

Predicted Paper 2b Nov 2013 Edexcel

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.

International Conference on Industrial Engineering and Engineering Management is sponsored by Chinese Industrial Engineering Institution, CMES, which is the unique national-level academic society of Industrial Engineering. The conference is held annually as the major event in this area. Being the largest and the most authoritative international academic conference held in China, it supplies an academic platform for the experts and the entrepreneurs in International Industrial Engineering and Management area to exchange their research results. Many experts in various fields from China and foreign countries gather together in the conference to review, exchange, summarize and promote their achievements in Industrial Engineering and Engineering Management fields. Some experts pay special attention to the current situation of the related techniques application in China as well as their future prospect, such as Industry 4.0, Green Product Design, Quality Control and Management, Supply Chain and logistics Management to cater for the purpose of low-carbon, energy-saving and emission-reduction and so on. They also come up with their assumption and outlook about the related techniques' development. The proceedings will offer theatrical methods and technique application cases for experts from college and university, research institution and enterprises who are engaged in theoretical research of Industrial Engineering and Engineering Management and its technique's application in China. As all the papers are feathered by higher level of academic and application value, they also provide research data for foreign scholars who occupy themselves in investigating the enterprises and engineering management of Chinese style.

This book is a printed edition of the Special Issue "Sports Finance" that was published in IJFS

This volume features the latest research and practical data from the premier event for the microelectronics failure analysis community. The papers cover a wide range of testing and failure analysis topics of practical value to anyone working to detect, understand, and eliminate electronic device and system failures.

Proceedings of the 2nd International Conference of Structural Health Monitoring and Integrity Management (ICSHMIM 2014), Nanjing, China, 24-26 September 2014

Structural Health Monitoring and Integrity Management

From Hype to Reality

Nowcasting and Forecasting Elections with Social Media

4th International Conference, SMARTGREENS 2015, and 1st International Conference VEHITS 2015, Lisbon, Portugal, May 20-22, 2015, Revised Selected Papers

Innovations in Software-Defined Networking and Network Functions Virtualization

Targeting Nations, Infrastructures, Individuals

Underneath the Golden Boy series of the Manitoba Law Journal reports on developments in legislation and on parliamentary and democratic reform in Manitoba, Canada, and beyond.

This issue has articles from a variety of contributing authors including: Bryan P.

Schwartz, Zachary T. Courtemanche, Paul Geisler, Sharyne Hamm, Andrej Hnatiuk, Joshua Morry, Karine Levasseur, William Ashton, Wayne Kelly, Ray Bollman, Brendan Boyd, Lars K. Hallstrom, Ryan Gibson, Thomas Johnson, Shirley Thompson, and Sarah Whiteford.

2000+ Practice Question Bank Expected for UPSC IAS Prelims 2020 General Studies Paper-1 Highly Expected (2000-Solved MCQ) from the topic covered: Current Affairs Art and Culture Indian Economy Latest International Affairs Indian Polity Latest Govt Schemes Science and Technology Environment and Ecology Geography (India + world) Indian History Best wishes!!

In this book, contributors provide insights into the latest developments of Edge Computing/Mobile Edge Computing, specifically in terms of communication protocols and related applications and architectures. The book provides help to Edge service providers, Edge service consumers, and Edge service developers interested in getting the latest knowledge in the area. The book includes relevant Edge Computing topics such as applications; architecture; services; inter-operability; data analytics; deployment and service; resource management; simulation and modeling; and security and privacy. Targeted readers include those from varying disciplines who are interested in designing and deploying Edge Computing. Features the latest research related to Edge Computing, from a variety of perspectives; Tackles Edge Computing in academia and industry, featuring a variety of new and innovative operational ideas; Provides a strong foundation for researchers to advance further in the Edge Computing domain.

