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The Physics of Star Trek Simon and Schuster

NEW YORK TIMES BESTSELLER #1 Washington Post Bestseller There's Santa Claus, Shakespeare, Mickey Mouse, the Bible, and then there's Star Wars. Nothing quite compares to sitting down with a young child and hearing the sound of John Williams's score as those beloved golden letters fill the screen. In this fun, erudite, and often moving book, Cass R. Sunstein explores the lessons of Star Wars as they relate to childhood, fathers, the Dark Side, rebellion, and redemption. As it turns out, Star Wars also has a lot to teach us about constitutional law, economics, and political uprisings. In rich detail, Sunstein tells the story of the films' wildly unanticipated success and explores why some things succeed while others fail. Ultimately, Sunstein argues, Star Wars is about freedom of choice and our never-ending ability to make the right decision when the chips are down. Written with buoyant prose and considerable heart, *The World According to Star Wars* shines a bright new light on the most beloved story of our time.

[The World According to Star Wars](#) Univ of Massachusetts Press

The great scientific, astronomical and technological advances of the 20th century inspired the science fiction genre to imagine distant worlds and futures, far beyond the discoveries of the here and now. This book explores science fiction films, television series, novels and short stories--from *Lost*

in Space (1965-1968) to *Fringe* (2008-2013) to the works of Isaac Asimov and Stephen Baxter--with a focus on their underlying concepts of physics and astronomy. Assessing accuracy and plausibility, the author considers the possibilities of solar system, interstellar and faster than light travel; intelligent planets, dark (anti-) matter, the multiverse and string theory, time travel, alternate universes, teleportation and replication, weaponry, force fields, extraterrestrial life, subatomic life, emotional robots, super-human and parapsychological powers, asteroid impacts, space colonies and many other topics.

Strategy Strikes Back Tor Books

How does magic in J. K. Rowling's universe work? Finally, the scientific secrets are revealed! The story of the boy who lived has brought the idea of magic and sorcery into mainstream fruition more than any other book series in history. Modern muggle scientists have uncovered explanations to the seemingly impossible, including answers to such questions as: Will we ever see an invisibility cloak? How hazardous is a flying broomstick like the Nimbus 2000? How has medicine made powerful potions from peculiar plants? (Felix Felicis, anyone?) Can scientists ever demonstrate Wingardium Leviosa, or the flying power of a Golden Snitch? Is it possible to stupefy someone? And many more! Often perceived as a supernatural force, magic captivates and delights its audience because of its seeming ability to defy physics and logic. But did you ever wonder if science has any explanation for these fantastic feats? *The Science of Harry Potter* examines the scientific principles--behind some of your favorite characters, spells, items, scenes, and even games like Quidditch and Wizard's Chess--from boy wizard Harry Potter's world, providing in-depth analysis and scientific facts to

support its theories. Author Mark Brake, whose *The Science of Star Wars* was a knockout success, has found the answers to satisfy the curious spirits of muggles everywhere... A perfect Harry Potter gift for anyone obsessed enough to stand in line to be the first to see Harry Potter and the Cursed Child or *Fantastic Beasts and Where to Find Them*, witches and wizards alike will be fascinated by the merging of this improbable realm and real science!

Honor Among Thieves Sophia Institute Press

Hugo and Nebula award-winning author Vonda N. McIntyre continues the bestselling *Star Wars* saga as the ultimate space adventure unfolds in *The Crystal Star*. Princess Leia's children have been kidnapped. Along with Chewbacca and Artoo-Detoo, she follows the kidnappers' trail to a disabled refugee ship, from which children are also missing. Here she learns of a powerful Imperial officer with a twisted plan to restore the Empire. Meanwhile, Han Solo and Luke Skywalker are cut off from Leia by the death of a nearby star, which has caused a disruption in the Force. They have gone to the planet Crseih to investigate a report of a lost group of Jedi. Instead they find a charismatic alien named Waru whose miraculous healing powers have attracted a fanatic following. As Leia follows the path of her children across space, Luke and Han draw closer to the truth behind Waru's sinister cult. Together they will face an explosive showdown that will decide the survival of the New Republic . . . and the universe itself!

