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IB3G8H - YULIANA RODRIGO

Sustainable Construction Technologies: Life-Cycle Assessment provides practitioners with a tool to help them select technologies that are financially advantageous even though they have a higher initial cost. Chapters provide an overview of LCA and how it can be used in conjunction with other indicators to manage construction. Topics covered include indoor environment quality, energy efficiency, transport, water reuse, materials, land use and ecology, and more. The book presents a valuable tool for construction professionals and researchers that want to apply sustainable construction techniques to their projects. Practitioners will find the international case studies and discussions of worldwide regulation and standards particularly useful. Provides a framework for analyzing sustainable construction technologies and economic viability Introduces key credit criteria for different sustainable construction technologies Covers the most relevant construction areas Includes technologies that can be employed during the process of construction, or to the product of the construction process, i.e. buildings Analyzes international rating systems and provides supporting case studies

This book discusses the development of the next generation learning spaces with emerging technologies. These spaces result from the combined needs of classroom stakeholders, such as instructors and learners, with classroom elements, such as tools and technologies, pedagogy and content. The book presents discussions and studies on issues, possibilities and implications of these changes for next generation education. Novel ideas, and studies on these all-encompassing, blended roles of technologies in next generation learning spaces are clearly presented. Suggestions on how the benefits they offer can be maximized are also discussed. Engaging learning technologies have remained central in educa-

tion for assisting instructors to teach and learners to learn, more effectively. However, recent technological growth is creating a system in which previous divides between key classroom concepts and stakeholders are getting progressively blurred. This is giving rise to next generation learning spaces where elements and stakeholders are blended into one. The book addresses the future of learning environments based on these perspectives.

This book presents the fundamentals of strengthening and retrofitting approaches, solutions and technologies for existing structures. It addresses in detail specific techniques for the strengthening of traditional constructions, reinforced concrete buildings, bridges and their foundations. Finally, it discusses issues related to standards and economic decision support tools for retrofitting.

"Offers comprehensive, authoritative coverage of the chemistry, technology, and engineering of asphaltic products for paving, road construction, roofing, coatings, adhesives, and batteries. Analyzes microcracking and elucidates the mechanisms of degradation to aid the development of hot melt asphalt and increase longevity."

This book includes original, peer-reviewed research from the 3rd International Conference on Emerging Trends in Electrical, Communication and Information Technologies (ICECIT 2018), held at Srinivasa Ramanujan Institute of Technology, Ananthapuramu, Andhra Pradesh, India in December 2018. It covers the latest research trends and developments in the areas of Electrical Engineering, Electronic and Communication Engineering, and Computer Science and Information.

What if we could resolve the exhausting struggle between work, family, and spiritual life? What if we recognized a deep connection between faith and business? What if biblical values weren't road-blocks but actually the source of successful business? What if the

real goal of business were more noble than maximizing profit? What if we could see our everyday work as having spiritual value? What if we could approach it as ministry? What if it were our calling, a calling as high as that of a pastor or missionary? What if God cared deeply about our work and wanted to be involved? And what if we could even partner with him in our business? Many of us believe the key to resolving the tension between work and faith lies in a more balanced life. Pursuing balance is important, Eldred explains, but that noble effort still leaves us with compartmentalized lives. We still sense that all those prime hours of our day have little or no spiritual significance. Integration is the key to changing that mindset and thus "redeeming" the vast majority of our time, the hours devoted to work. When our work is a holy calling and a ministry, it's loaded with spiritual significance. All that time we spend at work has spiritual value. So while balance alone might redeem some hours, integration can redeem far more! Ken Eldred reveals how to find a deep integration between our work and faith such that all areas of our lives further God's kingdom, glorify him, and fulfill our life mission. As we integrate our lives, he explains, we can experience the abundant life that Jesus offers us. The author takes on pervasive misconceptions stemming both from business and from church. He debunks these misguided beliefs and attitudes that hold us back and reveals a transformational new paradigm for purpose-driven work. Eldred explains that we have a threefold ministry in our work life: pointing those around us to God (a ministry at work), serving and creating via the work itself (a ministry of work), and redeeming the practices, policies, and structures of institutions (a ministry to work). That's a pretty lofty charge for those of us in the marketplace! This book offers a powerful picture of the integrated life in which our faith impacts every sphere, including our work in the marketplace. Drawing on his own experience and the example of others,

Eldred lays out practical applications that lead to abundant living through a far deeper connection between work and faith.

