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SUPER SECRETO - The Third Epoch of Cryptography

Multiple, exponential, quantum-secure and above all, simple and practical Encryption for Everyone

BoD - Books on Demand The global crisis of Privacy in the 21st century also includes discussions about the right to encryption and restrictions on so-called end-to-end encryption. In order to communicate confidentially and secure against eavesdropping, simple and practical encryption is required for everyone. But how can it be available to everyone? The magic of replacing legible characters with other apparently random and therefore illegible characters had been almost religious for centuries: only those initiated into the invention of a secret language could crack the messages. Encryption remained Super Secreto - Top Secret - Streng Geheim! In the age of smartphone and pocket computers, it is now available to everyone: ever more sophisticated math calculates the so-called cipher text with corresponding keys in our messengers. Both keys and encrypted text used to have to be transmitted to the recipient. In today's Epoch of Cryptography, the transmission of the keys is no longer necessary: The risky transport route for the keys can even be omitted! From the fascination of how Cryptography became abstinent in the transmission of keys - what effect it has on the desire of state agencies for secondary keys - and how multiple and exponential encryption makes resistant against the decryption-attempts of super-quantum-computers tells Theo Tenzer in this exciting political, technical and socially relevant innovation and science portrait on the Third Epoch of Cryptography.

Advances in Brain Inspired Cognitive Systems

9th International Conference, BICS 2018, Xi'an, China, July 7-8, 2018, Proceedings

Springer This book constitutes the refereed proceedings of the 9th International Conference on Advances in Brain Inspired Cognitive Systems, BICS 2018, held in Xi'an, China, in July 2018. The 83 papers presented in this volume were carefully reviewed and selected from 137 submissions. The papers were organized in topical sections named: neural computation; biologically inspired systems; image recognition: detection, tracking and classification; data analysis and natural language processing; and applications.

Handbook of Research on Learning in the Age of Transhumanism

IGI Global As a movement, transhumanism aims to upgrade the human body through science, constantly pushing back the limits of a person by using cutting-edge technologies to fix the human body and upgrade it beyond its natural abilities. Transhumanism can not only change human habits, but it can also change learning practices. By improving human learning, it improves the human organism beyond natural and biological limits. The Handbook of Research on Learning in the Age of Transhumanism is an essential research publication that discusses global values, norms, and ethics that relate to the diverse needs of learners in the digital world and addresses future priorities and needs for transhumanism. The book will identify and scrutinize the needs of learners in the age of transhumanism and examine best practices for transhumanist leaders in learning. Featuring topics such as cybernetics, pedagogy, and sociology, this book is ideal for educators, trainers, instructional designers, curriculum developers, professionals, researchers, academicians, policymakers, and librarians.

Intellectual Property and Clean Energy

The Paris Agreement and Climate Justice

Springer This collection considers the future of climate innovation after the Paris Agreement. It analyses the debate over intellectual property and climate change in a range of forums - including the climate talks, the World Trade Organization, and the World Intellectual Property Organization, as well as multilateral institutions dealing with food, health, and biodiversity. The book investigates the critical role patent law plays in providing incentives for renewable energy and access to critical inventions for the greater public good, as well as plant breeders' rights and their impact upon food security and climate change. Also considered is how access to genetic resources raises questions about biodiversity and climate change. This collection also explores the significant impact of trademark law in terms of green trademarks, eco labels, and greenwashing. The key role played by copyright law in respect of access to environmental information is also considered. The book also looks at deadlocks in the debate over intellectual property and climate change, and provides theoretical, policy, and practical solutions to overcome such impasses.

UK and US Background Studies: An Introduction to the UK and British Studies, and to the US and American Studies

Univerzita Palackého v Olomouci / Palacký University Olomouc This book aims to provide general knowledge about various aspects of the United Kingdom and the United States of America at present. After reading this book, you should have an understanding of how each country works, what it means to come from that country, and what it is like to live there. The book is not intended to present intricate details about all parts of both countries. However, after reading this book, you should be able to better comprehend these intricacies should you choose to research them further.

