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Not What I Expected Rita Eichenstein PhD 2015-04-07 Finalist for a Books for a Better Life Award A pediatric neuropsychologist presents strategies to help parents of special-needs children navigate the emotional challenges they face. As diagnosis rates continue to rise for autism, ADHD, learning disabilities, and other developmental differences, parents face a maze of medical, psychological, and educational choices – and a great deal of emotional stress. Many books address children’s learning or behavior problems and advise parents what they can do to help their kids, but until *Not What I Expected: Help and Hope for Parents of Atypical Children* there were no books that explain what the parents are going through - and how they can cope with their own emotional upheaval – for their own sake, and for the wellbeing of the whole family. With compassion, clarity, and an emphasis on practical solutions, Dr. Rita Eichenstein's *Not What I Expected: Help and Hope for Parents of Atypical Children* walks readers through the five stages of acceptance (similar to the stages of grief, but modified for parents of special-needs kids). Using vivid anecdotes and suggestions, she helps readers understand their own emotional experience, nurture themselves in addition to their kids, identify and address relationship wounds including tension in a marriage and struggles with children (special-needs and neurotypical), and embrace their child with acceptance, compassion and joy.

Nursing Times, Nursing Mirror 1989

Connectography Parag Khanna 2016-04-19 From the visionary bestselling author of *The Second World* and *How to Run the World* comes a bracing and authoritative guide to a future shaped less by national borders than by global supply chains, a world in which the most connected powers—and people—will win. Connectivity is the most revolutionary force of the twenty-first century. Mankind is reengineering the planet, investing up to ten trillion dollars per year in transportation, energy, and communications infrastructure linking the world’s burgeoning megacities together. This has profound consequences for geopolitics, economics, demographics, the environment, and social identity. Connectivity, not geography, is our destiny. In *Connectography*, visionary strategist Parag Khanna travels from Ukraine to Iran, Mongolia to North Korea, Pakistan to Nigeria, and across the Arctic Circle and the South China Sea to explain the rapid and unprecedented changes affecting every part of the planet. He shows how militaries are deployed to protect supply chains as much as borders, and how nations are less at war over territory than engaged in tugs-of-war over pipelines, railways, shipping lanes, and Internet cables. The new arms race is to connect to the most markets—a

race China is now winning, having launched a wave of infrastructure investments to unite Eurasia around its new Silk Roads. The United States can only regain ground by fusing with its neighbors into a super-continental North American Union of shared resources and prosperity. Connectography offers a unique and hopeful vision for the future. Khanna argues that new energy discoveries and technologies have eliminated the need for resource wars; ambitious transport corridors and power grids are unscrambling Africa's fraught colonial borders; even the Arab world is evolving a more peaceful map as it builds resource and trade routes across its war-torn landscape. At the same time, thriving hubs such as Singapore and Dubai are injecting dynamism into young and heavily populated regions, cyber-communities empower commerce across vast distances, and the world's ballooning financial assets are being wisely invested into building an inclusive global society. Beneath the chaos of a world that appears to be falling apart is a new foundation of connectivity pulling it together. Praise for Connectography "Incredible . . . With the world rapidly changing and urbanizing, [Khanna's] proposals might be the best way to confront a radically different future."—The Washington Post "Clear and coherent . . . a well-researched account of how companies are weaving ever more complicated supply chains that pull the world together even as they squeeze out inefficiencies. . . . [He] has succeeded in demonstrating that the forces of globalization are winning."—Adrian Woolridge, The Wall Street Journal "Bold . . . With an eye for vivid details, Khanna has . . . produced an engaging geopolitical travelogue."—Foreign Affairs "For those who fear that the world is becoming too inward-looking, Connectography is a refreshing, optimistic vision."—The Economist "Connectivity has become a basic human right, and gives everyone on the planet the opportunity to provide for their family and contribute to our shared future. Connectography charts the future of this connected world."—Marc Andreessen, general partner, Andreessen Horowitz "Khanna's scholarship and foresight are world-class. A must-read for the next president."—Chuck Hagel, former U.S. secretary of defense This title has complex layouts that may take longer to download.

