The Physics Of Star Trek Lawrence M Krauss

Eventually, you will completely discover a other experience and skill by spending more cash. nevertheless when? attain you believe that you require to acquire those every needs in imitation of having significantly cash? Why dont you try to acquire something basic in the beginning? Thats something that will lead you to understand even more with reference to the globe, experience, some places, behind history, amusement, and a lot more?

It is your completely own times to produce an effect reviewing habit. in the midst of guides you could enjoy now is **The Physics Of Star Trek Lawrence M Krauss** below.

Ordinary Geniuses - Gino Segre 2013-11-26
A fascinating tribute to the forefathers of two of today's most exciting scientific fields Thanks to Max Delbruck and George Gamow, today we have mapped the human genome and understand the ramifications of the Big Bang. In his characteristically inviting and elegant style, Gino Segre brings to life the story of these two great scientists and their long friendship and offers an accessible inside look the people behind the scenes of science—the collaboration and competition, the quirks and failures, the role of intuition and luck, and the sense of wonder and curiosity that keeps these extraordinary minds going.
How Star Wars Conquered the Universe - Chris Taylor 2015-10-06
In 1973, a young filmmaker named George Lucas scribbled some notes for a far-fetched space-fantasy epic. Some forty years and 37 billion later, Star Wars -- related products outnumber human beings, a growing stormtrooper army spans the globe, and "Jediism" has become a religion in its own right. Lucas's creation has grown into far more than a cinematic classic; it is, quite simply, one of the most lucrative, influential, and interactive franchises of all time. Yet incredibly, until now the complete history of Star Wars -- its influences and impact, the controversies it has spawned, its financial growth and long-term prospects -- has never been told. In How Star Wars Conquered the Universe, veteran journalist Chris Taylor traces the series from the difficult birth of the original film through its sequels, the franchise's death and rebirth, the prequels, and the preparations for a new trilogy. Providing portraits of the friends, writers, artists, producers, and marketers who labored behind the scenes to turn Lucas's idea into a legend, Taylor also jousts with modern-day Jedi, tinkers with droid builders, and gets inside Boba Fett's helmet, all to find out how Star Wars has attracted and inspired so many fans for so long. Since the first film's release in 1977, Taylor shows, Star Wars has conquered our culture with a sense of lightness and exuberance, while remaining serious enough to influence politics in far-flung countries and spread a spirituality that appeals to religious groups and atheists alike. Controversial digital upgrades and poorly received prequels have actually made the franchise stronger

than ever. Now, with a savvy new set of bosses holding the reins and Episode VII on the horizon, it looks like Star Wars is just getting started. An energetic, fast-moving account of this creative and commercial phenomenon, How Star Wars Conquered the Universe explains how a young filmmaker's fragile dream beat out a surprising number of rivals to gain a diehard, multigenerational fan base -- and why it will be galvanizing our imaginations and minting money for generations to come.

The Known Unknowns - Lawrence M. Krauss 2023-05-11

Quantum Man: Richard Feynman's Life in Science (Great Discoveries) - Lawrence M. Krauss 2012-03-26

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.

Celestial Bodies - Laura Jacobs 2018-05-08

A distinguished dance critic offers an enchanting introduction to the art of ballet As much as we may enjoy Swan Lake or The Nutcracker, for many of us ballet is a foreign language. It communicates through movement, not words, and its history lies almost entirely abroad--in Russia, Italy, and France. In Celestial Bodies, dance critic Laura Jacobs makes the foreign familiar, providing a lively, poetic, and uniquely accessible introduction to the world of classical dance. Combining history, interviews with dancers, technical definitions, descriptions of performances, and personal stories, Jacobs offers an intimate and passionate guide to watching ballet and understanding the central elements of choreography. Beautifully written and elegantly illustrated with original drawings, Celestial Bodies is essential reading for all lovers of this magnificent art form.

The Physics of Star Wars - Patrick Johnson 2017-11-07

"The Physics of Star Wars reveals the very real-life science behind the fantastical galaxy of Star Wars"-- Back cover.

1000 Lashes - Raif Badawi 2015

"Raif Badawi's is an important voice for all of us to hear"-- Salman Rushdie Raif Badawi, a Saudi Arabian blogger, shared his thoughts on politics, religion, and liberalism online. He was sentenced to 1,000 lashes, ten years in prison, and a fine of 1 million Saudi Riyal, over a quarter of a million U.S. dollars. This politically topical polemic gathers together Badawi's pivotal texts. He expresses his opinions on life in an autocratic-Islamic state under the Sharia and his perception of freedom of expression, human and civil rights, tolerance and the necessary separation of state and religion.