Gerontological Nursing

A holistic approach to the care of older people

Elsevier Health Sciences This first edition Australian text aligns nursing care principles and practice to the unique requirements of older people. Written by leading academics and clinicians, *Gerontological Nursing: A holistic approach to the care of older people* covers the essential skills of gerontological care with a focus on chronic diseases, neurocognitive disorders, mental health, quality of life and healthy ageing, palliative care and bereavement, safety issues, and the role of the caregiver. As nurses play an ever more critical role in supporting the needs of an ageing population, this essential text will enable nursing students to navigate the complexities of older people's healthcare, promote healthy ageing, and help people to live well. End of chapter practice scenarios with questions Tips for best practice Focus on contemporary models of care and clinical governance Inclusion of most common chronic diseases affecting older adults including dementia, depression and delirium Dedicated chapter on Safety and Security Expert contributors from multiple Australian and New Zealand universities Aligned to the Australian Aged Care Quality Standards as well as international standards and guidelines An eBook included in all print purchases Additional resources on Evolve eBook on VitalSource Instructor resources: PowerPoints MCQs Chapter worksheets

Road Pricing and Provision

Changed Traffic Conditions Ahead

ANU Press Road pricing is not a new concept—toll roads have existed in Australia since Governor Macquarie established one from Sydney to Parramatta in 1811—and distance-based charging schemes have been trialled and implemented with varying success overseas. But how would full market reform of roads look in a federation like Australia? In its responses to the 2016 Australian Infrastructure Plan and the 2015 Competition Policy Review, the Australian Government explicitly supported investigating cost-reflective road pricing as a long-term reform option, and has committed to establishing a study chaired by an eminent Australian to look into the potential impacts of road pricing reform on road users. The challenges we face in this space are manifold and complex, and we still have a long road ahead of us. However, with advocacy for reform coming from interest groups as diverse as governments, private transport companies, peak industry bodies, policy think tanks and state motoring clubs, there is now more support than ever before for changing the way we provide for and fund our roads. This book seeks to advance the road reform agenda by presenting some of the latest thinking on road pricing and provision from a variety of disciplinary approaches—researchers, economists and public sector leaders. It stresses the need for reform to ensure Australians can enjoy the benefits of efficient and sustainable transport infrastructure as our population and major metropolitan

cities continue to grow. Traffic congestion is avoidable, but we must act soon. The works presented here all point to the need for change—the expertise and the technology are available, and the various reform options have been mapped out in some detail. It is time for the policy debate to shift to how, rather than if, road reform should progress.

Red Dwarfs

Their Geological, Chemical, and Biological Potential for Life

Springer Nature This thought-provoking book looks at the nature of red dwarf systems as potential homes for life. Realistically, what are the prospects for life on these distant worlds? Could life evolve and survive there? How do these planetary surfaces and geologies evolve? How would life on a planet orbiting a red dwarf differ from life on Earth? And what are the implications for finding further habitable worlds in our galaxy? The author provides readers with insight into the habitability of planets and how this changes as time progresses and the central star evolves. Since the previous 2013 edition *Under a Crimson Sun*, there has been a rise in newly discovered planets orbiting red dwarfs, accompanied by controversial areas of research that test what we think we know about these systems. This revised edition delves into the wealth of new material uncovered since that date. It explains the often conflicting results and analyses put forward and clarifies our understanding of these exciting new worlds. The chapters explore the full width of relevant scientific discovery and speculation on the potential for red dwarf planets to host life. New content includes improved atmospheric models, new understandings of the impact of stellar radiation on the atmosphere of red dwarf worlds, tidal-locking, and comparisons with terrestrial geology and climate.

Justin Trudeau and Canadian Foreign Policy

Springer This book offers the first comprehensive analysis of Canadian foreign policy under the government of Justin Trudeau, with a concentration on the areas of climate change, trade, Indigenous rights, arms sales, refugees, military affairs, and relationships with the United States and China. At the book's core is Trudeau's biggest and most unexpected challenge: the election of Donald Trump as president of the United States. Drawing on recognized experts from across Canada, this latest edition of the respected *Canada Among Nations* series will be essential reading for students of international relations and Canadian foreign policy and for a wider readership interested in Canada's age of Trudeau. See other books in the *Canada Among Nations* series here: <https://carleton.ca/npsia/canada-among-nations/>

Super-sticky WeChat and Chinese Society

Emerald Group Publishing This book provides a balanced and nuanced study of how the super-sticky WeChat platform interweaves into the fabric of Chinese social, cultural, and political life. It keeps the wider global and national social media landscape in view and compares and contrasts WeChat with Weibo, QQ and other Western social media platforms.

