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Fundamentals of Electrical Engineering - Dr. Yaduvir Singh 2010-02

Reintroducing Macroeconomics: A Critical Approach - Steven Mark Cohn 2015-01-28

This lively introduction to heterodox economics provides a balanced critique of the standard introductory macroeconomic curriculum. In clear and accessible prose, it explains many of the key principles that underlie a variety of alternative theoretical perspectives (including institutionalist economics, radical economics, Post Keynesian economics, feminist economics, ecological economics, Marxist economics, social economics, and socioeconomics). Because the book's structure parallels the chapters and subject matter presented in a typical introductory macroeconomics textbook, "Reintroducing Macroeconomics" provides readers with a running commentary on the standard approach, while simultaneously introducing them to a broader range of ideas about the causes and appropriate policy responses to a wide range of common economic problems. Although designed primarily as a companion volume for students in introductory economics courses, the book can also be used effectively for more targeted applications that highlight a particular economic issue or

approach. It will be of particular interest to students in related disciplines (such as American Studies, anthropology, black studies, environmental studies, gender studies, history, political science, and sociology) who may be required to take introductory economics classes and who are interested in gaining an alternative perspective. By demonstrating the vitality and common ground underlying a broad spectrum of heterodox approaches, "Reintroducing Macroeconomics" brings alternative perspectives into the classroom in an accessible way that empowers students to think about the economy in new and exciting ways. The text includes end-of-chapter study questions, as well as a detailed note to instructors.

Networks, Crowds, and Markets - David Easley 2010-07-19

Are all film stars linked to Kevin Bacon? Why do the stock markets rise and fall sharply on the strength of a vague rumour? How does gossip spread so quickly? Are we all related through six degrees of separation? There is a growing awareness of the complex networks that pervade modern society. We see them in the rapid growth of the Internet, the ease of global communication, the swift spread of news and information, and in the way epidemics and financial crises develop with startling speed and

intensity. This introductory book on the new science of networks takes an interdisciplinary approach, using economics, sociology, computing, information science and applied mathematics to address fundamental questions about the links that connect us, and the ways that our decisions can have consequences for others.

Digital Rubbish - Jennifer Gabrys 2013-04-29
This is a study of the material life of information and its devices; of electronic waste in its physical and electronic incarnations; a cultural and material mapping of the spaces where electronics in the form of both hardware and information accumulate, break down, or are stowed away. Where other studies have addressed "digital" technology through a focus on its immateriality or virtual qualities, Gabrys traces the material, spatial, cultural and political infrastructures that enable the emergence and dissolution of these technologies. In the course of her book, she explores five interrelated "spaces" where electronics fall apart: from Silicon Valley to Nasdaq, from containers bound for China to museums and archives that preserve obsolete electronics as cultural artifacts, to the landfill as material repository. *Digital Rubbish: A Natural History of Electronics* describes the materiality of electronics from a unique perspective, examining the multiple forms of waste that electronics create as evidence of the resources, labor, and imaginaries that are bundled into these machines. Ranging across studies of media and technology, as well as environments, geography, and design, Jennifer Gabrys draws together the far-reaching material and cultural processes that enable the making and breaking of these technologies.

Biochips and Medical Imaging - Shan Xiang Wang 2022-07-19
Advanced, recent developments in biochips and medical imaging *Biochips and Medical Imaging* is designed as a professional resource, covering recent biochip and medical imaging developments. Within the text, the authors encourage uniting aspects of engineering, biology, and medicine to facilitate advancements in the field of molecular diagnostics and imaging. Biochips are microchips for efficiently screening biological analytes. This book aims at

presenting information on the state-of-the-art and emerging biosensors, biochips, and imaging devices of the body's systems, including the endocrine, circulatory, and immune systems. Medical diagnostics includes biochips (in-vitro diagnostics) and medical and molecular imaging (in-vivo imaging). *Biochips and Medical Imaging* explores the role of in-vitro and in-vivo diagnostics. It enables an instructor to share in-depth examples of the use of biochips in diagnosing cancer and cardiovascular diseases. Provides real-life knowledge on biochips and medical imaging, written by leading researchers Serves as a resource for professionals working in the biochip or imaging fields Features an accessible approach for anyone interested in biochips and their applications Readers of *Biochips and Medical Imaging* can expand their knowledge of medical technology, even if they have no biological knowledge and a limited math background. With its focus on important developments, this book is sure to also capture the interest of bioengineering and biomaterials scientists, structural biologists, electrical engineers, and nanotechnologists.

