

The Dragons Of Eden Speculations On The Evolution Of Human Intelligence

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Comet - Carl Sagan 2011-07-06

What are these graceful visitors to our skies? We now know that they bring both life and death and teach us about our origins. Comet begins with a breathtaking journey through space astride a comet. Pulitzer Prize-winning astronomer Carl Sagan, author of *Cosmos* and *Contact*, and writer Ann Druyan explore the origin, nature, and future of comets, and the exotic myths and portents attached to them. The authors show how comets have spurred some of the great discoveries in the history of science and raise intriguing questions about these brilliant visitors from the interstellar dark. Were the fates of the dinosaurs and the origins of humans tied to the wanderings of a comet? Are comets the building blocks from which worlds are formed? Lavishly illustrated with photographs and specially commissioned full-color paintings, *Comet* is an enthralling adventure, indispensable for anyone who has ever gazed up at the heavens and wondered why. Praise for *Comet* "Simply the best." —The Times of London "Fascinating, evocative, inspiring." —The Washington Post "Comet humanizes science. A beautiful, interesting book." —United Press International "Masterful . . . science, poetry, and imagination." —The Atlanta Journal & Constitution

Broca's Brain - Carl Sagan 2011-07-06

A fascinating book on the joys of discovering how the world works, by the Pulitzer Prize-winning author of *Cosmos* and *Shadows of Forgotten Ancestors*. "Magnificent . . . Delightful . . . A masterpiece. A message of tremendous hope for humanity . . . While ever conscious that human folly can terminate man's march into the future, Sagan nonetheless paints for us a mind-boggling future: intelligent robots, the discovery of extraterrestrial life and its consequences, and above all the challenge and pursuit of the mystery of the universe."—Chicago Tribune "Go out and buy this book, because Carl Sagan is not only one of the world's most respected scientists, he's a great writer. . . . I can give a book no greater accolade than to say I'm planning on reading it again. And again. And again."—The Miami Herald "The brilliant astronomer . . . is persuasive, provocative and readable."—United Press International "Closely reasoned, impeccably researched, gently humorous, utterly devastating."—The Washington Post

Dragons of Eden - Carl Sagan 1986-12-12

"A history of the human brain from the big bang, fifteen billion years ago, to the day before yesterday . . . It's a delight."—The New York Times Dr. Carl Sagan takes us on a great reading adventure, offering his vivid and startling insight into the brain of man and beast, the origin of human intelligence, the function of our most haunting legends—and their amazing links to recent discoveries. "How can I persuade every intelligent person to read this important and elegant book? . . . He talks about all kinds of things: the why of the pain of human childbirth . . . the reason for sleeping and dreaming . . . chimpanzees taught to communicate in deaf and dumb language . . . the definition of death . . . cloning . . . computers . . . intelligent life on other planets. . . . Fascinating . . . delightful."—The Boston Globe "In some lost Eden where dragons ruled, the foundations of our intelligence were laid. . . . Carl Sagan takes us on a guided tour of that lost land. . . . Fascinating . . . entertaining . . . masterful."—St. Louis Post-Dispatch

Oracles of Science - Karl Giberson 2009-02-27

Oracles of Science examines the popular writings of the six scientists who have been the most influential in shaping our perception of science, how it works, and how it relates to other fields of human endeavor, especially religion. Biologists Stephen Jay Gould, Richard Dawkins, and Edward O. Wilson, and physicists Carl Sagan, Stephen Hawking, and Steven Weinberg, have become public intellectuals, articulating a much larger vision for science and what role it should play in the modern worldview. The scientific prestige and literary eloquence of each of these

great thinkers combine to transform them into what can only be called oracles of science. Their controversial, often personal, sometimes idiosyncratic opinions become widely known and perceived by many to be authoritative. Curiously, the leading 'oracles of science' are predominantly secular in ways that don't reflect the distribution of religious beliefs within the scientific community. Many of them are even hostile to religion, creating a false impression that science as a whole is incompatible with religion. Karl Giberson and Mariano Artigas offer an informed analysis of the views of these six scientists, carefully distinguishing science from philosophy and religion in the writings of the oracles. This book will be welcomed by many who are disturbed by the tone of the public discourse on the relationship between science and religion and will challenge others to reexamine their own preconceptions about this crucial topic.