Schools of Hellas Kenneth John Freeman 1907

Prius Or Pickup? Marc Hetherington 2018-10-09 Two award-winning political scientists provide the psychological key to America's deadlocked politics, showing that we are divided not by ideologies but something deeper: personality differences that appear in everything from politics to parenting to the workplace to TV preferences, and which would be innocuous if only we could decouple them from our noxious political debate. What's in your garage: a Prius or a pickup? What's in your coffee cup: Starbucks or Dunkin' Donuts? What about your pet: cat or dog? As award-winning political scholars Marc Hetherington and Jonathan Weiler explain, even our smallest choices speak volumes about us--especially when it comes to our personalities and our politics. Liberals and conservatives seem to occupy different worlds because we have fundamentally different worldviews: systems of values that can be quickly diagnosed with a handful of simple parenting questions, but which shape our lives and decisions in the most elemental ways. If we're to overcome our seemingly intractable differences, Hetherington and Weiler show, we must first learn to master the psychological impulses that give rise to them, and to understand how politicians manipulate our mindsets for their own benefit. Drawing on groundbreaking original research, *Prius or Pickup?* is an incisive, illuminating study of the fracturing of the American mind.

The Tao of Health, Sex, and Longevity Daniel Reid 1989-07-15 Discusses the philosophy of Tao and offers information on diet and nutrition, fasting, breathing exercises, physical

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exercises, acupuncture, massage, birth control, sex therapy, and meditation

What Management Is Joan Magretta 2012-12-06 A book about management, described by guru Peter Drucker as 'a first rate as an introduction for the non-manager and especially for the beginner, but equally excellent as a rounded, complete, and comprehensive `refresher course' for the most experienced executive.' Both a beginner's guide and a bible for one of the greatest social innovations of modern times: the discipline of management. Leading business editor Joan Magretta distils the wisdom of a bewildering sea of books and articles into one simple, clear volume, explaining both the logic of successful organisations and how that logic is embodied in practice by management. Newcomers will find the basics demystified. More experienced managers will recognise a store of useful wisdom and a framework for improving their own performance. In general, the book defines a common standard of managerial literacy that will help all of us to lead more effectively.

Dark Lover (Wal-Mart Edition) J. R. Ward 2007-10-01

Fluid Mechanics Merle C. Potter 1982

A Half-Built Garden Ruthanna Emrys 2022-07-26 A literary descendent of Ursula K. Le Guin, Ruthanna Emrys crafts a novel of extraterrestrial diplomacy and urgent climate repair bursting with quiet, tenuous hope and an underlying warmth. A Half-Built Garden depicts a world worth building towards, a humanity worth saving from itself, and an alien community worth entering with open arms. It's not the easiest future to build, but it's one that just might be in reach. On a warm March night in 2083, Judy Wallach-Stevens wakes to a warning of unknown pollutants in the Chesapeake Bay. She heads out to check what she expects to be a false alarm—and stumbles upon the first alien visitors to Earth. These aliens have crossed the galaxy to save humanity, convinced that the people of Earth must leave their ecologically-ravaged planet behind and join them among the stars. And if humanity doesn't agree, they may need to be saved by force. But the watershed networks that rose up to save the planet from corporate devastation aren't ready to give up on Earth. Decades ago, they reorganized humanity around the hope of keeping the world liveable. By sharing the burden of decision-making, they've started to heal our wounded planet. Now corporations, nation-states, and networks all vie to represent humanity to these powerful new beings, and if anyone accepts the aliens' offer, Earth may be lost. With everyone's eyes turned skyward, the future hinges on Judy's effort to create understanding, both within and beyond her own species. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

The Plant Hunter Cassandra Leah Quave 2022-06-14 A leading medical ethnobotanist tells us the story of her quest to develop new ways to fight illness and disease through the healing powers of plants in this uplifting and adventure-filled memoir. Plants are the basis for an array of lifesaving and health-improving medicines we all now take for granted. Ever taken an aspirin? Thank a willow tree for that. What about life-saving medicines for malaria? Some of those are derived from cinchona and wormwood. In today's world of synthetic pharmaceuticals, scientists and laypeople alike have lost this connection to the natural world. But by ignoring the potential of medicinal plants, we are losing out on the opportunity to discover new life-saving medicines needed in the fight against the greatest medical challenge of this century: the rise of the post-antibiotic era. Antibiotic-resistant microbes plague us all.