Today, the Internet has become a source of information that no country or company can forgo. It is not only used to communicate or entertain, but most importantly to operate utilities and public services such as banking or air traffic. As the reliance on computer networks across societies and economies keeps growing, so do security risks in cyberspace - referred to as "cybersecurity." Cybersecurity means protecting information and control systems from those who seek to compromise them. It also involves actors, both malicious or protective, policies and their societal consequences. This collection of essays provides a better understanding of the risks, perceptions, and myths that surround cybersecurity by looking at it from three different levels of analysis: the sovereign

state, the infrastructure and stakeholders of the Internet, and the individual. The essays explore such issues as information ownership, censorship, cyberwars, cyberterrorism, privacy, and rebellion, bringing together expert knowledge from computer science and the social sciences with case studies. It reviews existing policies and practices and discusses the threats and benefits of living in an increasingly networked world. This authoritative analysis of one of the most controversial and compelling security debates of the twenty-first century will appeal to scholars and practitioners interested in security, international relations and policymaking.

Trials and Tribulations in the Implementation of Pre-Commercial Procurement in Europe We Never Expected That

Soft-Computing-Based Nonlinear Control Systems Design

UR:BAN Human Factors in Traffic

ISTFA 2013

Architectures, Methodologies, Techniques, and Applications

Innovation and Practice in Industrial Engineering and Management (Volume 2)

Fundamentals of 5G Mobile Networks provides an overview of the key features of the 5th Generation (5G) mobile networks, discussing the motivation for 5G and the main challenges in developing this new technology. This book provides an insight into the key areas of research that will define this new system technology paving the path towards future research and development. The book is multi-disciplinary in nature, and aims to cover a whole host of intertwined subjects that will predominantly influence the 5G landscape, including Future Internet, cloud computing, small cells and self-organizing networks (SONs), cooperative communications, dynamic spectrum management and cognitive radio, Broadcast-Broadband convergence, 5G security challenge, and green RF. The book aims to be the first of its kind towards painting a holistic perspective on 5G Mobile, allowing 5G stakeholders to capture key technology trends on different layering domains and to identify potential inter-disciplinary design aspects that need to be solved in order to deliver a 5G Mobile system that operates seamlessly as a piece of the 5G networking jigsaw. Key features:

- Addresses the fundamentals of 5G mobile networks serving as a useful study guide for mobile researchers and system engineers aiming to position their research in this fast evolving arena.
- Develops the Small cells story together with next generation SON (self-organizing networks) systems as solutions for addressing the unprecedented traffic demand and variations across cells.
- Elaborates Mobile Cloud technology and Services for future communication platforms, acting as a source of inspiration for corporations looking for new business models to harness the 5G wave.
- Discusses the open issues facing broad scale commercial deployment of white space networks, including the potential for applications towards the future 5G standard.
- Provides a scientific assessment for broadcast and mobile broadband convergence coupled together with a 'win-win' convergence solution to harmonize the broadcasting and mobile industry.
- Describes the key components, trends and challenges, as well as the system requirements for 5G transceivers to support multi standard radio, a source of inspiration for RF engineers and vendors to tie down the requirements and potential solutions for next generation handsets.

This book constitutes the refereed proceedings of the 8th International Conference on Social Computing, Behavioral-Cultural Modeling, and Prediction, SBP 2015, held in Washington, DC, USA, in March/April 2015. The 24 full papers presented together with 36 poster papers were carefully reviewed and selected from 118 submissions. The goal of the conference was to advance our understanding of human behavior through the development and application of mathematical, computational, statistical, simulation, predictive and other models that provide fundamental insights into factors contributing to human socio-cultural dynamics. The topical areas addressed by the papers are social and behavioral sciences, health sciences, engineering, computer and information science.

This book aims to advance the understanding of pre-commercial procurement (PCP) as innovation policy instrument and as means to fulfil public needs. To this end, it places PCP within its political and legal context and elucidates its origins and its economic rationale. Based on this analysis, it suggests a clear conceptualization of PCP and a clear delineation from other innovation policy instruments. Subsequently, the book assesses the value and achievements of the more established type of PCP policy programmes, and draws lessons for improvement. In this context, it raises awareness of the remaining obstacles to its wide and effective implementation and suggests appropriate solutions ranging from policy guidance to law interpretation and legislative reform. The text makes use of illustrative practical examples of policy-making and project implementation in various public programmes of R&D procurement. This is a highly relevant

book for academics and practitioners in the field of public procurement. Ramona Apostol is Senior Procurement Adviser at Corvers Procurement Services B.V. in the Netherlands. She holds a Ph.D. in Law from Leiden University, the Netherlands. She has been involved in a wide range of procurement projects related to the implementation of R&D and innovation procurement and regularly acts as independent expert for the European Commission on this topic.