Ecology of Fire-Dependent Ecosystems is brimming with intriguing ecological stories of how life has evolved with and diversified within the varied fire regimes that are experienced on earth. Moreover, the book places itself as a communication between students, fire scientists, and fire fighters, and each of these groups will find some familiar ground, and some challenging aspects in this text: something which ultimately will help to bring us closer together and enrich our different approaches to understanding and managing our changing planet. -- Sally Archibald, Professor, University of the Witwatersrand, Johannesburg, South Africa Most textbooks are as dry as kindling and about as much fun to sink your teeth into. This is not that kind of textbook. Devan Allen McGranahan and Carissa L. Wonkka have taken a complex topic and somehow managed to synthesize it into a comprehensive, yet digestible form. This is a book you can read cover to cover – I know, I did it. As a result, I took an enlightening journey through the history and fundamentals of fire and its role in the natural and human world, ending with a thoughtful review of the evolving relationship between humans and wildland fire. -- Chris Helzer, Nebraska Director of Science, The Nature Conservancy, and author of The Prairie Ecologist blog Ecology of Fire-Dependent Ecosystems: Wildland Fire Science, Policy, and Management is intended for use in upper-level courses in fire ecology and wildland fire management and as a reference for researchers, managers, and other professionals involved with wildland fire science, practice, and policy. The book helps guide students and scientists to design and conduct robust wildland fire research projects and critically interpret and apply fire science in any management, education, or policy situation. It emphasizes variability in wildland fire as an ecological regime and provides tools for students, researchers, and managers to assess and connect fire environment and fire behaviour to fire effects. Fire has not only shaped social and ecological communities but pushed ecosystems beyond previous boundaries, yet understanding the nature and effects of fire as an ecological disturbance has been slow, hampered by the complexity of the dynamic interactions between vegetation and climate and the fear of the destruction fire can bring. This book will help those who study, manage, and use wildland fire to develop new answers and novel solutions, based on an understanding of how fire func-

tions in natural and social environments. It reviews literature, synthesizes concepts, and identifies research gaps and policy needs. The text also explores the interaction of fire and human culture, demonstrating how fire policy can be made adaptable to cultural and socio-ecological objectives.

This book includes recent research works on how business around the world affected by the time of COVID-19 pandemic. The impact of recent technological developments has had a tremendous impact on how we manage disasters. These developments have changed how countries and governments collect information. The COVID-19 pandemic has forced online service companies to maintain and build relationships with consumers when their world turns. Businesses are now facing tension between generating sales during a period of severe economic hardship and respect for threats to life and livelihoods that have changed consumer preferences.

This book constitutes the thoroughly refereed proceedings of the Third International Conference on Big Data, Cloud and Applications, BDCA 2018, held in Kenitra, Morocco, in April 2018. The 45 revised full papers presented in this book were carefully selected from 99 submissions with a thorough double-blind review process. They focus on the following topics: big data, cloud computing, machine learning, deep learning, data analysis, neural networks, information system and social media, image processing and applications, and natural language processing.