Principles and Practice of Critical Care Toxicology - Omender Singh 2019-05-31

GaN Transistors for Efficient Power Conversion - Alex Lidow 2019-08-23

An up-to-date, practical guide on upgrading from silicon to GaN, and how to use GaN transistors in power conversion systems design This updated, third edition of a popular book on GaN transistors for efficient power conversion has been substantially expanded to keep students and practicing power conversion engineers ahead of the learning curve in GaN technology advancements. Acknowledging that GaN transistors are not one-to-one replacements for the current MOSFET technology, this book serves as a practical guide for understanding basic GaN transistor construction, characteristics, and applications. Included are discussions on the fundamental physics of these power semiconductors, layout, and other circuit design considerations, as well as specific application examples demonstrating design techniques when employing GaN devices. *GaN Transistors for Efficient Power Conversion, 3rd Edition* brings key updates to the chapters of

Driving GaN Transistors; Modeling, Simulation, and Measurement of GaN Transistors; DC-DC Power Conversion; Envelope Tracking; and Highly Resonant Wireless Energy Transfer. It also offers new chapters on Thermal Management, Multilevel Converters, and Lidar, and revises many others throughout. Written by leaders in the power semiconductor field and industry pioneers in GaN power transistor technology and applications Updated with 35% new material, including three new chapters on Thermal Management, Multilevel Converters, Wireless Power, and Lidar Features practical guidance on formulating specific circuit designs when constructing power conversion systems using GaN transistors A valuable resource for professional engineers, systems designers, and electrical engineering students who need to fully understand the state-of-the-art GaN Transistors for Efficient Power Conversion, 3rd Edition is an essential learning tool and reference guide that enables power conversion engineers to design energy-efficient, smaller, and more cost-effective products using GaN transistors.

The Shock Doctrine - Naomi Klein 2010-04-01
The bestselling author of *No Logo* shows how the global "free market" has exploited crises and shock for three decades, from Chile to Iraq In her groundbreaking reporting, Naomi Klein introduced the term "disaster capitalism." Whether covering Baghdad after the U.S. occupation, Sri Lanka in the wake of the tsunami, or New Orleans post-Katrina, she witnessed something remarkably similar. People still reeling from catastrophe were being hit again, this time with economic "shock treatment," losing their land and homes to rapid-fire corporate makeovers. The *Shock Doctrine* retells the story of the most dominant ideology of our time, Milton Friedman's free market economic revolution. In contrast to the popular myth of this movement's peaceful global victory, Klein shows how it has exploited moments of shock and extreme violence in order to implement its economic policies in so many parts of the world from Latin America and Eastern Europe to South Africa, Russia, and Iraq. At the core of disaster capitalism is the use of cataclysmic events to advance radical privatization combined with the privatization of the disaster response itself. Klein argues that by

capitalizing on crises, created by nature or war, the disaster capitalism complex now exists as a booming new economy, and is the violent culmination of a radical economic project that has been incubating for fifty years.

Drawn with the Sword - James M. McPherson 1997

The author of the Pulitzer Prize-winning *Battle Cry of Freedom* shares a collection of thought-provoking essays on the Civil War, discussing the leaders of the era, the international impact of the war, slavery, the problems with the modern study of history, and other topics. UP.

