

The Half Life Of Facts Why Everything We Know Has An Expiration Date Samuel Arbesman

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The Half-Life of Planets

Memoir by the avant-garde dancer, choreographer, and filmmaker recounting her childhood years, sexual misadventures, and artistic explorations.

The Hidden Life of Trees

Jill Ciment weaves an unforgettable tale of survival, compassion, and courage, in this haunting recollection of a child surrounded by confusion and madness, and her struggle to find an identity. Half a Life traces Jill Ciment's family from Toronto to the California desert - -a landscape and culture so alien to her father that the last vestiges of sanity leave him. As madness engulfs him he becomes increasingly brutal and the family, grasping at survival, throws him out the door. Having no understanding that he has done anything wrong, he first lives in his car at the end of the driveway, waiting to be invited back in, before exiting completely from their lives. Poor and fatherless, Ciment spends the years from age fourteen to seventeen, as a gang girl, a professional forger, a stripper, a corporate spy, and finally, a high school dropout who by age eighteen has seduced her art teacher, a man nearly three decades her senior and bluffed her way into college in an effort to shape a future. Ciment is cutting, insightful and clearly unapologetic as she details the confusion and bravado of a child heroine whose dreams and tenacity allow her finally, to create the life she has been so desperately seeking.

Eaarth

From the winner of the 1989 National Book Award (for Spartina), a major new novel--wise, sad, and richly comic--about the meltdown of a marriage against the backdrop of a gloriously awful congressional campaign. Charlottesville, Virginia, 1978: Mike is a successful forty-something lawyer, a onetime congressional staffer who's had it with Washington; Joss, his wife, is a filmmaker. They're Virginia liberals with a clan of close-knit friends--a bright, edgy, flirty, games-playing group, spinning like a Catherine wheel around Mike and Joss. But the sparks that fly

between the two are getting hotter and more dangerous, as Joss' restlessness turns to impatience and then anger. When one of the group introduces them all to the woman he wants to marry, things suddenly explode--this new arrival and Joss fall passionately in love, and their whole world careens out of control. What ensues is tragicomedy, as Mike tries to allay his rage and misery by letting himself get sucked into a trial run for a seat in Congress. He wants to be a hero to someone; instead he becomes the unwitting star of a political farce. Meantime, Joss is struggling with her new life, and their two young daughters (who form a lovingly unmerciful Greek chorus commenting on the action) have to navigate a turmoil in which one parent is a public joke and the other a private scandal. Rarely has the undoing of love been chronicled with such large-hearted humanity.

People of the Caves

University Physics is designed for the two- or three-semester calculus-based physics course. The text has been developed to meet the scope and sequence of most university physics courses and provides a foundation for a career in mathematics, science, or engineering. The book provides an important opportunity for students to learn the core concepts of physics and understand how those concepts apply to their lives and to the world around them. Due to the comprehensive nature of the material, we are offering the book in three volumes for flexibility and efficiency. Coverage and Scope Our University Physics textbook adheres to the scope and sequence of most two- and three-semester physics courses nationwide. We have worked to make physics interesting and accessible to students while maintaining the mathematical rigor inherent in the subject. With this objective in mind, the content of this textbook has been developed and arranged to provide a logical progression from fundamental to more advanced concepts, building upon what students have already learned and emphasizing connections between topics and between theory and applications. The goal of each section is to enable students not just to recognize concepts, but to work with them in ways that will be useful in later courses and future careers. The organization and pedagogical features were developed and vetted with feedback from science educators dedicated to the project. VOLUME III Unit 1: Optics Chapter 1: The Nature of Light Chapter 2: Geometric Optics and Image Formation Chapter 3: Interference Chapter 4: Diffraction Unit 2: Modern Physics Chapter 5: Relativity Chapter 6: Photons and Matter Waves Chapter 7: Quantum Mechanics Chapter 8: Atomic Structure Chapter 9: Condensed Matter Physics Chapter 10: Nuclear Physics Chapter 11: Particle Physics and Cosmology

Feelings are Facts

New insights from the science of science Facts change all the time. Smoking has gone from doctor recommended to deadly. We used to think the Earth was the center of the universe and that the brontosaurus was a real dinosaur. In short, what we know about the world is constantly changing. Samuel Arbesman shows us how knowledge in most fields evolves systematically and predictably, and how this evolution unfolds in a fascinating way that can have a powerful impact on our lives. He takes us through a wide variety of fields, including those that change quickly, over the course of a few years, or over the span of centuries.