Snafu Fubar - Bob Dixon 2016-09-20

*****WARNING***** If you are easily offended, then this is NOT the book for you. Please put it down and back away slowly. However, if you have a warped sense of humor, please read on. In the town of Lost Hope, Florida reside two heroes unlike any others. These champions of justice go by the names of Snafu Fubar and General Nuisance. Nightly they patrol their fine city to protect it from evil's grasp. And by 'patrol' we mean they sit on a porch, appropriately nicknamed 'The Fucking Nuisance Cave', drinking beers, smoking cigars, and talking about sex.

Billions & Billions - Carl Sagan 2011-07-06

NEW YORK TIMES BESTSELLER • In the final book of his astonishing career, Carl Sagan brilliantly examines the burning questions of our lives, our world, and the universe around us. These luminous, entertaining essays travel both the vastness of the cosmos and the intimacy of the human mind, posing such fascinating questions as how did the universe originate and how will it end, and how can we meld science and compassion to meet the challenges of the coming century? Here, too, is a rare, private glimpse of Sagan's thoughts about love, death, and God as he struggled with fatal disease. Ever forward-looking and vibrant with the sparkle of his unquenchable curiosity, *Billions & Billions* is a testament to one of the great scientific minds of our day. Praise for *Billions & Billions* "[Sagan's] writing brims with optimism, clarity and compassion."—Ft. Lauderdale Sun-Sentinel "Sagan used the spotlight of his fame to illuminate the abyss into which stupidity, greed, and the lust for power may yet dump us. All of those interests and causes are handsomely represented in *Billions & Billions*."—The Washington Post Book World "Astronomer Carl Sagan didn't live to see the millennium, but he probably has done more than any other popular scientist to prepare us for its arrival."—Atlanta Journal & Constitution "*Billions & Billions* can be interpreted as the Silent Spring for the current generation. . . . Human history includes a number of leaders with great minds who gave us theories about our universe and origins that ran contrary to religious dogma. Galileo determined that the Earth revolved around the Sun, not the other way around. Darwin challenged Creationism with his *Evolution of Species*. And now, Sagan has given the world its latest challenge: *Billions & Billions*."—San Antonio Express-News "[Sagan's] inspiration and boundless curiosity live on in the gift of his work."—Seattle Times & Post-Intelligencer "Couldn't stay awake in your high school science classes? This book can help fill in the holes. Acclaimed scientist Carl Sagan combines his logic and knowledge with wit and humor to make a potentially dry subject enjoyable to read."—The Dallas Morning News

The Demon-Haunted World - Carl Sagan 1997-02-25

A prescient warning of a future we now inhabit, where fake news stories and Internet conspiracy theories play to a disaffected American populace "A glorious book . . . A spirited defense of science . . . From the first page

to the last, this book is a manifesto for clear thought.”—Los Angeles Times How can we make intelligent decisions about our increasingly technology-driven lives if we don’t understand the difference between the myths of pseudoscience and the testable hypotheses of science? Pulitzer Prize-winning author and distinguished astronomer Carl Sagan argues that scientific thinking is critical not only to the pursuit of truth but to the very well-being of our democratic institutions. Casting a wide net through history and culture, Sagan examines and authoritatively debunks such celebrated fallacies of the past as witchcraft, faith healing, demons, and UFOs. And yet, disturbingly, in today’s so-called information age, pseudoscience is burgeoning with stories of alien abduction, channeling past lives, and communal hallucinations commanding growing attention and respect. As Sagan demonstrates with lucid eloquence, the siren song of unreason is not just a cultural wrong turn but a dangerous plunge into darkness that threatens our most basic freedoms. Praise for *The Demon-Haunted World* “Powerful . . . A stirring defense of informed rationality. . . Rich in surprising information and beautiful writing.”—The Washington Post Book World

“Compelling.”—USA Today “A clear vision of what good science means and why it makes a difference. . . . A testimonial to the power of science and a warning of the dangers of unrestrained credulity.”—The Sciences “Passionate.”—San Francisco Examiner-Chronicle

Contact - Carl Sagan 2016-12-20

Pulitzer Prize-winning author and astronomer Carl Sagan imagines the greatest adventure of all—the discovery of an advanced civilization in the depths of space. In December of 1999, a multinational team journeys out to the stars, to the most awesome encounter in human history. Who—or what—is out there? In *Cosmos*, Carl Sagan explained the universe. In *Contact*, he predicts its future—and our own.