Prominent Families of New York - Lyman Horace Weeks 1898

Under the Eagle - Samuel Holiday 2013-08-13
Samuel Holiday was one of a small group of Navajo men enlisted by the Marine Corps during World War II to use their native language to transmit secret communications on the battlefield. Based on extensive interviews with Robert S. McPherson, *Under the Eagle* is Holiday's vivid account of his own story. It is the only book-length oral history of a Navajo code talker in which the narrator relates his experiences in his own voice and words. *Under the Eagle* carries the reader from Holiday's childhood years in rural Monument Valley, Utah, into the world of the United States's Pacific campaign against Japan—to such places as Kwajalein, Saipan, Tinian, and Iwo Jima. Central to Holiday's story is his Navajo worldview, which shapes how he views his upbringing in Utah, his time at an Indian boarding school, and his experiences during World War II. Holiday's story, coupled with historical and cultural commentary by McPherson, shows how traditional Navajo practices gave strength and healing to soldiers facing danger and hardship and to veterans during their difficult readjustment to life after the war. The Navajo code talkers have become famous in recent years through books and movies that have dramatized their remarkable story. Their wartime achievements are also a source of national pride for the Navajos. And yet, as McPherson explains, Holiday's own experience was "as much mental and spiritual as it was physical." This decorated marine served "under the eagle" not only as a soldier but also as a

Navajo man deeply aware of his cultural obligations.

The Uninhabitable Earth - David Wallace-Wells 2020-03-17

#1 NEW YORK TIMES BESTSELLER • “The Uninhabitable Earth hits you like a comet, with an overflow of insanely lyrical prose about our pending Armageddon.”—Andrew Solomon, author of *The Noonday Demon* With a new afterword It is worse, much worse, than you think. If your anxiety about global warming is dominated by fears of sea-level rise, you are barely scratching the surface of what terrors are possible—food shortages, refugee emergencies, climate wars and economic devastation. An “epoch-defining book” (*The Guardian*) and “this generation’s *Silent Spring*” (*The Washington Post*), *The Uninhabitable Earth* is both a travelogue of the near future and a meditation on how that future will look to those living through it—the ways that warming promises to transform global politics, the meaning of technology and nature in the modern world, the sustainability of capitalism and the trajectory of human progress. *The Uninhabitable Earth* is also an impassioned call to action. For just as the world was brought to the brink of catastrophe within the span of a lifetime, the responsibility to avoid it now belongs to a single generation—today’s. Praise for *The Uninhabitable Earth* “The Uninhabitable Earth is the most terrifying book I have ever read. Its subject is climate change, and its method is scientific, but its mode is Old Testament. The book is a meticulously documented, white-knuckled tour through the cascading catastrophes that will soon engulf our warming planet.”—Farhad Manjoo, *The New York Times* “Riveting. . . . Some readers will find Mr. Wallace-Wells’s outline of possible futures alarmist. He is indeed alarmed. You should be, too.”—*The Economist* “Potent and evocative. . . . Wallace-Wells has resolved to offer something other than the standard narrative of climate change. . . . He avoids the ‘eerily banal language of climatology’ in favor of lush, rolling prose.”—Jennifer Szalai, *The New York Times* “The book has potential to be this generation’s *Silent Spring*.”—*The Washington Post* “The Uninhabitable Earth, which has become a best seller, taps into the underlying emotion of the

day: fear. . . . I encourage people to read this book.”—Alan Weisman, *The New York Review of Books*

Teaching What Really Happened - James W. Loewen 2018-09-07

“Should be in the hands of every history teacher in the country.”—Howard Zinn James Loewen has revised *Teaching What Really Happened*, the bestselling, go-to resource for social studies and history teachers wishing to break away from standard textbook retellings of the past. In addition to updating the scholarship and anecdotes throughout, the second edition features a timely new chapter entitled “Truth” that addresses how traditional and social media can distort current events and the historical record. Helping students understand what really happened in the past will empower them to use history as a tool to argue for better policies in the present. Our society needs engaged citizens now more than ever, and this book offers teachers concrete ideas for getting students excited about history while also teaching them to read critically. It will specifically help teachers and students tackle important content areas, including Eurocentrism, the American Indian experience, and slavery. Book Features: An up-to-date assessment of the potential and pitfalls of U.S. and world history education. Information to help teachers expect, and get, good performance from students of all racial, ethnic, and socioeconomic backgrounds. Strategies for incorporating project-oriented self-learning, having students conduct online historical research, and teaching historiography. Ideas from teachers across the country who are empowering students by teaching what really happened. Specific chapters dedicated to five content topics usually taught poorly in today’s schools.

