

Engineering Science N1 26 July 2013 Question Paper

Big Data and Internet of Things: A Roadmap for Smart Environments Reservoir Quality of Clastic and Carbonate Rocks Comparative Sport Development The Pesticide Encyclopedia The Unaccountable State of Surveillance Asia's High Performing Education Systems India's National Security Inclusion from the Start Democracy and Security in the 21st Century Media, Revolution and Politics in Egypt Routledge Handbook of Global Health Security Community Practices for Disaster Risk Reduction in Japan The Global Commercial Aviation Industry The Brand Strategist's Guide to Desire Volunteer Police in the United States Acupuncture for IVF and Assisted Reproduction Buying Defence and Security in Europe Afghanistan after the Western Drawdown Breast Cancer Gene Research and Medical Practices Offshore Asian American Basketball Revitalizing Governance, Restoring Prosperity, and Restructuring Foreign Affairs The Post-2000 Film Western America's Search for Security Dispute Resolution in the 34th America's Cup Out of Nowhere Foreign Policy in Post-Apartheid South Africa Go, Flight! Introduction to Toxicological Screening Methods and Good Laboratory Practice Hezbollah Taiwan's Social Movements under Ma Ying-jeou Indigenous People and Economic Development Focus On: 100 Most Popular Nonlinear Narrative Films Invisibility in African Displacements Theory of Knowledge Third Edition The Newspapers Handbook Unforgettable Maritime Security of India Four Degrees of Global Warming Resolutions and Decisions of the Economic and Social Council

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Resolutions and Decisions of the Economic and Social Council Jun 22 2019 Official Records of the Resolutions and Decisions of the Economic and Social Council for Organizational and Resumed Organizational and Substantive and Resumed Substantive Sessions of 2014.

***Democracy and Security in the 21st Century* Feb 20 2022 At a time when even the foundations and pre-eminence of the Western order are called into question**

by both the weaknesses of the transatlantic partnership and the spectacular rise of the Asia-Pacific region, suggesting a switch to a post-Atlantic order, the contributors to this volume provide specific answers to present-day interrogations pertaining to various processes of transformation. This book offers multidisciplinary perspectives on political, economic, social, technological and cultural dimensions of change, and proposes various possible responses to current global and regional challenges.

The Pesticide Encyclopedia Jul 28 2022 In today's world, food security is an important issue. Food shortages push prices up, impacting upon the health and well-being of hundreds of millions of rural poor across the globe. One way to increase food security is to decrease the amount of yield lost to pests. The Pesticide Encyclopedia provides a comprehensive overview of the fight against pests, covering chemical pesticides, biocontrol agents and biopesticides. It also covers interrelated topics such as pesticide toxicity, legislation and regulation, handling, storage and safety aspects, IPM techniques, resistance management, interaction of pesticides with soil and the environment. An important reference for policy makers, advisers and students and researchers of crop science, this book also includes useful notes on commonly known plant diseases and pests.

Indigenous People and Economic Development Feb 29 2020 Indigenous peoples are an intrinsic part of countries like Australia, New Zealand, Canada, Finland, USA, India, Russia and almost all parts of South America and Africa. A considerable amount of research has been done during the twentieth century mainly by anthropologists, sociologists and linguists in order to describe, and document their traditional life style for the protection and safeguarding of their established knowledge, skills, languages and beliefs. These communities are engaging and adapting rapidly to the changing circumstances partly caused by post modernisation and the process of globalization. These have led them to aspire to better living standards, as well as preserving their uniqueness, approaches to environment, close proximity to social structures and communities. For at least the last two decades, patterns of increased economic activity by indigenous peoples in many countries have been viewed to be significantly on the rise. Indigenous People and Economic Development reveals some of the characteristics of this economic activity, 'coloured' by the unique regard and philosophy of life that indigenous people around the world have. The successes, difficulties and obstacles to economic development, their solutions and innovative practices in business - all of these elements, based on research findings, are discussed in this book and offer an inside view of the dynamics of the indigenous societies which are evolving in a globalised and highly interconnected contemporary world.

Out of Nowhere Sep 05 2020 In mid-2012 the previously almost forgotten Syrian Kurds suddenly emerged as a potential game-changer in the country's civil war when in an attempt to consolidate its increasingly desperate position the Assad government abruptly withdrew its troops from the major Kurdish areas in Syria. The Kurds in Syria had suddenly won autonomy, a situation that has huge implications for neighboring Turkey and the near independent Kurdistan Regional Government (KRG) in Iraq. Indeed, their precipitous rise may prove a tipping-

point that alters the boundaries imposed on the Middle East by the Sykes-Picot Agreement of 1916. These important events and what they portend for the future are scrutinized by the renowned scholar of the Kurds Michael Gunter. He also analyses the sudden rise of Salih Muslim and his Democratic Union Party (PYD) - which was created by the Kurdistan Workers' Party (PKK) and remains affiliated to it - and the extremely complex and deadly fighting between factions of the Syrian Opposition affiliated with al-Qaeda such as the Jabhat al-Nusra jihadists and the PYD, among others.

