

Bueno/smoke/Wawasan Brunei 2035 Melayu

As recognized, adventure as with ease as experience practically lesson, amusement, as capably as understanding can be gotten by just checking out a ebook bueno/smoke/Wawasan Brunei 2035 Melayu with it is not directly done, you could take even more re this life, going on for the world.

We have the funds for you this proper as capably as easy quirk to acquire those all. We allow bueno/smoke/Wawasan Brunei 2035 Melayu and numerous ebook collections from fictions to scientific research in any way. among them is this bueno/smoke/Wawasan Brunei 2035 Melayu that can be your partner.

Integrated Coastal Zone Management Frank Ahlhorn 2017-06-06 An overview of the coordination of various requirements for coastal-zone use is provided in this book, offering examples and best practice. Although it focuses on European coastal zones, it also considers global and historical developments. Questions at the end of each chapter enable readers to test their understanding.

The Life of William Cavendish, Duke of Newcastle, to Which Is Added the True Relation of My Birth, Breeding and Life Charles Harding Firth 2018-10-08 This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

Thermal Springs and Geothermal Energy in the Qinghai-Tibetan Plateau and the Surroundings Zhijie Liao 2017-06-27 This book introduces readers to the rich and varied thermal springs of the Tibetan Plateau, which is steadily rising due to the collision of two continental plates. Readers will discover a wealth of information on boiling springs and hot springs, including their location and elevation, temperature, geological characteristics, and water chemical data, as well as tables on warm and tepid springs. Shedding new light on this vital supplement to hydroelectric resources in remote southwest China, the book will appeal to a broad relationship, from experts researching the Tibetan Plateau to companies specializing in geothermal exploration.

Human Resource Development John P. Wilson 2005 ""The book is a perfect reference document...this text is an essential to all professional practitioners and deserves a place on every bookshop." -- Training Journal

Iron and Health Scientific Advisory Committee on Nutrition 2010 The report provides a comprehensive review of the role of iron in human nutrition and also assesses the adequacy of iron intakes and status of the general and low income populations in the UK. For the general population, SACN is recommending a public health approach to achieving adequate iron status based on a healthy balanced diet that includes a variety of foods containing iron. This is a change to current dietary advice that iron-rich foods should be consumed at the same time as foods/drinks which enhance iron absorption (e.g., fruit, meat) but should not be consumed with those that inhibit iron absorption (e.g., tea, coffee, milk). Groups identified as being at risk of iron deficiency anaemia include toddlers, girls and women of reproductive age, and some adult groups aged over 65 years. Health professionals need to be aware of increased risk of iron deficiency anaemia in these groups and those with evidence suggestive of iron deficiency anaemia should receive appropriate clinical assessment and advice. Red and processed meat is probably associated with an increased risk of colorectal cancer and SACN is advising high consumers of red and processed meat to consider reducing their intakes. Reducing such intake to the population average for adult consumers (estimated to be about 70 g/day cooked weight in 2000/01) would have little effect on the proportion of the population with iron intakes below the lower limit of recommended intake for iron.

To Kill a Sultan Houssine Alloul 2017-11-07 This book explores an event described by the Times as 'one of the greatest and most sensational political conspiracies of modern times'. On 21 July 1905, just after the Friday Prayer at the Y?id?z Hamidiye Mosque in Istanbul, a car bomb exploded and left 26 dead with another 58 wounded. Sultan Abdülhamid II, the target of the attack, remained unscathed. The Ottoman police soon discovered that Armenian revolutionaries were behind the plot and several people were arrested and convicted, among them the Belgian anarchist Edward Joris. His incarceration sparked international reaction and created a diplomatic conflict. The assassination attempt failed, the events faded from memory, and the plot became a footnote in early twentieth-century history. This book rediscovers the conspiracy as a transnational moment in late Ottoman history, opening a window on key themes in modern history, such as international law, terrorism, Orientalism, diplomacy, anarchism, imperialism, nationalism, mass media and humanitarianism. It provides an original look on the many trans- and international links between the Ottoman Empire, Europe and the rest of the world at the start of the twentieth century. cdsdcs

Recent Trends in Information and Communication Technology Faisal Saeed 2017-05-24 This book presents 94 papers from the 2nd International Conference of Reliable Information and Communication Technology 2017 (IRICT 2017), held in Johor, Malaysia, on April 23–24, 2017. Focusing on the latest ICT innovations for data engineering, the book presents several hot research topics, including advances in big data analysis techniques and applications; mobile networks; applications and usability; reliable communication systems; advances in computer vision, artificial intelligence and soft computing; reliable health informatics and cloud computing environments, e-learning acceptance models, recent trends in knowledge management and software engineering; security issues in the cyber world; as well as society and information technology.