This book constitutes the thoroughly refereed proceedings of the 4th International Conference on Smart Cities and Green ICT Systems, SMARTGREENS 2015, and the 1st International Conference on Vehicle Technology and Intelligent Transport Systems, VEHITS 2015, held in Lisbon, Portugal, in May 2015. The 15 full papers of SMARTGREENS 2015 presented were carefully reviewed and selected from 73 submissions. VEHITS 2015 received 27 paper submissions from which 3 papers were selected and published in this book. The papers reflect topics such as smart cities, energy-aware systems and technologies, sustainable computing and communications, sustainable transportation and smart mobility.

NTA UGC NET/JRF/Set Paper 2 Commerce 24 Solved Papers (2012–2021)

Locating the Missing Link
Proceedings of the 22nd International Conference on Industrial Engineering and Engineering Management 2015

AVS China, H.264/MPEG-4 PART 10, HEVC, VP6, DIRAC and VC-1

Proceedings of the 1st Springer Conference of the Arabian Journal of Geosciences (CAJG-1), Tunisia 2018

Emerging Markets in an Upside Down World

On Significant Applications of Geophysical Methods

An understanding of dynamic effects on structures is critical to minimize losses from earthquakes and other hazards. These three books provide an overview of essential topics in structural and geotechnical engineering with an additional focus on related topics in earthquake engineering to enable readers gain such an understanding. One of the ultimate objectives of these books is to provide readers with insights into seismic analysis and design. However, in order to accomplish that objective, background material on structural and geotechnical engineering is necessary. Hence the first two sections of the book provide this background material followed by selected topics in earthquake engineering. The material is organized into three major parts. The first section covers topics in structural engineering. Beginning with fundamental mechanics of materials, the book includes chapters on linear and nonlinear analysis as well as topics on modeling of structures from different perspectives. In addition to traditional design of structural systems, introductions to important concepts in structural reliability and structural stability are discussed. Also covered are subjects of recent interest, viz., blast and impact effects on structures as well as the use of fiber reinforced polymer composites in structural applications. Given the growing interest in urban renewal, an interesting chapter on restoration of historic cities is also included. The second part of the book covers topics in geotechnical engineering, covering both shallow and deep foundations and issues and procedures for geotechnical modeling. The final part of the book focuses on earthquake engineering with emphasis on both structures and foundations. Here again, the material covered includes both traditional seismic design and innovative seismic protection. And more importantly, concepts in modeling for seismic analysis are highlighted.

