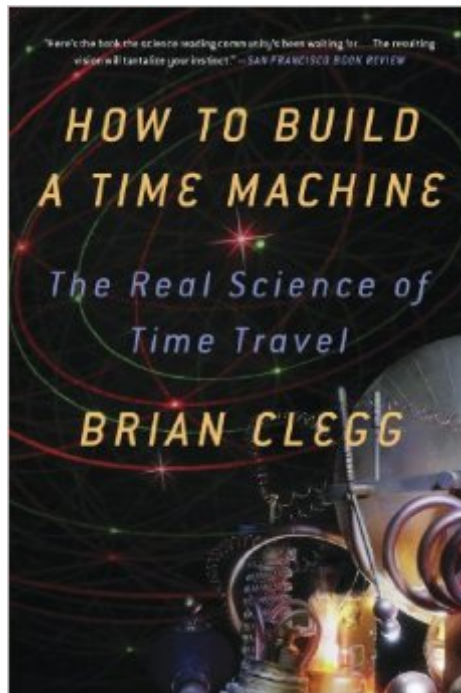


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How To Build A Time Machine: The Real Science Of Time Travel



Synopsis

A pop science look at time travel technology, from Einstein to Ronald Mallett to present day experiments. Forget fiction: time travel is real. In *How to Build a Time Machine*, Brian Clegg provides an understanding of what time is and how it can be manipulated. He explores the fascinating world of physics and the remarkable possibilities of real time travel that emerge from quantum entanglement, superluminal speeds, neutron star cylinders and wormholes in space. With the fascinating paradoxes of time travel echoing in our minds will we realize that travel into the future might never be possible? Or will we realize there is no limit on what can be achieved, and take on this ultimate challenge? Only time will tell.

Book Information

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Customer Reviews

Being an old sci-fi buff going back to the 1960s, plus having a rudimentary education in physics, I've read tons of books about time travel. Everything from Isaac Asimov and George Gamow in the 60's to Michio Kaku and Stephen Hawking in the 2000s. Time travel has become as much a staple of speculation as space aliens. The question is whether Brian Clegg's *HOW TO BUILD A TIME MACHINE* adds anything to the discussion, or is it just a smarmy rehash of time-worn (no pun

intended) theories. The answer is, "Yes, it does indeed significantly add to the discussion of time travel theory." Despite a lifetime of reading about relativity and quantum mechanics I gleaned some interesting insights that made this book well worth the read:1. Clegg explains how the discussion about the nature of time has a long history, starting with Plato, then going through St. Augustine and Galileo, and then on down to contemporary physicists. Most of the ideas that modern physicists argue about, such as whether time is a dimension or merely a measure of change, whether the past is immutable, or whether human beings have free will so as to affect unfolding events, have been debated for centuries from the scientific, philosophical, and theological angles.2. He then opens a most entertaining window into the personalities who gave such great drama to the "golden age of physics" encompassing Einstein's Theory of Relativity and Niels Bohr's discoveries of Quantum Mechanics. Einstein was a physicist who craved order. He thought that in his Theory of Relativity he had found the beautifully designed blueprint of the universe.

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