Carl Sagan - Keay Davidson 2000-09-14

A penetrating, mesmerizing biography of a scientific icon, now in paperback "Absolutely fascinating . . . Davidson has done a remarkable job."-Sir Arthur C. Clarke "Engaging . . . accessible, carefully documented . . . sophisticated."-Dr. David Hollinger for The New York Times Book Review "Entertaining . . . Davidson treats [the] nuances of Sagan's complex life with understanding and sympathy."-The Christian Science Monitor "Excellent . . . Davidson acts as a keen critic to Sagan's works and their vast uncertainties."-Scientific American "A fascinating book about an extraordinary man."-Johnny Carson "Davidson, an award-winning science writer, has written an absorbing portrait of this Pied Piper of planetary science. Davidson thoroughly explores Sagan's science, wrestles with his politics, and plumbs his personal passions with a telling instinct for the revealing underside of a life lived so publicly."-Los Angeles Times Carl Sagan was one of the most celebrated scientists of this century—the handsome and alluring visionary who inspired a generation to look to the heavens and beyond. His life was both an intellectual feast and an emotional rollercoaster. Based on interviews with Sagan's family and friends, including his widow, Ann Druyan; his first wife, acclaimed scientist Lynn Margulis; and his three sons, as well as exclusive access to many personal papers, this highly acclaimed life story offers remarkable insight into one of the most influential, provocative, and beloved figures of our time—a complex, contradictory prophet of the Space Age.

Alarms and Discursions - Gilbert Keith Chesterton 1910

Carl Sagan - William Poundstone 2000-10-01

In this compelling life of Carl Sagan, award-winning science writer William Poundstone details the transformation of a bookish young astronomer obsessed with life on other worlds into science's first authentic media superstar. The instantly recognizable Sagan, a fixture on television and a bestselling author, offered the layperson entry into the mysteries of the cosmos and of science in general. To much of the scientific community, however, he was a pariah, a brazen publicity seeker who cared more about his image and his fortune than the advancement of science. Poundstone reveals the seldom-discussed aspects of Sagan's life, the legitimate and important work of his early scientific career, the almost obsessive capacity to take on endless projects, and the multiple marriages and fractured personal life, in what *The New Yorker* called an "evenhanded guide" to a great man's career.

Intelligent Life in the Universe - I. S. Shklovskii 1998

Cosmos - Carl Sagan 2013-12-10

RETURNING TO TELEVISION AS AN ALL-NEW MINISERIES ON FOX *Cosmos* is one of the bestselling science books of all time. In clear-eyed prose, Sagan reveals a jewel-like blue world inhabited by a life form that

is just beginning to discover its own identity and to venture into the vast ocean of space. Featuring a new Introduction by Sagan's collaborator, Ann Druyan, full color illustrations, and a new Foreword by astrophysicist Neil deGrasse Tyson, *Cosmos* retraces the fourteen billion years of cosmic evolution that have transformed matter into consciousness, exploring such topics as the origin of life, the human brain, Egyptian hieroglyphics, spacecraft missions, the death of the Sun, the evolution of galaxies, and the forces and individuals who helped to shape modern science. Praise for *Cosmos* "Magnificent . . . With a lyrical literary style, and a range that touches almost all aspects of human knowledge, *Cosmos* often seems too good to be true."—The Plain Dealer "Sagan is an astronomer with one eye on the stars, another on history, and a third—his mind's—on the human condition."—Newsday "Brilliant in its scope and provocative in its suggestions . . . shimmers with a sense of wonder."—The Miami Herald "Sagan dazzles the mind with the miracle of our survival, framed by the stately galaxies of space."—Cosmopolitan "Enticing . . . iridescent . . . imaginatively illustrated."—The New York Times Book Review