Go, Flight! Jul 04 2020 At first glance, it looks like just another auditorium in just another government building. But among the talented men (and later women) who worked in mission control, the room located on the third floor of Building 30--at what is now Johnson Space Center--would become known by many as "the Cathedral." These members of the space program were the brightest of their generations, making split-second decisions that determined the success or failure of a mission. The flight controllers, each supported by a staff of specialists, were the most visible part of the operation, running the missions, talking to the heavens, troubleshooting issues on board, and, ultimately, attempting to bring everyone safely back home. None of NASA's storied accomplishments would have been possible without these people. Interviews with dozens of individuals who worked in the historic third-floor mission control room bring the compelling stories to life. *Go, Flight!* is a real-world reminder of where we have been and where we could go again given the right political and social climate.

The Newspapers Handbook Oct 26 2019 This new edition of *The Newspapers Handbook* presents an enlightening examination of an ever-evolving industry, engaging with key contemporary issues, including reporting in the digital age and ethical and legislative issues following the hacking scandal to display a comprehensive anatomy of the modern newsroom. Richard Lance Keeble and Ian Reeves offer readers expert practical advice, drawing on a wide range of examples from print and digital news sources to illustrate best practice and the political, technological and financial realities of newspaper journalism today. Other key areas explored include: the language of news basic reporting the art of interviewing feature writing the role of social media in reporting investigative reporting court reporting reporting on national and local government guidance on training and careers for those entering the industry.

Offshore Mar 12 2021 What has happened on Nauru and Manus since Australia began its most recent offshore processing regime in 2012? This essential book provides a comprehensive and uncompromising overview of the first three years of offshore processing since it recommenced in 2012. It explains why offshore processing was re-established, what life is like for asylum seekers and refugees on Nauru and Manus, what asylum seekers, refugees and staff in the offshore detention centres have to say about what goes on there, and why the truth has been so hard to find. In doing so, it goes behind the rumours and allegations to reveal what is known - and what still is not known - about Australia's offshore detention centres.

Taiwan's Social Movements under Ma Ying-jeou Mar 31 2020 In the spring of 2014, the Sunflower Movement's three-week occupation of the Legislative Yuan

brought Taiwan back to international media attention. It was the culmination of a series of social movements that had been growing in strength since 2008 and have become even more salient since the spring of 2014. Social movements in Taiwan have emerged as a powerful new actor that needs to be understood alongside those players that have dominated the literature such as political parties, local factions, Taishang, China and the United States. This book offers readers an introduction to the development of these social movements in Taiwan by examining a number of important movement case studies that focus on the post 2008 period. The return of the Kuomintang (KMT) to power radically changed the political environment for Taiwan's civil society and so the book considers how social activists responded to this new political opportunity structure. The case chapters are based on extensive fieldwork and are written by authors from a variety of disciplinary backgrounds and methodological approaches; in some cases authors combine being both academics and activists themselves. Together, the chapters focus on a number of core issues, providing the book with four key aims. Firstly, it investigates the roots of the movements and considers how to best explain their emergence. Secondly, it examines the development trajectories of these movements. Thirdly, it looks at the best way to explain their impact and development patterns, and finally it assesses their overall impact, questioning whether they can be regarded as successes or failures. Covering a unique range of social movement cases, the book will be of interest to students and researchers interested in Taiwanese society and politics, as well as social movements and civil society.

Hezbollah May 02 2020 Almost thirty years after its foundation, Lebanese Hezbollah remains an organization difficult to understand. An Islamist terrorist group dedicated to destroying Israel or the first Arab national Resistance to have ever defeated Tel-Aviv's troops, a patriotic and respectable party or a fascist network having managed to control all levers of Lebanese political life... what exactly is Hezbollah? How did it acquire such an important role in the Middle-Eastern game and in Lebanese politics? This book has three purposes. It first gives an articulated definition of Hezbollah, presenting a thorough history of the party, describing its well-built internal structure, and the large scope of its social and political action. It then explains the evolution of the party's mobilization. Finally, it illustrates another path, political but mainly identity-related, that of the Shiite community, today the main constituent of Lebanese society. Through a rigorous and richly documented study, mainly based on primary sources, amongst which hundreds of interviews with rank and file members, executives and officials of the party, and research material never examined before, the author unveils brand new aspects of this organization, thus completing, in a clear and efficient manner, our understanding of both the "Hezbollah phenomenon" and Lebanese politics of the last two decades.