Each year, 700,000 people die due to these untreatable infections; by 2050, 10 million annual deaths are expected unless we act now. No one understands this better than Dr. Cassandra Quave, whose groundbreaking research as a leading medical ethnobotanist--someone who identifies and studies plants that may be able to treat antimicrobial resistance and other threatening illnesses--is helping to provide clues for the next generation of advanced medicines. In *The Plant Hunter*, Dr. Quave weaves together science, botany, and memoir to tell us the extraordinary story of her own journey. Traveling by canoe, ATV, mule, airboat, and on foot, she has conducted field research in the flooded forests of the remote Amazon, the murky swamps of southern Florida, the rolling hills of central Italy, isolated mountaintops in Albania and Kosovo, and volcanic isles arising out of the Mediterranean—all in search of natural compounds, long-known to traditional healers, that could help save us all from the looming crisis of untreatable superbugs. And as a person born with multiple congenital defects of her skeletal system, she's done it all with just one leg. Filled with grit, tragedy, triumph, awe, and scientific discovery, her story illuminates how the path forward for medical discovery may be found in nature's oldest remedies.

Prentice Hall Physical Science Concepts in Action Program Planner National Chemistry Physics Earth Science 2003-11 Prentice Hall Physical Science: Concepts in Action helps students make the important connection between the science they read and what they experience every day. Relevant content, lively explorations, and a wealth of hands-on activities take students' understanding of science beyond the page and into the world around them. Now includes even more technology, tools and activities to support differentiated instruction!

Little Fires Everywhere (Movie Tie-In) Celeste Ng 2020-03-17 The #1 New York Times bestseller! Now a Hulu original series starring Reese Witherspoon and Kerry Washington. "I read *Little Fires Everywhere* in a single, breathless sitting." —Jodi Picoult "To say I love this book is an understatement. It's a deep psychological mystery about the power of motherhood, the intensity of teenage love, and the danger of perfection. It moved me to tears." —Reese Witherspoon "Extraordinary . . . books like *Little Fires Everywhere* don't come along often." —John Green From the bestselling author of *Everything I Never Told You*, a riveting novel that traces the intertwined fates of the picture-perfect Richardson family and the enigmatic mother and daughter who upend their lives. In Shaker Heights, a placid, progressive suburb of Cleveland, everything is planned—from the layout of the winding roads, to the colors of the houses, to the successful lives its residents will go on to lead. And no one embodies this spirit more than Elena Richardson, whose guiding principle is playing by the rules. Enter Mia Warren—an enigmatic artist and single mother—who arrives in this idyllic bubble with her teenaged daughter Pearl, and rents a house from the Richardsons. Soon Mia and Pearl become more than tenants: all four Richardson children are drawn to the mother-daughter pair. But Mia carries with her a mysterious past and a disregard for the status quo that threatens to upend this carefully ordered community. When old family friends of the Richardsons attempt to adopt a Chinese-American baby, a custody battle erupts that dramatically divides the town—and puts Mia and Elena on opposing sides. Suspicious of Mia and her motives, Elena is determined to uncover the secrets in Mia's past. But her obsession will come at unexpected and devastating costs. *Little Fires Everywhere* explores the weight of secrets, the nature of art and identity, and the ferocious pull of motherhood—and the danger of believing that following the rules can avert disaster. Named a Best Book of the Year by: People, The Washington Post, Bustle, Esquire, Southern Living, The Daily Beast, GQ,

Entertainment Weekly, NPR, Amazon, Barnes & Noble, iBooks, Audible, Goodreads, Library Reads, Book of the Month, Paste, Kirkus Reviews, St. Louis Post-Dispatch, and many more... Perfect for book clubs! Visit celesteng.com for discussion guides and more.