GB/T 34870.1-2017: Translated English of Chinese Standard. (GBT 34870.1-2017, GB/T34870.1-2017, GBT34870.1-2017)

Super capacitors - Part 1: General [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net]

<https://www.chinesestandard.net> [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Part of GB/T 34870 specifies the terms and definitions, conditions of use, classification, quality requirements and tests, safety requirements, marking, packaging, transportation and storage, and environmental protection requirements for super capacitors. This Part applies to super capacitors including electric double-layer, hybrid, battery capacitors.

Infrastructure Development and Ape Conservation

Cambridge University Press Presents an objective rigorous analysis of relevant issues along with case studies to examine the interface between ape conservation and infrastructure development. This title is also available as Open Access via Cambridge Core.

Sustainable Building for a Cleaner Environment

Selected Papers from the World Renewable Energy Network's Med Green Forum 2017

Springer This book contains selected papers presented during the bi-annual World Renewable Energy Network's Med Green Forum aimed at the international community as well as Mediterranean countries. This forum highlights the importance of growing renewable energy applications in two main sectors: Electricity Generation and the Sustainable Building Sector. In-depth chapters highlight the most current research and technological breakthroughs, covering a broad range of renewable energy technologies and applications in all sectors - for electricity production, heating and cooling, agricultural applications, water desalination, industrial applications and for the transport sectors.

Digital Financial Inclusion and Regulation

Taylor & Francis This book explores the various considerations for achieving an effective regulatory strategy to improve financial access and usage in Nigeria and beyond. Gaps in the legal and institutional framework for digital financial services (DFS) as well as the barriers that contribute to financial exclusion are identified as are the policy changes needed to provide more extensive, accessible and sustainable financial inclusion value. In addition, the book covers divergent themes around the use of and insights for regulating industry financial services providers and challenger entities that herald industry disruption. The book adopts three research methods. The doctrinal research method is used to buttress the law and development analysis and the themes around regulation, adoption and usage of financial services. To elucidate the application of financial innovations, comparative case studies are drawn from selected jurisdictions including Kenya, South Africa, Ghana, The Philippines, Brazil, Mexico, Uganda, Pakistan, India, and Bangladesh. Lastly, using the empirical research method, the author reports the burden experienced by the residents of a community without banks in accessing finance. Included in this discussion are the barriers to finance as well as the coping strategies adopted by the community residents to access formal and informal finance.

Public Health and Disasters

Health Emergency and Disaster Risk Management in Asia

Springer Nature This book presents the health emergency and disaster risk management (H-EDRM) research landscape, with examples from Asia. In recent years, the intersection of health and disaster risk reduction (DRR) has emerged as an important interdisciplinary field. In several landmark UN agreements adopted in 2015-2016, including the Sendai Framework for Disaster Risk Reduction 2015-2030, the 2030 Sustainable Development Goals (SDGs), the Paris climate agreement, and the New Urban Agenda (Habitat III), health is acknowledged as an inevitable outcome and a natural goal of disaster risk reduction, and the cross-over of the two fields is essential for the successful implementation of the Sendai Framework. H-EDRM has emerged as an umbrella field that encompasses emergency and disaster medicine, DRR, humanitarian response, community health resilience, and health system resilience. However, this fragmented, nascent field has yet to be developed into a coherent discipline. Key challenges include redundant research, lack of a strategic research agenda, limited development of multisectoral and interdisciplinary approaches, deficiencies in the science-policy-practice nexus, absence of standardized terminology, and insufficient coordination among stakeholders. This book provides a timely and invaluable resource for undergraduate and postgraduate students, researchers, scholars, and frontline practitioners as well as policymakers from across the component domains of H-EDRM.