Electric Machinery Fundamentals - Stephen J. Chapman 2005

Electric Machinery Fundamentals continues to be a best-selling machinery text due to its accessible, student-friendly coverage of the important topics in the field. Chapman’s clear writing persists in being one of the top features of the book. Although not a book on MATLAB, the use of MATLAB has been enhanced in the fourth edition. Additionally, many new problems have been added and

remaining ones modified. Electric Machinery Fundamentals is also accompanied by a website that provides solutions for instructors, as well as source code, MATLAB tools, and links to important sites for students.

Wind Energy Handbook - Tony L. Burton
2021-04-22

Fully updated and authoritative reference to wind energy technology written by leading academic and industry professionals. The newly revised Third Edition of the Wind Energy Handbook delivers a fully updated treatment of key developments in wind technology since the publication of the book's Second Edition in 2011. The criticality of wakes within wind farms is addressed by the addition of an entirely new chapter on wake effects, including 'engineering' wake models and wake control. Offshore, attention is focused for the first time on the design of floating support structures, and the new 'PISA' method for monopile geotechnical design is introduced. The coverage of blade design has been completely rewritten, with an expanded description of laminate fatigue properties and new sections on manufacturing methods, blade testing, leading-edge erosion and bend-twist coupling. These are complemented by new sections on blade add-ons and noise in the aerodynamics chapters, which now also include a description of the Leishman-Beddoes dynamic stall model and an extended introduction to Computational Fluid Dynamics analysis. The importance of the environmental impact of wind farms both on- and offshore is recognized by expanded coverage, and the requirements of the Grid Codes to ensure wind energy plays its full role in the power system are described. The conceptual design chapter has been extended to include a number of novel concepts, including low induction rotors, multiple rotor structures, superconducting generators and magnetic gearboxes. References and further reading resources are included throughout the book and have been updated to cover the latest literature. As in previous editions, the core subjects constituting the essential background to wind turbine and wind farm design are covered. These include: The nature of the wind resource, including geographical variation, synoptic and diurnal variations, and turbulence characteristics. The aerodynamics of horizontal

axis wind turbines, including the actuator disc concept, rotor disc theory, the vortex cylinder model of the actuator disc and the Blade-Element/Momentum theory. Design loads for horizontal axis wind turbines, including the prescriptions of international standards. Alternative machine architectures. The design of key components. Wind turbine controller design for fixed and variable speed machines. The integration of wind farms into the electrical power system. Wind farm design, siting constraints, and the assessment of environmental impact. Perfect for engineers and scientists learning about wind turbine technology, the Wind Energy Handbook will also earn a place in the libraries of graduate students taking courses on wind turbines and wind energy, as well as industry professionals whose work requires a deep understanding of wind energy technology.

The Willpower Instinct - Kelly McGonigal
2013-12-31

Based on Stanford University psychologist Kelly McGonigal's wildly popular course "The Science of Willpower," *The Willpower Instinct* is the first book to explain the science of self-control and how it can be harnessed to improve our health, happiness, and productivity. Informed by the latest research and combining cutting-edge insights from psychology, economics, neuroscience, and medicine, *The Willpower Instinct* explains exactly what willpower is, how it works, and why it matters. For example, readers will learn:

- Willpower is a mind-body response, not a virtue. It is a biological function that can be improved through mindfulness, exercise, nutrition, and sleep.
- Willpower is not an unlimited resource. Too much self-control can actually be bad for your health.
- Temptation and stress hijack the brain's systems of self-control, but the brain can be trained for greater willpower.
- Guilt and shame over your setbacks lead to giving in again, but self-forgiveness and self-compassion boost self-control.
- Giving up control is sometimes the only way to gain self-control.
- Willpower failures are contagious—you can catch the desire to overspend or overeat from your friends—but you can also catch self-control from the right role models.