Fundamentals of Fluid Mechanics Bruce Roy Munson 1999

Tomaz Humar Bernadette McDonald 2010-01-26 In August, 2005, Tomaž Humar was trapped on a narrow ledge at 5900 metres on the formidable Rupal Face of Nanga Parbat. He had been attempting a new route, directly up the middle of the highest mountain face in the world - solo. After six days he was out of food, almost out of fuel and frequently buried by avalanches. Three helicopters were poised for a brief break in the weather to pluck him off the mountain. Because of the audacity of the climb, the fame of the climber, the high risk associated with the rescue, and the hourly reports posted on his base-camp website, the world was watching. Would this be the most spectacular rescue in climbing history? Or a tragic - and very public - death in the mountains? Years before, as communism was collapsing and the Balkans slid into chaos, Humar was unceremoniously conscripted into a dirty war that he despised, where he observed brutal and inhumane atrocities that disgusted him. Finally he did the unthinkable: he left and finally arrived home in what had become a new country - Slovenia. He returned to climbing, and within very few years, he was among the best in the world. Reinhold Messner, among others, called him the most remarkable mountain climber of his generation. His routes are seldom repeated; most consider them to be suicidal; yet he often climbs them solo. As this book was being written, he achieved the first-ever solo ascent of the east summit of Annapurna. Tomaž Humar has cooperated with Bernadette McDonald, the distinguished former director of the Banff Festival and author of several books on mountaineering, to tell his utterly remarkable story.

Christus Vivit Pope Francis 2019-04-04 To young Christians of the world, Pope Francis has a message for you: "Christ is alive, and he wants you to be alive!" In his fourth apostolic exhortation, *Christus Vivit*, Pope Francis encapsulates the work of the 2018 synod of bishops on "Young People, The Faith, and Vocational Discernment." Pope Francis has always had a special relationship with young people, and in his fatherly love for you he shows that: You can relate to young people in Scripture who made a difference You identify with the Christ who is always young You face difficult issues in the world today You yearn for the truth of the Gospel You are capable of amazing things when you respond to the Gospel You learn and grow with help from the faithful of all generations You need bold and creative youth ministry You can discover who God made you to be You are urged to pray for discernment *Christus Vivit* is written for and to young people, but Pope Francis also wrote it for the entire Church, because, as he says, reflecting on our young people inspires us all. "May the Holy Spirit urge you on as you run this race. The Church needs your momentum, your intuitions, your faith. We need them! And when you arrive where we have not yet reached, have the patience to wait for us."

Focus on Physical Science California Edition 2007-03-30

Outbound Train Renea Winchester 2020-04 In 1976, memories from a night near the railroad tracks sixteen years earlier haunt Barbara Parker. She wrestles with past demons every night, then wakes to the train's five-thirty whistle. Exhausted and dreading the day, she keeps her hands busy working in Bryson City's textile plant, known as the "blue jean plant,"

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all the while worrying about her teenage daughter, Carole Anne. The whistle of the train, the hum of those machines, and the struggle to survive drives Barbara. When an unexpected layoff creates a financial emergency, the desperate pressure of poverty is overwhelming. Unbeknownst to Barbara, Carole Anne sneaks out at night to walk the tracks so she can work at Hubert's Bar. She's hoarding money with plans to drive her mother's rusty, unused Oldsmobile out of Bryson City, and never return. She only needs one opportunity ... if she can just find it. When Carole Anne goes missing, Barbara finds herself at a crossroad--she must put aside old memories and past hurts to rely on a classmate for help finding her daughter. But this is the same man she blames for the incident years ago. Is she strong enough--or desperate enough--to do anything to keep her daughter safe? In *Outbound Train*, the Parker women struggle to make frayed ends meet in a town where they never quite do ... at least, not without expert weaving and a bit of brute force.

Reading and Writing in Science Maria C. Grant 2015-01-21 Engage your students in scientific thinking across disciplines! Did you know that scientists spend more than half of their time reading and writing? Students who are science literate can analyze, present, and defend data - both orally and in writing. The updated edition of this bestseller offers strategies to link the new science standards with literacy expectations, and specific ideas you can put to work right away. Features include: A discussion of how to use science to develop essential 21st century skills Instructional routines that help students become better writers Useful strategies for using complex scientific texts in the classroom Tools to monitor student progress through formative assessment Tips for high-stakes test preparation