Creating a Cash Cow in Kenya - Nat Robinson 2015-12-24

"What started as an eight-month assignment turned into a six-year adventure and the creation of a social business to help Kenya's farmers lift themselves out of poverty. The social business, Juhudi Kilimo, provides microloans to enable smallholder farmers to buy productive assets, such as cows, tools and so on. Since its foundation in 2009, Juhudi Kilimo has provided over 50,000 loans worth \$30 million and financed the purchase of 23,100 cows by some of Kenya's poorest farmers. In its six years Juhudi managed to rack up an impressive list of international investors The Rockefeller Foundation, The Ford Foundation, Acumen Fund, Soros Economic Development Fund, Grameen Foundation, Deutsche Bank and Kiva.org. The company also won a Charles Schwab Social Entrepreneur of the Year Award and part of CIO Magazine's top 100 list. The challenges faced by the company in its early years reveal a dark underbelly of investor greed, corruption and the deep multicultural misunderstandings that can lead to conflicts. The company was driven by a young entrepreneur from the US, who admits he had no idea what he was doing but learned along the way. The lessons he presents here can help guide those starting new ventures or trying to defy the odds with a new social business in East Africa. The business stories are intertwined with his adventures, racing camels, running from rhinos and much more."--Summary from Amazon.

Cosmos: Possible Worlds - Ann Druyan 2020-02-25

This sequel to Carl Sagan's blockbuster continues the electrifying journey through space and time, connecting with worlds billions of miles away and envisioning a future of science tempered with wisdom. Based on National Geographic's internationally-renowned television series, this groundbreaking and visually stunning book explores how science and civilization grew up together. From the emergence of life at deep-sea vents to solar-powered starships sailing through the galaxy, from the Big Bang to the intricacies of intelligence in many life forms, acclaimed author Ann Druyan documents where humanity has been and where it is going, using her unique gift of bringing complex scientific concepts to life. With evocative photographs and vivid illustrations, she recounts momentous discoveries, from the Voyager missions in which she and her husband, Carl Sagan, participated to Cassini-Huygens's recent insights into Saturn's moons. This breathtaking sequel to Sagan's masterpiece explains how we humans can glean a new understanding of consciousness here on Earth and out in the cosmos--again reminding us that our planet is a pale blue dot in an immense universe of possibility.

Well Hung - Lauren Blakely 2016-08-15

From New York Times Bestselling Author Lauren Blakely comes a HOT new standalone romance...Here's what you need to know about me -- I'm well-off, well-hung and quick with a joke. Women like a guy who makes them laugh. Even better if he's loyal and hard-working. That's me. Enter Natalie. Hot, sexy, smart, and my new assistant. Which makes her totally off limits...Hey, I'm a good guy. Really. I do my best to stay far away from the kind of temptation she brings to work. Until one night in Vegas...Yeah, you've heard this one before. Bad news on the business front, drowning our sorrows in a few too many Harvey Wallbangers, and then I'm banging her. In my hotel room. In her hotel room. Behind the Titanic slot machine at the Flamingo (don't ask). And before I can make her say "Oh God right there YES!" one more time, we're both saying yes--the big yes--at a roadside chapel in front of a guy in press-on sideburns and a shiny gold leisure suit. We'll just untie the knot in the morning, right?The trouble is . . . I don't know how to keep my hands off my soon-to-be ex-wife.