Theoretical Perspectives on Family Businesses Mattias Nordqvist 2015-07-31 Family business has become an increasingly studied field over the last decade and forms one of the fastest growing research areas today. The uniqueness of family business is the interaction between two systems: the family and the firm, leading to speci

ECKM 2021 22nd European Conference on Knowledge Management Dr Alexeis Garcia-Perez 2021-09-02

Russia's Border Wars and Frozen Conflicts James J. Coyle 2018-08-14 This book examines the origins and execution of Russian military and political activities in Moldova, Georgia, Ukraine, and Azerbaijan. Using a realist perspective, the author concludes that

there are substantial similarities in the four case studies: Russian support for minority separatist movements, conflict, Russian intervention as peacekeepers, Russian control over the diplomatic process to prevent resolution of the conflict, and a perpetuation of Russian presence in the area. The author places the conflicts in the context of international law and nationalism theory.

Advances in Human Factors, Sustainable Urban Planning and Infrastructure Jerzy Charytonowicz 2017-06-12 This book deals with human factors research directed towards realizing and assessing sustainability in the built environment. It reports on advanced engineering methods for sustainable infrastructure design, as well as on assessments of the efficient methods and the social, environmental, and economic impact of various designs and projects. The book covers a range of topics, including the use of recycled materials in architecture, ergonomics in buildings and public design, sustainable design for smart cities, design for the aging population, industrial design, human scale in architecture, and many more. Based on the AHFE 2017 International Conference on Human Factors, Sustainable Urban Planning and Infrastructure, held on July 17–21, 2017, in Los Angeles, California, USA, this book, by showing different perspectives on sustainability and ergonomics, represents a useful source of information for designers in general, urban engineers, architects, infrastructure professionals, practitioners, public infrastructure owners, policy makers, government engineers and planners, as well as operations managers, and academics active in applied research.

Non-State Armed Actors in the Middle East Murat Ye?ilta? 2017-07-06 This volume investigates the nature and changing roles of the non-state armed groups in the Middle East with a special focus on Kurdish, Shia and Islamic State groups. To understand the nature of transformation in the Middle Eastern geopolitical space, it provides new empirical and analytical insights into the impact of three prominent actors, namely ISIS, YPG and Shia Militias. With its distinctive detailed and multi-faceted analyses, it offers new findings on the changing contours of sovereignty, geopolitics and ideology, particularly after the Arab Uprisings. Overall this volume contributes to the study of violent geopolitics, critical security studies and international relations particularly by exploring the ideologies and strategies of the new non-state armed actors.

Knowledge Governance Nicolai J. Foss 2009 While there are many books on knowledge management, knowledge governance is a concept that has not been so well explored, and is much less understood. Knowledge governance refers to choosing structures and mechanisms that can influence the processes of sharing and creating knowledge. The book argues that knowledge governance is a distinct issue in management and organization because knowledge processes differ on several dimensions from routine and more traditional processes. The relationship between governance issues and knowledge processes is under-researched, theoretically as well as empirically. Thematically, knowledge governance cuts across fields such as general management, human resource management, the management of intellectual capital, innovation theory, strategic management, technology strategy, and international business. Not surprisingly, existing ideas are developed from the perspectives of different fields and from different underlying disciplinary foundations; however, it often remains unclear how these ideas relate together and how they differ in terms of unit of analysis, mode of analysis, underlying logic and assumptions, etc. This book is an important step towards overcoming the existing fragmentation in the field by providing a multi-disciplinary collection of chapters on knowledge governance. While the single chapters accentuate the pluralism in the field, they all examine issues that constitute the essence of knowledge governance.

