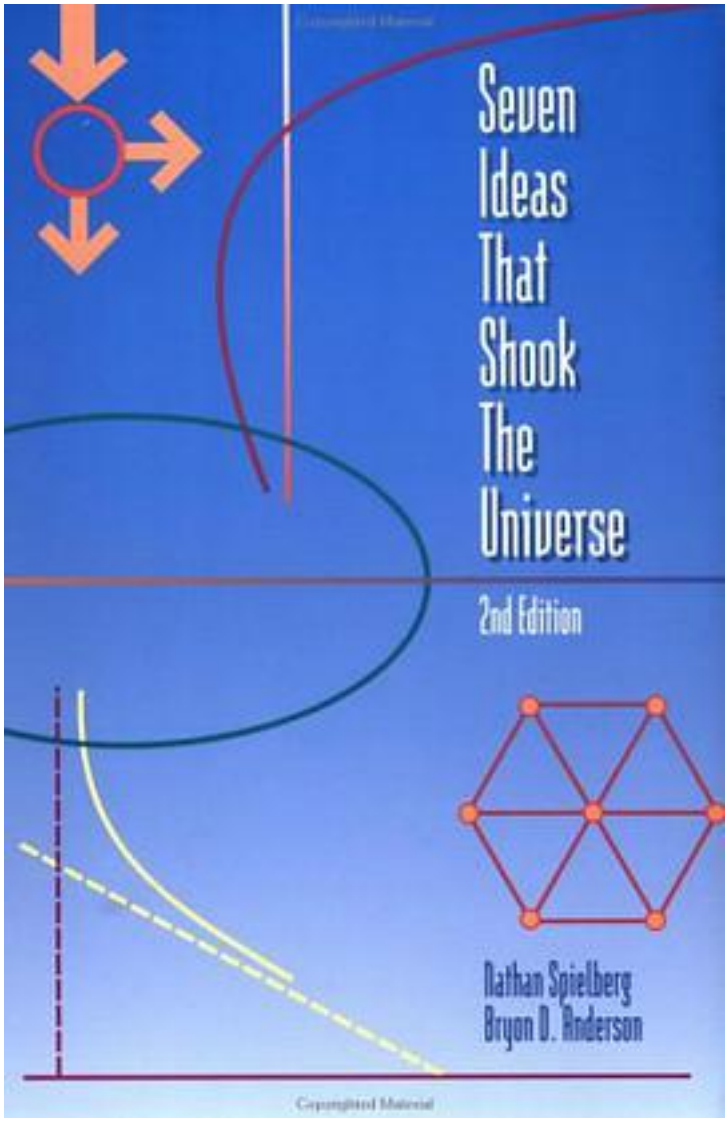
Seven Ideas that Shook the Universe, 2nd Edition



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Before Einstein Began His Career As A Pop Icon, He Dabbled A Bit In The Inner Workings Of The Universe. Albert Einstein has had a pretty good career since his death. Just look around in the 1990s you'll find him selling PCs, guest-starring on Star Trek: The Next Generation, and popping up in uncounted New Yorker cartoons. Although it is gratifying that Einstein is a household word today, many people have an unclear understanding of what he actually did. The same is true for Galileo, Newton, and many others. What these scientific luminaries did is no less than totally restructure the basic assumptions and understandings of philosophers, scientists, educators, and religious leaders of their day! Now, you can discover seven scientific revolutions that shook the very foundation of human understanding of the physical world! This fascinating book explores seven of the most important themes in physics: The Earth is not the center of the universe (Copernican astronomy)The universe is a mechanism run by rules (Newtonian mechanics and causality)Energy is what makes it go (the concept of energy)Entropy tells it where to go (entropy and probability)The facts are relative but the law is absolute (relativity)You cant predict or know everything (quantum theory and the end of causality)Fundamentally, things never change (conservation principles and symmetry)The authors put each of these ideas into its historical and philosophical context, and explains how it came about. They present historical facts and connections to literature and philosophy, and assess each ideas impact on the way we think about time, space, and matter. Whether you're a science devotee, a lover of ideas, or just plain curious, Seven Ideas that Shook the Universe will immerse you in the inside story of scientific discovery and development, and help you understand the fundamental ideas of physics that shape the modern view of our physical universe!

作者介绍:

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