Winner of the Morris D. Forkasch prize for the best book in British history 2002 Civilising Subjects argues that the empire was at the heart of nineteenth-century Englishness. English men and women in the mid-nineteenth century imagined themselves at the centre of a great empire: their mental and emotional maps encompassed 'Aborigines' in Australia, 'negroes' in Jamaica, 'coolies' in the Indies. This sense of the other provided boundaries and markers of difference: ways of knowing who was 'civilised' and who was 'savage'. This fascinating book tells intertwined stories of a particular group of Englishmen and women who constructed themselves as colonisers. Hall then uses these studies as a means of exploring wider colonial and cultural issues. One story focuses on the Baptist missionaries in Jamaica and their efforts to build a new society in the wake of emancipation. Their hope was to make Afro-Jamaican men and women into people like themselves. Disillusionment followed as it emerged that the making of 'new selves' was not as

simple as they had thought, and that black men and women had minds and cultural resources of their own. The second story tells the tale of 'the midland metropolis', Birmingham, and the ways in which its culture was infused with empire. Abolitionist enthusiasm dominated the town in the 1830s but by the 1860s the identity of 'friend of the negro' had been superseded by a harsher racial vocabulary. Birmingham's 'manly citizens' imagined the non-white subjects of empire as different kinds of men from themselves. These two detailed studies, of Birmingham and Jamaica, are set within their wider context: the making of metropole and colony and of coloniser and colonised. The result is an absorbing study of the 'racing' of Englishness, which will be invaluable for students and scholars of British imperial and cultural history.

This book is designed to assist those responsible for planning, implementing and supporting rural water supply programmes to increase sustainability.

Energy Transformation towards Sustainability explores how researchers, businesses and policymakers can explore and usefully improve energy systems and energy consumption behavior, both to reflect the reality of climate change and related environmental degradation and to adapt to the expanding periphery of renewable energy technologies. It introduces the reader to a suite of potential policy pathways to the necessary transformation in societal energy consumption, usage and behavior. Solutions discussed include energy efficiency, energy security, the role of political leadership, green public policy, and the transition to renewable energy sources. International contributions address the range and depth of current research from a position of advocacy for 'energy stewardship' as the driver of this transformation. Case studies illustrate the range of various countries to diminish energy use. Finally, policy avenues are covered in depth. Reviews the interrelationship between economic growth, energy consumption and climate change Uses a wide variety of case studies to support practical implementation across national energy systems Highlights a wide spectrum of urgent issues, including threats related to energy use and secure and sustainable development Contains contributions that reflect a breadth and depth of scholarship from international backgrounds

This textbook provides a comprehensive overview of different methods and sources of information-gathering for peace and conflict students and researchers, as well as the challenges pre-

sented by such work. Research on conflict-ridden societies carries special challenges for the collection and evaluation of information about the conflict and its actors. First, due to the nature of information emerging, incentives to misrepresent and propaganda is common. News coverage is sometimes poor and reporting is often incomplete, selective and biased. Second, the sensitivity of the topic and the questions posed in peace and conflict research means that access to and the security of informants can be a problem. Peace and conflict research as a discipline encompasses a number of different approaches for obtaining empirical information which serve as a basis for analyzing various research topics. This book provides a comprehensive overview of different methods and sources of information-gathering for students and researchers, as well as the challenges presented by such work. It offers: tools for evaluating sources and information suggestions on where different types of information can be found advice on using different types of sources, including news reports and written narratives practical guidelines for constructing large-scale datasets insights and guidelines for comparative fieldwork, in-depth interviews, focus groups, and surveys reflection and discussion on important ethical concerns in peace research This book will be of much interest for students and researchers of peace and conflict studies, conflict resolution, war and conflict studies, development studies, security studies and IR, as well as for NGO workers/researchers. Kristine Höglund is Associate Professor at the Department of Peace and Conflict Research, Uppsala University. She has a PhD in Peace and Conflict Research from Uppsala University Sweden (2004). She is author of *Peacemaking in the Shadow of Violence*. Magnus Öberg is Associate Professor at the Department of Peace and Conflict Research, Uppsala University, and Associate Editor of the *Journal of Peace Research* (since 2006). He has a PhD in Peace and Conflict Research from Uppsala University (2003) and is co-editor of *Resources, Governance, and Civil Conflict* (Routledge, 2008).

