



The Universe in the Rearview Mirror: How Hidden Symmetries Shape Reality

By Goldberg, Dave.

Dutton. 1 Cloth(s), 2013. hard. Book Condition: New. Speeding across space and time, physicist Dave Goldberg shows here that every part of our elegant universe, from the Higgs boson particle to the most massive group of galaxies, is shaped by hidden symmetries. Why is the sky dark at night? Is it possible to build a shrink-ray gun? If there is antimatter, can there be anti-people? Are time and space like a butterfly's wings? And why are past, present, and future our only options? Goldberg examines such wide-eyed questions and finds surprisingly profound implications of symmetrymuch of it predicted by overlooked mathematician Emmy Noether, whose theorem relating conservation laws to symmetries is now regarded to be as important as Einstein's notion of the speed of light. "Mathematical symmetries lie at the heart of the answers, but Goldberg offers math-free guideposts along the way in this witty and accessible read. Tip: Don't skip the copious footnotes, packed with geek humor."Discover"Goldberg has a fine ear for the absurd, and is deft at revealing why things we take for granted, such as the equality of gravitational and inertial mass, are strange and not obvious at all." New Scientist 330.



Reviews

A whole new electronic book with a new point of view. It can be full of knowledge and wisdom Its been written in an exceedingly simple way which is only following i finished reading through this pdf in which really modified me, modify the way in my opinion.

-- Arianna Nikolaus

This ebook is wonderful. I have got go through and so i am certain that i am going to likely to read through once again again later on. You will like the way the article writer compose this ebook.

-- Miss Ariane Mraz

Other Books



Billy's Booger: A Memoir (sorta)

Atheneum. 1 Cloth(s), 2015. hard. Book Condition: New. From what might not sound like the most promising title (at least to grown-ups), William Joyce introduces readers 6 to 8 to his younger self Billy Joyce, a "most challenging student" (his principal's words)...



You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most

Sourcebooks, Inc. Paperback / softback. Book Condition: new. BRAND NEW, You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most, Patricia Hermes, Thirteen-year-old Sarah Morrow doesn't think much of the fact that her mother winced a little...



The Wreck of the Zephyr

Houghton Mifflin. 1 Cloth(s), 1983. hard. Book Condition: New. Between his 1982 Caldecott Medal winner Jumanji and his 1986 Caldecott Medal winner The Polar Express, Chris Van Allsburg gave us this gentle, beautifully rendered story, for ages 4 to 8, of a...



Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)

Barbour Publishing, Inc., 2004. Paperback. Book Condition: New. No Jacket. New paperback book copy of Sarah's New World: The Mayflower Adventure 1620 by Colleen L. Reece. Sisters in Time Series book 1. Christian stories for girls. Sisters in Time Series. Age 8-12,...



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How and Which Niche? Market Analysis: Who Are...



Anna's Fight for Hope: The Great Depression 1931 (Sisters in Time Series 20)

Barbour Publishing, Inc., 2004. Paperback. Book Condition: New. No Jacket. New paperback book copy of Anna's Fight for Hope: The Great Depression 1931 (Sisters in Time Series 20). Publisher recommended for ages 8 to 12 years, Grades 4-8. Uhrichsville OH: Barbour Publishing...