Distributed, Ambient and Pervasive Interactions

7th International Conference, DAPI 2019, Held as Part of

the 21st HCI International Conference, HCII 2019, Orlando, FL, USA, July 26–31, 2019, Proceedings

Springer This book constitutes the refereed proceedings of the 7th International Conference on Distributed, Ambient and Pervasive Interactions, DAPI 2019, held as part of the 21st International Conference on Human-Computer Interaction, HCII 2019, in Orlando, Florida, USA, in July 2019. A total of 1274 papers and 209 posters have been accepted for publication in the HCII 2019 proceedings from a total of 5029 submissions. The 36 papers included in this volume were organized in topical sections on IoT and big data; smart cities and built environments; perception and emotion in DAPI; and DAPI for health and learning.

Handbook of Vascular Biometrics

Springer Nature This open access handbook provides the first comprehensive overview of biometrics exploiting the shape of human blood vessels for biometric recognition, i.e. vascular biometrics, including finger vein recognition, hand/palm vein recognition, retina recognition, and sclera recognition. After an introductory chapter summarizing the state of the art in and availability of commercial systems and open datasets/open source software, individual chapters focus on specific aspects of one of the biometric modalities, including questions of usability, security, and privacy. The book features contributions from both academia and major industrial manufacturers.

Global Algorithmic Capital Markets

High Frequency Trading, Dark Pools, and Regulatory Challenges

Oxford University Press, USA Global capital markets have undergone fundamental transformations in recent years and, as a result, have become extraordinarily complex and opaque. Trading space is no longer measured in minutes or seconds but in time units beyond human perception: milliseconds, microseconds, and even nanoseconds. Technological advances have thus scaled up imperceptible and previously irrelevant time differences into operationally manageable and enormously profitable business opportunities for those with the proper high-tech trading tools. These tools include the fastest private communication and trading lines, the most powerful computers and sophisticated algorithms capable of speedily analysing incoming news and trading data and determining optimal trading strategies in microseconds, as well as the possession of gigantic collections of historic and real-time market data. Fragmented capital markets are also becoming a rapidly growing reality in Europe and Asia, and are an established feature of U.S. trading. This raises urgent market governance issues that have largely been overlooked. *Global Algorithmic Capital Markets* seeks to understand how recent market transformations are affecting core public policy objectives such as investor protection and reduction of systemic risk, as well as fairness, efficiency, and transparency. The operation and health of capital markets affect all of us and have profound implications for equality and justice in society. This unique set of chapters by leading scholars, industry insiders, and regulators discusses ways to strengthen market governance for the benefit of society at whole.

Foreign Direct Investment in Latin America and the Caribbean 2017

UN This publication sets out and analyses the main foreign direct investment (FDI) trends in the countries of Latin America and the Caribbean. The 2017 edition shows that the region is at a difficult juncture. FDI inflows declined by 7.9% in 2016, to US\$ 167.043 billion, representing a cumulative fall of 17.0% since the peak in 2011. The fall in commodity prices continues to affect investments in natural resources, sluggish economic growth in several countries has slowed the flow of market-seeking capital, and the global backdrop of technological sophistication and expansion of the digital economy has concentrated transnational investments in developed economies.

Economic and Policy Implications of Artificial Intelligence

Springer Nature This book presents original research articles addressing various aspects of artificial intelligence as applied to economics, law, management and optimization. The topics discussed include economics, policies, finance, law, resource allocation strategies and information technology. Combining the input of contributing professors and researchers from Italian and international universities, the book will be of interest to students, researchers and practitioners, as well as members of the general public interested in the economic and policy implications of artificial intelligence.

International Handbook of Career Guidance

Springer Nature This handbook offers a comprehensive review on career guidance, with an emphasis on the applied aspects of guidance together with research methods and perspectives. It features contributions from more than 30 leading authorities in the field from Asia, Africa, America, Australasia and Europe and draws upon a wide range of career guidance paradigms and theoretical perspectives. This handbook covers such subjects as educational and vocational guidance in a social context, theoretical foundations, educational and vocational guidance in practice, specific target groups, testing and assessment, and evaluation.

