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Next generation mobile telecommunications networks: challenges to the Nordic ICT industries Semantic Web Evaluation Challenges An Overview of the Development Challenges and Constraints of the Niger Basin and Possible Intervention Strategies Image Processing and Communications Challenges 5 The Science, and Art, of Program Dissemination: Strategies, Successes, and Challenges Hrd In Competitive Business Environment - Realities, Challenges And Practices Bond 11+: Bond 11+ Maths Challenge Assessment Papers 10-11 years Understanding Emerging Security Challenges Challenges and Opportunity with Big Data Bioinformatics Challenges at the Interface of Biology and Computer Science Problems, Perspectives and Challenges of Agricultural Water Management Grand Challenges in Earthquake Engineering Research Meeting the Employment Challenge Implementing Environmental Management Accounting: Status and Challenges Infidel Challenges; a narrative and appeal Challenges Decision Support Systems VI - Addressing Sustainability and Societal Challenges Challenges for Language Education and Policy West Africa's Security Challenges Islam and Its Challenges in the Globalised World The Challenge and Prospects of Tourism in Goa Today Challenges to Central Banking from Globalized Financial Systems Machine Learning and Big Data Analytics Paradigms: Analysis, Applications and Challenges The Technical Challenges and Opportunities of a United Europe Global Sustainability, Cultural Perspectives and Challenges for Transdisciplinary Integrated Research Challenges to China's Economic Statecraft Business Process Management: Current Applications and the Challenges of Adoption Learning Technology for Education Challenges New Challenges for ASEAN Progress and Challenges of Nonfinancial Defined Contribution Pension Schemes Global Pension Challenges New Challenges in Computational Collective Intelligence E-Business. New Challenges and Opportunities for Digital-Enabled Intelligent Future Image Processing and Communications Challenges 7 Web Information Systems Engineering Pattern Recognition. ICPR International Workshops and Challenges Sponge Cities: Emerging Approaches, Challenges and Opportunities Unmanned Aerial Vehicles Applications: Challenges and Trends Challenges and Opportunities of Circular Economy in Agri-Food Sector The Privatization Challenge

Next generation mobile telecommunications networks: challenges to the Nordic ICT industries

2006

in international comparisons the nordic countries tend to stand out as major producers and users of information and communication technology ict especially in the field of mobile telecommunications there is a common understanding the nordic countries were particularly well placed to enter the booming telecommunications industry of the 1980s due to a combination of advanced demand institutional and societal set ups that characterize these countries but this e book suggests that the technological and business setting of the nordic mobile communications is undergoing fundamental changes wit

Semantic Web Evaluation Challenges

2015-09-30

this book constitutes the thoroughly refereed post conference proceedings of the second edition of the semantic evaluation challenge semwebeval 2015 co located with the 12th european semantic conference held in portorož slovenia in may june 2015 this book includes the descriptions of all methods and tools that competed at semwebeval 2015 together with a detailed description of the tasks evaluation procedures and datasets the contributions are grouped in the areas open knowledge extraction challenge oke 2015 semantic publishing challenge sempub 2015 schema agnostic queries over large schema databases challenge saq 2015 concept level sentiment analysis challenge clsa 2015

An Overview of the Development Challenges and Constraints of the Niger Basin and Possible Intervention Strategies

2011-09-14

the niger river basin covers 7 5 of the african continent and is shared between nine riparian countries the human population of the basin is growing at an average annual rate of about 3 which makes the niger river basin one of the areas with the highest fertility rates in the world the desert margin is expanding climate change is negatively impacting rainfall and urbanization industrialization and the human and livestock population are threatening the quantity and quality of available water resources the basin population already suffers from chronic poverty based on a literature review this paper suggests some key water related and other interventions that are capable of easing the basin s development challenges

Image Processing and Communications Challenges 5

2013-07-19

this textbook collects a series of research papers in the area of image processing and communications which not only introduce a summary of current technology but also give an outlook of potential future problems in this area the key objective of the book is to provide a collection of comprehensive references on some recent theoretical development as well as novel applications in image processing and communications the book is divided into two parts part i deals with image processing a comprehensive survey of different methods of image processing computer vision is also presented part ii deals with the telecommunications networks and computer networks applications in these areas are considered in

conclusion the edited book comprises papers on diverse aspects of image processing and communications systems there are theoretical aspects as well as application papers

The Science, and Art, of Program Dissemination: Strategies, Successes, and Challenges

