

## The Hunt For Vulcan And How Albert Einstein Destroyed A Planet Discovered Relativity And Deciphered The Universe

An electrifying thriller from bestselling author Diane Duane set in the Star Trek: The Original Series universe. The sword was the ultimate symbol of Romulan power, tradition, and pride. It lay in the Senate Chamber of the Romulan Star Empire, revered and untouched for centuries, until the day Dr. Leonard McCoy was tried for treason—and both were stolen during a daring attack on Romulus itself. Now, to avenge that insult and save face in the eyes of their deadly enemies, the Empire must recover the sword at any cost. Their envoys to the Federation demand the return of the sword and the extradition of the Romulan renegades who aided the Starship Enterprise™ in McCoy's escape. If diplomacy fails, the Romulans will take the Kings™ and the Federation in open war. In such dangerous times, the Starship Enterprise is assigned the most valuable—and volatile—element of all: the fugitive Ael, her stolen Bird-of-Prey Bloodwing, and the sword they carry. Ael will undoubtedly attempt to use ship and sword to foil her enemies and play her hand in the dangerous game that she's begun. But she will do it all under the watchful eyes of James T. Kirk, the Federation starship captain who knows her dangerously well...

The sweeping story of the world's first financial crisis: "an astounding episode from the early days of financial markets that to this day continues to intrigue and perplex historians . . . narrative history at its best, lively and fresh with new insights" (Liaquat Ahamed, Pulitzer Prize–winning author of *Lords of Finance*) A Financial Times Economics Book of the Year? Longlisted for the Financial Times/McKinsey Business Book of the Year Award In the heart of the Scientific Revolution, when new theories promised to explain the affairs of the universe, Britain was broke, facing a mountain of debt accumulated in war after war that it could not afford. But that same Scientific Revolution—the kind of thinking that helped Isaac Newton solve the mysteries of the cosmos—would soon lead clever, if not always scrupulous, men to try to figure a way out of Britain's financial troubles. Enter the upstart leaders of the South Sea Company. In 1719, they laid out a grand plan to swap citizens' shares of the nation's debt for company stock, removing the burden from the state and making South Sea's directors a fortune in the process. Everybody would win. The king's ministers took the bait—and everybody did win. Far too much, far too fast. The following crash came suddenly in a rush of scandal, jail, suicide, and ruin. But thanks to Britain's leader, Robert Walpole, the kingdom found its way through to emerge with the first truly modern, reliable, and stable financial exchange. Thomas Levenson's *Money for Nothing* tells the unbelievable story of the South Sea Bubble with all the exuberance, folly, and the catastrophe of an event whose impact can still be felt today.

This title is part of UC Press's Voices Revived program, which commemorates University of California Press's mission to seek out and cultivate the brightest minds and give them voice, reach, and impact. Drawing on a backlist dating to 1893, Voices Revived makes high-quality, peer-reviewed scholarship accessible once again using print-on-demand technology. This title was originally published in 1996. Two world-renowned scientists present an audacious new vision of the cosmos that "steals the thunder from the Big Bang theory." —Wall Street Journal The Big Bang theory—widely regarded as the leading explanation for the origin of the universe—posits that space and time sprang into being about 14 billion years ago in a hot, expanding fireball of nearly infinite density. Over the last three decades the theory has been repeatedly revised to address such issues as how galaxies and stars first formed and why the expansion of the universe is speeding up today. Furthermore, an explanation has yet to be found for what caused the Big Bang in the first place. In *Endless Universe*, Paul J. Steinhardt and Neil Turok, both distinguished theoretical physicists, present a bold new cosmology. Steinhardt and Turok "contend that what we call the moment of creation was simply part of an infinite cycle of titanic collisions between our universe and a parallel world" (Discover). They recount the remarkable developments in astronomy, particle physics, and superstring theory that form the basis for their groundbreaking "Cyclic Universe" theory. According to this theory, the Big Bang was not the beginning of time but the bridge to a past filled with endlessly repeating cycles of evolution, each accompanied by the creation of new matter and the formation of new galaxies, stars, and planets. *Endless Universe* provides answers to longstanding problems with the Big Bang model, while offering a provocative new view of both the past and the future of the cosmos. It is a "theory that could solve the cosmic mystery" (USA Today).