Alan Turing: The Enigma - Andrew Hodges 2014-11-10

A NEW YORK TIMES BESTSELLER The official book behind the Academy Award-winning film *The Imitation Game*, starring Benedict Cumberbatch and Keira Knightley It is only a slight exaggeration to say that the British mathematician Alan Turing (1912-1954) saved the Allies from the Nazis, invented the computer and artificial intelligence, and anticipated gay liberation by decades--all before his suicide at age forty-one. This New York Times--bestselling biography of the founder of computer science, with a new preface by the author that addresses Turing's royal pardon in 2013, is the definitive account of an extraordinary mind and life. Capturing both the inner and outer drama of Turing's life, Andrew Hodges tells how Turing's revolutionary idea of 1936--the concept of a universal machine--laid the foundation for the modern computer and how Turing brought the idea to practical realization in 1945 with his electronic design. The book also tells how this work was directly related to Turing's leading role in breaking the German Enigma ciphers during World War II, a scientific triumph that was critical to Allied victory in the Atlantic. At the same time, this is the tragic account of a man who, despite his wartime service, was eventually arrested, stripped of his security clearance, and forced to undergo a humiliating treatment program--all for trying to live honestly in a society that defined homosexuality as a crime. The inspiration for a major motion picture starring Benedict Cumberbatch and Keira Knightley, *Alan Turing: The Enigma* is a gripping story of mathematics, computers, cryptography, and homosexual persecution.

Relics of Eden - Daniel J. Fairbanks 2009-09-18

Since the publication in 1859 of Darwin's *Origin of Species*, debate over the theory of evolution has been continuous and often impassioned. In recent years, opponents of "Darwin's dangerous idea" have mounted history's most sophisticated and generously funded attack, claiming that evolution is "a theory in crisis." Ironically, these claims are being made at a time when the explosion of information from genome projects has revealed the most compelling and overwhelming evidence of evolution ever discovered. Much of the latest evidence of human evolution comes not from our genes, but from so-called "junk DNA," leftover relics of our evolutionary history that make up the vast majority of our DNA. *Relics of Eden* explores this powerful DNA-based evidence of human evolution. The "relics" are the millions of functionally useless but scientifically informative remnants of our evolutionary ancestry trapped in the DNA of every person on the planet. For example, the analysis of the chimpanzee and Rhesus monkey genomes shows indisputable evidence of the human evolutionary relationship with other primates. Over 95 percent of our genome is identical with that of chimpanzees and we also have a good deal in common with other animal species. Author Daniel J. Fairbanks also discusses what DNA analysis reveals about where humans originated. The diversity of DNA sequences repeatedly confirms the archeological evidence that humans originated in sub-Saharan Africa (the "Eden" of the title) and from there migrated through the Middle East and Asia to Europe, Australia, and the Americas. In conclusion, Fairbanks confronts the supposed dichotomy between evolution and religion, arguing that both science and religion are complementary ways to seek truth. He appeals to the vast majority of Americans who hold religious convictions not to be fooled by the pseudoscience of Creationists and Intelligent Design advocates and to abandon the false dichotomy between religion and real science. This concise, very readable presentation of recent genetic research is completely accessible to the nonspecialist and makes for enlightening and fascinating reading.

Dragons of Eden - Carl Sagan 2012-09-26

"A history of the human brain from the big bang, fifteen billion years ago, to the day before yesterday . . . It's a delight."—The New York Times Dr. Carl Sagan takes us on a great reading adventure, offering his vivid and startling insight into the brain of man and beast, the origin of human intelligence, the function of our most haunting legends—and their amazing links to recent discoveries. "How can I persuade every intelligent person to read this important and elegant book? . . . He talks about all kinds of things: the why of the pain of human childbirth . . . the reason for sleeping and dreaming . . . chimpanzees taught to communicate in deaf and dumb language . . . the definition of death . . . cloning . . . computers . . . intelligent life on other planets. . . . Fascinating . . . delightful."—The Boston Globe "In some lost Eden where dragons ruled, the foundations of our intelligence were laid. . . . Carl Sagan takes us on a guided tour of that lost land. . . . Fascinating . . . entertaining . . . masterful."—St. Louis Post-Dispatch

Up from Dragons - John Robert Skoyles 2002

Taking its cue from "The Dragons of Eden," Carl Sagan's 1977

bestselling classic, "Up from Dragons" traces the development of human intelligence back to its animal roots in an attempt to account for the vast differences between our species and all those that came before us.