In the groundbreaking tradition of *Getting Things Done*, *The Willpower Instinct*

combines life-changing prescriptive advice and complementary exercises to help readers with goals ranging from losing weight to more patient parenting, less procrastination, better health, and greater productivity at work.

Music Entrepreneurship - Allan Dumbreck
2015-12-17

The music industries hinge on entrepreneurship. The recent, rapid convergence of media and the parallel ongoing evolution of music businesses have again seen the focus shift to independent companies and individual entrepreneurs.

Opportunities tend not to be advertised in professional music and practically everyone begins on their own: forming a band, starting a record label, running events, or building a website. But it's not an easy territory to navigate or get a handle on. *Music Entrepreneurship* features an analysis of the changing landscape of the music industries and the value of the entrepreneur within them through a series of focused chapters and case studies. Alongside contributions from key academics across the globe, expert contributors from across the industry highlight successful entrepreneurs and offers practical help to the reader trying to navigate the business. Sectors examined include: The value of the music industries Recorded music Live events Branding in music Artist management Digital distribution

[An Introduction to Electrical Machines and Transformers](#) - George McPherson 1990

Electrical engineering students are traditionally given but brief exposure to the important topic of electrical machines and transformers. This text/reference comprises a thorough and accessible introduction to the subject and this Second Edition contains more material on small machinery and a new chapter on the "energy conversion" approach to calculation of magnetically developed forces. A circuit model is developed for each of the basic devices and the physical basis of each model is explained. Chapters are relatively independent of one another and follow the same general plan--coverage is broad and deep enough to permit flexibility in course design.

Introducing Public Administration - Jay M. Shafritz 2015-07-17

Updated in its 8th edition, *Introducing Public Administration* provides readers with a solid,

conceptual foundation in public administration, and contains the latest information on important trends in the discipline. Known for their lively and witty writing style, Shafritz, Russell, and Borick cover the most important issues in public administration using examples from various disciplines and modern culture. This approach captivates readers and encourages them to think critically about the nature of public administration today.

Amongst Digital Humanists - Smiljana Antonijević 2016-04-29

Amongst Digital Humanists brings an ethnographic account of the changing landscape of humanities scholarship as it affects individual scholars, academic fields and institutions, and argues for a pluralistic vision of digital knowledge production in the humanities.

None of Your Business - Peter P. Swire
2010-12-01

The historic European Union Directive on Data Protection will take effect in October 1998. A key provision will prohibit transfer of personal information from Europe to other countries if they lack "adequate" protection of privacy. If enforced as written, the Directive could create enormous obstacles to commerce between Europe and other countries, such as the United States, that do not have comprehensive privacy statutes. In this book, Peter Swire and Robert Litan provide the first detailed analysis of the sector-by-sector effects of the Directive. They examine such topics as the text of the Directive, the tension between privacy laws and modern information technologies, issues affecting a wide range of businesses and other organizations, effects on the financial services sector, and effects on other prominent sectors with large transborder data flows. In light of the many and significant effects of the Directive as written, the book concludes with detailed policy recommendations on how to avoid a coming trade war with Europe. The book will be of interest to the wide range of individuals and organizations affected by the important new European privacy laws. More generally, the privacy clash discussed in the book will prove a major precedent for how electronic commerce and world data flows will be governed in the Internet Age.

Introduction to Mechanism Design - Eric

Constans 2018-07-20

Introduction to Mechanism Design: with Computer Applications provides an updated approach to undergraduate Mechanism Design and Kinematics courses/modules for engineering students. The use of web-based simulations, solid modeling, and software such as MATLAB and Excel is employed to link the design process with the latest software tools for the design and analysis of mechanisms and machines. While a mechanical engineer might brainstorm with a pencil and sketch pad, the final result is developed and communicated through CAD and computational visualizations. This modern approach to mechanical design processes has not been fully integrated in most books, as it is in this new text.