Virgil, Aeneid, 4.1-299

Media and Conservative Evangelical Culture

Project Hall Mary

Shaking the World for Jesus

Forests

***It was to be one of the most ambitious operations since 617 Squadron bounced their revolutionary bombs into the dams of the Ruhr Valley in 1943... When Argentine forces invaded the Falklands in the early hours of 2 April 1982, Britain's military chiefs were faced with a real-life Mission Impossible.***

***Seventeen selections arranged in order of increasing controversiality represent Asimov's recent essays on astronomy, chemistry, biology, and other topics pertinent to the future of man***

***"Stories of Old Greece and Rome" by Emilie K. Baker. Published by Good Press. Good Press publishes a wide range of titles that encompasses every genre. From well-known classics & literary fiction and non-fiction to forgotten–or yet undiscovered gems–of world literature, we issue the books that need to be read. Each Good Press edition has been meticulously edited and formatted to boost readability for all e-readers and devices. Our goal is to produce eBooks that are user-friendly and accessible to everyone in a high-quality digital format.***

***Introducing Gideon Crew: trickster, prodigy, master thief At twelve, Gideon Crew witnessed his father, a world-class mathematician, accused of treason and gunned down. At twenty-four, summoned to his dying mother's bedside, Gideon learned the truth: His father was framed and deliberately slaughtered. With her last breath, she begged her son to avenge him. Now, with a new purpose in his life, Gideon crafts a one-time mission of vengeance, aimed at the perpetrator of his father's destruction. His plan is meticulous, spectacular, and successful. But from the shadows, someone is watching. A very powerful someone, who is impressed by Gideon's special skills. Someone who has need of just such a renegade. For Gideon, this operation may be only the beginning . . .***

***Open to Debate***

***The Essential Guide***

***How William F. Buckley Put Liberal America on the Firing Line***

***Stories of Old Greece and Rome***

***Newton and the Counterfeiter***

***Science Blogging***

***New Jersey, 1937:*** A homicidal madman bears a safe holding a terrible secret that is thought lost when fiery fate intervenes. Decades later, the discovery of that secret is about to threaten the world once more. . . . Mining engineer Philip Mercer is in the war-torn Central African Republic searching for precious metal. There he meets Gali Stone, a field researcher for the CDC who is investigating why a certain village suffers from one of the highest rates of cancer in the world—a fact that intrigues Mercer. Once back in the states, Mercer's search for answers leads him to a long-lost safe and a cryptic note inside that may reveal a three thousand year-old deception. . . .

Einstein's gravity theory—his general theory of relativity—has served as the basis for a series of astonishing cosmological discoveries. But what if, nonetheless, Einstein got it wrong? Since the 1930s, physicists have noticed an alarming discrepancy between the universe as we see it and the universe that Einstein's theory of relativity predicts. There just doesn't seem to be enough stuff out there for everything to hang together. Galaxies spin so fast that, based on the amount of visible matter in them, they ought to be flung to pieces, the same way a spinning yo-yo can break its string. Cosmologists tried to solve the problem by positing dark matter—a mysterious, invisible substance that surrounds galaxies, holding the visible matter in place—and particle physicists, attempting to identify the nature of the stuff, have undertaken a slew of experiments to detect it. So far, none have. Now, John W. Moffat, a physicist at the Perimeter Institute for Theoretical Physics in Waterloo, Canada, offers a different solution to the problem. The capstone to a storybook career—one that began with a correspondence with Einstein and a conversation with Niels Bohr—Moffat's modified gravity theory, or MOG, can model the movements of the universe without recourse to dark matter, and his work challenging the constancy of the speed of light raises a stark challenge to the usual models of the first half-million years of the universe's existence. This bold new work, presenting the entirety of Moffat's hypothesis to a general readership for the first time, promises to overturn everything we thought we knew about the origins and evolution of the universe.