Principles and Applications in Nuclear Engineering

Debunks popular beliefs and reveals the facts about political, cultural, scientific, and technological misconceptions, addressing such topics as Napoleon's stature, the danger of quicksand, and caffeine's effects on the body.

Discourses on Livy

Beautiful, charismatic, prodigiously talented, Syd Barrett in 1966 invented the British psychedelic scene - founding Pink Floyd, writing and singing on the band's first album - before collapsing into madness two years later.

Overcomplicated

This report from the Committee on Military Nutrition Research reviews the history of caffeine usage, the metabolism of caffeine, and its physiological effects. The effects of caffeine on physical performance, cognitive function and alertness, and alleviation of sleep deprivation impairments are discussed in light of recent scientific literature. The impact of caffeine consumption on various aspects of health, including cardiovascular disease, reproduction, bone mineral density, and fluid homeostasis are reviewed. The behavioral effects of caffeine are also discussed, including the effect of caffeine on reaction to stress, withdrawal effects, and detrimental effects of high intakes. The amounts of caffeine found to enhance vigilance and reaction time consistently are reviewed and recommendations are made with respect to amounts of caffeine appropriate for maintaining alertness of military personnel during field operations. Recommendations are also provided on the need for appropriate labeling of caffeine-containing supplements, and education of military personnel on the use of these supplements. A brief review of some alternatives to caffeine is also provided.

The Half Life of Molly Pierce

With her award-winning debut novel, *Purple Hibiscus*, Chimamanda Ngozi Adichie was heralded by the *Washington Post Book World* as the "21st century daughter" of Chinua Achebe. Now, in her masterly, haunting new novel, she recreates a seminal moment in modern African history: Biafra's impassioned struggle to establish an independent republic in Nigeria during the 1960s. With the effortless grace of a natural storyteller, Adichie weaves together the lives of five characters caught up in the extraordinary tumult of the decade. Fifteen-year-old Ugwu is houseboy to Odenigbo, a university professor who sends him to school, and in whose living room Ugwu hears voices full of revolutionary zeal. Odenigbo's beautiful mistress, Olanna, a sociology teacher, is running away from her parents' world of wealth and excess; Kainene, her urbane twin, is taking over their father's business; and Kainene's English lover, Richard, forms a bridge between their two worlds. As we follow these intertwined lives through a military coup, the Biafran secession and the subsequent war, Adichie brilliantly evokes the promise, and intimately, the devastating disappointments that marked this time and place. Epic, ambitious and triumphantly realized, *Half of a Yellow Sun* is a more powerful, dramatic and intensely emotional picture of modern Africa than any we have had

before. From the Hardcover edition.

This Is How You Lose Her

Praise for the Webby Award-winning newsletter: "I eagerly read 'Now I Know' every day. It's always fresh, always a surprise, and always interesting!" --Jimmy Wales, founder of Wikipedia and Wikia Did you know that there are actually 27 letters in the alphabet, or that the U.S. had a plan to invade Canada? And what actually happened to the flags left on the moon? Even if you think you have a handle on all things trivia, you're guaranteed a big surprise with Now I Know. From uncovering what happens to lost luggage to New York City's plan to crack down on crime by banning pinball, this book will challenge your knowledge of the fascinating stories behind the world's greatest facts. Covering 100 outrageous topics, Now I Know is the ultimate challenge for any know-it-all who thinks they have nothing left to learn.

Black Boy [Seventy-fifth Anniversary Edition]

Nuclear engineering could be viewed as the engineering field that ensures optimum and sustainable technological applications of natural and induced radioactive materials in different industrial sectors. This book presents some advanced applications in radiation effects, thermal hydraulics, and radionuclide migration in the environment. These scientific contributions from esteemed experts introduce some nuclear safety principals, current knowledge about radiation types, sources and applications, thermal properties of heat transfer media, and the role of sorption in retarding radionuclide migration in the environment. This book also covers the advances in identifying radiation effects in dense gas-metal systems, application of dense granular materials as high power targets in accelerator driven systems and irradiation facilities, evaluation of boiling heat transfer in narrow channels, and application of fluorescence quenching techniques to monitor uranium migration.

