

The Physics Of Star Trek Lingua Inglese

Green Arrow Vol. 9: Old Tricks
 The Physics of Climate Change
 Hollywood's Best Mistakes, Goofs and Flat-Out Destructions of the Basic Laws of the Universe
 Science Fiction Audiences
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 A Journey into Dark Matter, Spacetime, and Dreams Deferred
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 The Physics of Star Trek
 How Star Wars Conquered the Universe
 Watching Doctor Who and Star Trek
 The Metaphysics Of Star Trek
 A Psychoanalytic Perspective
 From Alien Invasions to the End of Time
 Treating the Adult Survivor of Childhood Sexual Abuse
 The Quest for Alternate Realities, from Plato to String Theory (by way of Alice in Wonderland, Einstein, and The Twilight Zone)

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RIVAS LAILA

Green Arrow Vol. 9: Old Tricks Penguin

As Star Trek celebrates its 50th anniversary, the futuristic tools of Kirk, Spock, Scott, and McCoy continue to come to life. This book merges Star Trek scientific lore—how the science of the time informed the implementation of technology in the series—and the science as it is playing out today. Scientists and engineers have made and continue to develop replicators, teletransporters, tractor beams, and vision restoring visors. This book combines the vision of 1966 science fiction with the latest research in physics, biotechnology, and engineering.

The Physics of Climate Change Basic Books

Discusses what people understand about space and time and how science fiction is becoming less fictional as time goes on.

Hollywood's Best Mistakes, Goofs and Flat-Out Destructions of the Basic Laws of the Universe Sourcebooks, Inc.

An exploration of mankind's fascination with worlds beyond our own—by the bestselling author of *The Physics of Star Trek* Lawrence Krauss—an international leader in physics and cosmology—examines our long and ardent romance with parallel universes, veiled dimensions, and regions of being that may extend tantalizingly beyond the limits of our perception. Krauss examines popular culture's current embrace (and frequent misunderstanding) of such topics as black holes, life in other dimensions, strings, and some of the more extraordinary new theories that propose the existence of vast extra dimensions alongside our own. **BACKCOVER:** "An astonishing and brilliantly written work of popular science." -Science a GoGo "A brilliant, thrilling book . . . You'll have so much fun reading that you'll hardly notice you're getting a primer on contemporary physics and cosmology." -Walter Isaacson, author of *Benjamin Franklin: An American Life*

Science Fiction Audiences John Wiley & Sons

"Delightful, funny, and yet rigorous and intelligent: only Jorge and Daniel can reach this exquisite balance." —Carlo Rovelli, author of *Seven Brief Lessons on Physics* and *Helgoland* You've got questions: about space, time, gravity, and the odds of meeting your older self inside a wormhole. All the answers you need are right here. As a species, we may not agree on much, but one thing brings us all together: a need to know. We all wonder, and deep down we all have the same big questions. Why can't I travel back in time? Where did the universe come from? What's inside a black hole? Can I rearrange the particles in my cat and turn it into a dog? Researcher-turned-cartoonist Jorge Cham and physics professor Daniel Whiteson are experts at explaining science in ways we can all understand, in their books and on their popular

podcast, Daniel and Jorge Explain the Universe. With their signature blend of humor and oh-now-I-get-it clarity, Jorge and Daniel offer short, accessible, and lighthearted answers to some of the most common, most outrageous, and most profound questions about the universe they've received. This witty, entertaining, and fully illustrated book is an essential troubleshooting guide for the perplexing aspects of reality, big and small, from the invisible particles that make up your body to the identical version of you currently reading this exact sentence in the corner of some other galaxy. If the universe came with an FAQ, this would be it.

The Wounded Sky Simon and Schuster

Bestselling author and acclaimed physicist Lawrence Krauss offers a paradigm-shifting view of how everything that exists came to be in the first place. "Where did the universe come from? What was there before it? What will the future bring? And finally, why is there something rather than nothing?" One of the few prominent scientists today to have crossed the chasm between science and popular culture, Krauss describes the staggeringly beautiful experimental observations and mind-bending new theories that demonstrate not only can something arise from nothing, something will always arise from nothing. With a new preface about the significance of the discovery of the Higgs particle, *A Universe from Nothing* uses Krauss's characteristic wry humor and wonderfully clear explanations to take us back to the beginning of the beginning, presenting the most recent evidence for how our universe evolved—and the implications for how it's going to end. Provocative, challenging, and delightfully readable, this is a game-changing look at the most basic underpinning of existence and a powerful antidote to outmoded philosophical, religious, and scientific thinking.

