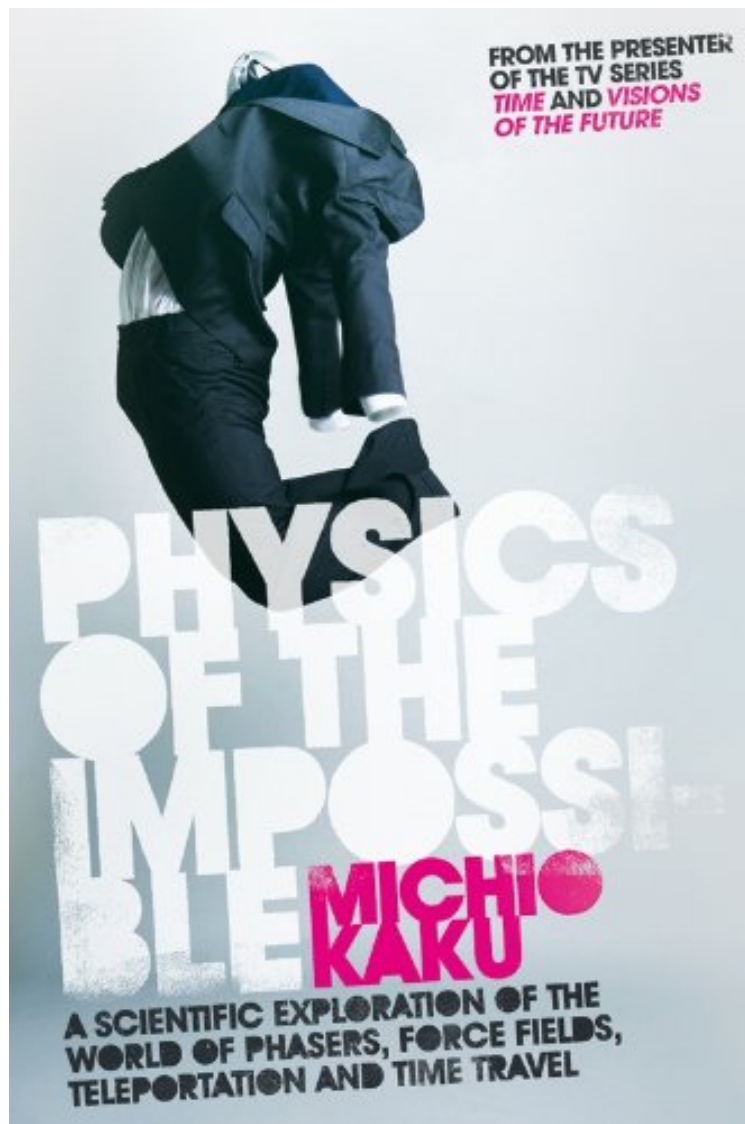


(Free) Physics of the Impossible: A Scientific Exploration of the World of Phasers, Force Fields, Teleportation and Time Travel

Physics of the Impossible: A Scientific Exploration of the World of Phasers, Force Fields, Teleportation and Time Travel

Von Michio Kaku

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Von Michio Kaku : Physics of the Impossible: A Scientific Exploration of the World of Phasers, Force Fields, Teleportation and Time Travel before purchasing it in order to gage whether or not it would be worth my time, and all praised Physics of the Impossible: A Scientific Exploration of the World of Phasers, Force Fields, Teleportation and Time Travel:

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. Super BuchVon KundeNeben der Erklrung zu den einzelnen Techniken und was mglich ist, fasst er noch das meiste der Physik zusammen (natrlich im ganz groben Level). Super erklrt (verglichen mit anderen Physik-Autoren) und gut einleuchtende Beispiele!5 von 5 Kunden fanden die folgende Rezension hilfreich. The Most Fun You Can Have with Physics If You Aren't a Physicist!Von Donald Mitchell"Beloved, do not believe every spirit, but test the spirits, whether they are of God; because many false prophets have gone out into the world." -- 1 John 4:1If books about physics had been this entertaining when I was a child, I'm sure I would have become a theoretical physicist. Professor Michio Kaku begins with ancient beliefs about gods, moves on to science fiction, proceeds through theories proven false, and examines some of the most interesting questions and devices raised by science fiction stories to describe when, if ever, we might see such results. In all but a few cases, he sees hope.Talk about a ray of sunshine . . . this is a profoundly optimistic book that looks realistically at our geometrically increasing rate of learning how to measure and solve problems about the fundamental characteristics of the universe such as matter, energy, time, gravity, and the universe's origins. I loved it!If I had a choice between reading this kind of book and even the best science fiction, I would pick this one. Why? Because it helps point the way toward the important questions and the value of answering them. I miss this in most science writing.Most science writing, by contrast, is either trying to prove too much about current theories or is of little interest to people outside the particular field.Professor Kaku puts various concepts into one of three bins:1. Likely to be accomplished or understood in the next 100 years.2. Likely to be accomplished or understood only after millions of years.3. Apparently impossible, no matter how much we learn.Interestingly, he puts a lot of items in the first category including:Force FieldsInvisibilityEnergy Beam Weapons (Phasers and Death Stars)TeleportationTelepathyPsychokinesisIntelligent RobotsExtraterrestrials and UFOsStarshipsAntimatter and Anti-universesIn those discussions, you'll learn about fascinating experiments where the seemingly "impossible" has already been done and promises the potential for even more remarkable accomplishments in the future.More challenging problems await us for learning to travel faster than light, traveling through time, and exploring parallel universes.Perpetual motion machines and precognition (which most people believe in) are ruled out.As I read the book, I was fascinated to realize how much different it would have read if written 50, 40, 30, 20, or even 10 years ago. It made me wonder how such a book will read in 10, 20, 30, 40, and 50 years in the future.Imagine a more limitless future!3 von 3 Kunden fanden die folgende Rezension hilfreich. Ich wre gerne MethusalemVon Trebor RatsDann knnte ich nmlich noch ein paar Jahrhunderte in der Gegend sein um zu erfahren wie sich diese Techniken entwickeln.Ich kenne Michio Kaku bis jetzt nur aus div. Dokus und habe seine Ausfhrungen immer hoch interessant und anspruchsvoll gefunden. Dieses Buch topt diese Erfahrung nochmals.Ein tolles Buch, dass Lust macht in die Zukunft zu sehen, was ja leider vllig unmglich ist, wie man lesen muss.