Half a Life

A special 75th anniversary edition of Richard Wright's powerful and unforgettable memoir, with a new foreword by John Edgar Wideman and an afterword by Malcolm Wright, the author's grandson. When it exploded onto the literary scene in 1945, *Black Boy* was both praised and condemned. Orville Prescott of the *New York Times* wrote that "if enough such books are written, if enough millions of people read them maybe, someday, in the fullness of time, there will be a greater understanding and a more true democracy." Yet from 1975 to 1978, *Black Boy* was banned in schools throughout the United States for "obscenity" and "instigating hatred between the races." Wright's once controversial, now celebrated autobiography measures the raw brutality of the Jim Crow South against the sheer desperate will it took to survive as a black boy. Enduring poverty, hunger, fear, abuse, and hatred while growing up in the woods of Mississippi, Wright lied, stole, and raged at those around him—whites indifferent, pitying, or cruel and blacks resentful of anyone trying to rise above their circumstances. Desperate for a different way of life, he may his way north, eventually arriving in Chicago, where

he forged a new path and began his career as a writer. At the end of *Black Boy*, Wright sits poised with pencil in hand, determined to “hurl words into this darkness and wait for an echo.” Seventy-five years later, his words continue to reverberate. “To read *Black Boy* is to stare into the heart of darkness,” John Edgar Wideman writes in his foreword. “Not the dark heart Conrad searched for in Congo jungles but the beating heart I bear.” One of the great American memoirs, Wright’s account is a poignant record of struggle and endurance—a seminal literary work that illuminates our own time.

Ubik

The former Director of National Intelligence speaks out in this New York Times bestseller. When he stepped down in January 2017 as the fourth United States Director of National Intelligence, James Clapper had been President Obama’s senior intelligence advisor for six and a half years, longer than his three predecessors combined. He led the US Intelligence Community through a period that included the raid on Osama bin Laden, the Benghazi attack, the leaks of Edward Snowden, and Russia’s influence operation on the 2016 U.S. election. In *Facts and Fears*, Clapper traces his career through the growing threat of cyberattacks, his relationships with Presidents and Congress, and the truth about Russia’s role in the presidential election. He describes, in the wake of Snowden and WikiLeaks, his efforts to make intelligence more transparent and to push back against the suspicion that Americans’ private lives are subject to surveillance. Finally, it was living through Russian interference in the 2016 presidential election and seeing how the foundations of American democracy were—and continue to be—undermined by a foreign power that led him to break with his instincts grown through more than five decades in the intelligence profession, to share his inside experience. Clapper considers such controversial questions as, is intelligence ethical? Is it moral to intercept communications or to photograph closed societies from orbit? What are the limits of what we should be allowed to do? What protections should we give to the private citizens of the world, not to mention our fellow Americans? Is there a time that intelligence officers can lose credibility as unbiased reporters of hard truths by asserting themselves into policy decisions? *Facts and Fears* offers a privileged look inside the United States intelligence community and addresses with the frankness and professionalism for which James Clapper is known some of the most difficult challenges in our nation’s history.

Half Life

When does physics depart the realm of testable hypothesis and come to resemble theology? Peter Woit argues that string theory isn’t just going in the wrong direction, it’s not even science. *Not Even Wrong* shows that what many physicists call superstring “theory” is not a theory at all. It makes no predictions, not even wrong ones, and this very lack of falsifiability is what has allowed the subject to survive and flourish. Peter Woit explains why the mathematical conditions for progress in physics are entirely absent from superstring theory today, offering the other side of the story.

The Half-Life of Happiness

Annie and Peter decide to adopt, setting their sights on a child from Africa. But, when they receive surprising news from the adoption agency, their marriage is put to the test, secrets of the past are exposed, and this couple approaching midlife is left with an unexpected choice. Politically charged, funny and tack-sharp, *THE CALL* is a startling portrait of cultural divide, casting global issues into the heart of an American home.