The Science of Star Wars Penguin

An engaging journey into the biological principles underpinning a beloved science-fiction franchise In *Star Trek*, crew members travel to unusual planets, meet diverse beings, and encounter unique civilizations. In these remarkable space adventures, does *Star Trek* reflect biology and evolution as we know it? What can the science in the science fiction of *Star Trek* teach us? In *Live Long and Evolve*, biologist and die-hard Trekkie Mohamed Noor takes readers on a fun, fact-filled scientific journey. Noor offers Trekkies, science-fiction fans, and anyone curious about how life works a cosmic gateway into introductory biology, including the definitions and origins of life, DNA, reproduction, and evolutionary processes. Giving readers irresistible insights, *Live Long and Evolve* looks at some of the powerful science behind one of the most popular science-fiction series.

The Science of Star Trek from Tricorders to Warp Drive W. W. Norton & Company

Teleportation, time machines, force fields, and interstellar space

ships—the stuff of science fiction or potentially attainable future technologies? Inspired by the fantastic worlds of *Star Trek*, *Star Wars*, and *Back to the Future*, renowned theoretical physicist and bestselling author Michio Kaku takes an informed, serious, and often surprising look at what our current understanding of the universe's physical laws may permit in the near and distant future. Entertaining, informative, and imaginative, *Physics of the Impossible* probes the very limits of human ingenuity and scientific possibility.

Physics of Star Trek 8 Disp DC Comics

"Assume the cow is a sphere." So begins this lively, irreverent, and informative look at everything from the physics of boiling water to cutting-edge research at the observable limits of the universe. Rich with anecdotes and accessible examples, *Fear of Physics* nimbly ranges over the tools and thought behind the world of modern physics, taking the mystery out of what is essentially a very human intellectual endeavour.

Basic Books

How does the *Star Trek* universe stack up against the real universe? What warps when you're traveling at warp speed? What is the difference between a wormhole and a black hole? Are time loops really possible, and can I kill my grandmother before I am born? Anyone who has ever wondered "could this really happen?" will gain useful insights into the *Star Trek* universe (and, incidentally, the real world of physics) in this charming and accessible guide. Lawrence M. Krauss boldly goes where *Star Trek* has gone—and beyond. From Newton to Hawking, from Einstein to Feynman, from Kirk to Picard, Krauss leads readers on a voyage to the world of physics as we now know it and as it might one day be.

A Journey into Dark Matter, Spacetime, and Dreams Deferred Voyageur Press (MN)

Westerners tend to equate political action with revolution and open criticism, leading to concerns that the less outspoken citizens of nonliberal societies are brainwashed, complicit, or paralyzed by fear. Jing Wang shatters this myth, showing how online activists in China are quietly building powerful coalitions for incremental social change.

The Physics of Star Trek Post Hill Press

Discover the science behind the most popular sci-fi franchise of all time! Capturing the imagination and hearts of crowds worldwide, *Star Wars* is a fantastic feat of science fiction and fantasy. The *Science of Star Wars* addresses 50 topics that span the movies' universe such as battle technology, alien life, space travel, etc. You'll find fascinating explorations of the physics of *Star Wars*, its plausibility, and more. The perfect *Star Wars* gift for fans of the saga, this book addresses many unanswered, burning questions, including: How long before we get a *Star Wars* speeder off the ground? What exactly is the Force? How could Kylo Ren stop a