Optimized operating conditions for complex systems can be attained by using advanced combinations of numerical and statistical methodologies. One of the most efficient and straightforward solutions relies on the application of statistical methods with an emphasis on the design of experiments (DoEs). Throughout the book, the design and analysis of experiments are conducted involving several approaches, namely, Taguchi, response surface

methods, statistical correlations, or even fractional factorial and model-based evolutionary operation designs. This book not only presents a theoretical overview about the different approaches but also contains material that covers the use of the experimental analysis applied to several chemical processes. Some chapters highlight the use of software products to assist experimenters in both the design and analysis stages. It helps graduate students, teachers, researchers, and other professionals who are interested in chemical process optimization and also provides a good basis of theoretical knowledge and valuable insights into the technical details of these tools as well as explains common pitfalls to avoid. The world's leading pharmaceutical companies and local governments are trying to achieve their eradication.

Introduction to Industrial Minerals introduces the reader to the subject of the new mineral raw materials that our society demands. It emphasizes the way in which, in order to satisfy the consumer, the requirements of industry control mineral exploitation, and the way fundamental mineral properties are exploited for particular applications. It describes aggregates, industrial clays and raw materials for the chemical industry. The need for high temperature processing is addressed with a chapter on interpretation and use of mineralogical phase diagrams and time-temperature-transformation diagrams. These are then applied in separate chapters on the manufacture of glass, cement, brick clays and refractories. Evaluation of geological reserves is described in the context of computer modelling of deposit quality, and the final chapter considers the use of a site after extraction, emphasizing the requirements for waste disposal.

Accessible, flexible, and affordable, *The World of Philosophy: An Introductory Reader, Second Edition*, presents philosophy in all its diverse array of thought and practice, offering standard Western historical and analytic materials alongside writings from Chinese, Indian, Native-American, African American, continental, and other sources. Approximately 25% of the contemporary readings are by women, including leading feminist theorists. Many articles have been edited to sharpen their focus and make them understandable to students with little or no background in philosophy. The readings are enhanced by introductions, study questions, and a glossary at the end of the book. Featuring not only essential readings from the Western canon but also selections on compelling topics like Hindu and Buddhist conceptions of the self, Confucian

and Buddhist morality, world hunger, animal rights, sexism, and racism, *The World of Philosophy, Second Edition*, offers students a distinctive blend of traditional and non-traditional perspectives.

Enterprise Resource Planning (ERP) implementations can be costly for any company. While there are advantages to size and funding in larger businesses (500+ employees), there are critical success factors of the ERP process that small- to mid-size manufacturing (or other types of business organizations) can use to increase their rate of success for ERP. This must-buy book outlines research that targeted specific factors that increase any ERP implementation's success. Critical success factors were identified, and ranked, by 50+ subject matter expert consultants in the ERP field in this study. These SMEs, all with more than five years of experience in implementing ERPs for manufacturers, provided a consensus for best-practices factors vital for consideration for the ERP implementation, before, during, and after the exercise. Critical factors (failure and success) are highlighted for the planning, process, and follow-up, with positive internal and external results from the executive (top-down) buy-in to the communications and transparency of the process to middle management and line employee stakeholders. The vital points in the conclusion offer guidance to organizations, as well as ERP consultants, that are considering ERP implementation, even if the entity is not in the manufacturing industry. If you or your company is seriously considering an ERP project, this book is a required reading for industry intelligence and analytic insight. Proceeds from this book will benefit The Sydney Goldston Scholarship Foundation to make the dreams for future leaders a reality. More information about the foundation can be found at: www.thesydneyfoundation.org