Applications in Electronics Pervading Industry, Environment and Society Alessandro De Gloria 2017-06-01 This book provides a thorough overview of cutting-edge research on electronics applications relevant to industry, the environment, and society at large. It covers a broad spectrum of application domains, from automotive to space and from health to security, while devoting special attention to the use of embedded devices and sensors for imaging, communication and control. The book is based on the 2016 ApplePies Conference, held in Rome, Italy in September 2016, which brought together researchers and stakeholders to consider the most significant current trends in the field of applied electronics and to debate visions for the future. Areas addressed by the conference included information communication technology; biotechnology and biomedical imaging; space; secure, clean and efficient energy; the environment; and smart, green and integrated transport. As electronics technology continues to develop apace, constantly meeting previously unthinkable targets, further attention needs to be directed toward the electronics applications and the development of systems that facilitate human activities. This book, written by industrial and academic professionals, represents a valuable contribution in this endeavor.

Comprehensive Energy Management - Safe Adaptation, Predictive Control and Thermal Management Daniel Watzenig 2017-06-13 The book discusses the emerging topic of comprehensive energy management in electric vehicles from the viewpoint of academia and from the industrial perspective. It provides a seamless coverage of all relevant systems and control algorithms for comprehensive energy management, their integration on a multi-core system and their reliability assurance (validation and test). Relevant European projects contributing to the evolution of comprehensive energy management in fully electric vehicles are also included. This volume includes contributions on model based functional safety and fault-tolerant E/E architectures, advanced control making use of external information (from a cloud) as well and thermal management as a central part for energy optimization and finally some aspects on fuel cells. The second volume (ISBN) includes chapters on ECO driving and ECO routing covering different approaches for optimal speed profiles for a given route (mostly interconnecting with cloud data).

Techno-Societal 2016 Prashant M. Pawar 2017-06-16 This volume originates from the proceedings of a multidisciplinary conference, Techno-Societal 2016 in Maharashtra, India, that brings together faculty members of various engineering colleges to solve Indian regional relevant problems under the guidance of eminent researchers from various reputed organizations. The focus is on technologies that help develop and improve society, in particular on issues such as the betterment of differently abled people, environment impact, livelihood, rural employment, agriculture, healthcare, energy, transport, sanitation, water, education. This conference aims to help innovators to share their best practices or products developed to solve specific local problems which in turn may help the other researchers to take inspiration to solve problems in their region. On the other hand, technologies proposed by expert researchers may find applications in different regions. This back and forth process for local-global interaction will help in solving local problems by global approach and help in solving global problems by improving local conditions.

Recent Advances in Information and Communication Technology 2017 Phayung Meesad 2017-06-17 This book includes selected contributions related to big data and data networking, presented at the 13th International Conference on Computing and Information Technology (IC2IT), which was held at the Arnoma Grand Hotel Bangkok, Thailand, July 6–7, 2017. The aim of the conference was to present emerging algorithms, methods and technologies with a high degree of originality, novelty and innovation addressing the conference theme 'Mastering Data and Networking'. Section 1 and 2 discuss various aspects of data mining and corresponding applications. Section 3 focuses on speed and overhead networking optimisation problems, as well as energy problems of autonomous systems, which are becoming increasingly important. The key to addressing these problems is properly determining

critical parameters. Section 4 sheds light on natural language processing, including extraction of trends and popularity and recognition of emotions as well as classic topics such as detection and classification.

Innovation in Medicine and Healthcare 2017 Yen-Wei Chen 2017-05-19 This volume focuses on smart medical and healthcare systems (modern intelligent systems for medicine and healthcare) and includes 31 papers presenting recent trends and innovations in medicine and healthcare, including biomedical engineering research and technologies; machine learning and labeling for biomedical visual data analysis and understanding; advanced ICT for medicine and healthcare; and healthcare support systems. Innovation in medicine and healthcare is an interdisciplinary research area, which combines advanced technologies and problem-solving skills with medical and biological science, and smart medical and healthcare systems can provide efficient and accurate solution to problems faced by healthcare and medical practitioners today by using advanced information communication techniques, computational intelligence, mathematics, robotics and other advanced technologies. Discussing the techniques developed in this area, which will have a significant effect on future medicine and healthcare, the book is a valuable resource for researchers, students, engineers, and professionals working in the fields of medical systems, medical technology, and intelligent systems.