Asia's High Performing Education Systems May 26 2022 Education officials, specialist leaders and teachers have all been involved in different ways to bring about school reform in Hong Kong. This book is a very current and relevant analysis of this reform, highlighting the way in which agencies have cooperated in bringing about change over the last several decades. Through a process of wide-

ranging decision-making, collaboration and consensus among key bodies and agencies of change, some important developments have occurred. The reforms collectively have had, and are continuing to have, a major impact upon schooling in Hong Kong. This volume represents a range of authors and specialists involved in a number of different reforms, covering themes such as historical policy contexts, new curriculum approaches, changing pedagogies, school leadership, implementation and change, and assessment and evaluation. This is a very topical book which provides a probing analysis of how an Asian education system has been able to reach and maintain a very high performing level.

The Post-2000 Film Western Dec 09 2020 This collection explores the post-2000 film Western. With examples ranging from major American films, through acclaimed international productions, to works such as experimental films and television commercials, the contributors seek to account for the appeal and currency of the film Western today.

Maritime Security of India Aug 24 2019 This book focuses on various aspects of maritime security of India. Starting with the changing dimensions of national security, it addresses the issues such as non-traditional threats to security, the threat posed by non state actors, the causes of insecurity and also the imperatives of tackling the human security challenges. The need for a comprehensive change in India's security policy is well exposed and certain policy prescriptions are also given. The oceans are generally meant for better inaction among nations, especially in the era of accelerated pace of globalization. With regard to the coastal security of India the role of coastal community is significant. The needs for inculcating awareness among the coastal community on coastal security matters as well as infrastructure development along the coastal area are also emphasized. It is very important to look into the basic problems of coastal people as they face many human security challenges. When we look into the coastal security a convergence of the national security concerns and human security concerns is visible. The overall development of the coastal area would lead to better human security and better human security would result in enlisting the support of the coastal community to ensure national security programme, especially the coastal security. In short, coastal security is not only about protecting the coastal terrain and territorial waters from direct attacks by the state actors or non state actors, but also safeguarding the interests of all stake holders.

The Global Commercial Aviation Industry Oct 19 2021 This book provides a state-of-the-art overview of the changes and development of the civil international aircraft/aviation industry. It offers a fully up-to-date account of the international developments and structure in the aircraft and aviation industries from a number of perspectives, which include economic, geographical, political and technological points of view. The aircraft industry is characterized by very complex, high technology products produced in relatively small quantities. The high-technology requirements necessitate a high level of R&D. In no other industry is it more of inter-dependence and cross-fertilisation of advanced technology. Consequently, most of the world's large aircraft companies and technology leaders have been located in Europe and North America. During the last few decades many

developing countries have tried to build up an internationally competitive aircraft industry. The authors study a number of important issues including the political economy of the aircraft industry, globalization in this industry, innovation, newly industrializing economies and the aircraft industry. This book also explores regional and large aircraft, transformation of the aviation industry in Central and Eastern Europe, including engines, airlines, airports and airline safety. It will be of great value to students and to researchers seeking information on the aircraft industry and its development in different regions.

Asian American Basketball Feb 08 2021 When Jeremy Lin began to knock down shots for the New York Knicks in 2012, many Americans became aware for the first time that Asian Americans actually play basketball. Indeed, long before Lin shook up the NBA, Asian Americans played the game with passion and skill, and many excelled at high school, college and professional hoops. This comprehensive history of Asian American basketball discusses how these players first found a sense of community in the game, and competed despite an atmosphere of anti-Asian bigotry in historical and contemporary America.

***Big Data and Internet of Things: A Roadmap for Smart Environments* Oct 31 2022** This book presents current progress on challenges related to Big Data management by focusing on the particular challenges associated with context-aware data-intensive applications and services. The book is a state-of-the-art reference discussing progress made, as well as prompting future directions on the theories, practices, standards and strategies that are related to the emerging computational technologies and their association with supporting the Internet of Things advanced functioning for organizational settings including both business and e-science. Apart from inter-operable and inter-cooperative aspects, the book deals with a notable opportunity namely, the current trend in which a collectively shared and generated content is emerged from Internet end-users. Specifically, the book presents advances on managing and exploiting the vast size of data generated from within the smart environment (i.e. smart cities) towards an integrated, collective intelligence approach. The book also presents methods and practices to improve large storage infrastructures in response to increasing demands of the data intensive applications. The book contains 19 self-contained chapters that were very carefully selected based on peer review by at least two expert and independent reviewers and is organized into the three sections reflecting the general themes of interest to the IoT and Big Data communities: Section I: Foundations and Principles Section II: Advanced Models and Architectures Section III: Advanced Applications and Future Trends The book is intended for researchers interested in joining interdisciplinary and transdisciplinary works in the areas of Smart Environments, Internet of Things and various computational technologies for the purpose of an integrated collective computational intelligence approach into the Big Data era.