**#1 NEW YORK TIMES BESTSELLER •** From the author of *The Martian*, a lone astronaut must save the earth from disaster in this "propulsive" (Entertainment Weekly), cinematic thriller full of suspense, humor, and fascinating science—in development as a major motion picture starring Ryan Gosling. **HUGO AWARD FINALIST • ONE OF THE YEAR'S BEST BOOKS:** Bill Gates, GatesNotes, New York Public Library, Parade, Newsweek, Polygon, Shelf Awareness, She Reads, Kirkus Reviews, Library Journal • "An epic story of redemption, discovery and cool speculative sci-fi."—USA Today "If you loved *The Martian*, you'll go crazy for Weir's latest."—*The Washington Post* Ryland Grace is the sole survivor on a desperate, last-chance mission—and if he fails, humanity and the earth itself will perish. Except that right now, he doesn't know that. He can't even remember his own name, let alone the nature of his assignment or how to complete it. All he knows is that he's waking up in a very, very long time. And he has just been awakened to find himself millions of miles from home, with nothing but two corpses for company. His memories faded, his memories fuzzily returning, Ryland realizes that an impossible task now confronts him: hurtling through space on this tiny ship, it's up to him to puzzle out an impossible scientific mystery—and conquer an extinction-level threat to our species. And with the clock ticking down and the nearest human being light-years away, he's got to do it all alone. Or does he? An irresistible interstellar adventure as only Andy Weir could deliver, *Project Hail Mary* is a tale of discovery, speculation, and survival to rival *The Martian*—while taking us to places it never dreamed of going.

Here is the essential how-to guide for communicating scientific research and discoveries online, ideal for journalists, researchers, and public information officers looking to reach a wide lay audience. Drawing on the cumulative experience of twenty-seven of the greatest minds in scientific communication, this invaluable handbook targets the specific questions and concerns of the scientific community, offering help in a wide range of digital areas, including blogging, creating podcasts, tweeting, and more. With step-by-step guidance and one-stop expertise, this is the book every scientist, science writer, and practitioner needs to approach the Wild West of the Web with knowledge and confidence.

The Universe and Dr. Einstein

A Musical History of Science

Essays

Finding a Form

Money for Nothing

Ravoc

It goes deep beneath the Pacific Ocean, where a nuclear bomb strikes at the fiery hot heart of the earth. Churning, swiping boiling lava, a volcano rises with unnatural speed from the ocean floor -- the source of a new mineral that promises clean, limitless nuclear power. It continues in hot spots around the globe: Hawaii, where a secessionist movement is about to turn violent and the American army may be asked to fire on U.S. citizens; Washington, D.C., where the subway system becomes the site of a running gun battle; the Far East, where disrupted diplomatic negotiations jeopardize world peace; a rogue Russian submarine, circling the infant volcano. Caught in the middle is Philip Mercer, a geologist and a one-time commando with shady contacts in all the right (or is it wrong?) places. When Mercer learns that the daughter of an old friend is being kept under armed guard in a local hospital, he vows to rescue her, not knowing that this is the first step in unraveling the fantastic secrets of Vulcan's Forge.

An extraordinarily accessible, illuminating chronicle of the great moments of scientific discovery in the 20th century, and an exploration into the minds of the remarkable men and women behind them. We know and read the literary masterpieces; how many of us have had the opportunity not only to read but understand the masterpieces of science that describe the very moment of discovery? The last century has been an explosion of creativity and insight that led to breakthroughs in every field of science: from the theory of relativity to the first quantum model of the atom to the mapping of the structure of DNA, these discoveries profoundly changed how we understand the world and our place in it. Alan Lightman tells the stories of two dozen breakthroughs made by such brilliant scientists as Einstein, Bohr, McClintock and Pauling, among others, drawing on his unique background as a scientist and novelist to reveal the process of scientific discovery at its greatest. He outlines the intellectual and emotional landscape of each discovery, portrays the personalities and human drama of the scientists involved, and explains the significance and impact of the work. Finally, he gives an unprecedented and exhilarating guided tour through each of the original papers.

When the sun blazes over the Earth, determined one and for all to stop the human menace from spreading across the galaxy, Earth stands alone. The Coalition of Planets has shattered, with Vulcan, Andor, and Tellar abrogating the treaty. Their pledge to come to the mutual defense of any power that is attacked has been shunted aside. Horrified by how easily the Romulans can seize control of their advanced starships, turning them into weapons, Andor and Tellar have joined Vulcan on the sidelines. Humanity is now the only thing that stands between the Romulan Star Empire and total domination of the galaxy. To drive humans from the stars, the Romulans employ ruthless and murderous tactics...and even dare to strike on the Vulcan homeworld with the hopes of demoralizing their Vulcan brethren. Heartened by their victories, the Romulans carry their all-out war assault closer to the heart of humanity—Earth. But the tattered remains of Starfleet stand unwavering, with the resolution that never again would any enemy strike ever reach Earth. On the front lines of the Earth-Romulan War is the United Earth flagship, the Starship Enterprise. Her captain, Jonathan Archer, has seen his vessel of exploration become a battleship. Once hailed for his work bringing the Coalition of Planets into existence, Archer is now a pariah. Undaunted, the captain keeps fighting, searching for allies and determined to do his duty: to save Earth and for a new federation of planets.