Ohio Stephen Markley 2019-06-04 "Extraordinary...beautifully precise...[an] earnestly ambitious debut."—The New York Times Book Review "A wild, angry, and devastating masterpiece of a book."—NPR "[A] descendent of the Dickensian 'social novel' by way of Jonathan Franzen: epic fiction that lays bare contemporary culture clashes, showing us who we are and how we got here."—O, The Oprah Magazine One sweltering night in 2013, four former high school classmates converge on their hometown in northeastern Ohio. There's Bill Ashcraft, a passionate, drug-abusing young activist whose flailing ambitions have taken him from Cambodia to Zuccotti Park to post-BP New Orleans, and now back home with a mysterious package strapped to the undercarriage of his truck; Stacey Moore, a doctoral candidate reluctantly confronting her family and the mother of her best friend and first love, whose disappearance spurs the mystery at the heart of the novel; Dan Eaton, a shy veteran of three tours in Iraq, home for a dinner date with the high school sweetheart he's tried desperately to forget; and the beautiful, fragile Tina Ross, whose rendezvous with the washed-up captain of the football team triggers the novel's shocking climax. Set over the course of a single evening, Ohio toggles between the perspectives of these unforgettable characters as they unearth dark secrets, revisit old regrets and uncover—and compound—bitter betrayals. Before the evening is through, these narratives converge masterfully to reveal a mystery so dark and shocking it will take your breath away.

The Royal Path of Life Thomas Louis Haines 1882

[The Art of Negotiation](#) Michael Wheeler 2013-10-08 A member of the world renowned Program on Negotiation at Harvard Law School introduces the powerful next-generation approach to negotiation. A member of the world-renowned Program on Negotiation at Harvard Law School introduces the powerful next-generation approach to negotiation. For

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many years, two approaches to negotiation have prevailed: the “win-win” method exemplified in *Getting to Yes* by Roger Fisher, William Ury, and Bruce Patton; and the hard-bargaining style of Herb Cohen’s *You Can Negotiate Anything*. Now award-winning Harvard Business School professor Michael Wheeler provides a dynamic alternative to one-size-fits-all strategies that don’t match real world realities. *The Art of Negotiation* shows how master negotiators thrive in the face of chaos and uncertainty. They don’t trap themselves with rigid plans. Instead they understand negotiation as a process of exploration that demands ongoing learning, adapting, and influencing. Their agility enables them to reach agreement when others would be stalemated. Michael Wheeler illuminates the improvisational nature of negotiation, drawing on his own research and his work with Program on Negotiation colleagues. He explains how the best practices of diplomats such as George J. Mitchell, dealmaker Bruce Wasserstein, and Hollywood producer Jerry Weintraub apply to everyday transactions like selling a house, buying a car, or landing a new contract. Wheeler also draws lessons on agility and creativity from fields like jazz, sports, theater, and even military science.

Munson, Young and Okiishi's Fundamentals of Fluid Mechanics Philip M. Gerhart
2020-12-03 Original edition: Munson, Young, and Okiishi in 1990.

The Networked Nonprofit Beth Kanter 2010-07-01 *The Networked Nonprofit Connecting with Social Media to Drive Change* This groundbreaking book shows nonprofits a new way of operating in our increasingly connected world: a networked approach enabled by social technologies, where connections are leveraged to increase impact in effective ways that drive change for the betterment of our society and planet. "The Networked Nonprofit is a must-read for any nonprofit organization seeking innovative, creative techniques to improve their mission and better serve their communities." —Diana Aviv, president and CEO, Independent Sector "The Internet means never having to ask permission before trying something new. In *The Networked Nonprofit*, Kanter and Fine show nonprofits how to harness this flexibility to pursue their missions in partnership with two billion connected citizens." —Clay Shirky, author, *Here Comes Everybody: The Power of Organizing Without Organizations* "The Networked Nonprofit uniquely describes the historical context and the current challenges that compel nonprofit leaders to work in networked ways and offers easy steps to help users exploit the potential of social media and 'working wikily.'" —Stephanie McAuliffe, director, organizational effectiveness, The David and Lucile Packard Foundation "A must-read for nonprofit leaders who want to change their organizations from the inside out by embracing the power of social networks." —Charlene Li, founding partner, Altimeter Group; author, *Open Leadership*; and coauthor, *Groundswell* "This is a perfect handbook for anyone who wants to leapfrog their current limitations of understanding and find real-world applications of technology to extend their mission." —Michele Nunn, CEO, Points of Light Institute, and cofounder, HandsOn Network "Kanter and Fine provide the 'Google Maps' for nonprofits to harness social media to kick butt and change the world." —Guy Kawasaki, cofounder, Alltop.com, and former chief evangelist, Apple Inc. "URGENT! Read this book. Take notes. Take action. If you work for a nonprofit, you don't have to do every single thing these seasoned authors have to share, but you certainly have to know what you're missing." —Seth Godin Register at www.josseybass.com/email for more information on our publications, authors, and to receive special offers.

