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### Book

Title

**Six roads from Newton : great discoveries in physics**

Author(s)

[Speyer, Edward](#)

Publication

New York : Wiley, 1994. - xi, 196 p.

Series

[\(Wiley popular science\)](#)

Subject code

[53\(09\)](#)

Subject category

Physics in General

Abstract

Why is time relative to the observer? Can an atomic particle exist in two places at once? Is light a wave, a particle, or both? Six Roads from Newton is a lively tour through six monumental developments in physics since Newton: wave theory, field theory, statistical physics, special relativity, quantum theory, and general relativity. Together these crucial discoveries formed the basis of the modern revolution in physics, shattering Newton's view of the universe, and leading the way to the mind-boggling and fascinating questions at the cutting edge of physics today. With real-world examples that bring physics vividly to life, Edward Speyer explains each theoretical development, introducing the leading figures, their famous experiments, and a number of delightfully perplexing problems that have challenged physicists along the way--from the Paradox of the Three Polarizers to Maxwell's Demon and the infamous case of Schrodinger's Cat.

ISBN

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