Michael Faraday - Charles Ludwig 1978-01-01

Charles Ludwig retells Michael Faraday's remarkable life story in fictionalized form. Here is the father of the electric motor, the dynamo, the transformer, the generator. Few persons are aware of the brilliant man's deep Christian convictions and his determination to live by the Sermon on the Mount. For ages 12 to 15.

Floating in Darkness - Ron Garan 2021-05-04

Astronaut Ron Garan shares incredible insights garnered from his life of exploration to build a positive future for all humanity. Humanity, along with all life on Earth, faces a crisis that threatens our very survival; resolving it will require a giant evolutionary leap in our consciousness. In *Floating in Darkness: A Journey of Evolution*, Ron Garan sees the crisis coming while on an extraordinary journey through war and peace, conflict and love -- through literal outer space and inner space. Ron shows us how to find purpose and make sense out of our divisive culture, how to become a "white blood cell" in a growing immune response to heal our world. In *Floating in Darkness*, he shows us how to build a restorative and positive future for all.

The Complete Married With Children Book: TV's Dysfunctional Family Phenomenon - Denise Noe 2017-08-13

Married . . . with Children premiered on Fox TV in 1987 and updated the Don Ameche and Frances Langford radio comedy series, *The Bickersons*, and Jackie Gleason's TV classic, *The Honeymooners*, with a raunchy, cutting-edge slant that focused on a lovable yet laughable family headed by endearingly flawed Al (Ed O'Neill), his housework-hating wife, sexy daughter, and randy son. For 11 seasons, the brilliant team of talent put the funk in dysfunctional. Rediscover the exhilarating humor and intellectual excitement in Denise Noe's first book. She delves behind-the-scenes with Michael Moye, Ron Leavitt, Ed O'Neill, Katey Sagal, Christina Applegate, David Faustino, David Garrison, Amanda Bearse, E. E. Bell, and Ritch Shydner. You'll be fascinated by the story of how two rogue writers created a deliberately off-the-wall program; how it almost got derailed before production began; how a controversy could have plucked the series off the air but ended up injecting a much needed shot in the arm; how a reality-based show occasionally—and courageously—ventured into comedy with a fantasy, horror, and/or science fiction spin. Order your copy of the collectible First Edition today. Illustrated. Bibliography. Appendix featuring episode synopses.

Organic Matter and the Moon - Carl Sagan 1961

Your Brain Is God - Timothy Leary 2001-06-15

This collection of essays, written by the poster boy of 1960s counterculture, describes the psychological journey Timothy Leary made in the years following his dismissal from Harvard, as his psychedelic research moved from the scientific to the religious arena. He discusses the nature of religious experience and eight crafts of God, including God as hedonic artist. Leary also examines the Tibetan, Buddhist, and Taoist experiences. In the final chapters, he explores man as god and LSD as sacrament.

How to Count to Infinity - Marcus du Sautoy 2017-09-21

Do something amazing and learn a new skill thanks to the Little Ways to Live a Big Life books! Birds do it, bees do it, even educated fleas do it... Not falling in love, but counting. Animals and humans have been using numbers to navigate their way through the jungle of life ever since we all evolved on this planet. But this book will help you to do something that humans have only recently understood how to do: to count to regions that no animal has ever reached. By the end of this book you'll be able to count to infinity...and beyond. On our way to infinity we'll discover how the ancient Babylonians used their bodies to count to 60 (which gave us 60 minutes in the hour), how the number zero was only discovered in the 7th century by Indian mathematicians contemplating the void, why in China going into the red meant your numbers had gone negative and why numbers might be our best language for communicating with alien life. But for millennia contemplating infinity has sent even the greatest minds into a spin. Then at the end of the nineteenth century mathematicians discovered a way to think about infinity that revealed that it is a number that we can count. Not only that. They found that there are an infinite number of infinities, some bigger than others. Just using the finite neurons in your brain and the finite pages in this book, you'll have your mind blown discovering the secret of how to count to infinity.