The environment is an all-encompassing component of the ecosystem of "Blue planet - the earth", made up of the hydrosphere, atmosphere and lithosphere. These three spheres have biotic and abiotic components which exhibit ecological homeostasis that provides the most appropriate survival chances for the members of biotic component and geochemical balance with abiotic components. This ecosystem is subjected to relatively harsh conditions, mostly created by the disastrous activities due to natural calamities and intentional and/or accidental anthropogenic activities. Biotechnology has become a potential tool to dissipate such environmental impacts because of the advancement it has undergone recently. *Emerging Trends in Environmental Biotechnology* is an

outstanding collection of current research that integrates basic and advanced concepts of biotechnology such as genomics, proteomics, bioinformatics, sequencing, and imaging processes to improve and protect the environment. This book is particularly attractive for scientists, researchers, students, educators and professionals in environmental science, agriculture, veterinary and biotechnology science. The book will enable them to solve the problems about sustainable development with the help of current innovative biotechnologies such as recombinant DNA technology and genetic engineering which have tremendous potential for impacting global food security, environmental health, human and animal health and overall livelihood of mankind. Features Presents easy-to-read chapters Information is presented in a very accessible and logical format Identifies and explores biotechnological approaches for environmental protection Encompasses biodegradation of hazardous contaminants, biotechnology in waste management, nanotechnology, and issues in environmental biotechnology research

This book presents selected papers from the Fifteenth International Conference on Dependability of Computer Systems (DepCoS-RELCOMEX), which illustrate the diversity of theoretical problems in analysis of performability, reliability and security of contemporary computer systems. Covering also methodologies and practical tools involved in this field, it is a valuable reference resource for scientists, researchers, practitioners and students who are dealing with these subjects. Established in 2006, DepCoS-RELCOMEX is an annual conference series organised by Wrocław University of Science and Technology. It focuses on the dependability and performability of contemporary computer systems – topics that can provide solutions to new challenges in evaluation of their reliability and efficiency. Since they are probably the most complex technical systems ever engineered by humans, the organization of modern computer systems cannot be modelled and analysed solely as structures (however complex and distributed) built only on the basis of technical resources. Instead they should be considered as a unique blend of interacting people (their needs and behaviours), networks (together with mobile properties, iCloud organisation, Internet of Everything) and a large number of users dispersed geographically and producing an unimaginable number of applications. This new, interdisciplinary approach is developing a continually increasing range of methods

which apply also the latest findings in artificial intelligence (AI) and computational intelligence (CI).

This book features selected papers presented at the 3rd International Conference on Recent Innovations in Computing (ICRIC 2020), held on 20–21 March 2020 at the Central University of Jammu, India, and organized by the university's Department of Computer Science & Information Technology. It includes the latest research in the areas of software engineering, cloud computing, computer networks and Internet technologies, artificial intelligence, information security, database and distributed computing, and digital India.

The COVID-19 pandemic has been a very strong reminder that the future economic development of any country is more than ever influenced by its ability to ramp-up digital competitiveness. Consequently, enterprises were pushed to assess and develop the possibilities offered by e-commerce and online marketing tools. In this book, experts outline the prerequisites for such online marketing competitiveness and compare the current level of digital marketing competitiveness in Europe by using publicly available macro and micro-level data. The authors present their analyses and recommendations including interviews with over 125 online marketers and e-commerce specialists and present the lessons from digitalization of over 600 SMEs.

For years, technology has been the impetus for progress in various processes, systems, and businesses; it shows no sign of ceasing further development. The application of technology-driven processes in promotionally-oriented environments has become more and more common in today's business world. Computer-Mediated Marketing Strategies: Social Media and Online Brand Communities brings together marketing approaches and the application of current technology, such as social networking arenas, to show how this interaction creates a successful competitive advantage. Focusing on qualitative research, various technological tools, and diverse Internet environments, this book is a necessary reference source for academics, management practitioners, students, and professionals interested in the application of technology in promotionally-oriented processes.

"Research Methods for Health and Social Care is a one-stop introduction to the most commonly used research techniques. Including qualitative, quantitative and desk-based designs, it provides a practical method-by-method guide for those undertaking research

projects in this field." "A comprehensive and thorough analysis, Research Methods for Health and Social Care is a core text for all students of research within the health, social work, social care and nursing disciplines."--BOOK JACKET.