Engine Modeling and Control Rolf Isermann 2014-07-01 The increasing demands for

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internal combustion engines with regard to fuel consumption, emissions and driveability lead to more actuators, sensors and complex control functions. A systematic implementation of the electronic control systems requires mathematical models from basic design through simulation to calibration. The book treats physically-based as well as models based experimentally on test benches for gasoline (spark ignition) and diesel (compression ignition) engines and uses them for the design of the different control functions. The main topics are: - Development steps for engine control - Stationary and dynamic experimental modeling - Physical models of intake, combustion, mechanical system, turbocharger, exhaust, cooling, lubrication, drive train - Engine control structures, hardware, software, actuators, sensors, fuel supply, injection system, camshaft - Engine control methods, static and dynamic feedforward and feedback control, calibration and optimization, HiL, RCP, control software development - Control of gasoline engines, control of air/fuel, ignition, knock, idle, coolant, adaptive control functions - Control of diesel engines, combustion models, air flow and exhaust recirculation control, combustion-pressure-based control (HCCI), optimization of feedforward and feedback control, smoke limitation and emission control This book is an introduction to electronic engine management with many practical examples, measurements and research results. It is aimed at advanced students of electrical, mechanical, mechatronic and control engineering and at practicing engineers in the field of combustion engine and automotive engineering.

1 Pound a Day Roni DeLuz 2014-03-11 "From the authors of the hit diet book, 21 Pounds in 21 Days, an expanded, simplified, month-long program to cleanse your body, as well as a new plan for keeping it clean for the rest of your life"--

Dune (Movie Tie-In) Frank Herbert 2021 Follows the adventures of Paul Atreides, the son of a betrayed duke given up for dead on a treacherous desert planet and adopted by its fierce, nomadic people, who help him unravel his most unexpected destiny.

The Coding Manual for Qualitative Researchers Johnny Saldaña 2012-10-04 The Second Edition of Johnny Saldaña's international bestseller provides an in-depth guide to the multiple approaches available for coding qualitative data. Fully up to date, it includes new chapters, more coding techniques and an additional glossary. Clear, practical and authoritative, the book: -describes how coding initiates qualitative data analysis -demonstrates the writing of analytic memos -discusses available analytic software -suggests how best to use The Coding Manual for Qualitative Researchers for particular studies. In total, 32 coding methods are profiled that can be applied to a range of research genres from grounded theory to phenomenology to narrative inquiry. For each approach, Saldaña discusses the method's origins, a description of the method, practical applications, and a clearly illustrated example with analytic follow-up. A unique and invaluable reference for students, teachers, and practitioners of qualitative inquiry, this book is essential reading across the social sciences.

100 Instructive Calculus-Based Physics Examples Chris McMullen 2017-05-17 Work through 125 standard physics problems with 125 fully-solved examples. Each example breaks the solution down to make it easier to understand, written explanations explain the math step-by-step.

Webster's New World Essential Vocabulary David A Herzog 2013-02-28 EXPAND YOUR VOCABULARY--FOR BETTER TEST SCORES AND BETTER COMMUNICATION You probably

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can't learn all the hundreds of thousands of words in the English language--but you can learn those difficult words you're most likely to need to know. If you want to increase your vocabulary for standardized tests or just better communication, Webster's New World Essential Vocabulary is the only tool you need. It presents essential words with definitions, example sentences, synonyms, and tense forms. In addition to the most frequently tested terms from the SAT and GRE tests, Webster's New World Essential Vocabulary also includes helpful appendices on foreign phrases, prefixes, and suffixes. Together, these 1,500 words and definitions not only prepare you for tough tests, but also dramatically improve your communication skills for the business world or studying English as a second language. Whether you're worried about college entrance exams or just want to be better with words, this practical, helpful resource gives you the tools you need to read, speak, and write more persuasively, and communicate more effectively. Plus, Handy self-tests let you gauge your understanding of words and meaning, so you can measure your progress as you go!