Granite Skyscrapers

How Rock Shaped Earth and Other Worlds

Springer In this book, David Stevenson offers us a look at the evolution of planets as they move from balls of mixed molten rock to vibrant worlds capable of hosting life. Embedded in our everyday architecture and in the literal ground beneath our feet, granite and its kin lie at the heart of many features of the Earth that we take for granted. From volcanism and mountain building to shifting water levels and local weather patterns, these rocks are closely intertwined with the complex processes that continue to shape and reshape our world. This book serves as a wonderful primer for anybody interested in our planet's geological past and that of other planets in our Solar System and beyond. It illustrates not only how our planet's surface evolved, but also how granite played a pivotal role in the creation of complex, intelligent life on Earth. There has long been a missing element in popular astronomy, which Stevenson now aims to fill: how geological and biological evolution work in a complex partnership, and what our planet's own diversity can teach us about other rocky worlds.

The Technology and Business of Mobile Communications

An Introduction

John Wiley & Sons Provides an introduction to the technical and business aspects of mobile telecommunications, exploring the complete eco-system of the industry with the key segments and how they interact with each other. This industry has seen rapid technical advancements in recent years, yet the basics of providing coverage and capacity to the end users have not changed. The authors introduce these technical basics to the reader and then show how a network is deployed. Technical innovation has been pivotal to the rapid advancement of this industry and the book details some of the main innovations over the years. The book highlights some of the current challenges the industry is facing and how innovation is driven by these challenges. Mobile operators business structures are examined, from the purchasing spectrum to deploying the network and attracting and retaining customers. The role of the regulator is not overlooked, and its role in ensuring a competitive market where consumers have sufficient choice. The authors detail current challenges faced by the operators and how they are using business innovation to overcome these challenges. In describing the changing face of mobile telecoms, the book covers business challenges as well as the technological challenges faced today by the industry. The advent of the Smart phones, which support multiple technologies that compliment and sometimes compete with mobile cellular technology has had a profound impact on the industry, sometimes challenging the role of the mobile operator. A discussion of these yet-unanswered challenges provides some insight into where the industry is heading. The technical aspects of this book are pitched at undergraduate first year mathematics and physics subject levels, making it easily comprehensible to the undergraduate students studying relevant fields. As the title denotes, this book will be at an introductory level, giving a broad coverage to many of the significant technical and business aspects of the industry.

Probability, Choice, and Reason

CRC Press Much of our thinking is flawed because it is based on faulty intuition. By using the framework and tools of probability and statistics, we can overcome this to provide solutions to many real-world problems and paradoxes. We show how to do this, and find answers that are frequently very contrary to what we might expect. Along the way, we venture into diverse realms and thought experiments which challenge the way that we see the world. Features: An insightful and engaging discussion of some of the key ideas of probabilistic and statistical thinking Many classic and novel problems, paradoxes, and puzzles An exploration of some of the big questions involving the use of choice and reason in an uncertain world The application of probability, statistics, and Bayesian methods to a wide range of subjects, including economics, finance, law, and medicine Exercises, references, and links for those wishing to cross-reference or to probe further Solutions to exercises at the end of the book This book should serve as an invaluable and fascinating resource for university, college, and high school students who wish to extend their reading, as well as for teachers and lecturers who want to liven up their courses while retaining academic rigour. It will also appeal to anyone who wishes to develop skills with numbers or has an interest in the many statistical and other paradoxes that permeate our lives. Indeed, anyone studying the sciences, social sciences, or humanities on a formal or informal basis will enjoy and benefit from this book.

Assessment of agricultural plastics and their sustainability: A call for action

Food & Agriculture Org. This report presents the results of a study on agricultural plastic products used globally in a range of different value chains. The study assessed the types and quantities of plastic products, their benefits and trade-offs. Sustainable alternative products or practices were identified for products assessed as having high potential to cause harm to human and ecosystem health or having poor end-of-life management. The report is based on data derived from peer-reviewed scientific papers, governmental and non-governmental organization's research reports, as well as from industry experts, including relevant trade bodies. The report's recommendations were verified during extensive consultation and review with FAO and external experts. The authors hope that the study will provide an impetus for discussion about the use of agricultural plastics, their benefits and trade-offs, and ultimately stimulate action to reduce their potential for harm to human health and the environment.