In the traditional view of project management, if a project manager completed a project and had adhered to the triple constraints of time, cost, and performance, the project was considered a success. Today, in the eyes of the customer and the parent or sponsoring company, if a completed project did not deliver its anticipated value, it would be seen as a failure. Today's changing economic climate, marked by an increasingly competitive global environment, is driving project managers to become more business oriented. Projects must now be viewed from a strategic perspective within the context of a business or enterprise that needs to provide value to both the customer and the organization itself. As a result, project managers are now required to possess the skills to complete a project within certain specifications, and also know how to create and deliver value. Responding to the needs of today's project managers, Value-Driven Project Management begins by changing the paradigm of project management. Rather than judge the success of a project from the perspectives of time, budget, and quality, the authors demonstrate why success is only achieved when planned business values are met, including: Internal value Financial value Future value Customer-related value The authors also offer best practices that allow you and your organization to create additional value in efficiency, customer satisfaction, and enhanced products and services. Finally, the book helps you incorporate value into clearly defined business objectives and "sell" the value-driven process to executives. Throughout the book, helpful illustrations clarify complex concepts and processes. Assigning valuable resources to projects that don't provide some tangible form of value to the organization and to the client is poor management and poor decision-making. On the other hand, selecting and implementing projects that will deliver value and an acceptable return on investment is effective management and decision-making, but is very challenging, especially when a project may not provide its target value for years to come. With Value-Driven Project Management in hand, you'll discover the tools you need to ensure that projects deliver true value upon their completion.

This multi-author contributed proceedings volume contains recent

advances in several areas of Computational and Applied Mathematics. Each review is written by well known leaders of Computational and Applied Mathematics. The book gives a comprehensive account of a variety of topics including - Efficient Global Methods for the Numerical Solution of Nonlinear Systems of Two point Boundary Value Problems; Advances on collocation based numerical methods for Ordinary Differential Equations and Volterra Integral Equations; Basic Methods for Computing Special Functions, Melt Spinning: Optimal Control and Stability Issues; Brief survey on the CP methods for the Schrödinger equation; Symplectic Partitioned Runge-Kutta methods for the numerical integration of periodic and oscillatory problems. Recent Advances in Computational and Applied Mathematics is aimed at advanced undergraduates and researchers who are working in these fast moving fields.

Starting a business might sound easy, but sustaining it to be successful is challenging. People are often afraid to start new businesses because at least everyone has known someone who started a business but failed or someone struggling to sustain a business. Starting your own business and staying successful is the most exciting achievement. This book *Strategies to Sustain Small Businesses Beyond 5 Years* is used worldwide to help aspiring or struggling business owners succeed. The book is for anyone interested in doing business. aEURC/ You might be a passionate creator, starting your business out of love for what you do and believing that passion is a crucial quality of success; running your business gives you a sense of accomplishment and pride. aEURC/ You might be a freedom seeker, starting your small business; you value the ability to control your work experience and want to be in charge of your own schedules, career path, and work environment. aEURC/ You might be a legacy builder, starting a business to bring something new to the marketplace, practical in your approach to business ownership. aEURC/ You might be a struggling survivor profile representing the cold, hard truth of business ownership. aEURC/ You might be a Jack of all trades in your business, spreading too thin from managing directive, sales administrative duties to customer service. This book is the path to success in your business. Sometimes running a small business is more frightening than rewarding, and the fear is real, deeply rooted in you facing the challenges of ownership every day. The motivation of a small business owner is as diverse as the business itself. ItaEUR(t-m)s very important to understand your category to know your

strengths and weaknesses to adjust accordingly.

Self-acceptance is recognized in diverse schools of Christian and Eastern theology as well as in various schools of counseling and psychotherapy (e.g., Humanistic, Rational-Emotive Behavior Therapy, Cognitive Behavior Therapy, Acceptance Commitment Therapy) as a major contributor to mental health, life satisfaction and wellness. A review of the professional literature reveals there is no text that spells out how different theologies, theories of personality and approaches to counseling and therapy conceptualize self-acceptance and how this concept is interrelated to other aspects and constructs of spirituality and psychological functioning (e.g., flexibility, mindfulness). Additionally, the field of positive psychology, which studies the character strengths and virtues that help individuals to experience well-being and to flourish, has largely ignored the concept of self-acceptance.