4LTR Press solutions give students the option to choose the format that best suits their learning preferences. This option is perfect for those students who focus on the textbook as their main course resource. Readers gain a strong understanding of economic principles with the hundreds of lively examples found in ECON Macro. This book draws on familiar life experiences to help explain economic concepts, choices, institutions, and events. A friendly writing style makes the material clear and more direct. Understandable graphs and exhibits include captions that summarize key points for review, color-coded curves, and helpful labels for clarification. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The requirements for multimedia (especially video and audio) communications increase rapidly in the last two decades in broad areas such as television, entertainment, interactive services, telecommunications, conference, medicine, security, business, traffic, defense and banking. Video and audio coding standards play most important roles in multimedia communications. In order to meet these requirements, series of video and audio coding standards have been developed such as MPEG-2, MPEG-4, MPEG-21 for audio and video by ISO/IEC, H.26x for video and G.72x for audio by ITU-T, Video Coder 1 (VC-1) for video by the Society of Motion Picture and Television Engineers (SMPTE) and RealVideo (RV) 9 for video by Real Networks. AVS China is the abbreviation for Audio Video Coding Standard of China. This new standard includes four main technical areas, which are systems, video, audio and digital copyright management (DRM), and some supporting documents such as consistency verification. The second part of the standard known as AVS1-P2 (Video - Jizhun) was approved as the national standard of China in 2006, and several final drafts of the standard have been completed, including AVS1-P1 (System - Broadcast), AVS1-P2 (Video - Zengqiang), AVS1-P3 (Audio - Double track), AVS1-P3 (Audio - 5.1), AVS1-P7 (Mobile Video), AVS-S-P2 (Video) and AVS-S-P3 (Audio). AVS China provides a technical solution for many applications such as digital broadcasting (SDTV and HDTV), high-density storage media, Internet streaming media, and will be used in the domestic IPTV, satellite and possibly the cable TV market. Comparing with other coding standards such as H.264 AVC, the advantages of AVS video standard include similar performance, lower complexity, lower implementation cost and licensing fees. This standard has attracted great deal of attention from industries related to television, multimedia communications and even chip manufacturing from around the world. Also many well known companies have joined the AVS Group to be Full Members or Observing Members. The 163 members of AVS Group include Texas Instruments (TI) Co., Agilent Technologies Co. Ltd., Envivio Inc., NDS, Philips Research East Asia, Aisino Corporation, LG, Alcatel Shanghai Bell Co. Ltd.,

Nokia (China) Investment (NCIC) Co. Ltd., Sony (China) Ltd., and Toshiba (China) Co. Ltd. as well as some high level universities in China. Thus there is a pressing need from the instructors, students, and engineers for a book dealing with the topic of AVS China and its performance comparisons with similar standards such as H.264, VC-1 and RV-9.

The International Association of Engineering and Technology for Skill Development (IAETSD) is a Professional and non-profit conference organizing company devoted to promoting social, economic, and technical advancements around the world by conducting international academic conferences in various Engineering fields around the world. IAETSD organizes multidisciplinary conferences for academics and professionals in the fields of Engineering. In order to strengthen the skill development of the students IAETSD has established. IAETSD is a meeting place where Engineering students can share their views, ideas, can improve their technical knowledge, can develop their skills and for presenting and discussing recent trends in advanced technologies, new educational environments and innovative technology learning ideas. The intention of IAETSD is to expand the knowledge beyond the boundaries by joining the hands with students, researchers, academics and industrialists etc, to explore the technical knowledge all over the world, to publish proceedings. IAETSD offers opportunities to learning professionals for the exploration of problems from many disciplines of various Engineering fields to discover innovative solutions to implement innovative ideas. IAETSD aimed to promote upcoming trends in Engineering.

ECON MACRO

6th ECML PKDD Workshop, DARE 2018, Dublin, Ireland, September 10, 2018, Revised Selected Papers

The Leading Edge of Early Childhood Education

A Multiple-Case Study on Social Entrepreneurship in India

Trustworthy Computing and Services

New Perspectives on Corporate Social Responsibility

Dear Life

The importance of social media as a way to monitor an electoral campaign is well established. Day-by-day, hour-by-hour evaluation of the evolution of online ideas and opinion allows observers and scholars to monitor trends and momentum in public opinion well before traditional polls. However, there are difficulties in recording and analyzing often brief, unverified comments while the unequal age, gender, social and racial representation among social media users can produce inaccurate forecasts of final polls. Reviewing the different techniques employed using social media to nowcast and forecast elections, this book assesses its achievements and limitations while presenting a new technique of "sentiment analysis" to improve upon them. The authors carry out a meta-analysis of the existing literature to show the conditions under which social media-based electoral forecasts prove most accurate while new case studies from France, the United States and Italy demonstrate how much more accurate "sentiment analysis" can prove.