Renewable Energy Sources and Climate Change Mitigation - Ottmar Edenhofer

2011-11-21

This Intergovernmental Panel on Climate Change Special Report (IPCC-SRREN) assesses the potential role of renewable energy in the mitigation of climate change. It covers the six most important renewable energy sources - bioenergy, solar, geothermal, hydropower, ocean and wind energy - as well as their integration into present and future energy systems. It considers the environmental and social consequences associated with the deployment of these technologies and presents strategies to overcome technical as well as non-technical obstacles to their application and diffusion. SRREN brings a broad spectrum of technology-specific experts together with scientists studying energy systems as a whole. Prepared following strict IPCC procedures, it presents an impartial assessment of the current state of knowledge: it is policy relevant but not policy prescriptive. SRREN is an invaluable assessment of the potential role of renewable energy for the mitigation of climate change for policymakers, the private sector and academic researchers.

Machine Learning - Kevin P. Murphy 2012-08-24

A comprehensive introduction to machine learning that uses probabilistic models and inference as a unifying approach. Today's Web-enabled deluge of electronic data calls for automated methods of data analysis. Machine learning provides these, developing methods that can automatically detect patterns in data

and then use the uncovered patterns to predict future data. This textbook offers a comprehensive and self-contained introduction to the field of machine learning, based on a unified, probabilistic approach. The coverage combines breadth and depth, offering necessary background material on such topics as probability, optimization, and linear algebra as well as discussion of recent developments in the field, including conditional random fields, L1 regularization, and deep learning. The book is written in an informal, accessible style, complete with pseudo-code for the most important algorithms. All topics are copiously illustrated with color images and worked examples drawn from such application domains as biology, text processing, computer vision, and robotics. Rather than providing a cookbook of different heuristic methods, the book stresses a principled model-based approach, often using the language of graphical models to specify models in a concise and intuitive way. Almost all the models described have been implemented in a MATLAB software package—PMTK (probabilistic modeling toolkit)—that is freely available online. The book is suitable for upper-level undergraduates with an introductory-level college math background and beginning graduate students.

Crossing the Finish Line - William G. Bowen 2009-09-08

Why so many of America's public university students are not graduating—and what to do about it The United States has long been a model for accessible, affordable education, as exemplified by the country's public universities. And yet less than 60 percent of the students entering American universities today are graduating. Why is this happening, and what can be done? Crossing the Finish Line provides the most detailed exploration ever of college completion at America's public universities. This groundbreaking book sheds light on such serious issues as dropout rates linked to race, gender, and socioeconomic status. Probing graduation rates at twenty-one flagship public universities and four statewide systems of public higher education, the authors focus on the progress of students in the entering class of 1999—from entry to graduation, transfer, or withdrawal. They examine the effects of parental education,

family income, race and gender, high school grades, test scores, financial aid, and characteristics of universities attended (especially their selectivity). The conclusions are compelling: minority students and students from poor families have markedly lower graduation rates—and take longer to earn degrees—even when other variables are taken into account. Noting the strong performance of transfer students and the effects of financial constraints on student retention, the authors call for improved transfer and financial aid policies, and suggest ways of improving the sorting processes that match students to institutions. An outstanding combination of evidence and analysis, *Crossing the Finish Line* should be read by everyone who cares about the nation's higher education system.