Four Degrees of Global Warming Jul 24 2019 At Copenhagen in December 2009, the international community agreed to limit global warming to below two degrees Celsius to avoid the worst impacts of human-induced climate change. However climate scientists agree that current national emissions targets collectively will still not achieve this goal. Instead, the 'ambition gap' between climate science

and climate policy is likely to lead to average global warming of around four degrees Celsius by or before 2100. If a 'Four Degree World' is the de facto goal of policy, we urgently need to understand what this world might look like. **Four Degrees of Global Warming: Australia in a Hot World** outlines the expected consequences of this world for Australia and its region. Its contributors include many of Australia's most eminent and internationally recognized climate scientists, climate policy makers and policy analysts. They provide an accessible, detailed, dramatic, and disturbing examination of the likely impacts of a Four Degree World on Australia's social, economic and ecological systems. The book offers policy makers, politicians, students, and anyone interested climate change, access to the most recent research on potential Australian impacts of global warming, and possible responses.

The Brand Strategist's Guide to Desire Sep 17 2021 This is a guide to help brand strategists consider what people really want in order to enhance their lives, and think about the role of their brand in responding to these desires. It offers a new framework for understanding desire, based on some of the things that are really important to us: our family, friends and community; the desire to explore, learn and grow; how we experience the world through our senses; our appetite to live life to the full; and what we set out to achieve. Brand strategists are the link between a commercial proposition and the lives it means to touch. They can talk to the people the company wants to reach, and - more importantly - listen to them. A brand which both enhances people's lives, and nurtures the resources on which they depend, will prove more resilient, win trust and achieve better results.

Afghanistan after the Western Drawdown May 14 2021 Al Qaeda, the Afghan Taliban, and their allies are poised to return to Afghanistan and the Mujahidin in Pakistan may once again draw the support of pools of fighters. Experts from the countries discussed explain the post-2014 key strategic decisions that face policymakers in Afghanistan, the United States, and the region.

Media, Revolution and Politics in Egypt Jan 22 2022 For too long Egypt's system of government was beholden to the interests of the elite in power, aided by the massive apparatus of the security state. Breaking point came on 25 January 2011. But several years after popular revolt enthralled a global audience, the struggle for democracy and basic freedoms are far from being won. **Media, Revolution, and Politics in Egypt: The Story of an Uprising** examines the political and media dynamic in pre-and post-revolution Egypt and what it could mean for the country's democratic transition. We follow events through the period leading up to the 2011 revolution, eighteen days of uprising, military rule, an elected president's year in office, and his ouster by the military. Activism has expanded freedoms of expression only to see those spaces contract with the resurrection of the police state. And with sharpening political divisions, the facts have become amorphous as ideological trends cling to their own narratives of truth.

Focus On: 100 Most Popular Nonlinear Narrative Films Jan 28 2020

Unforgettable Sep 25 2019 We have an uneasy relationship with the relentless deluge of information gushing out of academia and our media outlets. To turn it off is escapist, but to attempt to cognitively grapple with it is overwhelming. In **Unforgettable: Enabling Deep and Durable Learning**, a nationally recognized

master teacher gives professors and their students the means to chart a clear path through this information explosion. Humans crave explanatory patterns, and this book enables teachers to think deeply about their academic disciplines to find and articulate their core explanatory principles and to engage their students in a compelling way of thinking. An alternative title for this book could be *Why the Best College Teachers Do What They Do* because the author articulates a compelling rationale that will equip faculty to create and deliver transformative courses. Students in transformative courses grapple with essential questions and gain mental muscle that equips them for real world challenges.

Routledge Handbook of Global Health Security Dec 21 2021 This new Handbook presents an overview of cutting-edge research in the growing field of global health security. Over the past decade, the study of global health and its interconnection with security has become a prominent and rapidly growing field of research. Ongoing debates question whether health and security should be linked; which (if any) health issues should be treated as security threats; what should be done to address health security threats; and the positive and negative consequences of 'securitizing' health. In academic and policy terms, the health security field is a timely and dynamic one and this handbook will be the first work comprehensively to address this agenda. Bringing together the leading experts and commentators on health security issues from across the world, the volume comprises original and cutting-edge essays addressing the key issues in the field and also highlighting currently neglected avenues for future research. The book intends to provide an accessible yet sophisticated introduction to the key topics and debates and is organised into four key parts: Health Securities: the fundamental conceptual issues, historical links between health and security and the various ways of conceptualising health as a security issue Threats: those health issues which have been most frequently discussed in security terms Responses: the wide range of contemporary security-driven responses to health threats Controversies: the securitization of health, its impact on rights and justice and the potential distortion of the global health agenda This book will be of great interest to students of global health security, public health, critical security studies, and International Relations in general.