2015-10-05

gain a greater awareness of the processes involved in the dissemination of evidence based interventions as well as existing supports that help disseminate and sustain them many interventions that aim to help children and adolescents are found to be efficacious every year but program developers are often not equipped with the skills knowledge or tools to understand how to scale up a program or sustain it after the initial funding consumers e g service providers who are consumers of interventions on the other hand often do not understand all that goes into implementing and scaling up an intervention this special issue introduces readers to the problem discusses some of the challenges with disseminating programs and presents various supports that exist which can help scale up and sustain interventions the authors goal is to promote the field of dissemination science by encouraging the sharing of successes and challenges this is the 149th volume in this jossey bass series new directions for child and adolescent development its mission is to provide scientific and scholarly presentations on cutting edge issues and concepts in this subject area each volume focuses on a specific new direction or research topic and is edited by experts from that field

Hrd In Competitive Business Environment - Realities, Challenges And Practices

2005-06-04

the book tries to consolidate the work of the author and his associates who attempted to understand the way hrd works its systems and procedures and how they are put to use on the shop floor based on his experiences dr srinivas kandula hr director s

Bond 11+: Bond 11+ Maths Challenge Assessment Papers 10-11 years

2021-07-01

the bond 11 maths challenge assessment papers for 10 11 years is a new and improved edition of the bond maths stretch assessment papers which now includes new extra tricky questions as well as fully explained answers in the pull out centre section of the book used with the maths 11 handbook challenge test paper packs and other supporting bond titles the challenge assessment papers offer rigorous 11 practice questions to stretch the very brightest minds working through the papers helps to prepare children for more difficult questions and competitive exams and in doing so improves exam skills providing challenging practice of maths skills these age ranged essential study guides really help children to succeed bond is the number 1 provider of 11 practice helping millions of children pass selective entrance exams bond assessment is the only series of graded practice papers for age 5 to 13 for english and maths and age 5 to 12 for verbal reasoning and non verbal reasoning the four subjects commonly assessed in entrance examinations

Understanding Emerging Security Challenges

2012-09-10

this book offers an overview of emerging security challenges in the global environment in the post cold war era after the fall of the berlin wall and the subsequent shifting of international political environment a new broader concept of security began to gain acceptance this concept encompassed socio economic environmental challenges such as resource scarcity and climate change water sharing issues deforestation and forest protection measures food and health security and large population migration the book examines the causes and consequences of these emerging security threats and retains a critical focus on evolving approaches to address these issues the author attempts to develop a framework for sustainable security in a rapidly changing global political landscape which seeks to bring states and societies together in a way that addresses weaknesses of the evolving international system moreover through a detailed analysis of the emerging security issues and their pathways the book further argues that the evolving processes not only pose critical challenges but also provide remarkable opportunity for cooperation and collaboration among and within various stakeholders this book will be of much interest to students of global security war and conflict studies peace studies and ir in general

Challenges and Opportunity with Big Data

2017-08-03

this book presents the thoroughly refereed and revised post workshop proceedings of the 19th monterey workshop held in beijing china in october 2016 the workshop explored the challenges associated with the development operation and management of large scale complex it systems the 18 revised full papers presented were significantly extended and improved by the insights gained from the productive and lively discussions at the workshop and the feedback from the post workshop peer reviews 2016 marks the 23rd anniversary for the monterey workshop series which started in 1993 for nearly a quarter of century the monterey workshops have established themselves as an important international forum to foster among academia industry and government agencies discussion and exchange of ideas research results and experience in developing software intensive systems and have significantly advanced the field the community of the workshop participants has grown to become an influential source of ideas and innovations and its impact on the knowledge economy has been felt worldwide

Bioinformatics Challenges at the Interface of Biology and Computer Science

2016-08-26

this innovative book provides a completely fresh exploration of bioinformatics investigating its complex interrelationship with biology and computer science it approaches bioinformatics from a unique perspective highlighting interdisciplinary gaps that often trap the unwary the book considers how the need for biological databases drove the evolution of bioinformatics it reviews bioinformatics basics including database formats data types and current analysis methods and examines key topics in computer science including data structures identifiers and algorithms reflecting on their use and abuse in bioinformatics bringing these disciplines together this book is an essential read for those who wish to better understand the challenges for bioinformatics at the interface of biology and computer science and how to bridge the gaps it will be an invaluable resource for advanced undergraduate and postgraduate students and for lecturers researchers and professionals with an interest in this fascinating fast moving discipline and the knotty problems that surround it