Advances in Reinforced Soil Structures Sanjay Kumar Shukla 2017-07-12 Soil reinforcement is a very useful technique to construct several cost-effective soil structures in an environmentally friendly and sustainable manner. The most commonly used reinforcement materials are galvanised steel strips, geosynthetics in the form of woven geotextiles, geogrids and geocomposites, and fibres from natural and waste products. In recent years, there have been advances in the area of soil reinforcement, especially in the utilization of the technique in field projects. The researchers have also been working to understand the behaviour of reinforced soil considering the field challenges of reinforced soil structures. This edited volume contains contributions on advances in reinforced soil structures, mainly flexible pavements, footings, embankments, stone columns/piles, and slopes, as covered in the subject areas of geosynthetic engineering and fibre-reinforced soil engineering. The first paper by Ioannis N. Markou presents the details of sand-geotextile interaction based on interface tests with conventional and large-scale direct shear equipment. The second paper by Atef Ben Othmen and Mounir Bouassida examines the interface properties of geosynthetic reinforcement by carrying out inclined plane tests under low confinement adapted to landfill covers conditions. The third paper by J.N. Jha, S.K. Shukla, A.K. Choudhary, K.S. Gill and B.P. Verma deals with the triaxial compression behaviour of soil reinforced with steel and aluminium solid plates in horizontal layers. The fourth paper by M. Muthukumar and S.K. Shukla describes the swelling and shrinkage behaviour of expansive soil blended with lime and fibres. The fifth paper by S.G. Shah, A.C. Bhogayata and S.K. Shukla provides the test results of shear strength of cohesionless soil reinforced with metalized plastic waste. The sixth paper by Bouacha Nadjet compares the geotextile-reinforced and geogrid-reinforced flexible pavements based on numerical analyses. The seventh paper by S. Kumar, C.H. Solanki, J.B. Patel, P.B. Sudevan and P.M. Chaudhary reports the results of laboratory model tests carried out on a square footing resting on prestressed geotextile reinforced sand. The eighth paper by Sanoop G and Satyajit Patel presents the numerical studies on ground improvement using geosynthetic reinforced sand layer. The ninth paper by ----- discusses the bearing capacity prediction of inclined loaded strip footing on reinforced sand by ANN. The tenth paper by Mohamad B.D. Elsaywy presents the numerical simulation of an embankment, constructed on reinforced soft soil with conventional stone piles. The eleventh paper by N.O. Sheta and R.P. Frizzi deals with the analysis, design, construction and monitoring of a geosynthetics-reinforced-earth pile-supported embankment serving as an access road. The twelfth paper by S. Banerjee, A. Adhikari, S. Chatterjee and D. Das provides the details of a case study on reinforced slope on soft soil for the approach of a major bridge. We do hope the researchers and the engineers may find the contributions in this volume very useful. This volume is part of the proceedings of the 1st GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures, Egypt 2017.

High Voltage Engineering Andreas Küchler 2017-05-16 This book is based on the leading German reference book on high voltage engineering. It includes innovative insulation concepts, new physical knowledge and new insulating materials, emerging techniques for testing, measuring and diagnosis, as well as new fields of application, such as high voltage direct current (HVDC) transmission. It provides an excellent access to high voltage engineering – for engineers, experts and scientists, as well as for students. High voltage engineering is not only a key technology for a safe, economic and sustainable electricity supply, which has become one of the most important challenges for modern society. Furthermore, a broad spectrum of industrial applications of high voltage technologies is used in most of the innovative fields of engineering and science. The book comprehensively covers the contents ranging from electrical field stresses and dielectric strengths through dielectrics, materials and technologies to typical insulation systems for AC, DC and impulse stresses. Thereby, the book provides a unique and successful combination of scientific foundations, modern technologies and practical applications, and it is clearly illustrated by many figures, examples and exercises. Therefore, it is an essential tool both for teaching at universities and for the users of high voltage technologies.

UR:BAN Human Factors in Traffic Klaus Bengler 2017-06-22 The UR:BAN MV project funded by the German Federal Ministry for Economic Affairs and Energy BMWi focused specifically on the user of future vehicle assistance and information systems. In the case of advanced driver assistance systems for urban areas, the primary emphasis is safety in combination with efficiency and comfort. Research institutes and automotive industry have investigated human-vehicle interaction and behaviour of different traffic participants. This book gives a unique and comprehensive insight into the results. Driver assistance and information systems were optimized for use in urban settings. Furthermore, innovative test regimes for controllability testing and new evaluation techniques like networked simulators and virtual reality test-beds are described including statistical methodologies.