Sandu-Daniel Kopp investigates whether carbon reduction targets are compatible with market-driven competition in gas (and power) industries, and whether security of supply is compatible with competitive markets. He examines the policy trade-offs which need to be made between the three different elements, and whether these policy judgements should be economically or politically based. The analysis shows the need for a complex set of politically determined options to protect (competitive) markets from price risks and emergency events and demonstrates that this has thus far failed the policy test. Overall, the author argues that the three major elements of EU energy policy are incompatible in important respects and thereby challenges much of the conventional wisdom of EU and Member State policies of the past decade.

This edited volume is based on the best papers accepted for presentation during the 1st Springer Conference of the Arabian Journal of Geosciences (CAJG-1), Tunisia 2018. This special volume is of interest to all researchers practicing geophysicists/seismologists, students of PG and UG in the fields of multifaceted Geoscience. Major applications with relevant illustrations presented in the volume are from Middle East. And therefore, this book no doubt would serve as a reference guide to all geoscientists and students in the broad field of Earth Science. This volume covers significant applications of gravity and magnetic methods, electrical and electromagnetic methods, refraction and reflection seismic methods besides a large number of study on earthquakes, tectonics and geological settings etc. The salient features of this volume are the interpretation and modeling of geophysical data of different nature. Main topics include: 1. Applications of gravity and magnetic methods.2. Electrical and Electromagnetic methods in mineral and groundwater exploration.3. Case studies on refraction and reflection seismic methods.4. Integrated geoscience applications in the exploration of subsurface resources.5. Hydrocarbon and petrophysical studies6. Earthquakes and seismic hazard assessment.7. Tectonics

This book discusses social entrepreneurship, especially in context of India. It focuses on understanding the whole process of social value creation, i.e. social entrepreneurship - opportunity identification, resource mobilisation, social value, capabilities of social entrepreneurs and innovation in three different types of social enterprises – (i) non-profit or charitable ones; (ii) non-profit social enterprise, sustainable with the combined income of grants, subsidies and own earned income; self-sustainable not-for-profit social enterprise; and hybrid social enterprise; and (iii) for-profit social enterprises. Sample cases of social entrepreneurs (Ashoka Fellows) were selected from three inter-linked sectors -- health, education and livelihood. To provide a comprehensive view, interviews were taken not only from the founders (social entrepreneurs), management personnel, and other employees, but also from the beneficiaries. The book comprises how, on the basis of cross-comparison between three types of social enterprises, several propositions and finally theoretical framework on social entrepreneurship have been developed. It proposes that social entrepreneurship can be acquired and that these social entrepreneurs can help solve the larger social problems faced both by developing and developed nations.

8th International Conference, SBP 2015, Washington, DC, USA, March 31-April 3, 2015. Proceedings

Politics, Markets and EU Gas Supply Security

Publications of the National Bureau of Standards

Reliability Prediction and Testing Textbook

Intelligent Data Analytics for Terror Threat Prediction

Microeconomics: A Contemporary Introduction

A critical part of ensuring that systems are advancing alongside technology without complications is problem solving. Practical applications of problem-solving theories can model conflict and cooperation and aid in creating solutions to real-world problems. Soft-Computing-Based Nonlinear Control Systems Design is a critical scholarly publication that examines the practical applications

of control theory and its applications in problem solving to fields including economics, environmental management, and financial modelling. Featuring a wide range of topics, such as fuzzy logic, nature-inspired algorithms, and cloud computing, this book is geared toward academicians, researchers, and students seeking relevant research on control theory and its practical applications. This edited volume focuses on the South Atlantic regional and national issues with maritime implications: naval policy, security, transnational organized crime, and Europe's legacy and current influence. The work analyzes the positions in favor and against NATO's extended role in the South Atlantic, the historical and current issues related to the Falklands War, the African national deficits, and initiatives to attend the regional maritime problems. Including contributions from Angolan, Brazilian, Senegalese, and US collaborators, the volume offers eclectic conceptual frameworks, rich historical backgrounds, updated data, original analysis models, and policy recommendations.