Inclusion from the Start Mar 24 2022 Like any other children, Roma children have the right to education. They are all born with talents and potential, just like other children, and are capable of succeeding and contributing to society - if they are accepted by the majority and educated in inclusive early childhood services and schools. However, many Roma children in Europe continue to face discrimination, segregation and exclusion from quality early childhood care and education (ECCE). *Inclusion from the start - Guidelines on inclusive early childhood care and education for Roma children* envisions ECCE as an important stepping stone toward inclusive participation in school and society. By fostering good health, well-being, school readiness and the value of equality and living together in the early years, society can help Roma children get a good start in primary school. These guidelines provide guidance on key themes in ECCE - such as the conceptualisation of ECCE services, agenda setting, curricular and pedagogical approaches, staff training and professional development, assessment and

transition to primary education - and highlight examples of good practice. It is hoped that they will support the work of policy makers, early childhood educators and their trainers, Roma organisations, NGOs and international organisations and contribute to making a real change in the lives of young Roma children.

Comparative Sport Development Aug 29 2022 The aim of this book is to provide an overview of perspectives and approaches to sports development focusing on sport systems, sport participation and public policy towards sports. It includes twelve European countries covering all regions of Europe and eleven countries from around the globe. The objective is to present an overview of the diversity of approaches taken to sport development, focusing on the different sport systems and how sport is financed, the underlying applications of sport policy and how it is reflected in sport participation. This book takes a comparative approach which is reflected in each chapter following a similar structure. The diversity of sports systems in Europe and other continents and their (historical) context is shown. Thereby a range of policy approaches underpinning sport development around the world are presented, making it of interest to both academics and policy-makers concerned with sports economics and policy.

Introduction to Toxicological Screening Methods and Good Laboratory Practice Jun 02 2020 This book focuses on the principles, methods, and interpretation involved in establishing the safety, risk, and hazard assessment of small molecules. It presents the regulatory requirements for risk and hazard identification as per the guidelines of the Organization for Economic Cooperation and Development (OECD), Paris, and the International Council for Harmonisation (ICH) of Technical Requirements for Pharmaceuticals for Human Use ICH and Schedule Y, India. It serves as reference material for undergraduate and postgraduate pharmacy degree students as well as senior researchers to learn about the principles, methods, and interpretations of systemic dosage (acute and repeated dose) and genotoxicity (in vitro and in vivo), special toxicological investigations such as reproductive and developmental toxicology, carcinogenicity, and toxicokinetics using animal models or in vitro methods, as applicable. This book is the first of its kind in providing information on the principles and methods of implementation of Good Laboratory Practice based on the guidelines of OECD. It includes detailed chapters about the regulatory requirements and guidelines in pharmaceutical products and agrochemicals. It also describes the infrastructure needed for preclinical studies, including in vivo and in vitro facilities.

America's Search for Security Nov 07 2020 This book details the ways in which America's ascendancy to global superpower status was the result of its dueling foreign policy philosophies and forces: an historically expansive idealism balanced with an equally constant realist restraint. In *America's Search for Security*, Sean Kay surveys major historical trends in American foreign policy and provides a new context for thinking about America's rise to power from the founding period through the end of the Cold War. It details the post-Cold War rise of idealist foreign policy goals and the costs of abandoning realist roots, analyzing in-depth the wars in Iraq and Afghanistan as examples of what disappointing, if not disastrous, outcomes can befall America abroad when

foreign policy objectives are muddled, unclear, and fail to remain grounded in what historically has made America an unquestionable world power. This book also focuses on America's recent "pivot" to Asia, and efforts to restore a realist balance abroad and at home in the second Obama administration, concluding with a look at what the future of American power will look like in a rapidly evolving world in need of newer, more modernized, and adaptable forms of leadership. Tracing the tension between idealism and realism, Kay provides a detailed explanation of the rise of a post-Cold War idealist consensus in Washington, D.C. - and shows how that culminated in a return to realism in both the 2013 debates over intervention in Syria and the 2014 crisis with Russia.