Problems, Perspectives and Challenges of Agricultural Water Management

2012-03-09

food security emerged as an issue in the first decade of the 21st century questioning the sustainability of the human race which is inevitably related directly to the agricultural water management that has multifaceted dimensions and requires interdisciplinary expertise in order to be dealt with the purpose of this book is to bring together and integrate the subject matter that deals with the equity profitability and irrigation water pricing modelling monitoring and assessment techniques sustainable irrigation development and management and strategies for irrigation water supply and conservation in a single text the book is divided into four sections and is intended to be a comprehensive reference for students professionals and researchers working on various aspects of agricultural water management the book seeks its impact from the diverse nature of content revealing situations from different continents australia usa asia europe and africa various case studies have been discussed in the chapters to present a general scenario of the problem perspective and challenges of irrigation water use

Grand Challenges in Earthquake Engineering Research

2011-10-30

as geological threats become more imminent society must make a major commitment to increase the resilience of its communities infrastructure and citizens recent earthquakes in japan new zealand haiti and chile provide stark reminders of the devastating impact major earthquakes have on the lives and economic stability of millions of people worldwide the events in haiti continue to show that poor planning and governance lead to long term chaos while nations like chile demonstrate steady recovery due to modern earthquake planning and proper construction and mitigation activities at the request of the national science foundation the national research council hosted a two day workshop to give members of the community an opportunity to identify grand challenges for earthquake engineering research that are needed to achieve an earthquake resilient society as well as to describe networks of earthquake engineering experimental capabilities and cyberinfrastructure tools that could continue to address ongoing areas of concern grand challenges in earthquake engineering research a community workshop report explores the priorities and problems regions face in reducing consequent damage and spurring technological preparedness advances over the course of the grand challenges in earthquake engineering research workshop 13 grand challenge problems emerged and were summarized in terms of five overarching themes including community resilience framework decision making simulation mitigation and design tools participants suggested 14 experimental facilities and cyberinfrastructure tools that would be needed to carry out testing observations and simulations and to analyze the results the report also reviews progressive steps that have been made in research and development and considers what factors will accelerate transformative solutions

Meeting the Employment Challenge

2006

arguing that economic policies in argentina brazil and mexico favor markets over institutions and the international economy over the domestic to the detriment of the workforce in those countries this publication presents extensive evidence in support of placing employment concerns at the center of economic and social policies the authors discuss the challenges the three countries face in creating employment as well as the evolution of the labor market since 1990 in terms of the quantity and quality of jobs they then explore the impact of five policy areas on employment creation macroeconomic policy trade liberalization foreign direct investment labor market regulations and policies and social dialogue their concluding recommendations offer concrete steps for balancing market forces and policy intervention in the interest of employment growth in a sound economy

Implementing Environmental Management Accounting: Status and Challenges

2005-07-28

this book brings together examples of leading thinking and international practice in the rapidly developing area of environmental management accounting ema the authors include academics and practitioners from industry and the subjects covered range from individual company experiences with implementing ema to national experiences regarding the adoption and diffusion of ema practices

Infidel Challenges; a narrative and appeal

1854

this collection based on several of lang s files deals with the area where the worlds of science and academia meet those of journalism and politics social organisation government and the roles that education and journalism play in shaping opinions in discussing specific cases in which he became involved lang addresses general questions of standards standards of journalism discourse and of science recurring questions concern how people process information and misinformation inhibition of critical thinking and the role of education how to make corrections and how attempts at corrections are sometimes obstructed the extent to which we submit to authority and whether we can hold the authorities accountable the competence of so called experts and the use of editorial and academic power to suppress or marginalize ideas evidence or data that do not fit the tenets of certain establishments by treating case studies and providing extensive documentation lang challenges some individuals and establishments to reconsider the ways they exercise their official or professional responsibilities

Challenges

1998

this book constitutes the refereed proceedings of the second international conference on decision support systems technology icdsst 2016 held in plymouth uk may 23 25 the theme of the event was decision support systems addressing sustainability societal challenges organized by the euro association of european operational research societies working group of decision support systems ewg dss the 15 full papers presented in this book were selected out of 51 submissions after being carefully reviewed by internationally experts from the icdsst 2016 program committee and external invited reviewers the selected papers are representative of current and relevant research activities in various areas of decision support systems such as sustainability and societal challenges risk management and project portfolio management business intelligence and knowledge management and technologies to improve system usability