In *The Accidental Universe*, physicist and novelist Alan Lightman explores the emotional and philosophical questions raised by discoveries in science, focusing most intently on the human condition and the needs of humankind. Here, in a collection of exhilarating essays, Lightman shows us our own universe from a series of fascinating and diverse perspectives. He takes on the difficult dialogue between science and religion; the conflict between our human desire for permanence and the impermanence of nature; the possibility that our universe is simply an accident; the manner in which modern technology has divorced us from enjoying a direct experience of the world; and our resistance to the view that our bodies and minds can be explained by scientific logic and laws alone. With his customary passion, precision, lyricism and imagination, in *The Accidental Universe* Alan Lightman leaves us with the suggestion - hearty and humbling - that what we see and understand of the world and ourselves is only a tiny piece of the extraordinary, perhaps unfathomable whole. Praise for Alan Lightman: "...a gem of a novel that is strange witty erudite and alive with Lightman's playful genius." Junot Diaz "It would not seem possible for Alan Lightman to match his earlier tour de force, Einstein's Dreams, but in *Mr g* he has done so - with wit, imagination, and transcendent beauty." Anita Desai.

Gideon's Sword

Measure for Measure

The Hunt for Vulcan

Cravly's Century

How particle physics unlocks the secrets of everything

A Novel

***In this imaginative investigation of the links between science and art, Levenson explores how we have come to understand and experience the natural world through instruments both scientific and musical. As he traces the development of the organ, the microscope, Stradivarius's miraculous violins and cellos, and computers, Levenson reveals why science itself is an art. 48 b&w line drawings.***

***The thrilling final instalment in Amy Award's magical POTION DIARIES series: 'THIS SERIES IS MAGICAL' - Zoe Sugg aka Zoella 'INVENTIVE, ROMANTIC AND DOWNRIGHT DELIGHTFUL' - Sarah J. Maas, bestselling author of Throne of Glass After finding her great-grandmother's potion diary, escaping the clutches of Emilia Thoth, saving her grandfather's memories AND helping a Master Alchemist, surely it's time for Sam Kmit to have a good, long rest? And maybe, just maybe, a proper date with her boyfriend Zain? But now that Princess Evelyn is married to the sinister Prince Stefan and showing symptoms of the Congo illness, it looks as though Sam's adventures are just beginning. The GOOD news: there might be a cure for the virus spreading like wildfire through the city. The BAD news: It's buried in a remote village in a far-flung country next to an active volcano - and Sam's not the only one after it. With a TV crew trailing Sam's every move and time fast running out, it looks like things are about to... GO VIRAL!***

***The Adeptus Astartes carry the battle to the orks' home world, led by a mighty armoured warrior of legend. Tearing itself apart from within, the Imperium is still vitually crippled to resist the ork advance. When the Adeptus Mechanicus reveal they have discovered the orks' point of origin, the Adeptus Astartes start to gather their forces for a massive assault on their enemy's home world. But what the Imperial forces need is a figurehead, a hero from legend to lead them - a primarch. Meanwhile, on the planet Caldera, a mighty armoured warrior fights tirelessly against the orks - is he the saviour the Imperium seeks?***

***From the author of The Tunnel comes a new collection of essays, his first in eight years, on art, writing, nature and culture. This book is by one of the most important and brilliant thinkers of our work today.***