Voting and Political Representation in America: Issues and Trends [2 volumes]

ABC-CLIO Examines voting trends and political representation in the United States today, with a special focus on debates over voting rights, voter fraud, and voter suppression; and election rules and regulations, including those related to gerrymandering, campaign fundraising, and other controversies. Does the average American have a voice in Washington? Are they well-represented, or are they marginalized? Do elections reflect fundamental democratic institutions and values, or are they tarnished by voter suppression, voter fraud, gerrymandering, or other factors? To what extent do America's elected officials reflect the diversity of race, religion, gender, socioeconomic background, sexual orientation, and political views of the wider American population? This encyclopedia explores all these questions and more. It examines important mechanisms and laws shaping political representation in America in the 21st century, such as term limits, gerrymandering, the Electoral College, and "direct democracy" (ballot initiatives and referendums); and the degree to which various demographic groups are represented in state and federal legislatures, from Latinos and senior citizens to atheists and residents of rural states. It also explains the basis for escalating concerns about both voter fraud and voter suppression. Sets voting trends and political representation in context through a historical overview of their evolution in America. Provides authoritative coverage of important terms, laws, trends, and controversies ranging from racially based voter suppression efforts to gerrymandering in an encyclopedia section. Coverage of structural elements of elections and political representation. Chronology of events that have shaped the modern world of voting and political representation in America.

Critical Issues in Contemporary Japan

Routledge This new and fully updated second edition of *Critical Issues in Contemporary Japan* provides undergraduate and graduate students with an interdisciplinary textbook written by leading specialists on contemporary Japan. Students will gain the analytical insights and information necessary to assess the challenges that confront the Japanese people, policymakers and private and public-sector institutions in Japan today. Featuring a comprehensive analysis of key debates and issues confronting Japan, issues covered include: A rapidly aging society and changing employment system Nuclear and renewable energy policy Gender discrimination Immigration and ethnic minorities Post-3/11 tsunami, earthquake and nuclear meltdown developments Sino-Japanese relations An essential reference work for students of contemporary Japan, it is also an invaluable source for a variety of courses, including comparative politics, anthropology, public policy and international relations.

A Research Agenda for Public-Private Partnerships and the Governance of Infrastructure

Edward Elgar Publishing This timely *Research Agenda* examines the ways in which public-private partnerships (PPPs) in infrastructure continue to excite policy makers, governments, research scholars and critics around the world. It analyzes the PPP research journey to date and articulates the lessons learned as a result of the increasing interest in improving infrastructure governance. Expert international contributors explore how PPP ideas have spread, transferred and transformed, and propose a range of future research directions.

Society 5.0

A People-centric Super-smart Society

Springer Nature This open access book introduces readers to the vision on future cities and urban lives in connection with "Society 5.0", which was proposed in the 5th Basic Science and Technology Plan by Japan's national government

for a technology-based, human-centered society, emerging from the fourth industrial revolution. The respective chapters summarize the findings and suggestions of joint research projects conducted by H-UTokyo Lab. Through the research collaboration and discussion, this book explores the future urban lives under the concept of "Society 5.0", characterized by the key phrases of data-driven society, knowledge-intensive society, and non-monetary society, and suggests the directionality to which the concept should aim as Japan's technology-led national vision. Written by Hitachi's researchers as well as academics from a wide range of fields, including engineering, economics, psychology and philosophy at The University of Tokyo, the book is a must read for members of the general public interested in urban planning, students, professionals and researchers in engineering and economics.