Decision Support Systems VI - Addressing Sustainability and Societal Challenges

2016-05-17

addressing a wide range of issues in applied linguistics sociolinguistics and multilingualism this volume focuses on language users the people making creative connections between existing scholarship in language policy and contemporary theory and research in other social sciences authors from around the world offer new critical perspectives for analyzing language phenomena and language theories suggesting new meeting points among language users and language policy makers norms and traditions in diverse cultural geographical and historical contexts identifying and

expanding on previously neglected aspects of language studies the book is inspired by the work of elana shohamy whose critical view and innovative work on a broad spectrum of key topics in applied linguistics has influenced many scholars in the field to think out of the box and to reconsider some basic commonly held understandings specifically with regard to the impact of language and languaging on individual language users rather than on the masses

Challenges for Language Education and Policy

2014-09-15

provides a context for understanding west africa s security dilemmas highlighting the link between failures of economic development governance and democratization on the one hand and military insecurity and violent conflicts on the other

West Africa's Security Challenges

2004

from the beginning islam faces many challenges from its foes that is the disbelievers atheism jews and christians secularism liberalism pluralism etc who want to extinguish islam and its foundation from this world since the fall of the islamic empire in the fifteenth century muslim countries pathetically came under the dominance of western powers in almost every aspect of life the united states of america and other powers foreign policies generally have hidden agenda to weaken the muslim countries so that they can keep on dominating the muslim world they give support to the secularist liberalist and pluralist groups in the muslim countries to go against the islamic traditionalists and fundamentalists although there are more than a billion muslims in the world they are weak and have become marginalized gone is the power of the muslims of the past therefore the contemporary muslims have no choice but to wake up to face the challenge if they are genuine muslims because they are the best ummah ever created by allah during the height of islamic empire islam stayed strong and kept on spreading its wing throughout the world because of charismatic and credibility some of its leaders islam is a universal religion that brought enlightenment to human race nevertheless muslim nations in the modern era of globalized world are disobedient lot unlike the muslims of the past thus they become weak globalization is the creation of the western imperialists as a tool to control world trade and economy of other nations small and underdeveloped nations are often unfairly treated the polarization and bloody borders between the christians west and the muslims are now become more transparent than ever before the wounds inflicted by the americans and the west in palestine iraq afghanistan yemen sudan somalia and others are still bleeding and bloody the usage of the words such as islamophobia and the muslims as terrorist frequently propagated throughout the world against islam thereby affecting the feeling of friendly and moderate muslims in general the cruelties inflicted on many of the innocent muslims directly or indirectly give a green light for some hardcore muslims to retaliate in a more radical way including suicide bombing the difference perception of faith moral character social ethic economy politics law etc in islam with other religions are wide apart islam is a religion of oneness of god islamic monotheism whilst the others are not islam taught the muslims to live side by side in co existence and in peace with the others provided there is a mutual respect with one another islam is a moderate religion the whole universe and its contents absolutely belong only to allah human race are his servants to take good care of the earth muslim ummah in the modern world miserably failed in their responsibilities in this world because most of them are lack of faith in allah they have deserted al quran and al sunnah of prophet muhammad pbuh in their way of life nevertheless ultimately near the end of the world the muslims will win as promised by allah although disbelievers do not believe it

Islam and Its Challenges in the Globalised World

2015

increasing global financial market integration is presenting new challenges to central banks as they seek to attain low inflation and financial stability this volume is based on a conference hosted by the imf in september 2002 it examines key issues such as the choice of nominal anchor for countries susceptible to shifts in capital flows what can be done to prevent and deal decisively with financial crises and how central bankers should think about the difficult choices when monetary objectives and financial stability objectives come into conflict

The Challenge and Prospects of Tourism in Goa Today

2004-03-02

this book is intended to present the state of the art in research on machine learning and big data analytics the accepted chapters covered many themes including artificial intelligence and data mining applications machine learning and applications deep learning technology for big data analytics and modeling simulation and security with big data it is a valuable resource for researchers in the area of big data analytics and its applications

Challenges to Central Banking from Globalized Financial Systems

2020-12-14

this book examines the ec s movement towards a stable unified european economy in 1992 contents introduction section i the european community looking towards 1992 section ii the impact of the 1992 movement on europe the economic and political meaning of europe 1992 the integration of systems and non systems e c 92 and the german transportation carriers the emerging social dimensions of europe 1992 section iii the technological challenge forging the european technology community technology competitiveness and cooperation in europe defence technology and european security in the 1990s section iv the tripartite relationship european management of trilateral interdependencies the u s view of ec 1992 the impact on global corporate competition and multinational corporate strategy signposts on the road to trade policy reform in agriculture will japan seek regionalism section v the e c and the third world 1992 and acp trade prospects development assistance under lome iv politics or economics