Poverty and Shared Prosperity 2018

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How the Other Half Lives - Scholar's Choice Edition

There are few fields of science that carbon-14 has not touched. A radioactive isotope of carbon, it stands out for its unusually long half-life. Best known for its application to estimating the age of artifacts—carbon dating—carbon-14 helped reveal new chronologies of human civilization and geological time. Everything containing carbon, the basis of all life, could be placed in time according to the clock of radioactive decay, with research applications ranging from archeology to oceanography to climatology. In *Hot Carbon*, John F. Marra tells the untold story of this scientific revolution. He weaves together the workings of the many disciplines that employ carbon-14 with gripping tales of the individuals who pioneered its possibilities. He describes the concrete applications of carbon-14 to the study of all the stuff of life on earth, from climate science's understanding of change over time to his own work on oceanic photosynthesis with microscopic phytoplankton. Marra's engaging narrative encompasses nuclear testing, the peopling of the Americas, elephant poaching, and the flax plants used for the linen in the Shroud of Turin. Combining colorful narrative prose with accessible explanations of fundamental science, *Hot Carbon* is a thought-provoking exploration of how the power of carbon-14 informs our relationship to the past.

Science and Creationism

Bestselling author Sherman Alexie tells the story of Junior, a budding cartoonist growing up on the Spokane Indian Reservation. Determined to take his future into his own hands, Junior leaves his troubled school on the rez to attend an all-white

farm town high school where the only other Indian is the school mascot. Heartbreaking, funny, and beautifully written, *The Absolutely True Diary of a Part-Time Indian*, which is based on the author's own experiences, coupled with poignant drawings by Ellen Forney that reflect the character's art, chronicles the contemporary adolescence of one Native American boy as he attempts to break away from the life he was destined to live. With a forward by Markus Zusak, interviews with Sherman Alexie and Ellen Forney, and four-color interior art throughout, this edition is perfect for fans and collectors alike.

Half a Life

Equality 7-2521 finds himself out of step with the collectivist society of the future, and discovers a means to freedom in Ayn Rand's fable of the individual in conflict with society. First published in 1938, *Anthem* takes place in a dystopian future world in which humanity is enduring a new dark age, human life is regimented in every respect and personal identity has been all but snuffed out by a totalitarian government. The narrator, writing his story in secret, realizes he is a criminal simply for having thoughts of his own. Exploring the ruins of a previous civilization he discovers relics, conducts forbidden experiments and learns enough to question the very structure of his society. Can he share this knowledge with his fellow citizens? The author strips the relationship of humanity to civilization down to its bare essence in this modern parable that starkly illuminates the challenge an oppressive government presents to individuality. With an eye-catching new cover, and professionally typeset manuscript, this edition of *Anthem* is both modern and readable.

Now I Know

The year is 1997. North Korea is suffering from a devastating famine that has shaken the foundation of the ruling class. A series of high-profile defections to the West has led the reclusive country's leadership into the grasp of paranoia. Nuclear scientist Han Chol-Soo is on a tenuous diplomatic mission to the United States. There he is forced to embark upon a high-stakes pursuit after his wife disappears with their newborn son. Paralyzed with fear at the repercussions of her decision, Han turns to his colleague Park Jun-Young for help -- a man that he suspects is an intelligence operative. He soon regrets his decision as Park cuts a swath of mayhem in the name of helping Han, and the chase forces Han to confront the harsh realities of his home country.

The Photo Ark

The twenty-first century is a world in constant change. In *A New Culture of Learning*, Doug Thomas and John Seely Brown pursue an understanding of how the forces of change, and emerging waves of interest associated with these forces, inspire and invite us to imagine a future of learning that is as powerful as it is optimistic. Typically, when we think of culture, we think of an existing, stable entity that changes and evolves over long periods of time. In *A New Culture*, Thomas and Brown explore a second sense of culture, one that responds to its surroundings organically. It not only adapts, it integrates change into its process as one of its

