

New York Advance Sheet May 2013

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Advanced Reporting Miles Maguire 2014-07-25 News gathering is a large, complicated and often messy task that has traditionally been viewed by journalists as irretrievably idiosyncratic, best learned through trial and error. Advanced Reporting takes the opposite approach, focusing on reporting as a process of triangulation based on three essential activities: analyzing documents, making observations and conducting interviews. In this readable book, veteran journalism professor Miles Maguire shows how the best reporters use these three tools in a way that allows them to cross-check and authenticate facts, to reduce or eliminate unsupportable allegations and to take readers and viewers to a deeper level of insight and understanding. This book will help to prepare students for a profession marked by increasing complexity and competition. To succeed in this environment, journalists must learn to make the most of digital media to intensify the impact of their work. At the same time, reporters must contend with a host of sophisticated public relations techniques while engaging with news audiences that no longer just consume journalism, but also collaborate in its creation. Discussion questions and exercises help students put theory into practice.

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Flame Retardants for Plastics and Textiles Edward D. Weil 2015-12-07 This updated edition provides an overview of flame retardants that are in commercial use, were recently used, or are in development. The book is organized polymer-by-polymer and provides a guide to advantages, limitations, and patented and patent-free formulations, with insight into favorable and unfavorable combinations. The targeted readership is the plastics or textile finish compounder and the plastic additives R&D worker, as well as market development and sales. This edition contains, besides a compendium of current flame retardants, updated information relevant to performance testing, mode of action, and safety and regulatory aspects. Industrial or academic researchers will find useful a discussion of unsolved problems with possible new approaches. Both authors have extended, productive experience in both basic and applied research on a wide range of flame retardancy topics.

Advances in Energy Storage Andreas Hauer 2022-04-27 ADVANCES IN ENERGY STORAGE An accessible reference describing the newest advancements in energy storage technologies **Advances in Energy Storage: Latest Developments from R&D to the Market** is a comprehensive exploration of a wide range of energy storage technologies that use the fundamental energy conversion method. The distinguished contributors discuss the foundational principles, common materials, construction, device operation, and system level performance of the technology, as well as real-world applications. The book also includes examinations of the industry standards that apply to energy storage technologies and the commercial status of various kinds of energy storage. The book has been written by accomplished leaders in the field and address electrochemical, chemical, thermal, mechanical, and superconducting magnetic energy storage. They offer insightful treatments of relevant policy instruments and posit likely future advancements that will support and stimulate energy storage. **Advances in Energy Storage** also includes: A thorough introduction to electrochemical, electrical, and super magnetic energy storage, including foundational electrochemistry concepts used in modern power sources A comprehensive exploration of mechanical energy storage and pumped hydro energy storage Practical discussions of compressed air energy storage and flywheels, including the geology, history, and development of air energy storage In-depth examinations of thermal energy storage, including new material developments for latent and thermochemical heat storage Perfect for practicing electrical engineers, mechanical engineers, and materials scientists, **Advances in Energy Storage: Latest Developments from R&D to the Market** is also an indispensable reference for researchers and graduate students in these fields.

Electrical Resistivity and Conductivity Adel El-Shahat 2017-05-31 Motivated by the importance of electrical resistivity and conductivity, important experts in this field grasp most recent researches in this book. It addresses recent advances in electrical resistivity and conductivity modelling, measurement, estimation and sensing methods and implications. This book introduces innovative case studies for "Electrical Resistivity Sensing Methods and Implications", "Resistivity Model of Frozen Soil and High-Density Resistivity Method for Exploration of Discontinuous Permafrost", "Measurement of Electrical Resistivity for Unconventional Structures", "Estimation of Hydrological Parameters from Geoelectric Measurements" and "Assessment of Cryoprotectant Concentration by Electrical Conductivity Measurement and Its Applications in Cryopreservation". These recent advances are well prepared and presented in six chapters. These chapters are carefully selected to reflect current variable techniques, new concepts and methods related to the book's topic from different perspectives.