The Military Science of Star Wars Perfection Learning

Order in the Court! *Star Wars*: the most significant, powerful myth of the twenty-first century or morally bankrupt military fantasy? Six films. Countless books. \$20 billion in revenue. No one can question the financial value or cultural impact of the *Star Wars* film franchise. But has the impact been for the good? In *Star Wars* on Trial's courtroom—Droid Judge presiding—*Star Wars* stands accused of elitist politics and sexism, religious and ethical lapses, the destruction of literary science fiction and science fiction film, and numerous plot holes and logical gaps. Supported by a witness list of bestselling science fiction authors, David Brin (for the prosecution) and Matthew Woodring Stover (for the defense) debate these charges and more before delivering their closing statements. The verdict? That's up to you. Covering the films from *A New Hope* to *The Force Awakens*, Brin and Stover provide new forewords that explore the newest generation of *Star Wars* films and what JJ Abrams must do to live up to—or redeem—the franchise.

Spooky Action at a Distance Basic Books

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?

Star Wars Random House Worlds

This fascinating blend of popular science and military history examines the science of war, demonstrating the close connection between the discovery of basic physical principles and the development of weaponry over the ages. Physics has played a critical role in warfare since the earliest times.

Barry Parker highlights famous battles of the past as well as renowned scientists and inventors such as Leonardo, Galileo, Newton, Maxwell, and Einstein whose work had an impact on the technology of combat. Mechanics and the laws of motion led to improved shell trajectories; gas dynamics proved important to the interior ballistics of rifles and cannons; and space exploration resulted in intercontinental missiles, spy satellites, and drone aircraft. Parker emphasizes the special discoveries that had revolutionary effects on the art of warfare: the Chinese invention of gunpowder, the development of firearms, the impact of the Industrial Revolution, the deployment of the airplane in the First World War, and in our era the unleashing of the enormous power inherent in nuclear fission and fusion.

Vision of the Future: Star Wars Legends (The Hand of Thrawn) Turtleback Books

When cultures such as ours toss Jesus out one door, He comes in – albeit disguised – through another. That’s why author Jim Papandrea turned to *Star Wars*, *Star Trek*, *The Matrix*, *Terminator*, *Spider-Man*, *Batman*, *Dr. Who*, and half-a-dozen other modern shows, discovering in each one powerful images of Christ and salvation. Nor is that surprising. In stories of alternative universes, people always need rescuing; somebody needs to save the day; and sometimes the whole world cries out for a savior . . . which is just what a hero is. About the heroes of some of the most popular sci-fi stories of all time, author Papandrea here answers questions that concern Christians who are also Trekkies, Whovians, Matrix Dwellers, or aficionados of popular science fiction: What kind of “Christ-figure” is the hero of this story, and what does that say about the show’s vision of Christ, humanity and salvation? In the interest of being scientific, Papandrea even gives each hero a Numerical Orthodoxy Score based on the description of Christ in the Nicene Creed, Christianity’s common definition of orthodoxy. Included herein are astute Christian analyses of: *Batman* * *Captain America* * *Doctor Who* * *The Fifth Element* * *I, Robot* * *Iron Man* * *LOST* * *The Matrix* * *Planet of the Apes* * *Pleasantville* * *Spider-Man* * *Star Trek* * *Star Wars* * *Superman* * *The Terminator* * *The Time Machine* * *Tron* * *Wonder Woman* Here you’ll read about: The pervasive Christian imagery in *Doctor Who**Star Trek*’s predicted “death of God”*Free-will: the stumbling block in the first Matrix**The crucifixion of Spider-Man**Why Wonder Woman is an image of a gnostic savior**The meaning of salvation in Star Wars (It masquerades as Christian)**How Superman’s life begins as a parallel of Moses.**I, Robot: the religious reason why the robot is called “Sonny”**Whether, in any Christian sense, Neo is The One?**Captain American and Iron-Man: one defends the innocent, the other brings justice to the guilty**The tomb scene in the Fifth Element: it’s not the resurrection we need**Matter vs. Spirit in Tron: gnostic to the core**The anti-Christian bias of Planet of the Apes**Why the Force in Star Wars is no analogy to Grace or the Holy Spirit**The Star Wars Christ figure: Obi-Wan? Luke? Or even, ultimately, Darth Vader**What Heaven is understood to be in the LOST universe**Time travel as incarnation in The Terminator: a compelling analogy**Regeneration as resurrection in Doctor Who: Is it Christ-like?**How Pleasantville reverses the dynamism of the Fall**The baptismal significance of the plane crash in LOST**Pleasantville: a twisted version of Eden**The incarnation of the Christ-figure in Planet of the Apes**Tron’s parallels between Christianity and the Roman Empire . . . and much more about other science fiction and superhero shows! Christians who enjoy popular culture will greet this fun book with interest and acclaim.*