Machine Learning and Big Data Analytics Paradigms: Analysis, Applications and Challenges

1990

this book offers new perspectives of transdisciplinary research in methodological as well as theoretical respects it provides insights in the two fold bio physical and the socio cultural global embeddedness of local living conditions on the basis of selected empirical studies from latin america asia africa australia and europe the theoretical foundations of ecological research and sustainability policies were developed at the end of the nineteenth century they are largely based on investigations of living spaces and the evolution and differentiation of varied life forms this perspective is embedded in the practical and theoretical european problem situations of the past and lacks social and cultural differentiation the transformation of spatial and natural relations as a result of the globalization process is so radical that new theories are

needed to solve 21st century ecological problems moreover in view of the lack of an ontologically sound and promising strategy for transdisciplinary problem solving as well as an acceptable consideration of the power of cultural schemas relating to natural living s interpretations there is a strong need to focus on sustainable social practices habits and routines rather than on predominantly living spaces or eco topes this book elaborates on the transdisciplinary approach by reflecting on the theoretical heritage and a global perspective of sustainability by focusing on the primary role of a social approach in sustainability research and by putting emphasis on cultural dimension of sustainability it postulates that global sustainability is grounded in a global understanding of our everyday activities

The Technical Challenges and Opportunities of a United Europe

2015-05-28

fueled by its surging economic strength china has been increasingly utilizing economic tools such as trade foreign aid foreign direct investment and sanctions to pursue strategic and security interests on the world stage this approach known as economic statecraft has thus far received mixed policy results and ambivalent reactions from the international community this book presents a collection of global assessment of china s economic statecraft the contributors to this volume answer three key questions what are the challenges faced by china s economic statecraft why is china sometimes able to achieve its foreign policy objectives via economic statecraft and sometimes not how do foreign countries particularly the targets of china s economic statecraft respond to china s strategies this comprehensive study examines economic statecraft in the context of more than a dozen nations and international organizations across four continents thus providing a truly global perspective

Global Sustainability, Cultural Perspectives and Challenges for Transdisciplinary Integrated Research

2019-08-09

business process management bpm has been evolving for over 25 years in information systems research management science and organizational practice vom brocke mendling 2018 the earliest characteristics of bpm concentrated around process analysis improvement and control in a less strict manner that required reengineering elzinga horak lee bruner 1995 more mature approaches observed since the year 2000 have been promoting the so called process thinking i e managing an organization from a process based point of view these approaches emphasize that process and team work oriented organizational structures should be aligned with other management systems process management should be holistic by its nature so as to cover an entire organization although bpm researchers stressed the need for system thinking at that time published literature distinguished two perspectives of looking at bpm the organizational perspective and the technological perspective of bpm from the organizational perspective authors focused on a number of key factors i e process governance a process based organizational structure concept customer orientation of internal and external processes managing an organization based on process outputs building process relations and improving process maturity throughout the customer value chain as well as through strategically aligning process initiatives to organizational objectives from the technological perspective the key factors of interest to authors referred to as bpm s business process management system include it methods techniques and tools that support the designing implementation modeling and simulation of business processes and are considered to be an extension of classical workflow systems or an environment for designing management support it systems e g erp class systems an integrated and interdisciplinary approach was proposed in the framework of six core bpm elements required for the holistic and sustainable use of process management rosemann vom brocke 2010 these include strategic alignment governance methods information technology people and culture in this