Is God a Mathematician? - Mario Livio 2011-02-22

Bestselling author and astrophysicist Mario Livio examines the lives and theories of history’s greatest mathematicians to ask how—if mathematics is an abstract construction of the human mind—it can so perfectly explain the physical world. Nobel Laureate Eugene Wigner once wondered about “the unreasonable effectiveness of mathematics” in the formulation of the laws of nature. Is God a Mathematician? investigates why mathematics is as powerful as it is. From ancient times to the present, scientists and philosophers have marveled at how such a seemingly abstract discipline could so perfectly explain the natural world. More than that—mathematics has often made predictions, for example, about subatomic particles or cosmic

phenomena that were unknown at the time, but later were proven to be true. Is mathematics ultimately invented or discovered? If, as Einstein insisted, mathematics is “a product of human thought that is independent of experience,” how can it so accurately describe and even predict the world around us? Physicist and author Mario Livio brilliantly explores mathematical ideas from Pythagoras to the present day as he shows us how intriguing questions and ingenious answers have led to ever deeper insights into our world. This fascinating book will interest anyone curious about the human mind, the scientific world, and the relationship between them.

The Physics of Star Trek - Lawrence M. Krauss 2007-08-02

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.

Beyond Star Trek - Lawrence M. Krauss 2011-04-05

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?

The Biology of Star Trek - Robert Jenkins 1999-05-19

Could aliens have green blood? Why so Ferengis have such big ears? Is Commander Data really alive? What Star Trek fan hasn't pondered such weighty questions as these? Now, two noted scientists provide all the answers as they explore the sometimes fanciful, always fascinating, biological issues raised by Star Trek's various incarnations. Entertaining, insightful, and authoritative, The Biology of Star Trek will heighten your appreciation for the mind-expanding magic of Star Trek.

Treknology - Ethan Siegel 2017-10-17

Be amazed by 25 iconic pieces of tech from the Star Trek canon and the science behind how they function with Treknology. You will not believe how close we are to achieving some of them today. The name Star Trek conjures images of faster-than-light spacecraft, holographic crew members, and phasers set to stun. Some of these incredible devices may still be far from our reach, but others have made the leap from science fiction to science fact—and now you can learn

the science and engineering of what makes them tick. Treknology looks at over twenty-five iconic inventions from the complete history of the Star Trek television and film universe. Author Ethan Siegel explores and profiles these dazzling technologies and their role Star Trek, the science behind how they work, and how close we are to achieving them in the real world today. This stunning collection is packed with 150 superbfilm and television stills, prop photography, and scientific diagrams to pull you into another world. Brace yourself for a detailed look at the inner workings of Star Trek's computing capabilities, communications equipment, medical devices, and awe-inspiring ships. Treknology is one that no fan of Star Trek, or future tech, will want to miss.

The Physics of Star Trek - Lawrence Krauss 2007-07-10

Introduces physics as it analyzes the science behind "Star Trek," explaining the intricacies of warp speed and showing the difference between a holodeck and a hologram.

The Edge of Knowledge - Lawrence M. Krauss 2023-05-09

Lawrence Krauss explores the greatest unanswered questions at the forefront of science today, and likely for the coming century and beyond. Internationally known theoretical physicist and bestselling author Lawrence Krauss explores science's greatest unanswered questions. Three of the most important words in science are "I don't know." Not knowing implies a Universe of opportunities—the possibility of discovery and surprise. Our understanding of science has advanced immeasurably over the last five hundred years, yet many fundamental mysteries of existence persist: How did our Universe begin? How big is the Universe? Is time travel possible? What's at the center of a black hole? How did life on Earth arise? Are we alone? What is consciousness, and can we create it? These mysteries define the scientific forefront—the threshold of the unknown. To explore that threshold is to gain a deeper understanding of just how far science has progressed. Covering time, space, matter, life, and consciousness, Krauss introduces readers to topics that will shape the state of science for the next century, providing us all passport to our own journeys of exploration and discovery.

Beyond Star Trek - Lawrence M. Krauss 1997-03-01

Krauss, the renowned theoretical physicist, 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, & popular lore -- from Independence Day to Star Wars to The X-Files. Join him on a fun, mind-bending journey through the nature of alien visitation, interstellar travel -- including warp-drive systems -- consciousness, time, ESP, the probability of other life in the universe, & quantum reality. He has turned to his colleagues, including the foremost theoretical physicists in the world, asking them about the greatest unsolved mysteries of the universe. The answers will surprise you.