***India's National Security* Apr 24 2022** This fourteenth volume of India's National Security Annual Review intensively analyses India's national security with respect to the changing internal and external dynamics. In the global environment, the situation is characterised by rising tensions between United States and Russia, intensified rivalry between United States (US) and China, and increasing cooperation between China and Russia. For India which seeks peaceful growth to emerge as a major power, this poses severe diplomatic challenges. This volume discusses the complexity of these challenges and the deftness with which India gets the best out of its strategic partnerships with the US and Russia while warding off the transgressions of a mighty adversary like China. It also studies the impact of internal convulsions and external intrusions on India's security from South Asian nations such as Afghanistan, Bangladesh, Nepal and Sri Lanka. Examining the field of internal security, the essays carry rare insights into the causes of expansion of Naxalite violence in tribal areas and the dynamics of conflict resolution in the Northeast, as well as India's deep concern as a growing power with its economic slowdown in the recent past, and energy and cyber security. Bringing together contributions from eminent scholars and diplomats, the volume will be indispensable for policymakers, government think tanks, defence and strategic studies experts, as well as students and researchers of international relations, foreign policy and political science.

Revitalizing Governance, Restoring Prosperity, and Restructuring Foreign Affairs Jan 10 2021 The American people generally perceive that the United States is headed in "the wrong direction," US influence worldwide is waning, Capitol Hill is not adequately representing the public's interests, and their personal economic wellbeing is in jeopardy. This book squarely tackles the list of "fault lines" currently facing the United States, including, among others, Beltway dysfunctionality, concentrated wealth and income not seen since the late 1920s, an ultra-expensive and inefficient health-care system, runaway entitlement spending, stagnant upward mobility, debilitating "crony capitalism," and incoherent foreign policy. Even more importantly, the book offers explicit policy recommendations for solving each fault line, relying extensively on "best practices" in the public and private sectors both at home and abroad. Moreover, the author emphasizes that the United States is entering a special period which provides it with advantages not found anywhere else in the world—a major energy boom, favorable demographics, unparalleled high-technology innovation, huge inward investment flows from abroad, the revival of its manufacturing

sector, and its magnetism in attracting to its shores the very best and brightest from around the world. Dr. Fry asserts that it is quite reasonable to assume that the United States will enter a "Renaissance America" period by 2030. Doing so, however, will require painful short-term sacrifices, major policy changes, and the restoration of vibrant representative government. In effect, the American people must overwhelmingly embrace Abraham Lincoln's vision of governance "of the people, by the people, and for the people."

Volunteer Police in the United States Aug 17 2021 This work examines in-depth the phenomenon of volunteer policing in the United States. Due to a combination of municipal budget cuts, decreased manpower, and a renewed interest in community partnership, everyday citizens are increasingly joining the police rank and file. This trend provides low-cost solutions for a number of policing problems, but also brings its own special challenges and considerations. This work provides a historical overview of volunteer police in the United States and abroad; a practical overview of volunteer programs throughout the United States including training programs, requirements and qualifications; a close examination of two central types of laws governing volunteer police units: the "Stand Your Ground" law and the "Good Samaritan" law; and overview of the dangers that can face volunteer police units, and a comparative analysis with volunteer programs worldwide. It will be of interest to researchers in police studies, criminal justice administration, and for policymakers and practitioners working with police organization and training.

Dispute Resolution in the 34th America's Cup Oct 07 2020 The America's Cup continues to evolve as the preeminent sporting contest in the world of sailing and is one of the greatest contests in the world of sport. In its long and colorful history, disputes around the match have not only added major extra publicity to the event's great popular appeal but also spawned a wealth of judicial and arbitral decisions that have become influential on the sport of sailing. This book - continuing the tradition of Kluwer Law International's earlier publications on the 31st, 32nd, and 33rd America's Cup - offers richly detailed expert commentary (along with the decision texts themselves) on the judgments of various courts and other dispute resolution bodies delivered during the tumultuous 34th America's Cup. Since there is no official record of many of these documents, this book is the only source that presents them together in a single volume, with the added benefit of commentary. Among the aspects covered are the following: - all decisions issued by the 34th America's Cup International Jury, as well as related decisions or awards rendered by other bodies (ISAF Disciplinary Commission, ISAF Review Board and the Court of Arbitration for Sport); - judgments of the New York Supreme Court and its Appellate Division regarding the rejection of the African Diaspora Maritime Corporation application to compete to be a defender; - the pivotal Jury decision affirming that the AC72 yacht could be made to foil on its centreboards and rudders, dramatically increasing its speed; - the first-time-ever Youth America's Cup; and - the extensive mediation concerning safety recommendations following the death of a sailor. A general introduction surveys the most important and peculiar issues pertaining to the event. Written not only as a comprehensive legal record of the 34th America's Cup but also with a view to

favor future matches and to limit the possibilities of new controversies, the book takes a significant step toward ensuring that disputes are dealt with by arbitration and not by lengthy, costly, and uncertain state court proceedings. In this way the book provides invaluable guidance for trustees, competitors, and event officials, not only for the America's Cup but by extension to other major international sporting events.