This book constitutes the refereed proceedings of the 8th International Conference of the CLEF Initiative, CLEF 2017, held in Dublin, Ireland, in September 2017. The 7 full papers and 9 short papers presented together with 6 best of the labs papers were carefully reviewed and selected from 38 submissions. In addition, this volume contains the results of 10 benchmarking labs reporting their year long activities in overview talks and lab sessions. The papers address all aspects of information access in any modality and language and cover a broad range of topics in the field of multilingual and multimodal information access evaluation. Structural Health Monitoring and Integrity Management is a collection of the papers presented at the 2nd International Conference of Structural Health Monitoring and Integrity Management (ICSHMIM2014, Nanjing, China, 24-26 September 2014), and addresses the most recent developments in the field of Structural Health Monitoring (SHM) and integrity ma

Proceedings of the 23rd International Conference on Industrial Engineering and Engineering Management 2016

Video coding standards

A Comparative Study of Failures in National and Business Intelligence

Theory and Application of Industrial Engineering

From Cultural Intelligence to Community Policing

Manitoba Law Journal: Underneath the Golden Boy 2015 Volume 38(2)

Edge Computing

This book constitutes the revised selected papers from the 6th ECML PKDD Workshop on Data Analytics for Renewable Energy Integration, DARE 2018, held in Dublin, Ireland, in September 2018. The 9 papers presented in this volume were carefully reviewed and selected for inclusion in this book and handle topics such as time series forecasting, the detection of faults, cyber security, smart grid and smart cities, technology integration, demand response, and many others.

This textbook reviews the methodologies of reliability prediction as currently used in industries such as electronics, automotive, aircraft, aerospace, off-highway, farm machinery, and others. It then discusses why these are not successful; and, presents methods developed by the authors for obtaining accurate information for successful prediction. The approach is founded on approaches that accurately duplicate the real world use of the product. Their approach is based on two fundamental components needed for successful reliability prediction; first, the methodology necessary; and, second, use of accelerated reliability and durability testing as a source of the necessary data. Applicable to all areas of engineering, this textbook details the newest techniques and tools to achieve successful reliability prediction and testing. It demonstrates practical examples of the implementation of the approaches described. This book is a tool for engineers, managers, researchers, in industry, teachers, and students. The reader will learn the importance of the interactions of the influencing factors and the interconnections of safety and human factors in product prediction and testing.

Type of Book: Solved Papers Subject – NTA UGC NET/JRF/Set Paper 2 Commerce Index-NTA UGC NET/JRF/Set Paper 2

Commerce 24 Solved Papers (2012–2021) Qualities Easy and Understandable for Preparation Previous Years' Solved Papers

[2012-2021] Complete syllabus accommodated with all the recent changes The book contains 24 Solved Papers

The Leading Edge of Early Childhood Education aims to support the effort to simultaneously scale up and improve the quality of early childhood education by bringing together relevant insights from emerging research to provide guidance for this critical, fledgling field.

It reflects the growing recognition that early childhood experiences have a powerful effect on children's later academic achievement

and long-term life outcomes. Editors Nonie K. Lesaux and Stephanie M. Jones bring together an impressive array of scholarly

contributors. Topics include: · creating learning environments that support children's cognitive and emotional development; · identifying and addressing early risk factors; · using data to guide educators' practice; and · capitalizing on the use of technology.

Recent years have seen a surge of local, state, and national initiatives aimed at expanding and improving early childhood initiatives, particularly regarding access to preK programs. The Leading Edge of Early Childhood Education promises to be a valuable resource for those charged with enacting the next level of work in this critical area.

Advances in Analog Circuit Design 2014

Approaches for Safe, Efficient and Stress-free Urban Traffic

2000+ Practice Question Bank Expected for UPSC IAS Prelims 2020 GS Paper-1

Linking Science to Policy for a New Generation

Challenging Perceptions in Asset Allocation and Investment

The Process of Social Value Creation

International Conference, ISCTCS 2013, Beijing, China, November 2013, Revised Selected Papers

Readers gain a strong understanding of microeconomic principles with the hundreds of lively examples found in McEachern's MICROECONOMICS: A CONTEMPORARY INTRODUCTION, 11E. This book draws on familiar life experiences to help explain microeconomic concepts, choices, institutions, and events. Interesting case studies, the latest research findings, and focused examples offer genuine insight into how microeconomic principles work in today's world. A friendly writing style is enhanced by learning features that make the material clear and more direct.