Makeup Man - Michael Westmore 2017-03-01

Headline: A peak behind the Hollywood mask by one of its foremost makeup artists In Hollywood's heyday, almost every major studio had a Westmore heading up the makeup department. Since 1917, there has never been a time when Westmores weren't shaping the visages of stardom. For their century-long dedication to the art of makeup, the Westmores were honored with a star on the Hollywood Walk of Fame in 2008. In this lively memoir,

Michael Westmore not only regales us with tales of Hollywood's golden age, but also from his own career where he notably transformed Sylvester Stallone into Rocky Balboa and Robert DiNiro into Jake LaMotta, among many other makeup miracles. Westmore's talent as a makeup artist first became apparent when he created impenetrable disguises for Kirk Douglas, Tony Curtis, Burt Lancaster, Robert Mitchum, and Frank Sinatra for the 1963 film The List of Adrian Messenger. He later went on to become the preferred makeup man for Bobby Darin and Elizabeth Taylor, and worked on such movies and TV shows as The Munsters, Rosemary's Baby, Eleanor and Franklin, New York, New York, 2010: A Space Odyssey, and Mask, for which he won an academy award. The next phase of his career was to create hundreds of alien characters for over 600 episodes of Star Trek in all its iterations, from The Next Generation to Enterprise. Replete with anecdotes about Hollywood and its stars, from Bette Davis's preference for being made-up in the nude to Shelley Winters's habit of nipping from a "little bottle" while on the set, Makeup Man will satisfy any Hollywood's fan's appetite for gossip or a behind-the-scenes look at how tinsel town's most iconic film characters were created. Academy Award-winning Michael Westmore has been making up the stars for over fifty years. He frequently appears on the SyFy channel show Face Off with his daughter McKenzie Westmore.

Is Data Human? - Richard Hanley 1998

Among the reasons the shows have such loyal followers is the complexity of the moral dilemmas within which the captain and crew of the Enterprise, Voyager, and Deep Space Nine must fit their behavior. Also contributing to the series' special appeal has been the way in which the show evolved to allow Captains Janeway and Sisko to handle the new problems they encounter, many very different from those that taxed the philosophical integrity of Kirk or Picard.

A Universe from Nothing - Lawrence Maxwell Krauss 2012

Shares provocative and revelatory answers to such philosophical conundrums as the origins of the universe and how it will end, offering scientific explanations about the immense process through which life evolved.

Hiding in the Mirror - Lawrence M. Krauss 2006-11-28

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

The Physics of God and the Quantum Gravity Theory of Everything - James Redford 2011-12-19

ABSTRACT: Analysis is given of the Omega Point cosmology, an extensively peer-reviewed proof (i.e., mathematical theorem) published in

leading physics journals by professor of physics and mathematics Frank J. Tipler, which demonstrates that in order for the known laws of physics to be mutually consistent, the universe must diverge to infinite computational power as it collapses into a final cosmological singularity, termed the Omega Point. The theorem is an intrinsic component of the Feynman–DeWitt–Weinberg quantum gravity/Standard Model Theory of Everything (TOE) describing and unifying all the forces in physics, of which itself is also required by the known physical laws. With infinite computational resources, the dead can be resurrected—never to die again—via perfect computer emulation of the multiverse from its start at the Big Bang. Miracles are also physically allowed via electroweak quantum tunneling controlled by the Omega Point cosmological singularity. The Omega Point is a different aspect of the Big Bang cosmological singularity—the first cause—and the Omega Point has all the haecceities claimed for God in the traditional religions. From this analysis, conclusions are drawn regarding the social, ethical, economic and political implications of the Omega Point cosmology.