A Different Universe John Wiley & Sons

Science meets fantasy in this behind-the-scenes look at the Marvel Cinematic Universe—now you can experience the magic of the movies, and learn how to replicate it in real-life. The Marvel Cinematic Universe is filled with extraordinary humans and abilities. There are teenaged geniuses swinging through the streets of New York, billionaires creating impenetrable armor in hidden caves, and aliens flying through wormholes to Earth. All of these characters seem to lie firmly in the realm of fantasy—but the technology behind them might not be as farfetched as you think... *The Science of Marvel* pulls back the curtain and reveals the secrets behind Marvel movie magic, and shows us how to recreate these comic book wonders in our everyday life. Using quantum physics, a little bit of mechanical engineering, and some out-of-the-box thinking, you’ll be amazed to discover that it’s possible to create a real-life Captain America, Incredible Hulk, or Black Panther. The perfect gift or collectible for Marvel fans everywhere, *The Science of Marvel* brings beloved movies and characters to life like never before.

How Star Wars Conquered the Universe HarperCollins

In this new and expanded edition of an already classic work, H. Bruce Franklin brings the epic story of the superweapon and the American imagination into the ominous twenty-first century, demonstrating its continuing importance both to comprehending our current predicament and to finding ways to escape from it. Sweeping through two centuries of American culture and military history, Franklin traces the evolution of superweapons from Robert Fulton's eighteenth-century submarine through the strategic bomber, atomic bomb, and *Star Wars* to a twenty-first century dominated by "weapons of mass destruction," real and imagined. Interweaving culture, science, technology, and history, he shows how and why the American pursuit of the ultimate defensive weapon -- guaranteed to end all war and bring universal triumph to American ideals -- has led our nation and the world into an epoch of terror and endless war.

Fire, Ice, and Physics Perfection Learning

A companion to the video game *Angry Birds Star Wars* with information about the game's storylines and facts about the inventions and science behind the science fiction.

The Physics and Astronomy of Science Fiction MIT Press

For use in schools and libraries only. The disappearance of the Senator's son sparks an investigation into finding a culprit--either some faithless students from his leadership school, or one of his political rivals--calling for the help of Anakin Skywalker and his rival.

The Physics of War Penguin

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 as a noted scientist and *Star Wars* enthusiast explores *The Science of Star Wars*.

The Science of Star Wars Macmillan

George Beahm, a former U.S. Army major, draws on his experience to discuss the military science of the sprawling *Star Wars* universe: its personnel, weapons, technology, tactics and strategy, including an analysis of its key battles to explain how the outmanned and outgunned rebels ultimately prevailed against overwhelming forces. Contrasting the military doctrine of the real world with the fictional world of *Star Wars*, the author constructively criticizes the military strengths and weaknesses of Darth Vader’s Galactic Empire and Kylo Ren’s First Order... From *Star Wars: A New Hope* (1977) to *Rogue One* (2016), this timely book demystifies the operational arts in an accessible and entertaining way for military personnel and civilians. Replete with a glossary of military terms, this book is supplemented with an annotated bibliography.