The spread of mobile communication, most obtrusively as cell phones but increasingly in other wireless devices, is affecting people's lives and relationships to a previously unthought-of extent. Mobile phones, which are fast becoming ubiquitous, affect either directly or indirectly every aspect of our personal and professional lives. They have transformed social practices and changed the way we do business, yet surprisingly little serious academic work has been done on them. This 2002 book, with contributions from the foremost researchers in the field, studies the impact of the mobile phone on contemporary society from a social scientific perspective. Providing a comprehensive overview of mobile phones and social interaction, it comprises an introduction covering the key issues, a series of unique national studies and a final section examining specific issues.

An in-depth guide to each of the multiple approaches available for coding qualitative data. In total, 32 different approaches to coding are covered, ranging in complexity from beginner to advanced level and covering the full range of types of qualitative data from interview transcripts to field notes.

This book comprises select peer-reviewed papers presented at the International Conference on Advanced Engineering Optimization Through Intelligent Techniques (AEOTIT) 2018. The book combines contributions from academics and industry professionals, and covers advanced optimization techniques across all major engineering disciplines like mechanical, manufacturing, civil, automobile, electrical, chemical, computer and electronics engineer-

ing. Different optimization techniques and algorithms such as genetic algorithm (GA), differential evolution (DE), simulated annealing (SA), particle swarm optimization (PSO), artificial bee colony (ABC) algorithm, artificial immune algorithm (AIA), teaching-learning-based optimization (TLBO) algorithm and many other latest meta-heuristic techniques and their applications are discussed. This book will serve as a valuable reference for students, researchers and practitioners and help them in solving a wide range of optimization problems.

Praise is perhaps the most widely used technique to influence others. When used appropriately, praise can motivate people, make them feel better, and improve their social relationships. Often, however, praise fails to work as intended and may even cause harm. *Psychological Perspectives on Praise* reviews and integrates psychological theory and research to provide an overarching perspective on praise. With contributions from leading scholars in the field, this book amalgamates diverse theoretical and empirical perspectives on praise. The book starts with providing an overview of prominent theories that seek to explain the effects of praise, including self-enhancement theory, self-verification theory, attribution theory, and self-determination theory. It then discusses several lines of empirical research on how praise impacts competence and motivation, self-perceptions (e.g., self-esteem and narcissism), and social relationships. It does so in a range of contexts, including children's learning at school, employees' commitment at work, and people's behavior within romantic relationships. The book concludes by showing how praise can be understood in its developmental and cultural context. Revealing that praise is a message rich in information about ourselves and our social environments, this book will be of interest to social, organizational, personality, developmental, and educational psychologists; students in psychology and related disciplines; and practitioners including teachers, managers, and counselors who use praise in their daily practice.

"Sharpening the Combat Edge" focuses on the use of analysis in combat operations and concentrates on the utilization of techniques in situations with which the authors are personally familiar. It covers primarily the systematic blending of military judgment, data collection, and simple problem solving techniques as used in the 9th Infantry Division and II Field Force, Vietnam, 1968-1970. The approach is rather tentative because it was not possible in

many cases to determine exactly what factors made the operations go so well. Rather the authors have laid out the most important and interesting factors in the hopes that the readers will be stimulated and perhaps decide for themselves what the critical points were.

Alison Pargeter delves into the causes, motivations, and diverse forms of Islamic extremism in Europe. Drawing on original research and interviews conducted with moderates and radicals from across the continent, she shows how the lexicon of the war on terror has succeeded in distorting the complexities and peculiarities of the movement.

This book presents select proceedings of the International Conference on Future Learning Aspects of Mechanical Engineering (FLAME 2018). The book discusses interdisciplinary areas such as automobile engineering, mechatronics, applied and structural mechanics, bio-mechanics, biomedical instrumentation, ergonomics, biodynamic modeling, nuclear engineering, agriculture engineering, and farm machineries. The contents of the book will benefit both researchers and professionals.