environmental variables. By exploring play, innovation, and the cultivation of the imagination as cornerstones of learning, the authors create a vision of learning for the future that is achievable, scalable and one that grows along with the technology that fosters it and the people who engage with it. The result is a new form of culture in which knowledge is seen as fluid and evolving, the personal is both enhanced and refined in relation to the collective, and the ability to manage, negotiate and participate in the world is governed by the play of the imagination. Replete with stories, this is a book that looks at the challenges that our education and learning environments face in a fresh way. PRAISE FOR A NEW CULTURE OF LEARNING "A provocative and extremely important new paradigm of a 'culture of learning', appropriate for a world characterized by continual change. This is a must read for anyone interested in the future of education." James J. Duderstadt, President Emeritus, University of Michigan "Thomas and Brown are the John Dewey of the digital age." Cathy Davidson, Professor of Interdisciplinary Studies, Duke University "A New Culture of Learning may provide for the digital media and learning movement what Thomas Paine's Common Sense did for the colonists during the American Revolution- a straightforward, direct explanation of what we are fighting for and what we are fighting against." Henry Jenkins, Provost's Professor, USC "A New Culture of Learning is at once persuasive and optimistic - a combination that is all too rare, but that flows directly from its authors' insights about learning in the digital age. Pearls of wisdom leap from almost every page." Paul Courant, Dean of Libraries, University of Michigan "Brilliant. Insightful. Revolutionary." Marcia Conner, author of The New Social Learning "Douglas Thomas and John Seely Brown portray the new world of learning gracefully, vividly, and convincingly." Howard Gardner, Professor, Harvard Graduate School of Education "Thomas and Brown make it clear that education is too often a mechanistic, solo activity delivered to the young. It doesn't have to be that way- learning can be a messy, social, playful, embedded, constant activity. We would do well to listen to their message." Clay Shirky, author of Cognitive Surplus "Anyone who fears, as I do, that today's public schools are dangerously close to being irrelevant must read this book. The authors provide a road map-and a lifeline- showing how schools can prosper under the most difficult conditions. It is a welcome departure from all the school bashing." John Merrow, Education Correspondent, PBS NewsHour "American education is at a crossroads. By illuminating how play helps to transform both information networks and experimentation, and how collective inquiry unleashes the power of imagination, A New Culture of Learning provides an irresistible path to the future." Joel Myerson, Director, Forum for the Future of Higher Education.

Hard Facts, Dangerous Half-Truths, and Total Nonsense

"A smart and unusual romance just about right for fans of John Green." —Booklist Liana's decided to boycott kissing this summer, hoping to lose her reputation and focus on planetary science. Hank has near-encyclopedic knowledge of music and Asperger's syndrome. When they meet by chance in a hospital restroom, neither one realizes that their friendship will change everything. If Liana's experiment goes as planned, she'll learn to open up, using her mouth for talking instead of kissing. But Hank's never been kissed and thinks Liana might be the one to show him . . . if he can stop spewing music trivia long enough to let her.

The Book of Common Fallacies

The bestselling author of *Deep Economy* shows that we're living on a fundamentally altered planet — and opens our eyes to the kind of change we'll need in order to make our civilization endure. Twenty years ago, with *The End of Nature*, Bill McKibben offered one of the earliest warnings about global warming. Those warnings went mostly unheeded; now, he insists, we need to acknowledge that we've waited too long, and that massive change is not only unavoidable but already under way. Our old familiar globe is suddenly melting, drying, acidifying, flooding, and burning in ways that no human has ever seen. We've created, in very short order, a new planet, still recognizable but fundamentally different. We may as well call it Eearth. That new planet is filled with new binds and traps. A changing world costs large sums to defend — think of the money that went to repair New Orleans, or the trillions of dollars it will take to transform our energy systems. But the endless economic growth that could underwrite such largesse depends on the stable planet we've managed to damage and degrade. We can't rely on old habits any longer. Our hope depends, McKibben argues, on scaling back — on building the kind of societies and economies that can hunker down, concentrate on essentials, and create the type of community (in the neighborhood, but also on the Internet) that will allow us to weather trouble on an unprecedented scale. Change — fundamental change — is our best hope on a planet suddenly and violently out of balance. From the Hardcover edition.

Facts and Fears

"Half and half books are like two books in one! First, there's a great story; then, you get cool facts"--P. [4] cover.