Fundamentals of Tropical Climate Dynamics Tim Li 2017-06-28 This textbook introduces fundamental dynamics of tropical atmosphere and ocean useful for advanced graduate courses in atmospheric and climate sciences. It presents an overview of simple atmospheric and oceanic models, as well as the observed phenomena associated with major climate modes in the tropics. It provides students with an up-to-date understanding of the dynamics of tropical climate and weather phenomena. A particular focus is given to scale interactions and atmosphere-ocean interactions associated with tropical mean climate (such as ITCZ asymmetry and annual cycles), synoptic-scale variability (such as synoptic wave trains, easterly waves and tropical cyclones), intraseasonal oscillations (such as Madden-Julian Oscillation and boreal summer intraseasonal oscillation), and interannual variability (such as El Niño-Southern Oscillation and Indian Ocean Dipole). Theoretical and conceptual models are presented for better understanding of physical mechanisms behind the observational phenomena. This book aims to motivate graduate students in atmospheric sciences and oceanography by providing them with the key methods and tools necessary to conduct research.

Haptic Interaction Shoichi Hasegawa 2017-07-06 This book comprises the proceedings of the second International Conference, AsiaHaptics 2016, held in Kashiwanoha, Japan. The book treats the state of the art of the diverse haptics (touch)-related research, including scientific research of haptics perception and illusion, development of haptics devices, and applications to a wide variety of

fields such as education, medicine, telecommunication, navigation, and entertainment. This work helps not only active haptic researchers, but also general readers to understand what is going on in this interdisciplinary area of science and technology. Knowledge Management in Healthcare Lorri Zipperer 2014-04-28 Knowledge management goes beyond data and information capture in computerized health records and ordering systems; it seeks to leverage the experiences of all who interact in healthcare to enhance care delivery, teamwork, and organizational learning. Knowledge management - if envisioned thoughtfully - takes a systemic approach to implementation that includes the embodiment of a learning culture. Knowledge is then used to support that culture and the knowledge workers within it to encourage them to share what they know, thusly enabling their peers, their organizations and ultimately their patients to benefit from their experience to proactively dismantle hierarchy and encourage sharing about what works, and what doesn't to focus efforts on improvement. Knowledge Management in Healthcare draws on relevant business, clinical and health administration literature plus the analysis of discussions with a variety of clinical, administrative, leadership, patient and information experts. The result is a book that will inform thinking on knowledge access needs to mitigate potential failures, design lasting improvements and support the sharing of what is known to enable work towards attaining high reliability. It can be used as a general tool for leaders and individuals wishing to devise and implement a knowledge-sharing culture in their institution, design innovative activities supporting transparency and communication to strengthen existing programs intended to enhance knowledge sharing behaviours and contribute to high quality, safe care.

Road Vehicle Automation 4 Gereon Meyer 2017-06-28 This book is the fourth volume of the sub series of the Lecture Notes in Mobility dedicated to Road Vehicle Automation. Its chapters have been written by researchers, engineers and analysts from all around the globe. Topics covered include public sector activities, human factors and challenges, ethical, legal, energy and technology perspectives, vehicle systems development, as well as transportation infrastructure and planning. The book is based on the Automated Vehicles Symposium which took place in San Francisco, California (USA) in July 2016.

Detox Fashion Subramanian Senthilkannan Muthu 2017-05-16 This third volume on detox fashion highlights sustainable wastewater treatment methods, as well as techniques used by and the adoption of detox strategies by different brands in the textile sector. These aspects are addressed in three central chapters: Sustainable Wastewater Treatment Technologies; Review of the Utilization of Plant-based Natural Coagulants as Alternatives to Textile Wastewater Treatment; and New Waste Management through Collaborative Business Models for Sustainable Innovation.

Facing the Challenges in Structural Engineering Hugo Rodrigues 2017-07-11 This edited volume brings together findings and case studies on fundamental and applied aspects of structural engineering, applied to buildings, bridges and infrastructures in general. It focuses on the application of advanced experimental and numerical techniques and new technologies to the built environment. This volume is part of the proceedings of the 1st GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures, Egypt 2017.