Reinventing Gravity

Great Thinkers in 20th-Century Science

A Physicist Goes Beyond Einstein

The Hunt for Vulkan

The World You Thought You Knew

The Planet that Wasn't

In this wide-ranging exploration of the role of forests in Western thought, Robert Pogue Harrison enriches our understanding not only of the forest's place in the cultural imagination of the West, but also of the ecological dilemmas that now confront us so urgently. Consistently insightful and beautifully written, this work is especially compelling at a time when the forest, as a source of wonder, respect, and meaning, disappears daily from the earth. "Forests is one of the most remarkable essays on the human place in nature I have ever read, and belongs on the small shelf that includes Raymond Williams' masterpiece, *The Country and the City*. Elegantly conceived, beautifully written, and powerfully argued, [Forests] is a model of scholarship at its passionate best. No one who cares about cultural history or the human place in nature, or about the future of our earthly home, should miss it."—William Cronon, *Yale Review* "Forests is, among other things, a work of scholarship, and one of immense value . . . one that we have needed. It can be read and reread, added to and commented on for some time to come."—John Haines, *The New York Times Book Review* The solar system most of us grew up with included nine planets, with Mercury closest to the sun and Pluto at the outer edge. Then, in 2005, astronomer Mike Brown made the discovery of a lifetime: a tenth planet, Eris, slightly bigger than Pluto. But instead of adding one more planet to our solar system, Brown's find ignited a firestorm of controversy that culminated in the demotion of Pluto from real planet to the newly coined category of "dwarf" planet. Suddenly Brown was receiving hate mail from schoolchildren and being bombarded by TV reporters—all because of the discovery he had spent years searching for and a lifetime dreaming about. A heartfelt and personal journey filled with both humor and drama, *How I Killed Pluto and Why It Had It Coming* is the book for anyone, young or old, who has ever imagined exploring the universe—and who among us hasn't?

Acclaimed by Einstein himself, this is among the clearest, most readable expositions of relativity theory. It explains the problems Einstein faced, the experiments that led to his theories, and what his findings reveal about the forces that govern the universe. 1957 edition.

In this brilliant exploration of our cosmic environment, the renowned particle physicist and New York Times bestselling author of *Warped Passages* and *Knocking on Heaven's Door* uses her research into dark matter to illuminate the startling connections between the furthest reaches of space and life here on Earth. Sixty-six million years ago, an object the size of a city descended from space to crash into Earth, creating a devastating cataclysm that killed off the dinosaurs, along with three-quarters of the other species on the planet. What was its origin? In *Dark Matter* and the Dinosaurs, Lisa Randall proposes it was a comet that was dislodged from its orbit as the Solar System passed through a disk of dark matter embedded in the Milky Way. In a sense, it might have been dark matter that killed the dinosaurs. Working through the background and consequences of this proposal, Randall shares with us the latest findings—established and speculative—regarding the nature and role of dark matter and the origin of the Universe, our galaxy, our Solar System, and life, along with the process by which scientists explore new concepts. In *Dark Matter* and the Dinosaurs, Randall tells a breathtaking story that weaves together the cosmos' history and our own, illuminating the deep relationships that are critical to our world and the astonishing beauty inherent in the most familiar things.

Why Trust Science?

Vulcan 607

Einstein in Berlin

. . . And How Albert Einstein Destroyed a Planet, Discovered Relativity, and Deciphered the Universe

High Culture Fever

The Discoveries

***Take another look at your favorite myths and legends in this hilarious new graphic novel by Mike Cavallaro! Got a problem? At Vulcan's Celestial Supply Shop, you can find the magical merchandise to set things right. The seasoned staff—a kid named Nico Bravo, a sphinx named Lula, and a unicorn named Buck—pride themselves on providing "legendary service and expertise in all areas of the arcane." But Nico's world is about to be turned upside down, and it's all thanks his latest customer: Eowulf, the pint-size descendant of the monster slayer Beowulf. Determined to carry on the family business, this would-be warrior plans to slay Cerberus, the terrifying, three-headed hound of Hades. There's just one problem—Cerberus is the only thing preventing the hordes of the Underworld from entering the land of the living. Can Nico stop Eowulf from unleashing a zombie apocalypse?***

***A unique and compelling portrait of William F. Buckley as the champion of conservative ideas in an age of liberal dominance, taking on the smartest adversaries he could find while singlehandedly reinventing the role of public intellectual in the network television era.***

***When Firing Line premiered on American television in 1966, just two years after Barry Goldwater's devastating defeat, liberalism was ascendant. Though the left seemed to have decisively won the hearts and minds of the electorate, the show's creator and host, William F. Buckley—relishing his role as a public contrarian—made the case for conservative ideas, believing that his side would ultimately win because its arguments were better. As the founder of the right's flagship journal, *National Review*, Buckley spoke to likeminded readers.***

***With Firing Line, he reached beyond conservative enclaves, engaging millions of Americans across the political spectrum. Each week on Firing Line, Buckley and his guests—the cream of America's intellectual class, such as Tom Wolfe, Noam Chomsky, Norman Mailer, Henry Kissinger, and Milton Friedman—debated the urgent issues of the day, bringing politics, culture, and economics into American living rooms as never before. Buckley himself was an exemplary host; he never appealed to emotion and prejudice; he engaged his guests with a unique and entertaining combination of principle, wit, fact, a truly fearsome vocabulary, and genuine affection for his adversaries. Drawing on archival material, interviews, and transcripts, *Open to Debate* provides a richly detailed portrait of this widely respected ideological warrior, showing him in action as never before. Much more than just the story of a television show, *Hendershot's* book provides a history of American public intellectual life from the 1960s through the 1980s—one of the most contentious eras in our history—and shows how Buckley led the way in drawing America to conservatism during those years.***