Risk Assessment and Security for Pipelines, Tunnels, and Underground Rail and Transit Operations - Anna M. Doro-on 2014-06-03

Risk Assessment and Security for Pipelines, Tunnels, and Underground Rail and Transit Operations details a quantitative risk assessment methodology for systematically analyzing various alternatives for protecting underground rail, oil and gas pipelines, pipeline freight transportation, and other tunnel systems from terrorism threats and other disasters. It examines the engineering, environmental, and economic impacts and addresses both direct and collateral damage. The book describes how to employ the methodology of quantitative psychology for effectively assessing risk in homeland security, defense actions, and critical infrastructure protection. Using pipelines, tunnels, underground rapid rail, and transit systems as examples, it maintains an emphasis on applying quantitative psychology to risk management in the areas of homeland security and defense. Outlines the background and system operations of pipelines, tunnels, underground rail, and transit systems as well as other super-speed futuristic trains Covers materials used for fabricating weapons of mass destruction and operations for terrorism Deals with the probabilistic risk estimation process, event tree analysis, and fault tree analysis Discusses the risk and vulnerability assessment tools and methodologies used by experts and governmental agencies Approved for public

release by the U.S. Federal Government, this book presents regulations, standard processes, and risk assessment models recommended by the U.S. Department of Homeland Security and other federal and state agencies. Describing how to evaluate terrorism threats and warnings, it details protocols for preventive measures and emergency preparedness plans that are based on economic analysis. With comprehensive coverage that includes risk estimation and risk acceptability analysis, the book provides a foundational understanding of risk and the various defensive systems that can improve safety and security as well as thwart terrorists' efforts to sabotage critical infrastructure.

The Oxford Handbook of Energy Politics - Kathleen J. Hancock 2020-10-15

"In many ways, everything we once knew about energy resources and technologies has been impacted by: the longstanding scientific consensus on climate change and related support for renewable energy; the affordability of extraction of unconventional fuels; increasing demand for energy resources by middle- and low-income nations; new regional and global stakeholders; fossil fuel discoveries and emerging renewable technologies; awareness of (trans)local politics; and rising interest in corporate social responsibility (CSR) and the need for energy justice. Research on these and related topics now appears frequently in social science academic journals-in broad-based journals, such as *International Organization*, *International Studies Quarterly*, and *Review of International Political Economy*, as well as those focused specifically on energy (e.g., *Energy Research & Social Science* and *Energy Policy*), the environment (*Global Environmental Politics*), natural resources (*Resources Policy*), and extractive industries (*Extractive Industries and Society*). The *Oxford Handbook of Energy Politics* synthesizes and aggregates this substantively diverse literature to provide insights into, and a foundation for teaching and research on, critical energy issues primarily in the areas of international relations and comparative politics. Its primary goals are to further develop the energy politics scholarship and community, and generate sophisticated new work that will benefit a variety of scholars working on energy issues"--

It's Complicated - Danah Boyd 2014-02-25
Surveys the online social habits of American teens and analyzes the role technology and social media plays in their lives, examining common misconceptions about such topics as identity, privacy, danger, and bullying.

Music in Our Lives - Gary E. McPherson
2012-03-15

Why do some children take up music, while others don't? Why do some excel, whilst others give up? Why do some children favour classical music, whilst others prefer rock? These are questions that have puzzled music educators, psychologists, and musicologists for many years. Yet, they are incredibly difficult and complex questions to answer. 'Music in our lives' takes an innovative approach to trying to answer these questions. It is drawn from a research project that spanned fourteen years, and closely followed the lives of over 150 children learning music - from their seventh to their twenty second birthdays. This detailed longitudinal approach helped the authors probe a number of important issues. For example, how do you define musical skill and ability? Is it true, as many assume, that continuous engagement in performance is the sole way in which those skills can be developed? What are the consequences of trends and behaviours observed amongst the general public, and their listening consumption. After presenting an overview and detailed case study explorations of musical lives, the book provides frameworks and theory for further investigation and discussion. It tries to present an holistic interpretation of these studies, and looks at their implications for musical development and education. Accessibly written by three leading researchers in the fields of music education and music psychology, this book makes a powerful contribution to understanding the dynamic and vital context of music in our lives.

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conversion" approach to calculation of magnetically developed forces. A circuit model is developed for each of the basic devices and the physical basis of each model is explained. Chapters are relatively independent of one another and follow the same general plan-- coverage is broad and deep enough to permit flexibility in course design.