Corporate Power and Human Rights Manette Kaisershot 2018-02-02 There is ample evidence about the negative effects business activity of all types can have on the provision of human rights. Equally, there can be little doubt economic development, usually driven through business activity and trade, is necessary for any state to provide the institutions and infrastructure necessary to secure and provide human rights for their citizens. The United Nations and businesses recognise this tension and are collaborating to effect change in business behaviours through voluntary initiatives such as the Global Compact and John Ruggie's Guiding Principles. Yet voluntary approaches are evidently failing to prevent human rights violations and there are few alternatives in law for affected communities to seek justice. This book seeks to robustly challenge the current status quo of business approaches to human rights in order to develop meaningful alternatives in an attempt to breach the gap between the realities of business and human rights and its discourse. This book was previously published as a special issue of the International Journal of Human Rights.

Human Development: A Life-Span View Robert V. Kail 2015-01-01 Balanced coverage of the entire life span is just one thing that distinguishes HUMAN DEVELOPMENT: A LIFE-SPAN VIEW, Seventh Edition. With its comprehensive, succinct, and applied coverage, the text has proven its ability to capture students' interest while introducing them to the issues, forces, and outcomes that make us who we are. Robert V. Kail's expertise in childhood and adolescence, combined with John C. Cavanaugh's extensive research in gerontology, result in a book with a rich description of all life-span stages and important topics. A modified chronological approach traces development in sequential order from conception through late life, while also dedicating several chapters to key topical issues. This organization also allows the book to be relatively briefer than other texts, a benefit given the enormous amount of information covered in the course. The authors provide theoretical and empirical foundations that enable students to become educated, critical interpreters of developmental information. A blend of basic and applied research, as well as coverage of controversial topics and emergent trends, demonstrates connections between the laboratory and life. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Health Policy and Advanced Practice Nursing, Second Edition Kelly A. Goudreau, PhD, RN, ACNS-BC, FAAN 2017-12-28 Praise for the First Edition: "There are many policy books, but none are written by APRNs or focus just on APRN practice...APRNs are at the core, or can be, if they use their practice knowledge and education to shape policy...[The] editors eloquently make the case that policy formation is a critical nursing skill." --Doody's Medical Reviews The only book of its kind, this text offers a wealth of information about the role of all types of APRNs (NPs, CNSs, CNMs, and CRNAs) in influencing the development and application of health care policy in a

wide range of specialties. Featuring nine completely new chapters, the second edition delivers an invigorated focus on developing policy that advocates for vulnerable populations and discusses how the incorporation of interprofessional education has changed and will continue to alter health policy in the U.S. and internationally. The text also discusses the evolving influence of the Patient Protection Affordable Care Act (PPACA) and the implications of current and future health policy changes that will be impacting the practice of various APRN roles. Authored by APRN luminaries who have been closely involved with health policy development, the text meets the requirements of the IOM report on The Future of Nursing and the DNP criteria V for the inclusion of health policy and advocacy in the curriculum. This "call to action" for APRNs is specifically designed for courses enrolling students from a variety of APRN trajectories, and includes content from all APRN role perspectives in every section. New to the Second Edition: Emphasizes policy development advocating for vulnerable populations Discusses the current and future influence of interprofessional education on health policy in the U.S. and worldwide Addresses how health policy changes will impact the various APRN roles Includes nine new chapters on: Health Policy and its Effect on Large Systems, Value-Based Purchasing, Health Care Reform and Independent Practice, Health Policy Implications Regarding Substance Abuse/PTSD Treatment, Genetics, Competency Issues, and The International Council of Nurses Key Features: Addresses role-specific policy needs of all four APRN roles and DNPs Encompasses all requisite information about health care policy and reform in the U.S. and worldwide and its impact on advanced practice nursing Meets the requirements of IOM's The Future of Nursing and DNP criteria V Explains how and why APRNs can and should influence policy development Discusses implications of not participating in health policy decisions **Routledge Handbook of Nuclear Proliferation and Policy** Joseph F. Pilat 2015-05-15 This new Handbook is a comprehensive examination of the rich and complex issues of nuclear proliferation in the early 21st century. The future of the decades-long effort to prevent the further spread of weapons of mass destruction is at a crossroads today. If international nonproliferation efforts are to be successful, an integrated, multi-tiered response will almost certainly be necessary. A serious, thorough, and clear-eyed examination of the range of threats, challenges, and opportunities facing the international community is a necessary first step. This Handbook, which presents the most up-to-date analysis and policy recommendations on these critical issues by recognized, leading scholars in the field, intends to provide such an examination. The volume is divided into three major parts: Part I presents detailed threat assessments of proliferation risks across the globe, including specific regions and countries. Part II explains the various tools developed by the international community to address these proliferation threats. Part III addresses the proliferation risks and political challenges arising from nuclear energy production, including potential proliferation by aspiring states and nonstate groups. This Handbook will be of great interest to students and practitioners of nuclear proliferation, arms control, global governance, diplomacy, and global security and IR general. **Pharmacotherapeutics For Advanced Practice Nurse Prescribers** Teri Moser Woo 2015-08-03 This exceptional text builds your knowledge of pharmacology by first providing an overview of pharmacologic principles and then teaching you how to apply those principles to clinical practice. Focusing on applying pharmacologic scientific knowledge to clinical practice, it explains diagnostic and treatment reasoning and rational drug selection, while providing useful clinical pearls from experienced practitioners.