***The inside story of the epic quest to solve the mystery of dark matter The ordinary atoms that make up the known universe—from our bodies and the air we breathe to the planets and stars—constitute only 5 percent of all matter and energy in the cosmos. The rest is known as dark matter and dark energy, because their precise identities are unknown. The Cosmic Cocktail is the inside story of the epic quest to solve one of the most compelling enigmas of modern science—what is the universe made of?—told by one of today's foremost pioneers in the study of dark matter. Blending cutting-edge science with her own behind-the-scenes insights as a leading researcher in the field, acclaimed theoretical physicist Katherine Freese recounts the hunt for dark matter, from the discoveries of visionary scientists like Fritz Zwicky—the Swiss astronomer who coined the term "dark matter" in 1933—to the deluge of data today from underground laboratories, satellites in space, and the Large Hadron Collider. Theorists contend that dark matter consists of fundamental particles known as WIMPs, or weakly interacting massive particles. Billions of them pass through our bodies every second without us even realizing it, yet their gravitational pull is capable of whirling stars and gas at breakneck speeds around the centers of galaxies, and bending light from distant bright objects. Freese describes the larger-than-life characters and clashing personalities behind the race to identify these elusive particles. Many cosmologists believe we are on the verge of solving the mystery. The Cosmic Cocktail provides the foundation needed to fully fathom this epochal moment in humankind's quest to understand the universe.***

***Already famous throughout Europe for his theories of planetary motion and gravity, Isaac Newton decided to take on the job of running the Royal Mint. And there, Newton became drawn into a battle with William Chaloner, the most skillful of counterfeitters, a man who not only got away with faking His Majesty's coins (a crime that the law equated with treason), but was trying to take over the Mint itself. But Chaloner had no idea who he was taking on. Newton pursued his enemy with the cold, implacable logic that he brought to his scientific research. Set against the backdrop of early eighteenth-century London with its sewers running down the middle of the streets, its fetid rivers, its packed houses, smoke and fog, its industries and its great port, this dark tale of obsession and revenge transforms our image of Britain's greatest scientist.***

***The Unsettling Stars***

***A Book of Myths***

***The Astounding Interconnectedness of the Universe***

***The Romulan War: To Brave the Storm***

***Why the Universe Exists***

***Beyond the Big Bang***

***Love and tragedy dominate book four of Virgil's most powerful work, building on the violent emotions invoked by the storms, battles, warring gods, and monster-plagued wanderings of the epic's opening. Destined to be the founder of Roman culture, Aeneas, nudged by the gods, decides to leave his beloved Dido, causing her suicide in pursuit of his historical destiny. A dark plot, in which erotic passion culminates in sex, and sex leads to tragedy and death in the human realm, unfolds within the larger horizon of a supernatural sphere, dominated by power-conscious divinities. Dido is Aeneas' most significant other, and in their encounter Virgil explores timeless themes of love and loyalty, fate and fortune, the justice of the gods, imperial ambition and its victims, and ethnic differences. This course book offers a portion of the original Latin text, study questions, a commentary, and interpretative essays. Designed to stretch and stimulate readers, Iigo Goldenhard's incisive commentary will be of particular interest to students of Latin at both A2 and undergraduate level. It extends beyond detailed linguistic analysis to encourage critical engagement with Virgil's poetry and discussion of the most recent scholarly thought.***

***The Hunt for Vulcan. . . And How Albert Einstein Destroyed a Planet, Discovered Relativity, and Deciphered the Universe****Random House Trade Paperbacks*

***In the first novel in the #1 New York Times bestselling *Operation Files* series, Chairman Juan Cabrillo and his crew are hired by the US government to free Tibet from Chinese control... The Corporation, a group of highly intelligent and skilled mercenaries, under the leadership of Juan Cabrillo, board a brand new ship. It's a state-of-the-art seagoing marvel with unthinkable technology at its disposal. And it's designed to look like a rusty old lumber hauler. But if Cabrillo and his team plan to make this spy ship their new headquarters, their first mission had better be a success. With the secret backing of the US government, Cabrillo sets out to put Tibet back in the hands of the Dalai Lama by striking a deal with the Russians and the Chinese. His main negotiating chip is knowledge of a golden Buddha containing records of vast oil reserves in the disputed land. But first, he'll have to locate—and steal—the all-important artifact. And there are certain people who would do anything in their power to see him fail...***

