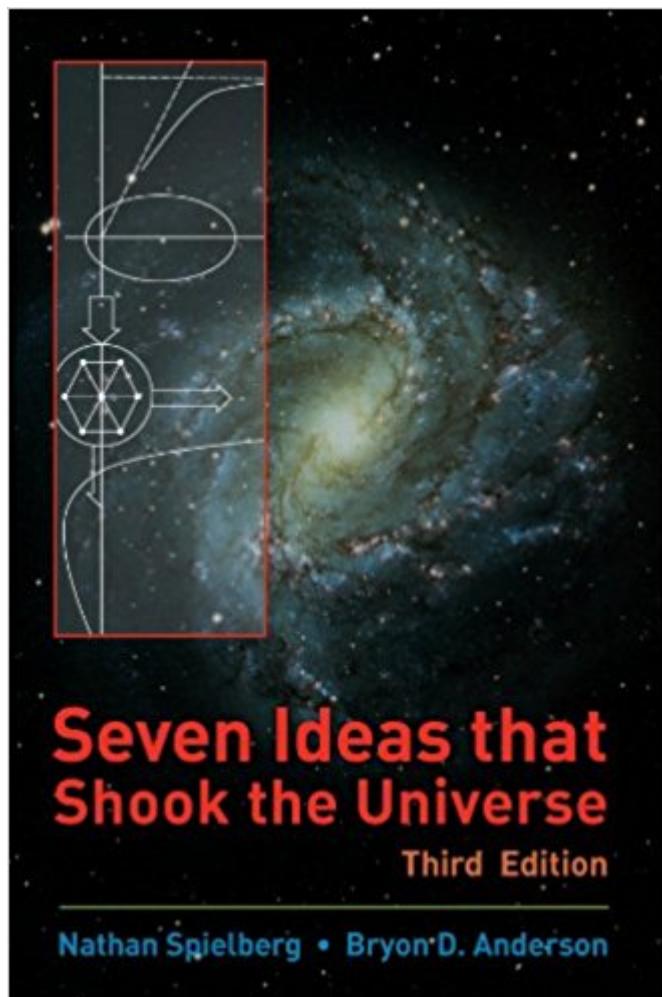


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Seven Ideas That Shook The Universe



Synopsis

Is there an objective world, or is everything relative? Do matter, time and space change, or do they remain constant everywhere in the universe? Is there always a relationship between cause and effect, or do some things "just happen?" Many of our basic ideas about the world have been shaped by science— but seldom are such discoveries accepted easily or willingly. Here are seven of the most important ideas in physics—ideas that shattered the assumptions of dogmatists, philosophers and scientists—explained simply and elegantly. And you don't need a background in mathematics or science to enjoy this fascinating book. Seven Ideas That Shook the Universe explores the history of seven important themes in physics: Copernican astronomy, Newtonian mechanics, energy and entropy, relativity, quantum theory, and conservation principles and symmetries. Together these discoveries form the foundation of our understanding of the physical world. Nathan Spielberg and Bryon Anderson explain each concept in a simple, straightforward narrative style, considering each in the context of its times and assessing its impact on the way we think about time, space, matter, even existence itself. For the science lover and the intellectually curious, Seven Ideas That Shook the Universe brings the drama of scientific discovery to vivid life.

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Customer Reviews

This is a good book to introduce the layman to the world of physics. I needed it for a class and the pricing was great.

great book! informative and easy to understand. Served my purpose and the cost was minimal as opposed to the full price purchase which was in additional was very convenient to have it delivered to my door. Thank you !

Very interesting book, I had to buy it for a class. But it also makes for a great coffee table item to make you look smarter.

The book is a history of physics. It isn't a particularly interesting one. And it will put you to sleep if you read it late at night or on a warm afternoon in bed. But the book does bring the historical characters and their thought processes' to life.

Great physics text, very comprehensive subject matter.

Bought as a textbook for an intro physics class. It is hard for me to understand physics but this book made it very clear. The material was easy to read if you take your time.

Book came as described, when promised.

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