Underworld St. Martin's Press

Exploring the science in George R. R. Martin’s fantastical world, from the physics of an ice wall to the genetics of the Targaryens and Lannisters *Game of Thrones* is a fantasy that features a lot of made-up science—fabricated climatology (when is winter coming?), astronomy, metallurgy, chemistry, and biology. Most fans of George R. R. Martin’s fantastical world accept it all as part of the magic. A trained scientist, watching the fake science in *Game of Thrones*, might think, “But how would it work?” In *Fire, Ice, and Physics*, Rebecca Thompson turns a scientist’s eye on *Game of Thrones*, exploring, among other things, the science of an ice wall, the genetics of the Targaryen and Lannister families, and the biology of beheading. Thompson, a PhD in physics and an enthusiastic *Game of Thrones* fan, uses the fantasy science of the show as a gateway to some interesting real science, introducing GOT fandom to a new dimension of appreciation. Thompson starts at the beginning, with winter, explaining seasons and the very elliptical orbit of the Earth that might cause winter to come (or not come). She tells us that ice can behave like ketchup, compares regular steel to Valyrian steel, explains that dragons are “bats, but with fire,” and considers Targaryen inbreeding. Finally she offers scientific explanations of the various types of fatal justice meted out, including beheading, hanging, poisoning (reporting that the effects of “the Strangler,” administered to Joffrey at the Purple Wedding, resemble the effects of strychnine), skull crushing, and burning at the stake. Even the most faithful *Game of Thrones* fans will learn new and interesting things about the show from Thompson’s entertaining and engaging account. *Fire, Ice, and Physics* is an essential companion for all future bingeing.

Heir to the Empire: Star Wars Legends Random House Worlds

Few can doubt the phenomenal impact of the *Star Wars* films. But why do so many fans feel that the films touch them on a deeper level than any of the other popular fantasy films? Why are there even people who say that they base their ideas of right and wrong on the *Star Wars* films? In his intriguing but light-hearted book, David Wilkinson investigates the cultural context into which the films were first released. He reveals how George Lucas's proposal was originally met with ridicule. He shows the films' profound impact on the market for film merchandise. And he demonstrates how Lucas has created a basis for a contemporary religion by incorporating many of the great themes of myth and religion: hope; evil and redemption; and the belief that there is more to the universe than just technology.

The Physics of Superheroes: Spectacular Second Edition Simon and Schuster

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.

Industrial Light & Magic Presents: Making Solo: A Star Wars Story Little, Brown

The most successful film franchise of all time, Star Wars thrillingly depicts an epic multigenerational conflict fought a long time ago in a galaxy far, far

away. But the Star Wars saga has as much to say about successful strategies and real-life warfare waged in our own time and place. *Strategy Strikes Back* brings together over thirty of today's top military and strategic experts, including generals, policy advisors, seasoned diplomats, counterinsurgency strategists, science fiction writers, war journalists, and ground-level military officers, to explain the strategy and the art of war by way of the Star Wars films. Each chapter of *Strategy Strikes Back* provides a relatable, outside-the-box way to simplify and clarify the complexities of modern military conflict. A chapter on the case for planet building on the forest moon of Endor by World War Z author Max Brooks offers a unique way to understand our own sustained engagement in war-ravaged societies such as Afghanistan. Another chapter on the counterinsurgency waged by Darth Vader against the Rebellion sheds light on the logic behind past military incursions in Iraq. Whether using the destruction of Alderaan as a means to explore the political implications of targeting civilians, examining the pivotal decisions made by Yoda and the Jedi Council to differentiate strategic leadership in theory and in practice, or considering the ruthlessness of Imperial leaders to explain the toxicity of top-down leadership in times of war and battle, *Strategy Strikes Back* gives fans of Star Wars and aspiring military minds alike an inspiring and entertaining means of understanding many facets of modern warfare. It is a book as captivating and enthralling as Star Wars itself.

Star Wars: The Mandalorian: Allies & Enemies Level 2 Reader Simon and Schuster

Ferus Olin is trying to save the surviving Jedi, but his old rival Anakin Skywalker stands in his way.

National Geographic Angry Birds Star Wars Lion 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.