Understanding Sport Organizations

Applications for Sport Managers

Human Kinetics The classic groundbreaking text for understanding organizational theory in the sport industry is back in an extensively revised new edition. With an added emphasis on organizational behavior and practical applications of the theory, *Understanding Sport Organizations: Applications for Sport Managers, Third Edition*, provides a logical progression to understanding the many components of and processes in sport organizations. Readers will gain a strong theoretical foundation while learning how it applies within the context of the ever-changing field of sport management. In this third edition, new chapters incorporate critical concepts that sport managers in the current era must be familiar with: Different policy types and the responses of sport organizations to policy Perspectives of marketing of sport and marketing through sport Control in sport organizations Sex and gender in sport organizations Volunteer management in sport Dimensions and assessment of governance in sport organizations Mental health difficulties and management strategies within sport environments Applying statistical analysis to support analytic decision making in sport Corporate social responsibility Procurement and sport organizations To facilitate comprehension and application, each chapter opens with a list of key concepts and a real-world, contemporary scenario to demonstrate the relevance of theory and behavior in the sport industry. Time Out sidebars offer accounts from actual sport organization situations or from research findings to further illustrate issues being discussed. Chapter summaries and review questions are provided to stimulate discussion about the central issues from each chapter. Key Issues for Sport Managers boxes highlight how chapter content is applied at the level of sport manager, and closing Case for Analysis examples allow readers to directly apply information from each chapter. Real-world examples throughout the text provide opportunities for additional exploration and application of relevant concepts. Every chapter references key articles that build on the foundational framework presented and includes suggestions for further reading within general management and sport management literature. This thorough presentation of subject matter will guide readers to a greater and more practical understanding of core issues. Synthesizing modern conceptual and empirical research from many fields of management into a practical, engaging look at the sport management field, *Understanding Sport Organizations: Applications for Sport Managers, Third Edition*, is an invaluable resource for students and current practitioners alike.

Management and Regulation of Pension Schemes

Australia a Cautionary Tale

Routledge Perhaps the greatest long-term challenge facing modern economies is how to pay for the living expenses and care costs of the elderly. Following policy decisions made in Australia in the 1990s, a substantial part of the pension requirements of the next cohort of retirees will be met from savings accumulated during working years. The effective management of these savings is crucial. If they are invested wisely, the assets available to fund pensions and care will grow; if not, available funds may turn out to be insufficient. Unfortunately, there is considerable evidence worldwide that the management of funds attracts rent-seeking behaviour by the financial services industry which erodes much of the potential return. Australia introduced compulsory superannuation contributions for its working population in 1991, leading to a proliferation of funded schemes that are largely run by the private sector. Complexity, and many degrees of separation between fund members and those who manage their funds, have emerged as serious problems. Combined with weak competitive pressures and governance systems, and insufficient legal and regulatory constraints, the result is a system that does not serve its members well. This book provides a detailed evaluation of the Australian experience, highlights the extent to which the financial services industry has extracted rents from Australian pensioners, and how and why this occurred. Based on original empirical research, and examination of industry reviews and relevant literature, the book demonstrates the numerous principal-agent, conflict of interest and rent extraction problems that have emerged in Australia. The book makes suggestions for how these problems can be addressed in Australia, and also provides lessons for other countries wishing to enact pension reform.

Seasonal Sociology

University of Toronto Press Life in Canada is marked, celebrated, enjoyed, and dreaded in ways that respond specifically to the seasons. Sociological thinking allows people to ask questions about things that may otherwise be taken for granted. Thinking about the seasons sociologically opens up a unique perspective for studying and

understanding social life. Each chapter in this collection approaches the seasons and the passage of time as a way to explore issues of sociological interest. The authors use seasonality as a device that can bridge, in fascinating ways, small-scale interpersonal interactions and large formal institutional structures. These contemporary, Canadian case studies are wide-ranging and include analyses of pumpkin spice lattes, policing in schools, law and colonialism, summer cottages, seasonal affective disorder, New Year's resolutions, Vaisakhi celebrations, and more. *Seasonal Sociology* offers provocative new ways of thinking about the nature of our collective lives.

Model Rules of Professional Conduct

American Bar Association The Model Rules of Professional Conduct provides an up-to-date resource for information on legal ethics. Federal, state and local courts in all jurisdictions look to the Rules for guidance in solving lawyer malpractice cases, disciplinary actions, disqualification issues, sanctions questions and much more. In this volume, black-letter Rules of Professional Conduct are followed by numbered Comments that explain each Rule's purpose and provide suggestions for its practical application. The Rules will help you identify proper conduct in a variety of given situations, review those instances where discretionary action is possible, and define the nature of the relationship between you and your clients, colleagues and the courts.

