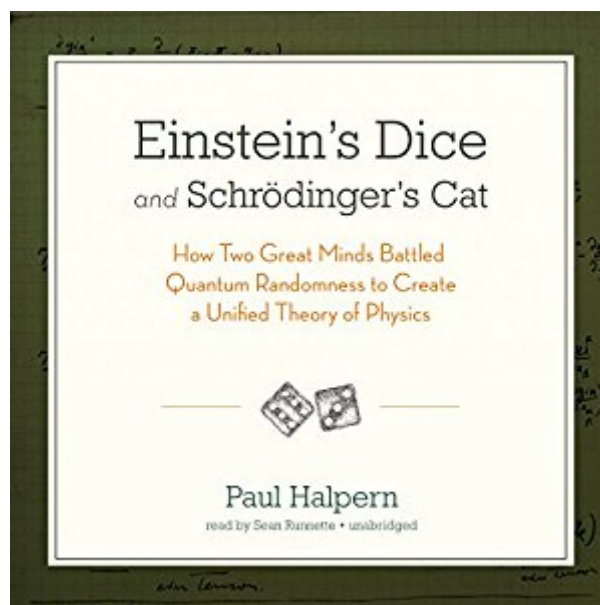




The book was found

Einstein's Dice And Schrödinger's Cat: How Two Great Minds Battled Quantum Randomness To Create A Unified Theory Of Physics



Synopsis

Albert Einstein and Erwin Schrödinger were friends and comrades-in-arms against what they considered the most preposterous aspects of quantum physics: its indeterminacy. Einstein famously quipped that God does not play dice with the universe, and Schrödinger is equally well known for his thought experiment about the cat in the box who ends up "spread out" in a probabilistic state, neither wholly alive nor wholly dead. Both of these famous images arose from these two men's dissatisfaction with quantum weirdness and with their assertion that underneath it all, there must be some essentially deterministic world. Even though it was Einstein's own theories that made quantum mechanics possible, both he and Schrödinger could not bear the idea that the universe was, at its most fundamental level, random. As the Second World War raged, both men struggled to produce a theory that would describe in full the universe's ultimate design, first as collaborators, then as competitors. They both ultimately failed in their search for a grand unified theory - not only because quantum mechanics is true but because Einstein and Schrödinger were also missing a key component: of the four forces we recognize today (gravity, electromagnetism, the weak force, and the strong force), only gravity and electromagnetism were known at the time. Despite their failures, much of modern physics remains focused on the search for a grand unified theory. As Halpern explains, the recent discovery of the Higgs boson makes the standard model - the closest thing we have to a unified theory - nearly complete. And while Einstein and Schrödinger tried and failed to explain everything in the cosmos through pure geometry, the development of string theory has, in its own quantum way, brought this idea back into vogue. As in so many things, even when he was wrong, Einstein couldn't help but be right.

Book Information

Audible Audio Edition

Listening Length: 10 hours and 18 minutes

Program Type: Audiobook

Version: Unabridged

Publisher: Blackstone Audio, Inc.

Audible.com Release Date: April 14, 2015

Whispersync for Voice: Ready

Language: English

ASIN: B00VAVUTAY

Best Sellers Rank: #38 in Books > Audible Audiobooks > Science > Physics #112 in Books >

Customer Reviews

Awesome account of Einstein and Schrodinger's relationship and personal lives. Gives a light treatment of the physics they were pursuing, but this isn't a technical book. Dr. Halpern is an engaging and thorough author, and I am delighted to read his work.

Very readable. The book provides real insight into the character of Einstein and Schrodinger as well as a layman's history of the evolution of quantum mechanics and cosmology in the 20th century. The discussion of the impact of Baruch Spinoza, and other philosophers, on both physicists has led me to start reading about Spinoza and his thoughts.

This is an outstanding book. Halpern blends the professional and personal lives very well. I recommend it! People not versed in all of the math and science can still get a lot of insight from this book.

Quantum mechanics is all the rage these days. It also happens to explain the universe, along with general relativity. Hard to reconcile them though. This book makes a valiant effort. Well written even for us non-particle physicists. You will learn a lot.

One might think that humanizing general relativity and quantum theory would be impossible, but the author has done it.

Excellent; a lot of interesting information regarding the personal interactions of these great scientists.

Brilliant!

It is a great book very easy to follow and understand for a non physicist like me.

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

Einstein's Dice and Schrödinger's Cat: How Two Great Minds Battled Quantum Randomness to Create a Unified Theory of Physics
Cats: Cat Breeding for beginners - Cat Breeding 101 - Cat Breeds and Types, Cat Breeding, Training, Whelping (Cat people Books -

Cat Breeds - Cat Lovers Books) CAT CARE: BEGINNERS GUIDE TO KITTEN CARE AND TRAINING TIPS (Cat care, cat care books, cat care manual, cat care products, cat care kit, cat care supplies) Advanced Molecular Quantum Mechanics: An Introduction to Relativistic Quantum Mechanics and the Quantum Theory of Radiation (Studies in Chemical Physics) Einstein Already had it, But He Did not See it: Part 0: The Discarded Term from the Einstein-Hilbert-Action (Einstein had it Book 1) The Complete Cat Care Guide For the New Cat Owner: Basic Details On Caring for Cats And Kittens Including Information On Cat Breeds, Cat Diet, Cat ... Possible Care and Keep Him Happy And Healthy Pete the Cat Audio CD Pack : Includes 3 Audio CDs : Pete the Cat and His Four Groovy Buttons CD / Pete the Cat: I Love My White Shoes CD / Pete the Cat: Rocking in My School Shoes CD (Pete the Cat Audio CDs) Very Cutest Cat Cutest Kittens Cats Photobook for Kids Cat Memes Baby Kittens Cats Photobook, Cat Sebastian, Cat bybee, Cat) Vol.2 (Photo book) Very Cutest Cat Cutest Kittens Cats Photobook for Kids Cat Memes Baby Kittens Cats Photobook, Cat Sebastian, Cat bybee, Cat) Vol.3 (Photo book 1) Quantum Runes: How to Create Your Perfect Reality Using Quantum Physics and Teutonic Rune Magic (Creating Magick with The Universal Laws of Attraction Book 1) Covariant Loop Quantum Gravity: An Elementary Introduction to Quantum Gravity and Spinfoam Theory (Cambridge Monographs on Mathematical Physics) The Quantum Mechanics Solver: How to Apply Quantum Theory to Modern Physics Frank Einstein and the Electro-Finger (Frank Einstein series #2): Book Two Lie Algebras In Particle Physics: from Isospin To Unified Theories (Frontiers in Physics) Beyond Einstein's Unified Field: Gravity & Electro-Magnetism Redefined Pete the Cat Set (Pete the Cat I Love My White Shoes, Pete the Cat Rocking in My School Shoes, and Pete the Cat and His Four Groovy Buttons) by Eric Litwin (2013) Paperback Einstein's Cosmos: How Albert Einstein's Vision Transformed Our Understanding of Space and Time: Great Discoveries Quantum Electrodynamics: Gribov Lectures on Theoretical Physics (Cambridge Monographs on Particle Physics, Nuclear Physics and Cosmology) Cutest Kittens: 1500+ Picture Cutest Kittens Cats Photobook for Kids Lv.3 (BABY KITTENS Cats Dogs Cute Fluffy Animals For Children ,Cat Memes,cat photobook ... sebastian,cat bybee,Cat School,Cutest Kitt) Who Is That, Cat the Cat? (Cat the Cat Mini)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)