Understandable graphs and exhibits include captions that summarize key points, color-coded curves, and helpful labels for clarification. MICROECONOMICS: A CONTEMPORARY INTRODUCTION, 11E emphasizes how a solid understanding of microeconomics can enhance your professional and personal success. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Intelligent data analytics for terror threat prediction is an emerging field of research at the intersection of information science and computer science, bringing with it a new era of tremendous opportunities and challenges due to plenty of

easily available criminal data for further analysis. This book provides innovative insights that will help obtain interventions to undertake emerging dynamic scenarios of criminal activities. Furthermore, it presents emerging issues, challenges and management strategies in public safety and crime control development across various domains. The book will play a vital role in improvising human life to a great extent. Researchers and practitioners working in the fields of data mining, machine learning and artificial intelligence will greatly benefit from this book, which will be a good addition to the state-of-the-art approaches collected for intelligent data analytics. It will also be very beneficial for those who are new to the field and need to quickly become acquainted with the best performing methods. With this book they will be able to compare different approaches and carry forward their research in the most important areas of this field, which has a direct impact on the betterment of human life by maintaining the security of our society. No other book is currently on the market which provides such a good collection of state-of-the-art methods for intelligent data analytics-based models for terror threat prediction, as intelligent data analytics is a newly emerging field and research in data mining and machine learning is still in the early stage of development.

Providing a timely contribution to the ongoing questions surrounding topics which are by definition subject to varying stakeholder interpretations, this book addresses “the missing link” between theoretical CSR concepts and everyday management practice. It acts as a guide to awaken managers to the advantages of adopting a CSR “mindset” when developing sustainable business strategies. The book consists of three parts: 1) A theoretical realm which establishes the key concepts and rationale for the adoption of a sustainable CSR approach, 2) A practical realm which addresses putting CSR and sustainability into business practice, 3) An educational realm which proposes how to incorporate the concepts into teaching and training.

The advancement of technology is a standard of modern daily life, whether it be the release of a new cellphone, computer, or a self-driving car. Due to this constant advancement, the networks on which these technologies operate must advance as well. Innovations in Software-Defined Networking and Network Functions Virtualization is a critical scholarly publication that observes the advances made in network infrastructure through achieving cost efficacy while maintaining maximum flexibility for the formation and operation of these networks. Featuring coverage on a broad selection of topics, such as software-defined storage, openflow controller, and storage virtualization, this publication is geared toward professionals, computer engineers, academicians, students, and researchers seeking current and relevant research on the advancements made to network infrastructures.

High-Performance AD and DA Converters, IC Design in Scaled Technologies, and Time-Domain Signal Processing
Sports Finance

Data Analytics for Renewable Energy Integration. Technologies, Systems and Society

Social Computing, Behavioral-Cultural Modeling, and Prediction

Security in Cyberspace

Politics and Big Data

Smart Cities, Green Technologies, and Intelligent Transport Systems

This book addresses conceptual and practical issues pertinent to the creation and realization of social media strategies within law enforcement agencies. The book provides readers with practical methods, frameworks, and structures for understanding social media discourses within the operational remit of police forces and first responders in communities and areas of concern. This title - bridging the gap in social media and policing literature - explores and explains the role social media can play as a communication, investigation, and direct engagement tool. It is authored by a rich mix of global contributors from across the landscape of academia, policing and experts in government policy and private industry. Presents an applied look into social media strategies within law enforcement; Explores the latest developments in social media as it relates to community policing and cultural intelligence; Includes contributions and case studies from global leaders in academia, industry, and government.

