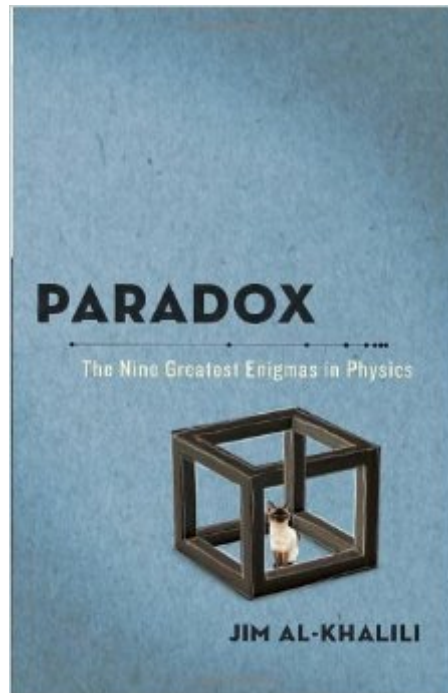


The book was found

Paradox: The Nine Greatest Enigmas In Physics



Synopsis

A fun and fascinating look at great scientific paradoxes. Throughout history, scientists have come up with theories and ideas that just don't seem to make sense. These we call paradoxes. The paradoxes Al-Khalili offers are drawn chiefly from physics and astronomy and represent those that have stumped some of the finest minds. For example, how can a cat be both dead and alive at the same time? Why will Achilles never beat a tortoise in a race, no matter how fast he runs? And how can a person be ten years older than his twin? With elegant explanations that bring the reader inside the mind of those who've developed them, Al-Khalili helps us to see that, in fact, paradoxes can be solved if seen from the right angle. Just as surely as Al-Khalili narrates the enduring fascination of these classic paradoxes, he reveals their underlying logic. In doing so, he brings to life a select group of the most exciting concepts in human knowledge. Paradox is mind-expanding fun.

Book Information

Paperback: 256 pages

Publisher: Broadway Books; Reprint edition (October 23, 2012)

Language: English

ISBN-10: 0307986799

ISBN-13: 978-0307986795

Product Dimensions: 5.2 x 0.7 x 8 inches

Shipping Weight: 7 ounces (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars See all reviews (82 customer reviews)

Best Sellers Rank: #254,450 in Books (See Top 100 in Books) #102 in Books > Humor & Entertainment > Puzzles & Games > Math Games #243 in Books > Humor & Entertainment > Puzzles & Games > Logic & Brain Teasers #2917 in Books > Science & Math > Physics

Customer Reviews

I enjoyed this book and found that it helped to clarify the paradoxes discussed in this book (see below). In doing so, it also provided a good overview of many of the conundrums that relativity theory and quantum mechanics have created. I give this book 5-stars and recommend it to people, like myself (a retired research metallurgist with a long ago exposure to modern physics in graduate school and further reading since I have retired), which have some understanding of the ideas presented in this book, but with the reservation that those with little or no background in the subjects covered are likely to view the book less positively. What is in this book-This book discusses the most

important paradoxes created by modern physics, plus two introductory chapters that discuss some logic paradoxes. The chapters and their content are as follows: Chapter 1 – “ The Game Show Paradox – Monty Hall and how his knowledge of what is behind the three curtains alters the odds when he lets a contestant switch from their initial choice to another one. Chapter 2 – “ Achilles and the Tortoise – Classical paradoxes and how they are resolved. Chapter 3 – “ Olbers’s Paradox – “ Why is the sky not covered with stars, making the nighttime as bright as the daytime? The physics here is about the finite nature of the visible universe and the ideas concerning the beginning and expansion of the universe. Chapter 4 – “ Maxwell’s Demon – “ The physics of the second law of thermodynamics is discussed in this chapter. Chapter 5 – “ The Pole in the Barn Paradox - Special relativity and length contraction are discussed in this chapter. Chapter 6 – “ The Paradox of Twins – “ This chapter focuses on special relativity and time dilation.

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

Paradox: The Nine Greatest Enigmas in Physics Bueno para comer / Good to Eat: Enigmas de alimentacion y cultura / Enigmas of Food and Culture (Spanish Edition) Midnight Mysteries: Nine Cozy Tales by Nine Bestselling Authors The Alchemy of Nine Dimensions: The 2011/2012 Prophecies and Nine Dimensions of Consciousness Norse Mythology: The Norse Gods And The Nine Worlds (Norse Mythology, Nine Worlds, Norse Gods) The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Peron and the Enigmas of Argentina Enigmas de la historia argentina (Spanish Edition) El universo de las matematicas. Un recorrido alfabetico por los grandes teoremas, enigmas y controversias (CIENCIA HOY) (Spanish Edition) 100 Acertijos de Lógica Interactivos: Los Mejores Acertijos de Lógica con Pistas para Estimular y Entretener su Mente (Acertijos, Enigmas y Rompecabezas, ... Puzzles y juegos) (Spanish Edition) La sangre de los libros: Enigmas y libros de la literatura universal (Spanish Edition) El código de la Biblia, los enigmas de las Sagradas Escrituras. (Spanish Edition) Aztec Warriors (Torque Books: History’s Greatest Warriors) (Torque: History’s Greatest Warriors (Library)) The Greatest Movies You’ll Never See: Unseen Masterpieces by the World’s Greatest Directors The Mafia’s Greatest Hits Three Volume Boxed Set (The Mafia’s Greatest Hits Book 4) Johann Strauss - His Greatest Piano Solos (His Greatest (Ashley)) The Software Paradox: The Rise and Fall of the Commercial Software Market Success through Failure: The Paradox of Design The Thyroid Paradox: How to Get the Best Care for Hypothyroidism The Artificial River: The Erie Canal and the Paradox of Progress, 1817-1862

[Dmca](#)