sense technology is only one of six closely interrelated elements currently there are two distinct directions in the evolution of bpm traditional bpm and digital bpm the former encompasses methods techniques and systems that traditionally lead to increased organizational efficiency and to improved process effectiveness and flexibility although studies on bpm have been continuously evolving some research gaps still remain open the traditional understanding of process management seems particularly vital to organizations in developing economies which sometimes follow practices and models that were designed and tested in highly developed countries but should also be committed to drawing on their own experience and understanding of their local business environment gabryelczyk roztocki 2018 research on bpm in this traditional focus is still needed to better document implement and improve idiosyncratic business processes in the context of an organization environment culture and country this is also confirmed by research conducted under the jemi special issue on business process management besides the traditionally shaped approach to bpm organizations increasingly treat bpm as a driver of organizational innovation and as an essential part of the digital transformation vom brocke schmiedel 2015 new digital technologies such as social media digital platforms big data and advanced data analytics blockchains robotics etc enable development and growth in a constantly changing environment to take advantage of these opportunities in the digital world organizations require new bpm competences and capabilities however digital disruption creates quite a challenge for the bpm research community how can bpm capabilities be developed in order to achieve adaptability growth flexibility and agility how can bpm foster innovations within and throughout organizations these are just some of the issues for future bpm related research threads associated with employing bpm for digital transformation have been included in a proposed special issue on bpm this special issue on bpm consists of six articles including contributions from invited authors from three transition economies croatia slovakia and poland all of the papers focus on applications of the process approach to management or directly to the adoption of business process management the majority of articles relate to the traditional bpm thread although the indicated bpm alliances with other concepts such as knowledge management change management and project management are worthy of note only one article addresses the topic of bpm in the context of digital transformation the nature and structure of these articles may be indicative of the current motivational factors and process maturity levels of organizations adopting ordinary and or advanced bpm practices when analyzing the content of individual articles we pay attention to the factors underlying bpm adoption we understand the primary motivation to be the expected benefits from bpm therefore we can assume this special issue to be a contribution to bpm development in the form of the indicating motivation and triggers for bpm adoption the first paper by jerzy auksztol and magdalena chomuszko proposes a process based approach to construct a data control framework for standard audit file for tax saf t the process approach is used to redesign the internal financial control processes and procedures of an organization to meet the new requirements of a fiscal audit the process approach combined with risk management and quality management is therefore a tool supporting entrepreneurs adapting to new regulations imposed on them by their external environment particularly those of tax authorities therefore in this case the main motivation for adopting elements of bpm was the impact of external environment factors the paper by ana marija stjepić lucija ivančić and dalia suša vugec focuses on the link between business process management and digital transformation the authors have developed a theoretical framework for the emerging role of bpm in digitalization and as a guide for researchers and practitioners conducting digital transformation initiatives in organizations the results obtained in the article prove that the set goals and expected benefits of digital transformation can be achieved by a rethink and improvement of the processes with a particular focus on end to end customer processes through supply chain management based on this article we can conclude that one of the main motivational factors for bpm adoption is a desire to obtain the benefits of digital transformation the article written by miroslava nyulásziová and dana pařová takes up the issues of using and linking the process approach and bpm lifecycle with the designing of decision support systems the authors of this paper have developed an innovative system for decision support by implementing modeling analysis and improvement methods to the transportation process in the studied organization the forwarding company s case study presented in the paper also shows how bpm adoption began with a single main process that has been streamlined and automated therefore the

motivations for bpm adoption were not only operational relating to the optimization of the cost of the process but also managerial oriented on improving the decision making process the use of information technology allowed the full exploitation of the potential for process improvements the next paper by olga sobolewska is about incorporating the issues of bpm into the contemporary challenges of network organizations the author claims that the organization s orientation towards both business processes and knowledge management is a strong success factor for network cooperation the author argues that modern organizations should focus on managing knowledge oriented processes to become attractive to cooperation partners for network organizations in this article bpm adoption is of a strategic nature for the purposes of undertaking new forms of cooperation the paper by hubert bogumił has an interdisciplinary character and in a unique way shows the connections between the concepts of process management organizational change management and it project management the author undertook the challenge of examining how problems for organizations managing it projects facilitate in different ways the use of distinctive approaches to improve business processes the author emphasizes that the main difficulty is the fact that modern organizations most often use a hybrid approach with elements of both traditional project management and agile the need to create a work environment that takes into account the risk of unexpected system and business regression as well as a diagnosis of the causes and methods of its mitigation is the initial research result in this paper this article contributes to the development of bpm governance and integration of it governance the motivational factors for bpm are multi faceted as is the scope of the article however their managerial and cultural character related to methods of communication and rules of cooperation in teams should be emphasized the article by agnieszka bitkowska concerns the integration of the concept of knowledge management and bpm the author restates in her article that the identification acquisition presentation and documentation of knowledge are not independent tasks but are implemented within business processes in this paper the correlations between bpm and knowledge management have been examined and the benefits and practical implications resulting from the integrated implementation of both concepts are emphasized in the case of this article bpm adoption can be a success factor for the implementation of knowledge management and the achievement of associated benefits studying business process management from the different angles presented in this special issue should enrich our understanding of current bpm practices and better realize future challenges especially those related to bpm development in the context of digital transformation and the integration of bpm with other management related concepts in addition the contribution made by the authors of this special issue allowed us to see various motivations and triggers for bpm adoption from operational to managerial strategic cultural and technological ones and those driven by the external environment we would like to thank the authors for their contribution to this special issue we would also like to thank all the reviewers for their valuable comments which helped the authors improve their articles significantly we are firmly convinced that the bpm research results presented in this special issue will help strengthen the existing body of bpm knowledge we recommend reading the related issue of the jemi journal to the wider community of bpm researchers practitioners and enthusiasts guest editors renata gabryelczyk tomlav hernaus acknowledgments the editorial work on this special issue was supported by the polish national science centre poland grant no 2017 27 b hs4 01734 references elzinga d j horak t lee c y bruner c 1995 business process management survey and methodology iee transactions on engineering management 42 2 119 128 dx doi org 10 1109 17 387274 gabryelczyk r roztockin 2018 business process management success framework for transition economies information systems management 35 3 234 253 dx doi org 10 1080 10580530 2018 1477299 dx doi org 10 1080 10580530 2018 1477299 rosemann m vom brocke j 2010 the six core elements of business process management in handbook on business process management 1 cham springer vom brocke j mendling j eds 2018 business process management cases digital innovation and business transformation in practice berlin springer vom brocke j schmiedel t eds 2015 bpm driving innovation in a digital world cham springer