About Time - P. C. W. Davies 1996-04-09

Examines the ramifications of Einstein's relativity theory, exploring the mysteries of time and considering black holes, time travel, the existence of God, and the nature of the universe

Visual Learning, Thinking, and Communication - Iowa Measurement Research Foundation 1978

The Cold and the Dark - Paul R. Ehrlich 1984

Universal - Brian Cox 2017-03-28

An awe-inspiring, unforgettable journey of scientific exploration from Brian Cox and Jeff Forshaw, the international bestselling authors of *Why Does E=MC²?* and *The Quantum Universe*, with 55 black-&-white and 45 full-color pages featuring photographs, diagrams, maps, tables, and graphs We dare to imagine a time before the Big Bang, when the entire universe was compressed into a space smaller than an atom. And now, as Brian Cox and Jeff Forshaw show, we can do more than imagine: we can understand. *Universal* takes us on an epic journey of scientific exploration. It reveals how we can all come to grips with some of the most fundamental questions about our Earth, Sun, and solar system--and the star-filled galaxies beyond. How big is our solar system? How quickly is space expanding? How big is the universe? What is it made of? Some of these questions can be answered on the basis of observations you can make in your own backyard. Other answers draw on the astonishing information now being gathered by teams of astronomers operating at the frontiers of the known universe. At the heart of all this lies the scientific method. Science reveals a deeper beauty and connects us to each other, to our world, and to our universe. Science reaches out into the unknown. As *Universal* demonstrates, if we dare to imagine, we can do the same.

Cut in Half - Mike Warren 2018-10-09

What exactly is inside a laptop, a golf ball, a vacuum cleaner, or a novelty singing fish toy? The insides of these and dozens of other objects are revealed in this photographic exploration of the stuff all around us, exposed and explained. With the help of a high-pressure waterjet cutter able to slice through 4 inches of steel plate, designer and fabricator Mike Warren (creator of the popular *Cut in Half* YouTube channel) cuts into everything from boom boxes to boxing gloves, oil filters to seashells, describing and demystifying the inner workings and materials of each. With gorgeously detailed photography, *Cut in Half* is a fascinating and accessible popular science look at the extraordinary in the everyday.

The Dragons of Eden - Carl Sagan 1978

Dr. Carl Sagan takes us on a great reading adventure, offering his vivid and startling insight into the brain of man and beast, the origin of human intelligence, the function of our most haunting legends--and their amazing links to recent discoveries." A history of the human brain from the big bang, fifteen billion years ago, to the day before yesterday...It's a delight." THE NEW YORK TIMES

Understanding Digital Signal Processing - Richard G. Lyons 2010-11-01

Amazon.com's Top-Selling DSP Book for Seven Straight Years—Now Fully Updated! *Understanding Digital Signal Processing, Third Edition*, is quite simply the best resource for engineers and other technical professionals who want to master and apply today's latest DSP techniques. Richard G. Lyons has updated and expanded his best-selling second edition to reflect the newest technologies, building on the exceptionally readable coverage that made it the favorite of DSP professionals worldwide. He has also added hands-on problems to every chapter, giving students even more of the practical experience they need to succeed. Comprehensive in scope and clear in approach, this book achieves the perfect balance between theory and practice, keeps math at a tolerable level, and makes DSP exceptionally accessible to beginners without ever oversimplifying it. Readers can thoroughly grasp the basics and quickly move on to more sophisticated techniques. This edition adds extensive new coverage of FIR and IIR filter analysis techniques, digital differentiators, integrators, and matched filters. Lyons has significantly updated and expanded his discussions of multirate processing techniques, which are crucial to modern wireless and satellite communications. He also presents nearly twice as many DSP Tricks as in the second edition—including techniques even seasoned DSP professionals may have overlooked. Coverage includes New homework problems that deepen your understanding and help you apply what you've learned Practical, day-to-day DSP implementations and problem-solving throughout Useful new guidance on generalized digital networks, including discrete differentiators, integrators, and matched filters Clear descriptions of statistical measures of signals, variance reduction by

averaging, and real-world signal-to-noise ratio (SNR) computation A significantly expanded chapter on sample rate conversion (multirate systems) and associated filtering techniques New guidance on implementing fast convolution, IIR filter scaling, and more Enhanced coverage of analyzing digital filter behavior and performance for diverse communications and biomedical applications Discrete sequences/systems, periodic sampling, DFT, FFT, finite/infinite impulse response filters, quadrature (I/Q) processing, discrete Hilbert transforms, binary number formats, and much more