Governance of Arctic Offshore Oil and Gas Cécile Pelaudeix 2017-07-14 Global energy problems will remain a challenge in the coming decades. The impact of climate change and the melting of polar sea ice opening up access to offshore hydrocarbon resources in the Arctic Ocean, raises questions for both civil society and the scientific community over drilling opportunities in Arctic marine areas. Disparities in approach to the governance of oil and gas extraction in the Arctic arise from fundamental differences in histories, cultures, domestic constraints and substantive values and attitudes in the Arctic coastal states and sub-states. Differing political systems, legal traditions and societal beliefs with regard to energy security and economic development, environmental protection, legitimacy of decision making, and the ownership and respect of the rights of indigenous people, all affect how governance systems of oil and gas extraction are designed. Using a multidisciplinary approach and case studies from the USA, Norway, Russia, Canada, Greenland/Denmark and the EU, this book both examines the current governance of extraction and its effects and considers ways to enhance the efficiency of environmental management and public participation in this system.

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Advances in Automation Andrey A. Radionov 2020-02-18 This book reports on innovative research and developments in automation. The chapters spans a wide range of disciplines, including communication engineering, power engineering, control engineering, instrumentation, signal processing and cybersecurity. Emphasis is given to methods and findings aimed at fostering better control and monitoring of industrial and manufacturing processes, and improving safety. Based on the International Russian Automation Conference, held in September 8-14, 2019, in Sochi, Russia, the book provides academics and professionals with a timely overview and extensive information on the state of the art in the field of automation and control systems, and is expected to foster new idea, as well as collaboration between different groups in different countries.

A Financial Crisis Manual Dimitrios D. Thomakos 2016-03-31 The recent financial crisis has generated many structural changes within the economy. Many issues are ongoing, and the question of how to recover from the crisis, and how to avoid another one, are continually addressed by scholars and practitioners everywhere. Where there is much discussion within academic and practitioner circles, there is not always adequate interaction between these schools of research. This book provides a thorough overview of the recent financial crisis from the perspective of both industry practitioners and academics specialising in the area. The first part provides practitioner insight on the crisis, and explores the causes and effects and of the recession, European public financing, ECB monetary policy and the Euro, the repression of financial markets, and financial stability. Part two focuses on the case of Greece, as a country still heavily impacted by the crisis, which has undergone various unorthodox policies imposed by the IMF, the ECB the EU. The third part provides insight from researchers and academics, covering an array of Economic theories and revealing new economics architectures available for the future. With informed views from both financial industry practitioners and academics, this book discusses current issues and implementable solutions for a faster post-crisis recovery. **The Leadership Experience** Richard L. Daft 2014-01-01 Master the critical leadership skills and solid understanding of today's theory needed to become an effective business leader in today's turbulent times with Daft's THE LEADERSHIP EXPERIENCE, 6E. Acclaimed author Richard Daft helps you explore the latest thinking in leadership theory and contemporary practices at work within organizations throughout the world. You will examine emerging topics, including enhancement of emotional intelligence, leadership vision and courage, leadership of virtual teams, and open innovation, and will connect those topics to recent world events such as ethical scandals and political turmoil. Packed with memorable examples and unique insights into actual leadership decisions, this full-color text includes crisp, clear visuals to reinforce the book's engaging presentation. This edition's proven applications, specifically designed for today's leadership theory and applications course, and a solid foundation grounded in established scholarly research make the topic of leadership come alive. In addition, THE LEADERSHIP

