability to find a satisfactory solution spelled the end of his quest for the development of a logical foundation for mathematics, which he communicated to Frege, who gave up on his attempts as well. This is pure fiction. The entire Principia Mathematica is based on Russell's theory of ramified types (the stipulation that a set cannot be a member of itself), which he confidently asserted as being the solution to the paradox throughout the work. What put an end to Russell and Whitehead's project, as well as Frege's, was Goedel's incompleteness theorem, totally ignored by Dunham. Dunham's treatment of Venn

diagrams is even worse because it is deprecating of John Venn and his work--and totally wrong. Dunham states that the diagrams that are named after him were Venn's only contribution to mathematics and then makes disparaging remarks about them, particularly that they lacked any originality. Here's the reality: John Venn was an extremely competent mathematician/logician whose many contributions included the furtherance of George Boole's innovations.

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

The Mathematical Universe: An Alphabetical Journey Through the Great Proofs, Problems, and Personalities
Beckett Racing Price Guide and Alphabetical Checklist (Beckett Racing Collectibles and Die-Cast Price Guide, 7)
Introduction to Mathematical Structures and Proofs (Undergraduate Texts in Mathematics)
Proofs that Really Count: The Art of Combinatorial Proof (Dolciani Mathematical Expositions)
Problems and Proofs in Real Analysis: Theory of Measure and Integration
The Definitive Book of Handwriting Analysis: The Complete Guide to Interpreting Personalities, Detecting Forgeries, and Revealing Brain Activity Through the Science of Graphology
Journey Through Denmark (Journey Through series)
Windows 10 Troubleshooting: Windows 10 Manuals, Display Problems, Sound Problems, Drivers and Software: Windows 10 Troubleshooting: How to Fix Common Problems ... Tips and Tricks, Optimize Windows 10)
Official Handbook of the Marvel Universe A to Z Volume 2 (Official Handbook to the Marvel Universe a to Z)
How to Cure Erectile Dysfunction: Overcoming Erection Problems through Diet, Exercises, and Natural Remedies (Men's Health, Impotence, Sexual Health, Natural Cures, Sexual Problems, ED)
Totenkopf. Volume 2: The Structure, Development and Personalities of the 3.SS-Panzer-Division
The Elegance of Old Silverplate and Some Personalities
Analog Circuit Design: Art, Science and Personalities (EDN Series for Design Engineers)
Dangerous Personalities: An FBI Profiler Shows You How to Identify and Protect Yourself from Harmful People
Picture It: Homeopathy: A Picture-Based Guide to Homeopathic Remedies and Personalities
Mental Health: Personalities: Personality Disorders, Mental Disorders & Psychotic Disorders (Bipolar, Mood Disorders, Mental Illness, Mental Disorders, Narcissist, Histrionic, Borderline Personality)
Dissociative Identity Disorder - The Basics About Multiple Personalities from a Christian Perspective
I Am WE: My Life with Multiple Personalities
Engaging Multiple Personalities (Volume 1)
10 things your kid will hate you for: A book on parental errors when trying to bring up children with independent personalities

[Dmca](#)