Fluid Mechanics Pijush K. Kundu 2012 Suitable for both a first or second course in fluid mechanics at the graduate or advanced undergraduate level, this book presents the study of how fluids behave and interact under various forces and in various applied situations - whether in the liquid or gaseous state or both.

Math in Society David Lippman 2012-09-07 Math in Society is a survey of contemporary mathematical topics, appropriate for a college-level topics course for liberal arts major, or as a general quantitative reasoning course. This book is an open textbook; it can be read free online at <http://www.opentextbookstore.com/mathinsociety/>. Editable versions of the chapters are available as well.

Project Management in the Oil and Gas Industry Mohamed A. El-Reedy 2016-02-19 Oil and gas projects have special characteristics that need a different technique in project management. The development of any country depends on the development of the energy reserve through investing in oil and gas projects through onshore and offshore exploration, drilling, and increasing facility capacities. Therefore, these projects need a sort of management match with their characteristics, and project management is the main tool to achieving a successful project. Written by a veteran project manager who has specialized in oil and gas projects for years, this book focuses on using practical tools and methods that are widely and successfully used in project management for oil and gas projects. Most engineers study all subjects, but focus on project management in housing projects, administration projects, and commercial buildings or other similar projects. However, oil and gas projects have their own requirements and characteristics in management from the owners, engineering offices, and contractors' side. Not only useful to graduating engineers, new hires, and students, this volume is also an invaluable addition to any veteran project manager's library as a reference or a helpful go-to guide. Also meant to be a refresher for practicing engineers, it covers all of the project management subjects from an industrial point of view specifically for petroleum projects, making it the perfect desktop manual. Not just for project managers and students, this book is helpful to any engineering discipline or staff in sharing or applying the work of a petroleum project and is a must-have for anyone working in this industry.

Born to Run Christopher McDougall 2011 Recounts the author's experiences with the reclusive Tarahumara Indians, whose techniques allow them to run long distances with ease,

and describes his training for a fifty-mile race with the tribe and a number of ultramarathoners.

Horse Geraldine Brooks 2022-06-14 “Brooks’ chronological and cross-disciplinary leaps are thrilling.” —The New York Times Book Review “Horse isn’t just an animal story—it’s a moving narrative about race and art.” —TIME A discarded painting in a junk pile, a skeleton in an attic, and the greatest racehorse in American history: from these strands, a Pulitzer Prize winner braids a sweeping story of spirit, obsession, and injustice across American history Kentucky, 1850. An enslaved groom named Jarret and a bay foal forge a bond of understanding that will carry the horse to record-setting victories across the South. When the nation erupts in civil war, an itinerant young artist who has made his name on paintings of the racehorse takes up arms for the Union. On a perilous night, he reunites with the stallion and his groom, very far from the glamor of any racetrack. New York City, 1954. Martha Jackson, a gallery owner celebrated for taking risks on edgy contemporary painters, becomes obsessed with a nineteenth-century equestrian oil painting of mysterious provenance. Washington, DC, 2019. Jess, a Smithsonian scientist from Australia, and Theo, a Nigerian-American art historian, find themselves unexpectedly connected through their shared interest in the horse—one studying the stallion’s bones for clues to his power and endurance, the other uncovering the lost history of the unsung Black horsemen who were critical to his racing success. Based on the remarkable true story of the record-breaking thoroughbred Lexington, *Horse* is a novel of art and science, love and obsession, and our unfinished reckoning with racism.

Prentice Hall Physical Science Michael Wysession 2008-03-30 *Prentice Hall Physical Science: Concepts in Action* helps students make the important connection between the science they read and what they experience every day. Relevant content, lively explorations, and a wealth of hands-on activities take students' understanding of science beyond the page and into the world around them. Now includes even more technology, tools and activities to support differentiated instruction!