EXPERIENCE is available with CengageNOW for the first time. CengageNOW provides an integrated text and online learning solution that enhances understanding of course content and offers opportunities to extend learning. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Is Remote Warfare Moral? Joseph O Chapa 2022-07-05 America is at an important turning point. Remote warfare is not just a mainstay of post-9/11 wars, it is a harbinger of what lies ahead—a future of high-tech, artificial intelligence-enabled, and autonomous weapons systems that raise a host of new ethical questions. Most fundamentally, is remote warfare moral? And if so, why? Joseph O. Chapa, with unique credentials as Air Force officer, Predator pilot, and doctorate in moral philosophy, serves as our guide to understanding this future, able to engage in both the language of military operations and the language of moral philosophy. Through gripping accounts of remote pilots making life-and-death decisions and analysis of high-profile cases such as the killing of Iranian high government official General Qasem Soleimani, Chapa examines remote warfare within the context of the just war tradition, virtue, moral psychology, and moral responsibility. He develops the principles we should use to evaluate its morality, especially as pilots apply human judgment in morally complex combat situations. Moving on to the bigger picture, he examines how the morality of human decisions in remote war is situated within the broader moral context of US foreign policy and the future of warfare.

Sociology David M. Newman 2016-01-05 In *Sociology: Exploring the Architecture of Everyday Life*, Eleventh Edition, David M. Newman continues to show students how to see the “unfamiliar in the familiar”—to step back and see organization and predictability in their take-for-granted personal experiences. With his approachable writing style and lively personal anecdotes, the author’s goal since the first edition has been the same: to write a textbook that “reads like a real book.” Newman uses the metaphors of “architecture” and “construction,” to help students understand that society is not something that exists “out there,” independently of them; it is a human creation that is planned, formed, maintained, or altered by individuals. Using vivid prose, current examples, and fresh data, this text presents a unique and thought-provoking overview of how society is constructed and experienced. Instead of surveying every subfield in sociology, the more streamlined coverage focuses on the individual and society, the construction of self and society, and social inequality in the context of social structures.

New Border and Citizenship Politics H. Schwenken 2014-10-14 This collection examines the intersections and dynamics of bordering processes and citizenship politics in the Global North and Australia. By taking the political agency of migrants into account, it approaches the subject of borders as a genuine political and socially constructed phenomenon and transcends a state-centered perspective.

A Marxist Education Wayne Au 2018-06-05 *Dialectics of Education* is a rich collection of essays analyzing both the role of education in shaping ideology in the United States and the political implications of struggles for educational justice. This book seeks to recover and reframe the dialectical materialist tradition in critical education, studies and carries this tradition forward into theory and practice relevant for today. Building on the tradition of the groundbreaking book *Schooling in Capitalist America* that was first published in 1976, author Wayne Au presents a Marxist perspective on educational policies and pedagogy and the highlights the potential for struggle in both the political arena and the classroom. This book is an essential tool in the growing resistance against the privatization of education and for the struggle for educational rights for all students regardless of ethnicity or social status.

The Internationalists: Globalization, the Age of Information and the Developing World Ascent Christopher Jannou 2015-06-26 Technology and globalization have created unprecedented opportunities for wealth creation whilst unleashing some of the most impressive forces for human advancement the world has ever known. These forces have also triggered what will likely be the last great development push the Modern Age will see. By 2050, the developing world as it is currently defined will be no more; with the exception of a few under-performers, there will only be the developed one. *The Internationalists* is a sweeping look at the forces shaping this next surge of economic and human development; from an investor who has logged the hard miles to know his subject inside and out.

How Long Will South Africa Survive? R. W. Johnson 2015 In 1977, RW Johnson's best-selling *How Long Will South Africa Survive?* provided a controversial and highly original analysis of the survival prospects of the apartheid regime. Now, after more than twenty years of ANC rule, he believes the situation has become so critical that the question must be posed again. He moves from an analysis of Jacob Zuma's rule to the increasingly dire state of the South African economy, concluding that the country is heading towards a likely International Monetary Fund bail-out which will in turn lead to a regime change of some kind.