***In 1999, the Reverend Jerry Falwell outed Tinky-Winky, the purple character from TV's Teletubbies. Events such as this reinforced in many quarters the common idea that evangelicals are reactionary, out of touch, and just plain paranoid. But reducing evangelicals to such caricatures does not help us understand their true spiritual and political agendas and the means they use to advance them. Shaking the World for Jesus moves beyond sensationalism to consider how the evangelical movement has effectively targeted Americans—as both converts and consumers—since the 1970s. Thousands of products promoting the Christian faith are sold to millions of consumers each year through the Web, mail order catalogs, and even national chains such as Kmart and Wal-Mart. Heather Hendershot explores in this book the vast industry of film, video, magazines, and kitsch that evangelicals use to spread their message. Focusing on the center of conservative evangelical culture—the white, middle-class Americans who can afford to buy "Christian lifestyle" products—she examines the industrial history of evangelical media, the curious subtleties of the products themselves, and their success in the religious and secular marketplace. To garner a wider audience, Hendershot argues, evangelicals have had to carefully tailor their message. But in so doing, they have painted themselves into a corner. In the postwar years, evangelical media wore the message of salvation on its sleeve, but as the evangelical media industry has grown, many of its most popular products have been those with heavily diluted Christian messages. In the eyes of many followers, the evangelicals who purvey such products are sellouts—hucksters more interested in making money than spreading the word of God. Working to understand evangelicism rather than pass judgment on it, *Shaking the World for Jesus* offers a penetrating glimpse into a thriving religious phenomenon.***

***How I Killed Pluto and Why It Had It Coming***

***Cosmic Cocktail***

***Star Trek: The Original Series: Rihansuu #3: Swordthrust***

***From Einstein's Eclipse to Images of Black Holes***

***Nico Bravo and the Hound of Hades***

***Politics, Aesthetics, and Ideology in Deng's China***

***An original novel based on the thrilling Star Trek movies directed by J.J. Abrams! Taking place in an alternate timeline created when the Starship Kelvin was destroyed by a Romulan invader from the future, this bold new novel follows Captain James T. Kirk and an inexperienced crew commandeering a repaired U.S.S. Enterprise out of spacedock for a simple shakedown cruise. When a distress call comes in, the Enterprise must aid a large colony ship of alien refugees known as the Perenorean, who are under siege by an unknown enemy. But Kirk and his crew will find that the situation with the peaceful Perenorean is far more complicated than they bargained for, and the answers as to why they were attacked in the first place unfold in the most insidious of ways...***

***In a book that is both biography and the most exciting form of history, here are eighteen years in the life of a man, Albert Einstein, and a city, Berlin, that were in many ways the defining years of the twentieth century. Einstein in Berlin In the spring of 1913 two of the giants of modern science traveled to Zurich. Their mission: to offer the most prestigious position in the very center of European scientific life to a man who had just six years before been a mere patent clerk. Albert Einstein accepted, arriving in Berlin in March 1914 to take up his new post. In December 1932 he left Berlin forever. "Take a good look," he said to his wife as they walked away from their house. "You will never see it again." In between, Einstein's Berlin years capture in microcosm the odyssey of the twentieth century. It is a century that opens with extravagant hopes—and climaxes in unparalleled calamity. These are tumultuous times, seen through the life of one man who is at once witness to and architect of his day—and ours. He is present at the events that will shape the journey from the commencement of the Great War to the rumblings of the next one. We begin with the eminent scientist, already widely recognized for his special theory of relativity. His personal life is in turmoil, with his marriage collapsing, an affair under way. Within two years of his arrival in Berlin he makes one of the landmark discoveries of all time: a new theory of gravity—and before long is transformed into the first international pop star of science. He flourishes during a war he hates, and serves as an instrument of reconciliation in the early months of the peace; he becomes first a symbol of the hope of reason, then a focus for the rage and madness of the right. And throughout these years Berlin is an equal character, with its astonishing eruption of revolutionary pathways in art and architecture, in music, theater, and literature. Its wild street life and sexual excesses are notorious. But with the debacle of the depression and Hitler's growing power, Berlin will be transformed, until by the end of 1932 it is no longer a safe home for Einstein. Once a hero, now vilified not only as the perpetrator of "Jewish physics" but as the preeminent symbol of all that the Nazis loathe, he knows it is time to leave.***