KurzbeschreibungPhysics of the Impossible takes us on a journey to the frontiers of science and beyond, giving us an exhilarating insight into what we can really hope to achieve in the future.Everyday we see that what was once declared 'impossible' by scientists has become part of our everyday lives: fax machines, glass sky-scrapers, gas-powered automobiles and a worldwide communications network. Here internationally bestselling author Micho Kaku confidently hurdles today's frontier of science, revealing the actual possibilities of perpetual motion, force fields, invisibility, ray guns, anti-gravity and anti-matter, teleportation, telepathy, psychokinesis, robots and cyborgs, time travel, zero-point energy, even extraterrestrial life. And he shows how few of these ideas actually violate the laws of physics. Where does the realm of science fiction end? What can we really hope to achieve? 'Anything that is not impossible, is mandatory!' declares Kaku in this lucid, entertaining and enlightening read.From Publishers WeeklyIn this latest effort to popularize the sciences, City University of New York professor and media star Kaku (Hyperspace) ponders topics that many people regard as impossible, ranging from psychokinesis and telepathy to time travel and teleportation. His Class I impossibilities include force fields, telepathy and antiuniverses, which don't violate the known laws of science and may become realities in the next century. Those in Class II await realization farther in the future and include faster-than-light travel and discovery of parallel universes. Kaku discusses only perpetual motion machines and precognition in Class III, things that aren't possible according to our current understanding of science. He explains how what many consider to be flights of fancy are being made tangible by recent scientific discoveries ranging from rudimentary advances in teleportation to the creation of small quantities of antimatter and transmissions faster than the speed of light. Science and science fiction buffs can easily follow Kaku's explanations as he shows that in the wonderful worlds of science, impossible things are happening every day. (Mar. 11) Copyright Reed Business Information, a division of Reed Elsevier Inc. All rights reserved.PressestimmenPRAISE FOR PHYSICS OF THE IMPOSSIBLE"The study of the impossible has opened up entirely new vistas for science, Kaku rightly points out. It is here that the book's strength lies: the impossible is a gateway for discussing what we still do not understand, those gray areas that are surely the most fascinating part of physics.....there is a surprising amount of heavyweight, cutting-edge science woven into the fabric of this book. String theory, dark energy, metamaterials and quantum theory are just a

few topics - PHYSICS OF THE IMPOSSIBLE is, in fact, an easy-to-read physics primer in disguise. Kaku has huge reach as a writer and speaker. Hopefully, his accessible, entertaining, and inspiring book will set the next Einstein on his or her path to glory."-The New Scientist "Michio Kaku's latest book, PHYSICS OF THE IMPOSSIBLE, aims to explain exactly why some visions of the future may eventually be realized while others are likely to remain beyond the bounds of possibility...Science fiction often explores such questions; science falls silent at this point. Mr. Kaku's work helps to fill a void."-The Economist "Kaku encourages us to take seriously ideas that the world's great intellects consider crazy, reminding us that these same powerful minds sometimes wonder whether such way-out theories and models of the universe are crazy enough to be true."-The Seattle Times. "An invigorating experience"-The Christian Science Monitor "A genuine tour de force, skillfully delivering cogent descriptions of everything from subatomic structure to the laws of the universe."-Kirkus (starred review) Science and science fiction buffs can easily follow Kaku's explanations as he shows that in the wonderful worlds of science, impossible things are happening every day. Publishers Weekly "Tour de force of science and imagination."- Library Journal (starred review) "A fascinating exploration of the interface between science and science fiction, extremely well researched, lively, and tremendously entertaining. Fritjof Capra, author of The Tao of Physics and The Science of Leonardo" CRITICAL ACCLAIM FOR PARALLEL WORLDS "A wonderful tour, with an expert guide, of a cosmos whose comprehension forces us to stretch to the very limits of imagination. Brian Greene, author of The Fabric of the Cosmos" A highly readable and exhilarating romp through the frontiers of cosmology. Martin Rees, author of Our Cosmic Habitat and Our Final Century "A roller-coaster ride through the universe and beyond by one of the world's finest science writers. Paul Davies, Australian Centre for Astrobiology, Macquarie University, Sydney, and author of How to Build a Time Machine" CRITICAL ACCLAIM FOR HYPERSPACE "One of the best popular accounts of higher physics. Jim Holt, Wall Street Journal" Among the best of the genre to appear in recent years . . . What a wonderful adventure it is. New York Times Book "Mesmerizing . . . the reader exits dizzy, elated, and looking at the world in a literally revolutionary way. Washington Post Book World