blaster shot in mid-air? How could we live on a gas giant like Bespin, or a desert planet like Tatooine? Nature versus nurture: How does it play out in the making of Jedi? How much would it cost to build the Death Star? And much more! We marvel at the variety of creatures and technology and the mystery behind the force. But how much of the Star Wars world is rooted in reality? Could we see some of the extraordinary inventions materialize in our world? This uncomplicated, entertaining read makes it easy to understand how advanced physics concepts, such as wormholes and Einstein's theory of relativity, apply to the Star Wars universe. The Science of Star Wars explains to non-technical readers how physics and fantasy might merge to allow for the possibility of interstellar travel; communication with foreign but intelligent lifeforms; human-like robots; alien planets fit for human life; weapons and spacecraft such as laser guns, light sabers, and the Millennium Falcon; and Force-like psychokinetic powers. In the 21st Century, we're on the edge of developing much of the technology from "a long time ago, in a galaxy far, far away"... These fantasies aren't as impossible as you might think! Written for every fan of George Lucas's films, you don't need to be a Jedi or an astrophysicist at NASA to appreciate all of Mark Brake and Jon Chase's fun and informative analysis of this classic series in The Science of Star Wars. Prepare your mind to make the jump to light speed and find out about the facts behind one of our favorite modern epics!

Strange New Worlds Boldly Explained National Geographic Books
Over five decades, Star Trek's celebration of mankind's technical achievements and positive view of the future have earned it an enduring place in our global culture. Its scientific vision has also had a profound effect on the past thirty years of technological breakthroughs. Join William Shatner, the original captain of the Starship Enterprise, as he reveals how Star Trek has influenced and inspired some of our greatest scientific minds -- the people behind the future we will all share. In interviews with dozens of scientists we learn about the inventions that will revolutionise our lives and the discoveries that will make it truly possible to explore the last great frontier -- space. As one Nobel Laureate commented on being shown a wood and plastic model of the engine core from a Star Trek: The Next Generation starship: "I'm working on that." From the technicalities of warp speed to real-life replicators to the likelihood of our being able to beam across continents, this always-informative book takes us on a fascinating and eye-opening voyage to the realms of the possible and probable.

A Universe from Nothing Anchor

An alien scientist invents the Intergalactic Inversion Drive, an engine system that transcends warp drive -- and the U.S.S. Enterprise™ will be the first to test it! The Klingons attempt to thwart the test, but a greater danger looms when strange symptoms surface among the crew -- and time becomes meaningless. Now Captain Kirk and his friends face their greatest challenge -- to repair the fabric of the Universe before time is lost forever!

The Past, Present, and Future of a Multibillion Dollar Franchise Rowman & Littlefield

"Explore the mystical power of the Force using quantum mechanics, find out how much energy it would take for the Death Star or Starkiller Base to destroy a planet, and discover how we

can potentially create our very own lightsabers. Explore the physics behind the world of Star Wars, with engaging topics and accessible information that shows how we're closer than ever before to creating technology from the galaxy far, far away-- perfect for every Star Wars fan!"--

Star Trek the Official Guide to Our Universe Harvard University Press

Traces the colorful, turbulent life of the Nobel Prize-winning physicist, from the death of his childhood sweetheart during the Manhattan Project to his rise as an icon in the scientific community.

Insultingly Stupid Movie Physics Basic Books

From a star theoretical physicist, a journey into the world of particle physics and the cosmos -- and a call for a more just practice of science. A Smithsonian Magazine Best Science Book of 2021 A Symmetry Magazine Top 10 Physics Book of 2021 An Entropy Magazine Best Nonfiction Book of 2020-2021 A Publishers Weekly Best Nonfiction Book of the Year A Kirkus Reviews Best Nonfiction Book of 2021 A Booklist Top 10 Sci-Tech Book of the Year A Finalist for the PEN/E.O. Wilson Literary Science Writing Award In *The Disordered Cosmos*, Dr. Chanda Prescod-Weinstein shares her love for physics, from the Standard Model of Particle Physics and what lies beyond it, to the physics of melanin in skin, to the latest theories of dark matter -- all with a new spin informed by history, politics, and the wisdom of Star Trek. One of the leading physicists of her generation, Dr. Chanda Prescod-Weinstein is also one of fewer than one hundred Black American women to earn a PhD from a department of physics. Her vision of the cosmos is vibrant, buoyantly non-traditional, and grounded in Black feminist traditions. Prescod-Weinstein urges us to recognize how science, like most fields, is rife with racism, sexism, and other dehumanizing systems. She lays out a bold new approach to science and society that begins with the belief that we all have a fundamental right to know and love the night sky. *The Disordered Cosmos* dreams into existence a world that allows everyone to experience and understand the wonders of the universe.