Audio Effects - Joshua D. Reiss 2014-10-23
Audio Effects: Theory, Implementation and Application explores digital audio effects relevant to audio signal processing and music informatics. It supplies fundamental background information on digital signal processing, focusing on audio-specific aspects that constitute the building block on which audio effects are developed. The text integrates theory and practice, relating technical implementation to musical implications. It can be used to gain an understanding of the operation of existing audio effects or to create new ones. In addition to delivering detailed coverage of common (and unusual) audio effects, the book discusses current digital audio standards, most notably VST and AudioUnit. Source code is provided in C/C++ and implemented as audio effect plug-ins with accompanying sound samples. Each section of the book includes study questions, anecdotes from the history of music technology, and examples that offer valuable real-world insight, making this an ideal resource for researchers and for students moving directly into industry.

How Not to Be Wrong - Jordan Ellenberg
2014-05-29

The columnist for Slate's popular "Do the Math" celebrates the logical, illuminating nature of math in today's world, sharing in accessible language mathematical approaches that demystify complex and everyday problems.

Reliability Physics and Engineering - J. W. McPherson 2013-06-03

"Reliability Physics and Engineering" provides critically important information for designing and building reliable cost-effective products. The textbook contains numerous example problems with solutions. Included at the end of each chapter are exercise problems and answers. "Reliability Physics and Engineering" is a useful resource for students, engineers, and materials scientists.

This is that - Aimee Semple McPherson 1919

The Real Book of Real Estate - Robert Kiyosaki 2010-05

From the #1 bestselling author of "Rich Dad, Poor Dad" comes the ultimate guide to real estate--the advice and techniques every investor needs to navigate through the ups, downs, and in-betweens of the market.

The Art and Science of Protective Relaying - C. Russell Mason 1997*

The Talent Code - Daniel Coyle 2009-04-28

What is the secret of talent? How do we unlock it? This groundbreaking work provides readers with tools they can use to maximize potential in themselves and others. Whether you're coaching soccer or teaching a child to play the piano, writing a novel or trying to improve your golf swing, this revolutionary book shows you how to grow talent by tapping into a newly discovered brain mechanism. Drawing on cutting-edge neurology and firsthand research gathered on journeys to nine of the world's talent hotbeds—from the baseball fields of the Caribbean to a classical-music academy in upstate New York—Coyle identifies the three key elements that will allow you to develop your gifts and optimize your performance in sports, art, music, math, or just about anything. • Deep Practice Everyone knows that practice is a key to success. What everyone doesn't know is that specific kinds of practice can increase skill up to ten times faster than conventional practice. • Ignition We all need a little motivation to get started. But what separates truly high achievers from the rest of the pack? A higher level of commitment—call it passion—born out of our

deepest unconscious desires and triggered by certain primal cues. Understanding how these signals work can help you ignite passion and catalyze skill development. • Master Coaching What are the secrets of the world's most effective teachers, trainers, and coaches? Discover the four virtues that enable these "talent whisperers" to fuel passion, inspire deep practice, and bring out the best in their students. These three elements work together within your brain to form myelin, a microscopic neural substance that adds vast amounts of speed and accuracy to your movements and thoughts. Scientists have discovered that myelin might just be the holy grail: the foundation of all forms of greatness, from Michelangelo's to Michael Jordan's. The good news about myelin is that it isn't fixed at birth; to the contrary, it grows, and like anything that grows, it can be cultivated and nourished. Combining revelatory analysis with illuminating examples of regular people who have achieved greatness, this book will not only change the way you think about talent, but equip you to reach your own highest potential.

The Sergeants Major of the Army - 2010

Haunted Media - Jeffrey Sconce 2000

Examines the repeated association of new electronic media with spiritual phenomena from the telegraph in the late 19th century to television.

An Introduction to Genetic Engineering -

Desmond S. T. Nicholl 2002-02-07

The author presents a basic introduction to the world of genetic engineering. Copyright © Libri GmbH. All rights reserved.