Detox Fashion Subramanian Senthilkannan Muthu 2017-06-08 This fourth volume on detox fashion focuses on case studies, which are essential to showcase how practical applications have been accomplished, and provide an opportunity for others to (learn about and) adopt the best practices, challenges and practical implications. The book consists of three core chapters: Detoxifying the Supply Chain: Slow Production Networks in South-East European Garment Factories; Detoxifying the Luxury and Fashion Industry: The Case of Market-driving Brands; and Detox My Fashion under Mission 2020—Case Studies from Different Brands.

Dietary Guidelines for Americans, 2005 United States. Department of Health and Human Services 2005 Provides science-based advice to promote health and to reduce risk for major chronic diseases through diet and physical activity. Oriented toward policymakers, nutrition educators, nutritionists, and healthcare providers. Summarizes and synthesizes knowledge regarding individual nutrients and food components into recommendations for a pattern of eating that can be adopted by the public. Key Recommendations are grouped under nine inter-related focus areas. Agriculture Dept. (U.S.) Publication: Home and Garden Bulletin No. 232 Health and Human Services Dept. (U.S.) Publication No. HHS-ODPHP-2005-01-DGA-A

Using Simulation Tools to Model Renewable Resources Janya Chanchaichujit 2017-06-27 This book provides a detailed study of the Thai rubber industry and its utilisation of renewable resources, focussing on the use of open source software in building supply chain models. By describing elements that the supply chain is composed of and relating this to Thailand's rubber industry, the authors then outline the construction of a Discrete Event Simulation (DES) model and use open source software to model renewable resources in this particular supply chain. Emphasis is placed on the way that modelling can aid the important decision-making required in the exploitation of natural resources. By taking a hands-on approach and offering a valuable guide for readers, this book not only appeals to academics in the fields of industrial engineering, operations, logistics and supply chain management, but also to practitioners, policy-makers and associations involved in the rubber industry.

Dynamics of Mechanical Systems with Non-Ideal Excitation Livija Cveticanin 2017-07-01 In this book the dynamics of the non-ideal oscillatory system, in which the excitation is influenced by the response of the oscillator, is presented. Linear and nonlinear oscillators with one or more degrees of freedom interacting with one or more energy sources are treated. This concerns for example oscillating systems excited by a deformed elastic connection, systems excited by an unbalanced rotating mass, systems of parametrically excited oscillator and an energy source, frictionally self-excited oscillator and an energy source, energy harvesting system, portal frame – non-ideal source system, non-ideal rotor system, planar mechanism – non-ideal source interaction. For the systems the regular and irregular motions are tested. The effect of self-synchronization, chaos and methods for suppressing chaos in non-ideal systems are considered. In the book various types of motion control are suggested. The most important property of the non-ideal system connected with the jump-like transition from a resonant state to a non-resonant one is discussed. The so called 'Sommerfeld effect', resonant unstable state and jumping of the system into a new stable state of motion above the resonant region is explained. A mathematical model of the system is solved analytically and numerically. Approximate analytical solving procedures are developed. Besides, simulation of the motion of the non-ideal system is presented. The obtained results are compared with those for the ideal case. A significant difference is evident. The book aims to present the established results and to expand the literature in non-ideal vibrating systems. A further intention of the book is to give predictions of the effects for a system where the interaction between an oscillator and the energy source exist. The book is targeted at engineers and technicians dealing with the problem of source-machine system, but is also written for PhD students and researchers interested in non-linear and non-ideal problems.

Gain-Cell Embedded DRAMs for Low-Power VLSI Systems-on-Chip Pascal Meinerzhagen 2017-07-06 This book pioneers the field of gain-cell embedded DRAM (GC-eDRAM) design for low-power VLSI systems-on-chip (SoCs). Novel GC-eDRAMs are specifically designed and optimized for a range of low-power VLSI SoCs, ranging from ultra-low power to power-aware high-performance

applications. After a detailed review of prior-art GC-eDRAMs, an analytical retention time distribution model is introduced and validated by silicon measurements, which is key for low-power GC-eDRAM design. The book then investigates supply voltage scaling and near-threshold voltage (NTV) operation of a conventional gain cell (GC), before presenting novel GC circuit and assist techniques for NTV operation, including a 3-transistor full transmission-gate write port, reverse body biasing (RBB), and a replica technique for optimum refresh timing. Next, conventional GC bitcells are evaluated under aggressive technology and voltage scaling (down to the subthreshold domain), before novel bitcells for aggressively scaled CMOS nodes and soft-error tolerance are presented, including a 4-transistor GC with partial internal feedback and a 4-transistor GC with built-in redundancy.