The Biology of Star Trek Princeton University Press

The founder and director of the Yale Repertory Theater, as well as Harvard's American Repertory Theater, and a drama critic for more than thirty years, Robert Brustein is a living legend in theatrical circles. *Letters to a Young Actor* not only inspires the multitudes of struggling dramatists out pounding the pavement, but also reinvigorates the very state of the art of acting itself.

What Star Trek Can Teach Us about Evolution, Genetics, and Life on Other Worlds Simon and Schuster

"Brilliant and fundamental, this is the necessary book about our prime global emergency. Here you'll find the facts, the processes, the physics of our complex and changing climate, but delivered with eloquence and urgency. Lawrence Krauss writes with a clarity that transcends mere politics. Prose and poetry were never better bedfellows." —Ian McEwan, Booker Prize-winning author of *Solar and Machines Like Me* "The ideal book for understanding the science of global warming..at once elegant, rigorous, and timely." — Elizabeth Kolbert, Pulitzer Prizewinning author of *The Sixth Extinction* "A brief, brilliant, and charming summary of what physicists know about climate change and how they learned it."

—Sheldon Glashow, Nobel Laureate in Physics, Metcalf Distinguished Professor Emeritus, Boston University "The distinguished scientist Lawrence Krauss turns his penetrating gaze on the most pressing existential threat facing our world: climate change. It is brimming with information lucidly analysed. Such hope as there is lies in science, and a physicist of Dr. Krauss's imaginative versatility is unusually qualified to offer it." —Richard Dawkins, author of *The Blind Watchmaker* and *Science in the Soul* "Lucid and gripping, this study of the most severe challenge humans have ever faced leads the reader from the basic physics of climate change to recognition of the damage that humans have already caused and on to the prospects that lie ahead if we do not change course soon." —Noam Chomsky, Laureate Professor, University of Arizona, author of *Internationalism or Extinction?* "Lawrence Krauss tells the story of climate change with erudition, urgency, and passion. It is our great good luck that one of our most brilliant scientists is also such a gifted writer. This book will change the way we think about the future." —Jennifer Finney Boylan, author of *Good Boy and She's Not There* "Everything on climate change that I've seen is either dumbed down and bossy or written for other climate scientists. I've been looking for a book that can let me, a layperson, understand the science. This book does just what I was looking for. It is important." —Penn Jillette, Magician, author of *Presto!* and *God, No!* "The renowned physicist Lawrence Krauss makes the science behind one of the most important issues of our time accessible to all." —Richard C. J. Somerville, Distinguished Professor Emeritus, Scripps Institution of Oceanography, University of California, San Diego "Lawrence Krauss is a fine physicist, a talented writer, and a scientist deeply engaged with public affairs. His book deserves wide readership. The book's eloquent exposition of the science and the threats should enlighten all readers and motivate them to an urgent concern about our planet's future." —Lord Martin Rees, Astronomer Royal, former president of the Royal Society, author of *On the Future: Prospects for Humanity*

Hiding in the Mirror Simon and Schuster

Explains scientific concepts used in specific episodes of the "Star Trek" television series, including ideas in planetology, space medicine, materials science, engineering, and exobiology

Trekology University of Chicago Press

In the bestselling *The Physics of Star Trek*, the renowned theoretical physicist Lawrence Krauss took readers on an entertaining and eye-opening tour of the Star Trek universe to see how it stacked up against the real universe. Now, responding to requests for more as well as to a number of recent exciting discoveries in physics and astronomy, Krauss takes a provocative look at how the laws of physics relate to notions from our popular culture -- not only Star Trek, but other films, shows, and popular lore -- from Independence Day to Star Wars to The X-Files. What's the difference between a flying saucer and a flying pretzel? Why didn't the aliens in Independence Day have to bother invading Earth to destroy it? What's new with warp drives? What's the most likely scenario for doomsday? Are ESP and telekinesis impossible? What do clairvoyance and time travel have in common? How might quantum mechanics ultimately affect the fate of life in the universe?