TMS 2016 Supplemental Proceedings The Minerals, Metals & Materials Society (TMS) 2016-02-09 The TMS 2016 Annual Meeting Supplemental Proceedings is a collection of papers from the TMS 2016 Annual Meeting & Exhibition, held February 14-18 in Nashville, Tennessee, USA. The papers in this volume represent 21 symposia from the meeting. This volume, along with the other proceedings volumes published for the meeting, and archival journals, such as *Metallurgical and Materials Transactions* and *Journal of Electronic Materials*, represents the available written record of the 67 symposia held at TMS2016. This proceedings volume contains both edited and unedited papers; the unedited papers have not necessarily been reviewed by the symposium organizers and are presented “as is.” The opinions and statements expressed within the papers are those of the individual authors only, and no confirmations or endorsements are intended or implied.

iDisrupted Michael Baxter 2014-11-13 *iDisrupted* changing the human race forever Technology is set to transform the world. Its likely impact is both terrifying and incredibly exciting. We all need to understand the great changes that are just beginning to re-shape the human domain and our daily lives. Then we need to draw up plans. There are few challenges more important. This book is for: People who want a job in ten years' time. Employers who want to hire the right talent for the future. Students of business and business professionals who want to understand how technology will transform the commercial world. Business leaders and shareholders who want the business they run or own to flourish, and not get swept away. Investors endeavouring to understand the possible impact of new technology and to place the right bets. Policy makers needing to understand the potentially devastating impact of tech-economics and tech-politics to make the right decision for their country. And above all, those of us who care about the future of the human race. Technologies to watch: Robotics, internet of things, technologies for the promotion of a sharing economy, artificial intelligence, 3D printing, stem cell research, genome sequencing, energy storage, lasers, solar power, new materials, virtual reality, nanotechnology, brain interfaces to computers, and above all else the internet, mixed with computers following the evolutionary trajectory described by Moore's Law.

Health Professionals' Education in the Age of Clinical Information Systems, Mobile Computing and Social Networks Aviv Shachak 2017-07-26 *Health Professionals' Education in the Age of Clinical Information Systems, Mobile Computing and Social Networks* addresses the challenges posed by information and communication technology to health professionals' education, and the lessons learned from field experiences and research. This book is divided in three parts: "the changing landscape of information and communication technology in health care", in which it discusses how information and communication technology is transforming health care and the implications of these changes for health professions education; "experiences from the field", with real-life examples of health professionals' education in and for the digital era; and "evaluation of students and programs", addressing the use of technology to assess learners as well as the complexity of evaluating programs to enhance competence in an information technology-rich health care world Written by leading researchers from different parts of the world, the book is a valuable source for educators and professionals who are active or wish to be part of the health informatics field. Brings an in-depth understanding and background on the challenges for education of the health professions brought by information and communication technology Provides real-life examples on how technology is used in healthcare and how it can be used in education Presents valuable information in a visually appealing format with tables and figures

The Zero Marginal Cost Society Jeremy Rifkin 2014-04-01 In *The Zero Marginal Cost Society*, New York Times bestselling author Jeremy Rifkin describes how the emerging Internet of Things is speeding us to an era of nearly free goods and services, precipitating the meteoric rise of a global Collaborative Commons and the eclipse of capitalism. Rifkin uncovers a paradox at the

heart of capitalism that has propelled it to greatness but is now taking it to its death—the inherent entrepreneurial dynamism of competitive markets that drives productivity up and marginal costs down, enabling businesses to reduce the price of their goods and services in order to win over consumers and market share. (Marginal cost is the cost of producing additional units of a good or service, if fixed costs are not counted.) While economists have always welcomed a reduction in marginal cost, they never anticipated the possibility of a technological revolution that might bring marginal costs to near zero, making goods and services priceless, nearly free, and abundant, and no longer subject to market forces. Now, a formidable new technology infrastructure—the Internet of things (IoT)—is emerging with the potential of pushing large segments of economic life to near zero marginal cost in the years ahead. Rifkin describes how the Communication Internet is converging with a nascent Energy Internet and Logistics Internet to create a new technology platform that connects everything and everyone. Billions of sensors are being attached to natural resources, production lines, the electricity grid, logistics networks, recycling flows, and implanted in homes, offices, stores, vehicles, and even human beings, feeding Big Data into an IoT global neural network. Prosumers can connect to the network and use Big Data, analytics, and algorithms to accelerate efficiency, dramatically increase productivity, and lower the marginal cost of producing and sharing a wide range of products and services to near zero, just like they now do with information goods. The plummeting of marginal costs is spawning a hybrid economy—part capitalist market and part Collaborative Commons—with far reaching implications for society, according to Rifkin. Hundreds of millions of people are already transferring parts of their economic lives to the global Collaborative Commons. Prosumers are plugging into the fledgling IoT and making and sharing their own information, entertainment, green energy, and 3D-printed products at near zero marginal cost. They are also sharing cars, homes, clothes and other items via social media sites, rentals, redistribution clubs, and cooperatives at low or near zero marginal cost. Students are enrolling in free massive open online courses (MOOCs) that operate at near zero marginal cost. Social entrepreneurs are even bypassing the banking establishment and using crowdfunding to finance startup businesses as well as creating alternative currencies in the fledgling sharing economy. In this new world, social capital is as important as financial capital, access trumps ownership, sustainability supersedes consumerism, cooperation ousts competition, and "exchange value" in the capitalist marketplace is increasingly replaced by "sharable value" on the Collaborative Commons. Rifkin concludes that capitalism will remain with us, albeit in an increasingly streamlined role, primarily as an aggregator of network services and solutions, allowing it to flourish as a powerful niche player in the coming era. We are, however, says Rifkin, entering a world beyond markets where we are learning how to live together in an increasingly interdependent global Collaborative Commons.