The Physics Associated with Neutrino Masses

Frontiers Media SA

International Management

A Stakeholder Approach

Edward Elgar Publishing *International Management: A Stakeholder Approach* applies a practical, engaging and real time approach to the evolving topics related to International Management. In thirteen chapters, the authors discuss the complexities managers must address when making decisions in a global marketplace, including the complexity of globalization; the external global environment; ethics and social responsibility; culture; communication; entry strategies; global strategies; management decision making; motivation; leadership and organizational change; and human resources.

Soda Goes Pop

Pepsi-Cola Advertising and Popular Music

Tracking Pop Pepsi turned pop music in commercials from novelty to norm--with profound effects on both American culture and commerce

Intellectual Property and Information Rights for Librarians

ABC-CLIO Including real-world scenarios and best practices, this text presents the important topics of patents, trademarks, and copyrights in relation to intellectual property creators and consumers. • Includes ways to identify the basic types of intellectual property and related laws • Offers ways to recognize and distinguish the conceptual difference between intellectual property creators (authors, inventors, etc.) and consumers (users) in information-based situations • Includes examples of fair use and First Amendment rights • Explores legal and ethical issues involving intellectual freedom, internet regulations, privacy, cybercrime, and security • Showcases ways to comprehend and examine intellectual property job-related applications for multiple types of library customers, media creators, and business branding specialists

Being Young in Super-Aging Japan

Formative Events and Cultural Reactions

Routledge Japan is not only the oldest society in the world today, but also the oldest society to have ever existed. This aging trend, however, presents many challenges to contemporary Japan, as it permeates all areas of life, from the economy and welfare to social cohesion and population decline. Nobody is more affected by these changes than the young generation. This book studies Japanese youth in the aging society in detail. It analyses formative events and cultural reactions. Themes include employment, parenthood, sexuality, but also art, literature and language, thus demonstrating how the younger generation can provide insights into the future of Japanese society more generally. This book argues that the prolonged crisis resulted in a commonly shared destabilization of thoughts and attitudes and

that this has shaped a new generation that is unlike any other in post-war Japan. Presenting an inter-disciplinary approach to the study of the aging trend and what it implies for young Japanese, this book will be useful to students and scholars of Japanese culture and society, as well cultural anthropology and demography.

Super Polluters

Tackling the World's Largest Sites of Climate-Disrupting Emissions

Columbia University Press Power plants are essential to achieving the standard of living that modern societies demand and the social and economic infrastructure on which they depend. Yet their indispensability has allowed them to evade responsibility for their vast carbon emissions. Fossil-fueled power plants are the single largest sites of anthropogenic greenhouse gases, making them one of the greatest threats to our planet's climate. Significant as they are, we lack a comprehensive understanding of the social causes that enable power plant emissions and continue to delay their reduction. *Super Polluters* offers a groundbreaking global analysis of carbon pollution caused by the generation of electricity, pinpointing who bears the most responsibility for the energy sector's vast emissions and what can be done about them. The sociologists Don Grant, Andrew Jorgenson, and Wesley Longhofer analyze a novel dataset on the carbon dioxide emissions and structural attributes of thousands of fossil-fueled power plants around the world, identifying which plants discharge the most carbon. They investigate the global, organizational, and political conditions that explain these hyper-emitting facilities' behavior and call into question the claim that improvements in technical efficiency will always reduce emissions. Grant, Jorgenson, and Longhofer demonstrate which energy and climate policies are most effective at abating power-plant pollution, emphasizing how mobilized citizen activism shapes those outcomes. A comprehensive account of who bears the blame for our warming planet, *Super Polluters* points to more feasible and effective emission reduction strategies that target the world's most profligate polluters.

A theory of the super soldier

The morality of capacity-increasing technologies in the military

Manchester University Press Throughout history, states have tried to create the perfect combatant with superhuman physical and cognitive features that are akin to those of comic book superheroes. However, the current innovations have nothing to do with the ones from the past and their development goes beyond a simple technological perspective. On the contrary, they are raising the prospect of a human enhancement revolution that will change the ways with which future wars will be fought and may even profoundly alter the foundations upon which our modern societies are built on. This book, which discusses the full ethical implications of these new technologies, is a unique contribution for students and scholars who care about the morality of warfare.