Half of a Yellow Sun

This lush book of photography represents National Geographic's Photo Ark, a major cross-platform initiative and lifelong project by photographer Joel Sartore to make portraits of the world's animals—especially those that are endangered. His powerful message, conveyed with humor, compassion, and art- to know these animals is to save them. Sartore intends to photograph every animal in captivity in the world. He is circling the globe, visiting zoos and wildlife rescue centers to create studio portraits of 12,000 species, with an emphasis on those facing extinction. He has photographed more than 6,000 already and now, thanks to a multi-year partnership with National Geographic, he may reach his goal. This book showcases his animal portraits- from tiny to mammoth, from the Florida grasshopper sparrow to the greater one-horned rhinoceros. Paired with the eloquent prose of veteran wildlife writer Douglas Chadwick, this book presents a thought-provoking argument for saving all the species of our planet.

Caffeine for the Sustainment of Mental Task Performance

When Cookie Figowitz, the cook for a party of volatile fur trappers trekking through the Oregon Territory in the 1820s, joins up with the refugee Henry Brown, the two begin a wild ride that takes them from the virgin territory of the West all the way to

China and back again. One hundred and sixty years later, Tina Plank, an unhappy teenager, meets Trixie, a girl with a troubled past, and the two become fast friends. But when two skeletons are accidentally unearthed from their common ground, the lives of Tina and Trixie, Cookie and Henry are brought together in unexpected and startling ways. Jonathan Raymond attended Swarthmore College. He was an editor at Plazm magazine and received his M.F.A. from New School University. He currently lives in Brooklyn, New York. "A marvelous novela mystery as rich as the history of the Oregon territory itself."-Vanity Fair "Raymond nimbly interweaves these parallel tales and manages to surprise[a] subtle portrait of friendship and loss[from] an astute, patient observer."-Entertainment Weekly "Raymond's debut novel teems with carefully researched period details, intriguing yet it never feels overstuffed."-Washington Post "With The Half-Life, [Raymond] has come home prospecting for literary gold Oregon has given him something back."-San Francisco Chronicle "Quietly stunning Raymond is a kind of stealth bomber of the epic."-Newsday "Terrific The Half-Life gazes upon those fierce but ephemeral attachments that evade the history books. Multiple plots elegantly veer across the sprawling terrain."-Village Voice

Madcap

One of the finest living writers in the English language, V. S. Naipaul gives us a tale as wholly unexpected as it is affecting, his first novel since the exultantly acclaimed *A Way in the World*, published seven years ago. *Half a Life* is the story of Willie Chandran, whose father, heeding the call of Mahatma Gandhi, turned his back on his brahmin heritage and married a woman of low caste—a disastrous union he would live to regret, as he would the children that issued from it. When Willie reaches manhood, his flight from the travails of his mixed birth takes him from India to London, where, in the shabby haunts of immigrants and literary bohemians of the 1950s, he contrives a new identity. This is what happens as he tries to defeat self-doubt in sexual adventures and in the struggle to become a writer—strivings that bring him to the brink of exhaustion, from which he is rescued, to his amazement, only by the love of a good woman. And this is what happens when he returns with her—carried along, really—to her home in Africa, to live, until the last doomed days of colonialism, yet another life not his own. In a luminous narrative that takes us across three continents, Naipaul explores his great theme of inheritance with an intimacy and directness unsurpassed in his extraordinary body of work. And even as he lays bare the bitter comical ironies of assumed identities, he gives us a poignant spectacle of the enervation peculiar to a borrowed life. In one man's determined refusal of what he has been given to be, Naipaul reveals the way of all our experience. As Willie comes to see, "Everything goes on a bias. The world should stop, but it goes on." A masterpiece of economy and emotional nuance, *Half a Life* is an indelible feat of the imagination. From the Hardcover edition.

Half Life

An intricately woven debut psychological mystery and a profound coming of age story for fans of *Made You Up* by Francesca Zappia and *All the Bright Places* by Jennifer Niven. "Introduces a fierce new presence." —Publishers Weekly (starred review) "5 out of 5 bright, beautiful stars." —Teenreads.com "A fascinating

debut something original indeed. Readers will absolutely need to know the end of this unique inward-facing mystery.” —ALA Booklist For all of her seventeen years, Molly feels like she’s missed bits and pieces of her life. Her memory is perforated with holes and gaps. But then a horrible accident changes everything. Now she’s starting to remember her own disturbing secrets. And bit by bit, Molly uncovers the separate life she seems to have led—and the love that she can’t let go.