The Effectiveness of China's Industrial Policies in Commercial Aviation Manufacturing Keith Crane 2014-04-03 This report assesses the effectiveness of China's industrial policies, using China's commercial aviation manufacturing industry as a case study. It evaluates China's efforts to create a national champion in this industry, and analyzes foreign manufacturers' efforts to protect key technologies when setting up production facilities there. It also offers policy options for foreign governments responding to Chinese policies.

Ethics: Theory and Contemporary Issues, Concise Edition Barbara MacKinnon 2015-01-01 **ETHICS: THEORY AND CONTEMPORARY ISSUES, 8E CONCISE** presents the major areas of ethical theory through an engaging collection of contemporary moral debates. First, readers are introduced to such ethical subjects as religion and global ethics, utilitarianism and deontology, natural law ethics, virtue ethics, non-Western paradigms, feminist ethics, and care ethics. Then, these and other ethical concepts provide the framework for in-depth discussions on moral dilemmas such as euthanasia, sexual morality, economic justice, animal ethics, war, violence, and globalization. Plus, this edition brings the debate up-to-date with detailed discussions of timely moral topics such as same-sex marriage, structural racism, factory farming, pacifism, and global distributive justice. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Advanced Practice Palliative Nursing Constance Dahlin 2016-02-25 *Advanced Practice Palliative Nursing* is the first text devoted to advanced practice nursing care of the seriously ill and dying. This comprehensive work addresses all aspects of palliative care including physical, psychological, social, and spiritual needs. Chapters include: symptoms common in serious illness, pediatric palliative care, spiritual and existential issues, issues around the role and function of the advanced practice nurse (APN), reimbursement, and nursing leadership on palliative care teams. Each chapter contains case examples and a strong evidence base to support the highest quality of care. The text is written by leaders in the field and includes authors who have pioneered the role of the advanced practice nurse in palliative care. This volume offers advanced practice content and practical resources for clinical practice across all settings of care and encompassing all ages, from pediatrics to geriatrics.

Analog-and-Algorithm-Assisted Ultra-low Power Biosignal Acquisition Systems Venkata Rajesh Pamula 2019-01-02 This book discusses the design and implementation aspects of ultra-low power biosignal acquisition platforms that exploit analog-assisted and algorithmic approaches for power savings. The authors describe an approach referred to as “analog-and-algorithm-assisted” signal processing. This enables significant power consumption reductions by implementing low power biosignal acquisition systems, leveraging analog preprocessing and algorithmic approaches to reduce the data rate very early in the signal processing chain. They demonstrate savings for wearable sensor networks (WSN) and body area networks (BAN), in the sensors' stimulation power consumption, as well in the power consumption of the digital signal processing and the radio link. Two specific implementations, an adaptive sampling electrocardiogram (ECG) acquisition and a compressive sampling (CS) photoplethysmogram (PPG) acquisition system, are demonstrated. First book to present the so called, “analog-and-algorithm-assisted” approaches for ultra-low power biosignal acquisition and processing platforms; Covers the recent trend of “beyond Nyquist rate” signal acquisition and processing in detail, including adaptive sampling and compressive sampling paradigms; Includes chapters on compressed domain feature extraction, as well as acquisition of photoplethysmogram, an emerging optical sensing modality, including compressive sampling based PPG readout with embedded feature extraction; Discusses emerging trends in sensor fusion for improving the signal integrity, as well as lowering the power consumption of biosignal acquisition systems.