Sustainability in Innovation and Entrepreneurship Antonio Leal-Millan 2017-08-01 This book provides a richly illustrated study of sustainability, innovation and entrepreneurship. Specifically, it examines the ways in which governmental policies and practices modify the social conditions necessary to promote innovation in businesses and by so doing impact economic development. Exploring topics such as green innovation, green customer capital, smart cities, green entrepreneurship and environmental responsibility, this book presents some of the most current research and best practices in the field. In today's global economy, strategies, policies and practices that address the negative effects of human activity on the environment need to be incorporated into the business framework in order for companies to achieve a sustainable competitive advantage. Around the world, such changes have already resulted in a broad range of products, production methods and technical features that ensure environmental protection. At the same time, the mass media's communication of a deteriorating earth have motivated a growing number of citizens in both developed and developing nations to modify their consumption habits towards more ecological products. Consequently, an increasing number of companies are reacting to these changes in business and legal frameworks and consumer preferences by investing in new forms of green innovation or "eco-innovation" designed to promote both environmental and corporate sustainability. For example, Hewlett-Packard eliminated lead from its welding process; Wal-Mart reduced the emissions of their suppliers; and Cisco, Dell and IBM are investing in smart grids. This volume showcases pioneering efforts among companies, citizens, and government agencies that are moving from theory to practice by placing sustainability at the core of their development strategies.

Health Promotion Throughout the Life Span - E-Book Carole Lium Edelman 2021-10-20 Master health promotion for all ages and population groups! Health Promotion Throughout the Life Span, 10th Edition provides comprehensive coverage of leading health promotion concepts from assessment to interventions to application. Its lifespan approach addresses patients' unique needs with case studies and care plans presented within an assessment framework based on Gordon's Functional Health Patterns. Addressing each age and stage of development, this market-leading text covers the latest research and trends in health promotion and disease prevention for diverse population groups. Coverage of growth and development addresses health promotion concepts for each age and each stage of development through the lifespan. Case studies present realistic situations with questions that challenge you to apply key concepts to further develop clinical judgment. Think About It clinical scenarios at the beginning of each chapter include questions to encourage clinical judgment. Research for Evidence-Based Practice boxes summarize current health-promotion studies showing the links between research, theory, and practice. Hot Topics boxes introduce significant issues, trends, and controversies in health promotion. Separate chapters on population groups — the individual, family, and community — highlight the unique aspects of assessment and health promotion for each group. Quality and Safety Scenario boxes focus on QSEN-related competencies with examples of health promotion. Innovative Practice boxes outline unique and creative health promotion programs and projects currently being implemented. Health and Social Determinants/Health Equity boxes address cultural perspectives relating to planning care. NEW! Greater emphasis on health equity highlights the need to make health promotion accessible to all. NEW! Increased focus on diversity and inclusion better reflects the communities being served. NEW! Veteran's health content is incorporated throughout, as appropriate. NEW! Discussions of Healthy People 2030 initiatives and objectives address national health issues and priorities. NEW! Updated diagnosis terminology includes ICNP diagnoses or patient problems. NEW! Affordable Care Act references are more general to reflect changing politics.

Context-Aware Communication and Computing: Applications for Smart Environment Punnarumol Temdee 2017-06-29 This book introduces context-aware computing, providing definitions, categories, characteristics, and context awareness itself and discussing its applications with a particular focus on smart learning environments. It also examines the elements of a context-aware system, including acquisition, modelling, reasoning, and distribution of context. It also reviews applications of context-aware computing – both past and present – to offer readers the knowledge needed to critically analyse how context awareness can be put to use. It is particularly to those new to the subject area who are interested in learning how to develop context-aware computing-oriented applications, as well as postgraduates and researchers in computer engineering, communications engineering related areas of information technology (IT). Further it provides practical know-how for professionals working in IT support and technology, consultants and business decision-makers and those working in the medical, human, and social sciences.