Not Even Wrong

Discourses on Livy is the founding document of modern republicanism, and Harvey C. Mansfield and Nathan Tarcov have provided the definitive English translation of this classic work. Faithful to the original Italian text, properly attentive to Machiavelli's idiom and subtlety of thought, it is eminently readable. With a substantial introduction, extensive explanatory notes, a glossary of key words, and an annotated index, the Discourses reveals Machiavelli's radical vision of a new science of politics, a vision of "new modes and orders" that continue to shape the modern ethos. "[Machiavelli] found in Livy the means to inspire scholars for five centuries. Within the Discourses, often hidden and sometimes unintended by their author, lie the seeds of modern political thought. . . . [Mansfield and Tarcov's] translation is careful and idiomatic."—Peter Stothard, *The Times* "Translated with painstaking accuracy—but also great readability."—*Weekly Standard* "A model of contemporary scholarship and a brave effort at Machiavelli translation that allows the great Florentine to speak in his own voice."—Choice

Half Life

The best organizations have the best talent. . . Financial incentives drive company performance. . . Firms must change or die. Popular axioms like these drive business decisions every day. Yet too much common management “wisdom” isn’t wise at all—but, instead, flawed knowledge based on “best practices” that are actually poor, incomplete, or outright obsolete. Worse, legions of managers use this dubious knowledge to make decisions that are hazardous to organizational health. Jeffrey Pfeffer and Robert I. Sutton show how companies can bolster performance and trump the competition through evidence-based management, an approach to decision-making and action that is driven by hard facts rather than half-truths or hype. This book guides managers in using this approach to dismantle six widely held—but ultimately flawed—management beliefs in core areas including leadership, strategy, change, talent, financial incentives, and work-life balance. The authors show managers how to find and apply the best practices for their companies, rather than blindly copy what seems to have worked elsewhere. This practical and candid book challenges leaders to commit to evidence-based management as a way of organizational life—and shows how to finally turn this common sense into common practice.

The Half-Life of Facts

This edition of *Science and Creationism* summarizes key aspects of several of the most important lines of evidence supporting evolution. It describes some of the positions taken by advocates of creation science and presents an analysis of these

claims. This document lays out for a broader audience the case against presenting religious concepts in science classes. The document covers the origin of the universe, Earth, and life; evidence supporting biological evolution; and human evolution. (Contains 31 references.) (CCM)

Anthem

Presents a collection of stories that explores the heartbreak and radiance of love as it is shaped by passion, betrayal, and the echoes of intimacy.

A New Culture of Learning

The World Bank Group has two overarching goals: End extreme poverty by 2030 and promote shared prosperity by boosting the incomes of the bottom 40 percent of the population in each economy. As this year's Poverty and Shared Prosperity report documents, the world continues to make progress toward these goals. In 2015, approximately one-tenth of the world's population lived in extreme poverty, and the incomes of the bottom 40 percent rose in 77 percent of economies studied. But success cannot be taken for granted. Poverty remains high in Sub-Saharan Africa, as well as in fragile and conflict-affected states. At the same time, most of the world's poor now live in middle-income countries, which tend to have higher national poverty lines. This year's report tracks poverty comparisons at two higher poverty thresholds—\$3.20 and \$5.50 per day—which are typical of standards in lower- and upper-middle-income countries. In addition, the report introduces a societal poverty line based on each economy's median income or consumption. Poverty and Shared Prosperity 2018: Piecing Together the Poverty Puzzle also recognizes that poverty is not only about income and consumption—and it introduces a multidimensional poverty measure that adds other factors, such as access to education, electricity, drinking water, and sanitation. It also explores how inequality within households could affect the global profile of the poor. All these additional pieces enrich our understanding of the poverty puzzle, bringing us closer to solving it. For more information, please visit worldbank.org/PSP