Challenges to China's Economic Statecraft

2020-01-01

this book constitutes the refereed proceedings of the 6th international workshop on learning technology for education in cloud itec 2017 held in beijing china in august 2017 the 16 revised full papers presented were carefully reviewed and selected from 37 submissions the papers are organized in topical sections on learning technologies learning tools and environment online learning and mooc problem solving and knowledge transfer

Business Process Management: Current Applications and the Challenges of Adoption

2017-08-07

new challenges for asean examines some of the most important policy issues confronting association of southeast asian nations asean governments these include the degradation of the maritime and urban environments new strains on inter ethnic relations domestic and international pressures to ensure the protection of human rights growing barriers to trade with the outside world and security concerns arising from a changing regional balance of power the responses of the asean governments to these challenges at domestic regional and international levels are critically examined by a group of experts with longstanding interest in southeast asian affairs

Learning Technology for Education Challenges

2011-11-01

the individual account based but unfunded approach to mandated public pension systems is a reform benchmark for all pension schemes promising fair and financially sustainable benefits nonfinancial defined contribution ndc pension schemes originated in italy and sweden in the 1990s were then adopted by latvia norway and poland envisaged but not implemented in various other countries such as egypt and russia and remain under discussion in many nations around the world such as china and france in its complete form the approach also comprises budget financed basic income provisions and mandated or voluntary funded provisions volume 1 of this book offers an assessment of countries that were early adopters before addressing key aspects of policy implementation and design review including how best to combine basic income provisions with an ndc scheme how to deal with heterogeneity in longevity and how to adjust ndc scheme design and labor market policies to deliver on reform expectations volume 2 addresses a second set of issues including the gender pension gap and what family policies can do about it within the ndc framework labor market issues and administrative challenges of ndc schemes and how countries are coping the role of communication in these pension schemes the complexity of cross border pension taxation and much more progress and challenges of nonfinancial defined contribution pension schemes is the third in a series of books analyzing the progress challenges and adjustment options of this reform revolution for mandated public pension systems pension reform is a major issue in many countries the development of the nonfinancial defined contribution pension plan in the 90 s was a major advance in pension design by reporting actual country experiences and exploring properties of plan designs this latest collection of essays is a valuable contribution well worth reading peter diamond professor at massachusetts institute of technology 2010 winner of the nobel memorial prize in economic sciences a highly stimulating publication for policy makers and researchers alike it pushes the analytical frontier for policy challenges that all public pension schemes are confronted with but that the nonfinancial defined contribution approach promises to handle best noriyuki takayama president research institute for

policies on pension and aging tokyo and professor emeritus hitotsubashi university tokyo in a changing world where pensions are more than ever linked to labor markets communication tools and flexibility considerations this anthology provides a unique up to date analysis of nonfinancial defined contribution pension schemes by mixing international experiences and theoretical studies it demonstrates the high adaptability of such pension schemes to changing social challenges pierre devolder professor of finance and actuarial sciences catholic university of louvain belgium