The Skeptics' Guide to the Universe - Dr. Steven Novella 2018-10-02

An all-encompassing guide to skeptical thinking from podcast host and academic neurologist at Yale University School of Medicine Steven Novella and his SGU co-hosts, which Richard Wiseman calls "the perfect primer for anyone who wants to separate fact from fiction." It is intimidating to realize that we live in a world overflowing with misinformation, bias, myths, deception, and flawed knowledge. There really are no ultimate authority figures-no one has the secret, and there is no place to look up the definitive answers to our questions (not even Google). Luckily, The Skeptic's Guide to the Universe is your map through this maze of modern life. Here Dr. Steven Novella-along with Bob Novella, Cara Santa Maria, Jay Novella, and Evan Bernstein-will explain the tenets of skeptical thinking and debunk some of the biggest scientific myths, fallacies, and conspiracy theories-from anti-vaccines to homeopathy, UFO sightings to N- rays. You'll learn the difference between science and pseudoscience, essential critical thinking skills, ways to discuss conspiracy theories with that crazy co- worker of yours, and how to combat sloppy reasoning, bad arguments, and superstitious thinking. So are you ready to join them on an epic scientific quest, one that has taken us from huddling in dark caves to setting foot on the moon? (Yes, we really did that.) DON'T PANIC! With The Skeptic's Guide to the Universe, we can do this together. "Thorough, informative, and enlightening, The Skeptic's Guide to the Universe inoculates you against the frailties and shortcomings of human cognition. If this book does not become required reading for us all, we may well see modern civilization unravel before our eyes." -- Neil deGrasse Tyson "In this age of real and fake information, your ability to reason, to think in scientifically skeptical fashion, is the most important skill you can have. Read The Skeptics' Guide Universe; get better at reasoning. And if this claim about the importance of reason is wrong, The Skeptics' Guide will help you figure that out, too." -- Bill Nye

Treating the Adult Survivor of Childhood Sexual Abuse - Jody Messler Davies 1995-09

The Physics of Christianity - Frank

J. Tipler 2008-08-19
A highly respected physicist demonstrates that the essential beliefs of Christianity are wholly consistent with the laws of physics. Frank Tipler takes an exciting new approach to the age-old dispute about the relationship between science and religion in The Physics of Christianity. In reviewing centuries of writings and discussions, Tipler realized that in all the debate about science versus religion, there was no serious scientific research into central Christian claims and beliefs. So Tipler embarked on just such a scientific inquiry. The Physics of Christianity presents the fascinating results of his pioneering study. Tipler begins by outlining the basic concepts of physics for the lay reader and brings to light the underlying connections between physics and theology. In a compelling example, he illustrates how the God depicted by Jews and Christians, the Uncaused First Cause, is completely consistent with the Cosmological Singularity, an entity whose existence is required by physical law. His discussion of the scientific possibility of miracles provides an impressive, credible scientific foundation for many of Christianity's most astonishing claims, including the Virgin Birth, the Resurrection, and the Incarnation. He even includes specific outlines for practical experiments that can help prove the validity of the "miracles" at the heart of Christianity. Tipler's thoroughly rational approach and fully accessible style sets The Physics of Christianity apart from other books dealing with conflicts between science and religion. It will appeal not only to Christian readers, but also to anyone interested in an issue that triggers heated and divisive intellectual and cultural debates.

Fear of Physics - Lawrence M. Krauss 2007-07-30
"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.

Physics of the Impossible - Michio Kaku 2008-03-11
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.

Beyond Star Trek - Lawrence M. Krauss 2011-04-05
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?

The Physics of Climate Change - Lawrence M. Krauss 2021-01-26

“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

Quintessence - Lawrence M. Krauss 2001

Will the universe continue to expand forever, reverse its expansion and

begin to contract, or reach a delicately poised state where it simply persists forever? The answer depends on the amount and properties of matter in the universe, and that has given rise to one of the great paradoxes of modern cosmology; there is too little visible matter to account for the behaviour we can see. Over 90 percent of the universe consists of 'missing mass' or 'dark matter' - what Lawrence Krauss, in his classic book, termed the fifth essence. In this new edition of The Fifth Essence, retitled Quintessence after the now widely accepted term for dark matter, Krauss shows how the dark matter problem is now connected with two of the hottest areas in recent cosmology: the fate of the universe and the cosmological constant. With a new introduction, epilogue and chapter updates, Krauss updates his classic and shares one of the most stunning discoveries of recent years: an antigravity force that explains recent observations of a permanently expanding universe.

The Science of Star Wars - Jeanne Cavelos 2007-04-01

Could the science fiction of Star Wars be the actual science of tomorrow? -How close are we to creating robots that look and act like R2-D2 and C-3PO? -Can we access a "force" with our minds to move objects and communicate telepathically with each other? -How might spaceships like the Millennium Falcon make the exhilarating jump into hyperspace? -What kind of environment could spawn a Wookiee? -Could a single blast from the Death Star destroy an entire planet? -Could light sabers possibly be built, and if so, how would they work? -Do Star Wars aliens look like "real" aliens might? -What would living on a desert planet like Tatooine be like? -Why does Darth Vader require an artificial respirator? Discover the answers to these and many other fascinating questions of physics, astronomy, biology and more, as a noted scientist and Star Wars enthusiast explores The Science of Star Wars.