The Dragons of Eden - Carl Sagan 2008-07-10

The well-known astronomer and astrobiologist surveys current knowledge of the development of intelligence on Earth in various forms of life and explains his persuasion that intelligence must have developed along similar lines throughout the universe

Erotism - Georges Bataille 1986-10

Reprint. Originally published: *Death and sensuality*. New York: Walker, 1962.

Murmurs of Earth - Carl Sagan 2013-04-02

In 1977, two extraordinary spacecraft called *Voyager* were launched to the stars. Affixed to each *Voyager* craft was a gold-coated copped phonograph record as a message to possible extra-terrestrial civilizations that might encounter the spacecraft in some distant space and time. Each record contained 118 photographs of our planet; almost 90 minutes of the world's greatest music; an evolutionary audio essay on "The Sounds of Earth"; and greetings in almost sixty human languages (and one whale language). This book is an account, written by those chiefly responsible for the contents of the *Voyager Record*, of why they did it, how they selected the repertoire, and precisely what the record contains.

Shadows of Forgotten Ancestors - Carl Sagan 2011-07-06

NATIONAL BESTSELLER • "Exciting and provocative . . . A tour de force of a book that begs to be seen as well as to be read."—The Washington Post Book World World renowned scientist Carl Sagan and acclaimed author Ann Druyan have written a *Roots* for the human species, a lucid and riveting account of how humans got to be the way we are. *Shadows of Forgotten Ancestors* is a thrilling saga that starts with the origin of the Earth. It shows with humor and drama that many of our key traits—self-awareness, technology, family ties, submission to authority, hatred for those a little different from ourselves, reason, and ethics—are rooted in the deep past, and illuminated by our kinship with other animals. Sagan and Druyan conduct a breathtaking journey through space and time, zeroing in on critical turning points in evolutionary history, and tracing the origins of sex, altruism, violence, rape, and dominance. Their book culminates in a stunningly original examination of the connection between primate and human traits. Astonishing in its scope, brilliant in its insights, and an absolutely compelling read, *Shadows of Forgotten Ancestors* is a triumph of popular science.

The Varieties of Scientific Experience - Carl Sagan 2006-11-02

"Ann Druyan has unearthed a treasure. It is a treasure of reason, compassion, and scientific awe. It should be the next book you read." —Sam Harris, author of *The End of Faith* "A stunningly valuable legacy left to all of us by a great human being. I miss him so." —Kurt Vonnegut Carl Sagan's prophetic vision of the tragic resurgence of fundamentalism and the hope-filled potential of the next great development in human spirituality The late great astronomer and astrophysicist describes his personal search to understand the nature of the sacred in the vastness of the cosmos. Exhibiting a breadth of intellect nothing short of astounding, Sagan presents his views on a wide range of topics, including the likelihood of intelligent life on other planets, creationism and so-called intelligent design, and a new concept of science as "informed worship." Originally presented at the centennial celebration of the famous Gifford Lectures in Scotland in 1985 but never published, this book offers a unique encounter with one of the most remarkable minds of the twentieth century.

Children and Families in the Social Environment - James Garbarino 2017-07-12

The first edition of this volume successfully applied Bronfenbrenner's "micro-systems" taxonomy to childrearing and family life. Emphasizing how forces in the environment influence children's behavior, Garbarino has staked out an intermediate position between the psychoanalytic and the systems approach to human development. Taking cognizance of new research and of changes in American society, Garbarino has once again carefully analyzed the importance of children's social relationships. For this wholly revised second edition, he has incorporated a greater emphasis on ethnic, cultural, and racial issues.

A History of the Human Brain - Bret Stetka 2021-03-16

In *A History of the Human Brain*, popular science writer Bret Stetka

reveals how the evolution of the brain made us human—and where it may lead us to next.