Machine Learning Control - Taming Nonlinear Dynamics and Turbulence Thomas Duriez 2016-11-02 This is the first textbook on a generally applicable control strategy for turbulence and other complex nonlinear systems. The approach of the book employs powerful methods of machine learning for optimal nonlinear control laws. This machine learning control (MLC) is motivated and detailed in Chapters 1 and 2. In Chapter 3, methods of linear control theory are reviewed. In Chapter 4, MLC is shown to reproduce known optimal control laws for linear dynamics (LQR, LQG). In Chapter 5, MLC detects and exploits a strongly nonlinear actuation mechanism of a low-dimensional dynamical system when linear control methods are shown to fail. Experimental control demonstrations from a laminar shear-layer to turbulent boundary-layers are reviewed in Chapter 6, followed by general good practices for experiments in Chapter 7. The book concludes with an outlook on the vast future applications of MLC in Chapter 8. Matlab codes are provided for easy reproducibility of the presented results. The book includes interviews with leading researchers in turbulence control (S. Bagheri, B. Batten, M. Glauser, D. Williams) and machine learning (M. Schoenauer) for a broader perspective. All chapters have exercises and supplemental videos will be available through YouTube.

[Ancient Mesopotamia](#) A. Leo Oppenheim 2013-01-31 "This splendid work of scholarship . . .

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sums up with economy and power all that the written record so far deciphered has to tell about the ancient and complementary civilizations of Babylon and Assyria."—Edward B. Garside, New York Times Book Review Ancient Mesopotamia—the area now called Iraq—has received less attention than ancient Egypt and other long-extinct and more spectacular civilizations. But numerous small clay tablets buried in the desert soil for thousands of years make it possible for us to know more about the people of ancient Mesopotamia than any other land in the early Near East. Professor Oppenheim, who studied these tablets for more than thirty years, used his intimate knowledge of long-dead languages to put together a distinctively personal picture of the Mesopotamians of some three thousand years ago. Following Oppenheim's death, Erica Reiner used the author's outline to complete the revisions he had begun. "To any serious student of Mesopotamian civilization, this is one of the most valuable books ever written."—Leonard Cottrell, Book Week "Leo Oppenheim has made a bold, brave, pioneering attempt to present a synthesis of the vast mass of philological and archaeological data that have accumulated over the past hundred years in the field of Assyriological research."—Samuel Noah Kramer, Archaeology A. Leo Oppenheim, one of the most distinguished Assyriologists of our time, was editor in charge of the Assyrian Dictionary of the Oriental Institute and John A. Wilson Professor of Oriental Studies at the University of Chicago.

Unseen Forces Manly P. Hall 2019-01-13 This book by Canadian-born mystical writer Manly P. Hall comprises of a series of lectures on nature spirits, thought forms, ghosts and specters, the dweller on the threshold. This compilation was first published in 1924.

Diabetes Francine R. Kaufman, M.D. 2005-03-01 Experts now predict that more than one-third of American children born in 2000 will develop diabetes in their lifetime. Written by one of the world's leading authorities on the link between obesity and diabetes, this passionate, frightening—but ultimately hopeful—book points the way to a solution. To enter Dr. Francine Kaufman's clinic is to see the future of America: a 220-pound twelve-year-old boy...a 267-pound thirteen-year-old girl...their concerned but equally overweight parents...the human faces and human suffering behind the epidemic of type 2 diabetes that threatens to overwhelm our health care system. Once a disease of the elderly, type 2 diabetes now strikes adults in their prime—and, increasingly, children. It has nearly doubled in the last decade. The cause? Our soaring rates of obesity. *Diabetes* takes us to the front lines of the fight against this preventable but deadly disease. Through vivid patient stories, it explains how excess weight destroys the body's ability to process sugar properly—with life-threatening consequences. It shows what happens when the genes that evolved to protect us from famine collide with a sedentary lifestyle that has put bacon cheeseburgers on every corner. And it demonstrates why our usual blame-the-victim response is futile in face of the complex, worldwide forces behind this epidemic. Detailing the tools for change at every level—from families to school systems to government—and reporting on innovative programs that are already making a difference, *Diabetes* offers a compelling action plan for winning this battle.