The Greatest Story Ever Told--So Far - Lawrence M. Krauss 2017-03-21

An award-winning theoretical physicist and best-selling author of A Universe from Nothing traces the dramatic discovery of the counterintuitive world of reality, explaining how readers can shift their perspectives to gain greater understandings of our individual roles in the universe. --Publisher.

Teaching about Cosmology - Lawrence Maxwell Krauss 1999

This AAPT/PTRA resource book explores concepts ranging from the origins of the universe and the Big Bang theory, to aspects of the universe such as age, weight and expansion, to dark matter, cosmic microwave background, clustering, and modern physics. Exercises for students will help them grasp complex theories concerning the universe.

Atom - Lawrence M. Krauss 2001-04-11

The story of matter and the history of the cosmos from the perspective of a single oxygen atom, told with the insight and wit of one of the most dynamic physicists and writers working today. Through this astonishing work, he manages to stoke wonder at the powers and unlikely events that conspired to create our solar system, our ecosystem, and us.

Brave Genius - Sean B. Carroll 2014-09-23

The never-before-told account of the intersection of some of the most insightful minds of the 20th century, and a fascinating look at how war, resistance, and friendship can catalyze genius. In the spring of 1940, the aspiring but unknown writer Albert Camus and budding scientist Jacques Monod were quietly pursuing

ordinary, separate lives in Paris. After the German invasion and occupation of France, each joined the Resistance to help liberate the country from the Nazis and ascended to prominent, dangerous roles. After the war and through twists of circumstance, they became friends, and through their passionate determination and rare talent they emerged as leading voices of modern literature and biology, each receiving the Nobel Prize in their respective fields. Drawing upon a wealth of previously unpublished and unknown material gathered over several years of research, Brave Genius tells the story of how each man endured the most terrible episode of the twentieth century and then blossomed into extraordinarily creative and engaged individuals. It is a story of the transformation of ordinary lives into exceptional lives by extraordinary events--of courage in the face of overwhelming adversity, the flowering of creative genius, deep friendship, and of profound concern for and insight into the human condition.

Letters to a Young Actor - Robert Sanford Brustein 2005-02

Presents advice and inspiration for performers aspiring to star on stage and screen, with anecdotes drawn from decades of experience offering strategies for success.

The Science of Star Wars - Mark Brake 2016-11-15

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!

The Fifth Essence - Lawrence M. Krauss 1991-07-16

More than 2,000 years ago, Aristotle proposed adding a new substance to the four elements of earth, air, fire, and water--quintessence. Here, there is overwhelming evidence that more than 90 percent of the universe is made up of a mysterious form of matter. Illustrated.

The Science of Doctor Who - Paul Parsons 2010-05-05

cosmologist and is ideal beach reading for anyone who loves science and watches the show—no matter which planet the beach is on.

A Universe from Nothing - Lawrence M. Krauss 2013-01-01

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 Joy Machine - James Gunn 2000-09-22

Timshel was once the vacation spot of the galaxy, full of culture, natural beauty, and friendly, hospitable inhabitants. But now Timshel has cut itself off from the universe. No one is allowed to enter or leave. Concerned, the Federation has sent agents to investigate, but none have returned. Captain Kirk and the crew of the Starship EnterpriseTM are shocked to discover the truth: the people of Timshel have succumbed to an insidious new technology that guarantees every citizen total pleasure, a soul-destroying ecstasy that has enslaved their entire civilization. Kirk and Spock have faced many threats before, but now they face the most seductive menace of all: perfect happiness. And the rest of the Federation may soon fall under the irresistible control of the Joy Machine.

The Science of Star Trek - Mark Brake 2022-04-05

Boldly go where no man has gone before and discover the real science behind the cyborgs, starships, aliens, and antimatter of the Star Trek galaxy. Star Trek is one of the highest-grossing media franchises of all time. It has changed our cultural landscape in so many ways since it first aired in 1966. The franchise has generated billions of dollars in revenue, leading to a wide range of spin-off games, novels, toys, and comics. Star Trek is noted for its social science, too, with its progressive civil rights stances and its celebration of future diversity that began with The Original Series, one of television's first multiracial casts. The Science of Star Trek explores one of the greatest science-fiction universes ever created and showcases the visionary tech that

inspired and influenced the real-world science of today. The perfect Star Trek gift for fans of the franchise, this book addresses many unanswered, burning questions, including: What can Star Trek tell us about aliens in our Milky Way? How has Star Trek influenced space culture? What can Star Trek tell us about planet hunting? What Star Trek machines came true? When will we boldly go? Learn more about one of our favorite modern epics with The Science of Star Trek!