Smart Education and e-Learning 2017 Vladimir L. Uskov 2017-05-25 This book gathers the contributions presented at the 4th International KES Conference on Smart Education and Smart e-Learning (KES-SEEL-17), which took place in Vilamoura, Algarve, Portugal, June 21–23, 2017. Smart education and smart e-Learning are emerging and rapidly growing areas. They represent the innovative integration of smart systems, technologies and objects, smart environments, smart pedagogy, smart learning and academic analytics, various branches of computer science and computer engineering, and state-of-the-art smart educational software and/or hardware systems. It contains a total of 48 peer-reviewed book chapters that are grouped into several parts: Part 1 – Smart Pedagogy, Part 2 – Smart e-Learning, Part 3 – Systems and Technologies for Smart Education, Part 4 – Smart Teaching, and Part 5 – Smart Education: National Initiatives and Approaches. The book offers a valuable source of research data, information on best practices, and case studies for educators, researchers, Ph.D. students, administrators, and practitioners—and all those who are interested in innovative areas of smart education and smart e-Learning.

Education Law, Strategic Policy and Sustainable Development in Africa A.C Onuora-Oguno 2017-07-06 This book outlines the findings and suggestions of the Law and Society Association's International Research Collaborations, which focused on the African Union's Agenda 2063. This outlined the ideal Africa aspired to by the year 2063: 'the Africa we want'. The authors examine socio-economic rights issues and their impact on developing a strong educational agenda that can drive Africa to realize Agenda 2063. As Africa's development has remained slow in the face of many challenges, the need to embrace good governance, rule of law and human rights obligations are major tools to realize the continent's potential. The project focuses in particular on the central place of education law and policy in achieving the goals of Agenda 2063.

Terrorism, Tourism and the End of Hospitality in the 'West' Maximiliano E. Korstanje 2017-06-30 This book explores how the contemporary threat of terrorism is eroding the concept of hospitality in the West. Going beyond the immediate effects of terrorism

that are daily portrayed in the media and have shaped the foreign policy agenda of politicians in Europe and the US, this study explores the conceptual framework of how terrorism emerged and expanded within the West and shows how it interacts with, and targets, leisure consumerism and the international hospitality industry.

Ethnography in Social Science Practice Julie Scott-Jones 2010-04-19 Ethnography in Social Science Practice explores ethnography's increasing use across the social sciences, beyond its traditional bases in social anthropology and sociology. It explores the disciplinary roots of ethnographic research within social anthropology, and contextualizes it within both field and disciplinary settings. The book is of two parts: Part one places ethnography as a methodology in its historical, ethical and disciplinary context, and also discusses the increasing popularity of ethnography across the social sciences. Part two explores the stages of ethnographic research via a selection of multidisciplinary case studies. A number of key questions are explored: What exactly is ethnographic research and what makes it different from other qualitative approaches? Why did ethnography emerge within one social science discipline and not others? Why did its adoption across the social sciences prove problematic? What are the methodological advantages and disadvantages of doing ethnographic research? Why are ethnographers so concerned by issues of ethics, politics, representation and power? What does ethnography look like within different social science disciplines? The book is aimed at social science students at both undergraduate and postgraduate level and each chapter has pedagogic features, including reflective activities and suggested further readings for students.

Smart Universities Vladimir L. Uskov 2017-05-18 This book presents peer-reviewed contributions on smart universities by various international research, design and development teams. Smart university is an emerging and rapidly evolving area that creatively integrates innovative concepts; smart software and hardware systems; smart classrooms with state-of-the-art technologies and technical platforms; smart pedagogy based on modern teaching and learning strategies; smart learning and academic analytics; as well as various branches of computer science and computer engineering. The contributions are grouped into several parts: Part 1—Smart Universities: Literature Review and Creative Analysis, Part 2—Smart Universities: Concepts, Systems and Technologies, Part 3—Smart Education: Approaches and Best Practices, and Part 4—Smart Universities: Smart Long Life Learning. The book is a valuable source of research data and findings, design and development outcomes, and best practices for faculty, scholars, Ph.D students, administrators, practitioners and anyone interested in the rapidly growing areas of smart university and smart education.