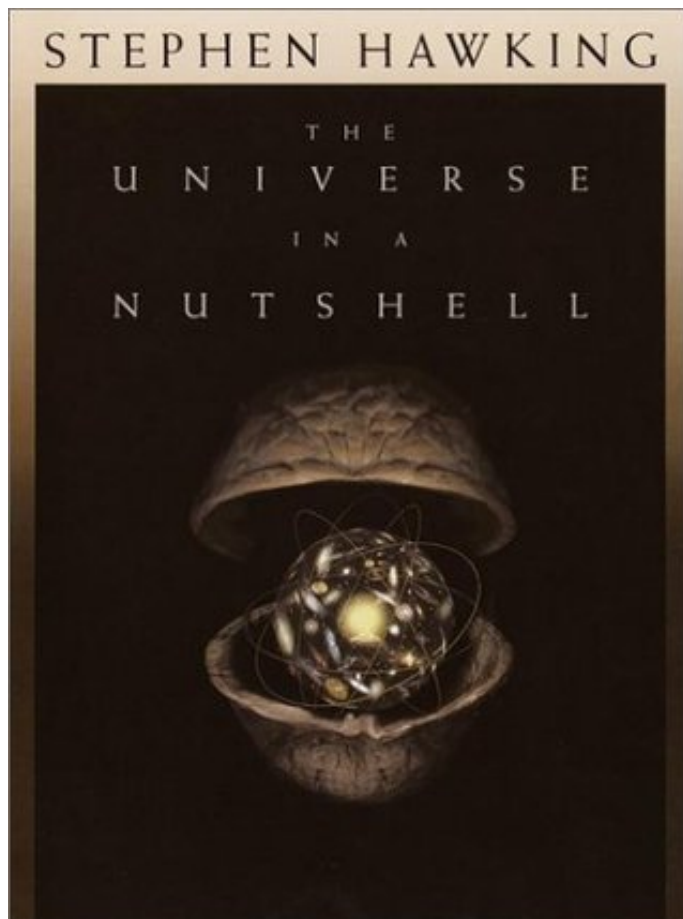

Stephen Hawking

The Universe in a Nutshell



Title: The Universe in a Nutshell

Author: Stephen Hawking

Format: Hardcover

Language: English

Pages: 216

Publisher: , 0

ISBN: 055380202X

Format: PDF / Kindle / ePub

Size: 8.1 MB

Download: allowed

Description

Stephen Hawking's phenomenal, multimillion-copy bestseller, *A Brief History of Time*, introduced the ideas of this brilliant theoretical physicist to readers all over the world. Now, in a major publishing event, Hawking returns with a lavishly illustrated sequel that unravels the mysteries of the major breakthroughs that have occurred in the years since the release of his acclaimed first book.

The Universe in a Nutshell

- Quantum mechanics
- M-theory
- General relativity
- 11-dimensional supergravity
- 10-dimensional membranes
- Superstrings
- P-branes
- Black holes

One of the most influential thinkers of our time, Stephen Hawking is an intellectual icon, known not only for the adventurousness of his ideas but for the clarity and wit with which he expresses them. In this new book Hawking takes us to the cutting edge of theoretical physics, where truth is often stranger than fiction, to explain in laymen's terms the principles that control our universe.

Like many in the community of theoretical physicists, Professor Hawking is seeking to uncover the grail of science -- the elusive Theory of Everything that lies at the heart of the cosmos. In his accessible and often playful style, he guides us on his search to uncover the secrets of the universe -- from supergravity to supersymmetry, from quantum theory to M-theory, from holography to duality.

He takes us to the wild frontiers of science, where superstring theory and p-branes may hold the final clue to the puzzle. And he lets us behind the scenes of one of his most exciting intellectual adventures as he seeks "to combine Einstein's General Theory of Relativity and Richard Feynman's idea of multiple histories into one complete unified theory that will describe everything that happens in the universe."

With characteristic exuberance, Professor Hawking invites us to be fellow travelers on this extraordinary voyage through space-time. Copious four-color illustrations help clarify this journey into a surreal wonderland where particles, sheets, and strings move in eleven dimensions; where black holes evaporate and disappear, taking their secret with them; and where the original cosmic seed from which our own universe sprang was a tiny nut.

The Universe in a Nutshell is essential reading for all of us who want to understand the universe in which we live. Like its companion volume, *A Brief History of Time*, it conveys the excitement felt within the scientific community as the secrets of the cosmos reveal themselves.

Insightful reviews

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Alyssa: Eh. This is an okay book. If you are looking for a book that provides good information about the universe I'd say go ahead and read this book! I personally didn't like this book because I couldn't understand it. I only read the first 100 pages. I wasn't going to make myself suffer through another 100 pages. I just really didn't like it. But, It wasn't the worst book in the world. I can say that Stephen Hawking is one of the smartest man on earth. Maybe I would've liked it if he described and explained the material he was covering easier. All in all this book was okay to read, if you understand the concept of everything.

Viktor Malafey: ????? ????? ?? ????????????? ?????????? ?????????????? ?? "????????? ?????????? ??????????",
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Madelyne Miller: Stephen Hawking's "The Universe in a Nutshell" is remarkably not easy but it taught me a lot. His view at the international and the way "out there" he's in a position to choose his recommendations is basically impeccable. My own favourite a part of this publication was once whilst he elaborated at the inspiration of time travel. he's in a position to placed it into an exact real looking view with genuine medical evidence. humans say his writings is tough to appreciate along with his reputation, yet he worded his rules as easily as he may well facing theoretical physics. I additionally relatively loved the bankruptcy approximately organic and technological advancement. His concept that expertise may well someday be extra complex than the human mind quite made me think. He was once capable of make "Star Trek" appear like achievable for the way forward for humans. He was once not only capable of complicated on Physics, yet he integrated human Biology into his work. Hawking's e-book replaced the way in which i presumed approximately Physics. earlier than I learn "The Universe in a Nutshell", i assumed Physics used to be only a tricky department of science. After examining this book, i spotted that the universe is predicated upon the legislation of Physics. He lived as much as his lovely huge acceptance during this publication for being undeniably intelligent. i'd suggest this ebook to anyone attracted to science, or anyone attracted to interpreting anything new.

Marty Hirst: Now I learn this ebook hide to cover, line-by-line, methodically going again over passages that have been "challenging", line-by-line, acquired to the final page, closed the ebook and acknowledged out loud; "Nope, sorry Steve, you misplaced me there".

Lynn: Yes, i am a dork, and likewise to analyzing grammar books for fun, I additionally learn technological know-how books. i have been instructed that Stephen Hawking isn't as advanced

to learn as one may well assume. whereas I did examine much from this book, I additionally was once left with much more questions. Furthermore, the illustrations have been both complicated or completely unnecessary.

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