Buying Defence and Security in Europe Jun 14 2021 A critical evaluation of the EU Defence and Security Procurement Directive 2009/81/EC in its legal, economic, military, and political context.

The Unaccountable State of Surveillance Jun 26 2022 This book examines the ability of citizens across ten European countries to exercise their democratic rights to access their personal data. It presents a socio-legal research project, with the researchers acting as citizens, or data subjects, and using ethnographic data collection methods. The research presented here evidences a myriad of strategies and discourses employed by a range of public and private sector organizations as they obstruct and restrict citizens' attempts to exercise their informational rights. The book also provides an up-to-date legal analysis of legal frameworks across Europe concerning access rights and makes several policy recommendations in the area of informational rights. It provides a unique and unparalleled study of the law in action which uncovered the obstacles that citizens encounter if they try to find out what personal data public and private sector organisations collect and store about them, how they process it, and with whom they share it. These are simple questions to ask, and the right to do so is enshrined in law, but getting answers to these questions was met by a raft of strategies which effectively denied citizens their rights. The book documents in rich ethnographic detail the manner in which these discourses of denial played out in the ten countries involved, and explores in depth the implications for policy and regulatory reform.

Reservoir Quality of Clastic and Carbonate Rocks Sep 29 2022 Reservoir quality is studied using a wide range of similar techniques in both sandstones and carbonates. Sandstone and carbonate reservoir quality both benefit from the study of modern analogues and experiments, but modelling approaches are currently quite different for these two types of reservoirs. There are many common controls on sandstone and carbonate reservoir quality, but also distinct differences due primarily to mineralogy. Numerous controversies remain including the question of oil inhibition, the key control on pressure solution and geochemical flux of material to or from reservoirs. This collection of papers contains case-study-based examples of sandstone and carbonate reservoir quality prediction as well as modern analogue, outcrop analogue, modelling and advanced analytical approaches.

Community Practices for Disaster Risk Reduction in Japan Nov 19 2021 This book presents key lessons from community-based risk-reduction practices in Japan, a country that is often hit by disasters and that also has shown strong resilience in coping with those disasters. Japan has a strong governance system for disaster risk reduction. However, the Kobe earthquake of 1995 showed the importance of community involvement in disaster response as well as recovery. With several

examples from different parts of Japan, the book elaborates on the importance of community-based risk reduction and the innovations required for sustaining some of the community approaches. The book has 13 chapters and is divided into three parts: (1) Evolution of community-based risk reduction in Japan; (2) Community-based risk-reduction issues; and (3) Case studies. The primary target groups for this book are students and researchers in the fields of environment, disaster risk reduction, and climate change studies. The book provides them with a good idea of the current research trends in the field and furnishes basic knowledge about these vital topics. Another target group comprises practitioners and policy makers, who will be able to apply the knowledge collected here to policy and decision-making.

Invisibility in African Displacements Dec 29 2019 African migrants have become increasingly demonised in public debate and political rhetoric. There is much speculation about the incentives and trajectories of Africans on the move, and often these speculations are implicitly or overtly geared towards discouraging and policing their movements. What is rarely understood or scrutinised however, are the intricate ways in which African migrants are marginalised and excluded from public discourse; not only in Europe but in migrant-receiving contexts across the globe. Invisibility in African Displacements offers a series of case studies that explore these dynamics. What tends to be either ignored or demonised in public debates on African migration are the deliberate strategies of avoidance or assimilation that migrants make use of to gain access to the destinations or opportunities they seek, or to remain below the radar of restrictive governance regimes. This book offers fine-grained analysis of the ways in which African migrants negotiate structural and strategic invisibilities, adding innovative approaches to our understanding of both migrant vulnerabilities and resilience.

Breast Cancer Gene Research and Medical Practices Apr 12 2021 The discovery of the two inherited susceptibility genes BRCA1 and BRCA2 in the mid-1990s created the possibility of predictive genetic testing and led to the establishment of specific medical programmes for those at high risk of developing breast cancer in the UK, US and Europe. The book provides a coherent structure for examining the diversity of practices and discourses that surround developments linked to BRCA genetics, and to the evolving field of genetics more broadly. It will be of interest to students and scholars of anthropology, sociology, history of science, STS, public health and bioethics. Chapter 8 of this book is freely available as a downloadable Open Access PDF under a Creative Commons Attribution-Non Commercial-No Derivatives 3.0 license. https://s3-us-west-2.amazonaws.com/tandfbis/rt-files/docs/Open+Access+Chapters/9780415824064_oachapter8.pdf