As the world's third-ranking economic power, Japan's style of management, such as the lifetime employment system, the seniority system, and an enterprise union, has been well studied. However, little else is known about the Japanese management control systems (MCSs) and management accounting systems, which are significantly different from other economic powers. This book sheds light on Japanese MCSs and the differences with those of the United States, illustrated with examples from Mitsubishi Electric, Kao, and more. This book aids not only researchers in management accounting, but also provides more useful insight for international investors and management accountants that can prove useful in business management.

Why has political ecology been assigned so little attention in tourism studies, despite its broad and critical interrogation of environment and politics? As the first full-length treatment of a political ecology of tourism, the collection addresses this lacuna and

calls for the further establishment of this emerging interdisciplinary subfield. Drawing on recent trends in geography, anthropology, and environmental and tourism studies, *Political Ecology of Tourism: Communities, Power and the Environment* employs a political ecology approach to the analysis of tourism through three interrelated themes: Communities and Power, Conservation and Control, and Development and Conflict. While geographically broad in scope—with chapters that span Central and South America to Africa, and South, Southeast, and East Asia to Europe and Greenland—the collection illustrates how tourism-related environmental challenges are shared across prodigious geographical distances, while also attending to the nuanced ways they materialize in local contexts and therefore demand the historically situated, place-based and multi-scalar approach of political ecology. This collection advances our understanding of the role of political, economic and environmental concerns in tourism practice. It offers readers a political ecology framework from which to address tourism-related issues and themes such as development, identity politics, environmental subjectivities, environmental degradation, land and resources conflict, and indigenous ecologies. Finally, the collection is bookended by a pair of essays from two of the most distinguished scholars working in the subfield: Rosaleen Duffy (foreword) and James Igoe (afterword). This collection will be valuable reading for scholars and practitioners alike who share a critical interest in the intersection of tourism, politics and the environment

Dependability analysis is the recent approach to performance evaluation of contemporary systems which tries to cope with new challenges that are brought with their unprecedented complexity, size and diversity. Especially in case of computer systems and networks such evaluation must be based on multidisciplinary approach to theory, technology, and maintenance of systems which operate in real (and very often unfriendly) environments. As opposed to “classic” reliability which focuses mainly on technical aspects of system functioning, dependability studies investigate the

systems as multifaceted and sophisticated amalgamations of technical, information and also human resources. This monograph presents selected new developments in such areas of dependability research as mathematical models, evaluation of software, probabilistic assessment, methodologies, tools, and technologies. Intelligent and soft computing methods help to resolve fundamental problems of dependability analysis which are caused by the fact that in contemporary computer systems it is often difficult to find a relation between system elements and system events (the relation between reasons and results) and it is even more difficult to define strict mathematical models with “analytical” relationships between such phenomena.

From the critique of ‘the medical model’ of disability undertaken during the early and mid-1990s, a ‘social model’ emerged, particularly in the caring professions and those trying to shape policy and practice for people with disability. In education and schooling, it was a period of cementing inclusive practices and the ‘integration’ and inclusion of disability into ‘mainstream’. What was lacking in the debates around the social model, however, were the challenges to abledness that were being grappled with in the routine and pragmatics of self-care by people with disabilities, their families, carers and caseworkers. Outside the academy, new forms of activity and new questions were circulating. Challenges to abledness flourished in the arts and constituted the lived experience of many disability activists. *Disability Matters* engages with the cultural politics of the body, exploring this fascinating and dynamic topic through the arts, teaching, research and varied encounters with ‘disability’ ranging from the very personal to the professional. Chapters in this collection are drawn from scholars responding in various registers and contexts to questions of disability, pedagogy, affect, sensation and education. Questions of embodiment, affect and disability are woven throughout these contributions, and the diverse ways in which these concepts appear emphasize both the utility of these ideas and the timeliness of their application. This book was originally published as a special issue of *Discourse: Studies in the Cultural Politics of Education*.