University Physics

The Half-Life of Facts

An overachiever enrolls in an experimental clone study to prove that two (of her own) heads are better than one in this fast-paced, near-future adventure that's Black Mirror meets Becky Albertalli. There aren't enough hours in the day for Lucille--perfectionist, overachiever--to do everything she has to do, and there certainly aren't enough hours to hang out with friends, fall in love, get in trouble--all the teenage things she knows she should want to be doing instead of preparing for a flawless future. So when she sees an ad for Life2: Do more. Be more, she's intrigued. The company is looking for beta testers to enroll in an experimental clone program, and in the aftermath of a series of disappointments, Lucille is feeling reckless enough to jump in. At first, it's perfect: her clone, Lucy, is

exactly what she needed to make her life manageable and have time for a social life. But it doesn't take long for Lucy to become more Lucy and less Lucille, and Lucille is forced to stop looking at Lucy as a reflection and start seeing her as a window--a glimpse at someone else living her own life, but better. Lucy does what she really wants to, not what she thinks she should want to, and Lucille is left wondering how much she was even a part of the perfect life she'd constructed for herself. Lucille wanted Lucy to help her relationships with everyone else, but how can she do that without first rectifying her relationship with herself? "Like a PG-13 mash-up of Booksmart and Black Mirror, Clark's sophomore novel delivers both twisty sci-fi suspense and a highly relatable account of the search for self-determination and self-worth."--Booklist

The Call

The fascinating, curious, and sometimes macabre history of radium as seen in its uses in everyday life. Of all the radioactive elements discovered at the end of the nineteenth century, it was radium that became the focus of both public fascination and entrepreneurial zeal. *Half Lives* tells the fascinating, curious, sometimes macabre story of the element through its ascendance as a desirable item - a present for a queen, a prize in a treasure hunt, a glow-in-the-dark dance costume - to its role as a supposed cure-all in everyday twentieth-century life, when medical practitioners and business people (reputable and otherwise) devised ingenious ways of commodifying the new wonder element, and enthusiastic customers welcomed their radioactive wares into their homes. Lucy Jane Santos—herself the proud owner of a formidable collection of radium beauty treatments—delves into the stories of these products and details the gradual downfall and discredit of the radium industry through the eyes of the people who bought, sold and eventually came to fear the once-fetishized substance. *Half Lives* is a new history of radium as part of a unique examination of the interplay between science and popular culture.

Half Lives

Nora and Blanche are conjoined twins. Nora is strong, funny, and deeply independent, thirsting for love and adventure. Blanche, by contrast, has been asleep for twenty years. Sick of carrying her sister's dead weight, Nora wants her other half gone for good—a desire that takes her from San Francisco to London in search of the Unity Foundation, a mysterious organization that promises to make two one. But once in England, Nora's past begins to surface in surprising and disturbing ways, pushing her to the brink of insanity and forcing her to question her own—and Blanche's—grip on the truth.

Hot Carbon

"You don't understand the software running your car or your iPhone. But here's a secret: neither do the geniuses at Apple or the Ph. D.'s at Toyota--not perfectly, anyway. No one, not accountants, engineers, or doctors, fully grasps the rules governing your tax return, your internet connection, or your hospital's medical machinery. The same technological advances that have simplified our lives have

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made the systems governing our lives incomprehensible, unpredictable, and overcomplicated. Complexity scientist Samuel Arbesman offers a fresh, insightful field guide to living with complex technologies that defy human comprehension. As technology grows more complex, Arbesman argues, its behavior mimics the vagaries of the natural world more than it conforms to a mathematical model. If we are to survive and thrive in this new age, we must abandon our need for governing principles and rules and accept the chaos. We will become better thinkers, scientists, and innovators as a result. Lucid and energizing, this book is a vital new analysis of the world heralded as "modern" for anyone who wants to live wisely."--Back cover.

The Half-Life

A dead man sends haunting warnings back from the grave, and Joe Chip must solve these mysteries to determine his own real or surreal existence.

The Absolutely True Diary of a Part-Time Indian

A scientometrics expert analyzes the changing nature of factual information to explain how knowledge in most fields evolves in systematic and predictable ways that, if properly understood, can be powerful tools for training and professional improvement.

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