In this short, powerful book, Karen Hitchcock shines a light on ageism in our society. Through some unforgettable case studies, she shows what care for the elderly and dying is really like - both the good and the bad. With honesty and deep experience, she looks at end-of-life decisions and over-treatment, frailty and dementia. Dear Life is a moving and controversial argument against the creeping tendency to see the elderly as a “burden”—difficult, hopeless, expensive and homogenous. While we rightly seek to curb treatment when it is futile, harmful or against a patient’s wishes, this can sometimes lead to limits on care that suit the system rather than the person. Doctors may declare a situation hopeless when it may not be so. We must plan for a future when more of us will be old, Hitchcock argues, with the aim of making that time better, not shorter. And we must change our institutions and society to meet the needs of an ageing population. Dear Life is a landmark book by one of Australia’s most powerful writers. “The elderly, the frail are our society. They are our parents and grandparents, our carers and neighbours, and they are every one of us in the not-too-distant future . . . They are not a growing cost to be managed or a burden to be shifted or a horror to be hidden away, but people whose needs require us to change” - Karen Hitchcock, Dear Life

Being the premier forum for the presentation of new advances and research results in the fields of Industrial Engineering, IEEM 2015 aims to provide a high-level international forum for experts, scholars and entrepreneurs at home and abroad to present the recent advances, new techniques and applications face and face, to promote discussion and interaction among academics, researchers and professionals to promote the developments and applications of the related theories and technologies in universities and enterprises, and to establish business or research relations to find global partners for future collaboration in the field of Industrial Engineering. All the goals of the international conference are to fulfill the mission of the series conference which is to review, exchange, summarize and promote the latest achievements in the field of industrial engineering and

engineering management over the past year, and to propose prospects and vision for the further development. This volume is the second of the two proceedings volumes from this conference.

The world is upside down. The emerging market countries are more important than many investors realise. They have been catching up with the West over the past few decades. Greater market freedom has spread since the end of the Cold War, and with it institutional changes which have further assisted emerging economies in becoming more productive, flexible, and resilient. The Western financial crisis from 2008 has quickened the pace of the relative rise of emerging markets - their relative economic power, and with it political power, but also their financial power as savers, investors and creditors. Emerging Markets in an Upside Down World - Challenging Perceptions in Asset Allocation and Investment argues that finance theory has misunderstood risk and that this has led to poor investment decisions; and that emerging markets constitute a good example of why traditional finance theory is faulty. The book accurately describes the complex and changing global environment currently facing the investor and asset allocator. It raises many questions often bypassed because of the use of simplifying assumptions and models. The narrative builds towards a checklist of issues and questions for the asset allocator and investor and then to a discussion of a variety of regulatory and policy issues. Aimed at institutional and retail investors as well as economics, finance, business and international relations students, Emerging Markets in an Upside Down World covers many complex ideas, but is written to be accessible to the non-expert.

Structural Engineering and Geomechanics - Volume 1

8th International Conference of the CLEF Association, CLEF 2017, Dublin, Ireland, September 11-14, 2017, Proceedings

Social Media Strategy in Policing

Proceedings from the 39th International Symposium for Testing and Failure Analysis

Maritime Security Challenges in the South Atlantic

Experimental IR Meets Multilinguality, Multimodality, and Interaction

Case Studies of the UK and Germany

This book constitutes the refereed proceedings of the International Standard Conference on Trustworthy Distributed Computing and Services, ISCTCS 2013, held in Beijing, China, in November 2013. The 49 revised full papers presented were carefully reviewed and selected from 267 papers. The topics covered are trustworthy infrastructure; security, survivability and fault tolerance; standards, evaluation and certification; trustworthiness of services.

The basic premise of this book is that in both fields, national and business, intelligence gathered about adversaries or competitors regarding changes in the external environment support the decision-making process. In both fields the subject has been studied within its own framework without comparative analysis or mutual learning.

This book is based on the 18 tutorials presented during the 23rd workshop on Advances in Analog Circuit Design. Expert designers present readers with information about a variety of topics at the frontier of analog circuit design, serving as a valuable reference to the state-of-the-art, for anyone involved in analog circuit research and development.

On Caring for the Elderly

Fundamentals of 5G Mobile Networks

International Conference On Advances In Engineering And Technology Vijayawada