***Why the social character of scientific knowledge makes it trustworthy Are doctors right when they tell us vaccines are safe? Should we take climate experts at their word when they warn us about the perils of global warming? Why should we trust science when so many of our political leaders don't? Naomi Oreskes offers a bold and compelling defense of science, revealing why the social character of scientific knowledge is its greatest strength—and the greatest reason we can trust it. Tracing the history and philosophy of science from the late nineteenth century to today, this timely and provocative book features a new preface by Oreskes and critical responses by climate experts Ottmar Edenhofer and Martin Kowarsch, political scientist Jon Krosnick, philosopher of science Marc Lange, and science historian Susan Linde, as well as a foreword by political theorist Stephen Macedo.***

***The captivating, all-but-forgotten story of Isaac Newton, Albert Einstein, and the search for a planet that never existed For more than fifty years, the world's top scientists searched for the "missing" planet Vulcan, whose existence was mandated by Isaac Newton's theories of gravity. Countless hours were spent on the hunt for the elusive orb, and some of the era's most skilled astronomers even claimed to have found it. There was just one problem: It was never there. In *The Hunt for Vulcan*, Thomas Levenson follows the visionary scientists who inhabit the story of the phantom planet, starting with Isaac Newton, who in 1687 provided an explanation for all matter in motion throughout the universe, leading to Urban-Jean-Joseph Le Verrier, who almost two centuries later built on Newton's theories and discovered Neptune, becoming the most famous scientist in the world. Le Verrier attempted to surpass that triumph by predicting the existence of yet another planet in our solar system, Vulcan. It took Albert Einstein to discern that the mystery of the missing planet was a problem not of measurements or math but of Newton's theory of gravity itself. Einstein's general theory of relativity proved that Vulcan did not and could not exist, and that the search for it had merely been a quirk of operating under the wrong set of assumptions about the universe. Levenson tells the previously untold tale of how the "discovery" of Vulcan in the nineteenth century set the stage for Einstein's monumental breakthrough, the greatest individual intellectual achievement of the twentieth century. A dramatic human story of an epic quest, *The Hunt for Vulcan* offers insight into how science really advances (as opposed to the way we're taught about it in school) and how the best work of the greatest scientists reveals an artist's sensibility. Opening a new window onto our world, Levenson illuminates some of our most iconic ideas as he recounts one of the strangest episodes in the history of science. Praise for *The Hunt for Vulcan* "Delightful. . . a charming tale about an all-but-forgotten episode in science history."—*The Wall Street Journal* "Engaging. . . . At heart, this is a story about how science advances, one insight at a time. But the immediacy, almost romance, of Levenson's writing makes it almost novelistic."—*The Washington Post* "A well-structured, fast-paced example of exemplary science writing."—*Kirkus Reviews* (starred review)***

***Three Parts Dark Matter***

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***The Shadow of Civilization***

***Ron Cowen offers a sweeping account of the century of experimentation that has consistently confirmed Einstein's general theory of relativity. He shows how we got from Eddington's pivotal observations of the 1919 eclipse to the Event Horizon Telescope, aimed at starlight wrapping around the black hole at our galaxy's center.***

***As you read this, billions of neutrinos from the sun are passing through your body, antimatter is sprouting from your dinner and the core of your being is a chaotic mess of particles known only as quarks and gluons. If the recent discovery of the Higgs boson piqued your interest, then Why The Universe Exists will take you deeper into the world of particle physics, with leading physicists and New Scientist exploring how the universe functions at the smallest scales. Find out about hunt for dark matter and why there is something rather than nothing. Discover how accelerators such as the Large Hadron Collider in Switzerland are rewinding time to the first moments after the big bang, and how ghostly neutrino particles may hold the answers to the greatest mysteries of the universe. ABOUT THE SERIES New Scientist Instant Expert books are definitive and accessible entry points to the most important subjects in science; subjects that challenge, attract debate, invite controversy and engage the most enquiring minds. Designed for curious readers who want to know how things work and why, the Instant Expert series explores the topics that really matter and their impact on individuals, society, and the planet, translating the scientific complexities around us into language that's open to everyone, and putting new ideas and discoveries into perspective and context.***

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