Foreign Policy in Post-Apartheid South Africa Aug 05 2020 South Africa is the most industrialized power in Africa. It was rated the continent's largest economy in 2016 and is the only African member of the G20. It is also the only strategic partner of the EU in Africa. Yet despite being so strategically and economically significant, there is little scholarship that focuses on South Africa as a regional hegemon. This book provides the first comprehensive assessment of South Africa's post-Apartheid foreign policy. Over its 23 chapters - -and with contributions from established Africa, Western, Asian and American scholars, as

well as diplomats and analysts - the book examines the current pattern of the country's foreign relations in impressive detail. The geographic and thematic coverage is extensive, including chapters on: the domestic imperatives of South Africa's foreign policy; peace-making; defence and security; bilateral relations in Southern, Central, West, Eastern and North Africa; bilateral relations with the US, China, Britain, France and Japan; the country's key external multilateral relations with the UN; the BRICS economic grouping; the African, Caribbean and Pacific Group (ACP); as well as the EU and the World Trade Organization (WTO). An essential resource for researchers, the book will be relevant to the fields of area studies, foreign policy, history, international relations, international law, security studies, political economy and development studies.

Theory of Knowledge Third Edition Nov 27 2019 A unique narrative through the latest TOK guide from two of the IB's most respected experts - Guides students by helping them examine the nature of knowledge and ways of knowing - Develops diverse and balanced arguments by raising questions in a variety of contexts - Provides complete support assessment - Includes all the new ways of knowing and areas of knowledge Also available This Student's Book is supported by Dynamic Learning, which offers Teaching and Learning Resources that include a guide to teaching the course and classroom activities, plus a unique lesson builder tool to help teachers collate and organise a range of resources into lessons. The Dynamic Learning package also includes a Whiteboard eTextbook version of the book for front of class teaching and lesson planning. Also from later in the year, please look out for assignable and downloadable Student eTextbooks

Acupuncture for IVF and Assisted Reproduction Jul 16 2021 The management of infertility using acupuncture is an expanding area of practice and one which is frequently rewarding for TCM acupuncture practitioners. Acupuncture for IVF and Assisted Reproduction has been specially prepared to meet the growing demand for information in this area and draws upon 20 years combined experience of the authors together with the latest evidence from both orthodox medicine and TCM. Richly illustrated and clearly written throughout, the book takes the reader through the anatomy and physiology of reproductive medicine (from both an orthodox and TCM perspective) and explains the underlying basis of orthodox medical fertility tests and investigations. The volume then explores the pathology and aetiology of TCM syndromes and shows how common fertility-related conditions, such as endometriosis and male factor infertility, affect Assisted Reproductive Technology (ART) success rates. It explains in great detail how to take a reproductive medical history and successfully diagnose TCM syndromes. Acupuncture for IVF and Assisted Reproduction also provides guidelines on how to regulate the menstrual cycle in preparation for IVF treatment and shows how lifestyle can affect fertility and ART success rates. Placing a strong emphasis on the practical aspects of patient care, Acupuncture for IVF and Assisted Reproduction contains an abundance of case history templates, algorithmic acupuncture treatment pathways and patient fact sheets and will be ideal for all acupuncture practitioners working in this field. "A must have for the bookshelf of any acupuncturist who is ever called upon to treat fertility issues - if you have

room for one book this surely must be it." Reviewed by The Acupuncture Fertility Centre March 2015 "Practitioners of all levels of experience and TCM students should find it compelling reading and an invaluable companion to their learning." Reviewed by Stephen Clarke, Journal of the Australian Traditional Medicine Society May 2015 "This book is extremely well re-searched and referenced." Reviewed by Danny Maxwell on behalf of Journal of Chinese Medicine, February 2015 Simplifies complex information into easily accessible and understandable material Explains reproductive anatomy and physiology from the perspectives of both orthodox medicine and TCM Explains the underlying basis of orthodox medical fertility tests and investigations Explores the pathology and aetiology of TCM syndromes Provides detailed information on how to take a fertility medical history and how to diagnose TCM syndromes Presents the evidence for the influence of various lifestyle factors on fertility and ART success rates Provides guidelines on how to regulate the menstrual cycle in preparation for IVF treatment Explains how common fertility-related conditions such as endometriosis, Polycystic Ovary Syndrome, thyroid disease, and male factor infertility affect ART success rates Explains how to adapt acupuncture treatment to different ART protocols Provides case history templates, algorithmic acupuncture treatment pathways and patient fact sheets Explains how to manage patients with complex medical histories Looks at Repeated Implantation Failure, reproductive immunology dysfunction, and recurrent miscarriages Explains how to support patients if their IVF is unsuccessful and how to treat patients during early pregnancy Examines ethical considerations relevant to fertility acupuncture practice