The Matrix of Race Rodney D. Coates 2017-09-25 The authors are proud sponsors of the 2020 SAGE Keith Roberts Teaching Innovations Award—enabling graduate students and early career faculty to attend the annual ASA pre-conference teaching and learning workshop. *The Matrix of Race: Social Construction, Intersectionality, and Inequality* is a textbook that makes race and racial inequality “visible” in new ways to all students in race/ethnic relations courses, regardless of their backgrounds—from minorities who have experienced the impact of race in their own lives to members of dominant groups who might believe that we now live in a “color blind” society. The “matrix” refers to a way of thinking about race that reflects the intersecting, multilayered identities of contemporary society, and the powerful social institutions that shape our understanding of race. Its goals are to help readers get beyond familiar “us vs. them” arguments that can lead to resistance and hostility; promote self-appraisal; and stimulate more productive discussions about race and racism. Free Poster: Making Race and Racial Inequality Visible in New Ways A Complete Teaching & Learning Package SAGE coursepacks FREE! Easily import our quality instructor and student resource content into your school's learning management system (LMS) and save time. Learn more. SAGE edge FREE online resources for students that make learning easier. See how your students benefit.

Energy and Water Development Appropriations for 2014 United States. Congress. House. Committee on Appropriations. Subcommittee on Energy and Water Development 2013 **TMS 2016 145th Annual Meeting & Exhibition, Annual Meeting Supplemental Proceedings** The Minerals, Metals & Materials Society (TMS) 2016-12-01

Sociology in Our Times: The Essentials Diana Kendall 2015-01-01 Current and relevant to today's students, **SOCIOLOGY IN OUR TIMES: THE ESSENTIALS**, 10th Edition presents the latest available data and new insights on behaviors, issues, and trends in our nation and world from a sociological perspective. The new edition of this bestselling text emphasizes the theme of social change and the ways in which media—particularly social media—and other forms of technology inevitably bring about new ways of living, interacting with others, or doing certain

activities or task. New sections on social change have been added throughout the book, and the theme also appears in the "Sociology Works!" and "Media" features. "Sociology and Social Policy" boxes return to this edition, examining issues such as gun control, prevention of military suicides, and whether employers should be allowed to "spy" on their employees. First-person accounts of individuals' lived experiences draw students into the chapter content by illuminating topics that reflect the text's primary themes of diversity, the application of sociology to everyday life, global comparisons, media, and social change. New timely topics include environmental activism, immigration, bullying and social media, and same-sex marriage. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Contentious Politics in Brazil and China December Green 2016-03-01 Contentious Politics in Brazil and China: Beyond Regime is a highly accessible and compelling examination of two fast-emerging countries in the global arena. It is not common to see Brazil and China examined side-by-side, but authors December Green and Laura Luehrmann show the utility of this unorthodox comparison: By moving beyond region and regime, this book offers a thought-provoking analysis of two very different countries dealing with many concerns and problems in surprisingly similar ways. With a focus on current issues, Contentious Politics in Brazil and China covers migration, urbanization, criminality, the environment, sexual politics and HIV-AIDS response, foreign policy, and international relations. This text not only illuminates each country's realities more clearly than traditional regional or regime-type comparisons can, but it offers unexpected insights into the study of state-society relations.

Climate Change: An Encyclopedia of Science, Society, and Solutions [3 volumes] Bruce E. Johansen 2017-09-15 This three-volume set presents entries and primary sources that will impress on readers that what we do—or don't do—today regarding climate change will dramatically influence what life on this planet will be like for untold numbers of generations. • Provides readers with a clearly written description of global-warming science and its role in shaping a body of knowledge regarding a worldwide issue that affects everyone • Suggests remedies for this serious problem, most notably a rapid rise in the implementation of wind power generation and a coming revolution in solar energy • Impresses on readers that what Americans and the citizens and governments of other nations around the globe do over the next decades will determine the future of this planet for many tens of thousands of years to come • Includes primary documents sourced from major scientific journals and from the many reports on recent climate change from governmental organizations, including the Intergovernmental Panel on Climate Change (IPCC) and World Meteorological Organization (WMO), both part of the United Nations; and the U.S. government's National Climate Assessment

Climate Change Joseph Romm 2018-04-02 "This is, for my money, the best single-source primer on the state of climate change." - New York Magazine "The right book at the right time: accessible, comprehensive, unflinching, humane." - The Daily Beast "A must-read." - The Guardian The essential primer on what will be the defining issue of our time, Climate Change: What Everyone Needs to Know® is a clear-eyed overview of the science, conflicts, and implications of our warming planet. From Joseph Romm, Chief Science Advisor for National Geographic's Years of Living Dangerously series and one of Rolling Stone's "100 people who are changing America," Climate Change offers user-friendly, scientifically rigorous answers to the most difficult (and commonly politicized) questions surrounding what climatologist Lonnie Thompson has deemed "a clear and present danger to civilization." New questions about climate change addressed in this guide include: • Analysis of the Paris climate agreement, including the United States' withdrawal • Examines implications of the clean energy revolution, from solar and wind power to batteries and electric cars • The latest on climate science, including updates on

efforts to stem or slow climate change • Insights into what Donald Trump's presidency means for climate action in the US and internationally As the global response to climate change continues to evolve, Climate Change: What Everyone Needs to Know® offers smart, unbiased answers to the most difficult questions in an area dogged by misunderstanding and politicization.

Hot Stamping of Ultra High-Strength Steels Eren Billur 2018-10-05 Providing a comprehensive overview of hot stamping (also known as 'press hardening'), this book examines all essential aspects of this innovative metal forming method, and explores its various uses. It investigates hot stamping from both technological and business perspectives, and outlines potential future developments. Individual chapters explore topics such as the history of hot stamping, the state of the art, materials and processes employed, and how hot stamping is currently being used in the automotive industry to create ultra-high-strength steel components. Drawing on experience and expertise gathered from academia and industry worldwide, the book offers an accessible resource for a broad readership including students, researchers, vehicle manufacturers and metal forming companies.

Cancer Nursing Connie Henke Yarbro 2016-09-19 Cancer Nursing: Principles and Practice, Eighth Edition continues as the gold standard in oncology nursing. With contributions from the foremost experts in the field, it has remained the definitive reference on the rapidly changing science and practice of oncology nursing for more than 25 years. Completely updated and revised to reflect the latest research and developments in the care of patients with cancer, the Eighth Edition includes new chapters on the biology of cancer, sleep disorders, and palliative care across the cancer continuum. The Eighth Edition also includes significant updates to the basic science chapters to reflect recent increases in scientific knowledge, especially relating to genes and cancer. Also heavily revised are the sections devoted to the dynamics of cancer prevention, detection, and diagnosis, as well as treatment, oncologic emergencies, end of life care, and professional and legal issues for oncology nurses.

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Debtfare States and the Poverty Industry Susanne Soederberg 2014-09-19 WINNER of the BISA IPEG Book Prize 2015 <http://www.bisa-ipeg.org/ipeg-book-prize-2015-winner-announced/> Under the rubric of 'financial inclusion', lending to the poor—in both the global North and global South—has become a highly lucrative and rapidly expanding industry since the 1990s. A key inquiry of this book is what is 'the financial' in which the poor are asked to join. Instead of embracing the mainstream position that financial inclusion is a natural, inevitable and mutually beneficial arrangement, Debtfare States and the Poverty Industry suggests that the structural violence inherent to neoliberalism and credit-led accumulation have created and normalized a reality in which the working poor can no longer afford to live without expensive credit. The book further transcends economic treatments of credit and debt by revealing how the poverty industry is extricably linked to the social power of money, the paradoxes in credit-led accumulation, and 'debtfarism'. The latter refers to rhetorical and regulatory forms of governance that mediate and facilitate the expansion of the poverty industry and the reliance of the poor on credit to augment/replace their wages. Through a historically grounded analysis, the author examines various dimensions of the poverty industry ranging from the credit card, payday loan, and student loan industries in the United States to micro-lending and low-income housing finance industries in Mexico. Providing a much-needed theorization of the politics of debt, Debtfare States and the Poverty Industry has wider implications of the increasing dependence of the poor on consumer credit across the globe, this book will be of very strong interest to students and scholars of Global Political Economy, Finance, Development Studies, Geography, Law, History, and Sociology. <https://www.youtube.com/watch?v=2IU6PHjyOzU>