New Challenges for ASEAN

2019-10-21

national pension systems face a range of tough social and economic demands and pressures these are complex to navigate especially in a twenty first century world that has ushered in global uncertainty and pressing challenges even threatening the planet s very sustainability with implications for pensions that policymakers financial services providers and individuals themselves must address this book probes and unpacks what pension systems aim to achieve the uncertainties they face and how they are attempting to resolve them analysing pension provision from the systemic political economy and individual perspectives it sets out and contextualises commonalities and differences in pension systems across the globe looking at current developments in both public and private pension provision structures and regulation moreover the reader is encouraged to question how national pension systems can best serve their populations and ensure the sustainability of later life incomes in the light of today s global pension challenges global pension challenges pensions saving and retirement in the twenty first century is an essential read for business finance and social policy academics and students those working in the pensions industry and in the areas of welfare reform and advocacy as well as the general public wishing to know more about the retirement issues we will all face in the coming years

Progress and Challenges of Nonfinancial Defined Contribution Pension Schemes

2024-03-25

collective intelligence has become one of major research issues studied by today s and future computer science computational collective intelligence is understood as this form of group intellectual activity that emerges from collaboration and competition of many artificial individuals robotics artificial intelligence artificial cognition and group working try to create efficient models for collective intelligence in which it emerges from sets of actions carried out by more or less intelligent individuals the major methodological theoretical and practical aspects underlying computational collective intelligence are group decision making collective action coordination collective competition and knowledge description transfer and integration obviously the application of multiple computational technologies such as fuzzy systems evolutionary computation neural systems consensus theory knowledge representation etc is necessary to create new forms of computational collective intelligence and support existing ones three subfields of application of computational technologies to support forms of collective intelligence are of special attention to us the first one is semantic web treated as an advanced tool that increases the collective intelligence in networking environments the second one covers social networks modeling and analysis where social networks are this area of in which various forms of computational collective intelligence emerges in a natural way the third subfield relates us to agent and multi agent systems understood as this computational and modeling paradigm which is especially tailored to capture the nature of computational collective intelligence in populations of autonomous individuals

Global Pension Challenges

2009-09-29

this book contains papers accepted for ip c 2015 the international conference on image processing and communications held at utp university of science and technology bydgoszcz poland september 9 11 2015 this conference was the eighth edition in the ip c series of annual conferences this book and the conference have the aim to bring together researchers and scientists in the broad fields of image processing and communications addressing recent advances in theory methodology and applications the book will be of interest to a large group of researchers engineers and practitioners in image processing and communications

New Challenges in Computational Collective Intelligence

2015-10-14

this book constitutes the revised selected papers of the combined workshops on information systems engineering wise 2011 and wise 2012 held in sydney australia in october 2011 and in paphos cyprus in november 2012 the seven workshops of wise 2011 2012 have reported the recent developments and advances in the contemporary topics in the related fields of advanced reasoning technology for e science art 2012 cloud enabled business process management cebpm 2012 engineering in the semantic enterprise ese 2012 social analysis for trend detection sowetrend 2012 big data and cloud bdc 2012 personalization in cloud and service computing pc s 2011 and user focused service engineering consumption and aggregation useca 2011

E-Business. New Challenges and Opportunities for Digital-Enabled Intelligent Future

2013-05-13

this 8 volumes set constitutes the refereed of the 25th international conference on pattern recognition workshops icpr 2020 held virtually in milan italy and rescheduled to january 10 11 2021 due to covid 19 pandemic the 416 full papers presented in these 8 volumes were carefully reviewed and selected from about 700 submissions the 46 workshops cover a wide range of areas including machine learning pattern analysis healthcare human behavior environment surveillance forensics and biometrics robotics and egovision cultural heritage and document analysis retrieval and women at icpr2020

Image Processing and Communications Challenges 7

2021-02-24

this book is a printed edition of the special issue sponge cities emerging approaches challenges and opportunities that was published in water

Web Information Systems Engineering

2018-10-18

this is a book that covers different aspects of uav technology including design and development applications security and communication and legal and regulatory challenges the book is divided into 13 chapters grouped into four parts the first part discusses the design and development of uavs including ros customization structured designs and intelligent trajectory tracking the second part explores diverse applications such as search and rescue monitoring distributed parameter systems and leveraging drone technology in accounting the third part focuses on security and communication challenges including security concerns multi uav systems and communications security the final part delves into the legal and regulatory challenges of integrating uavs into non segregated airspace the book serves as a valuable resource for researchers practitioners and students in the field of unmanned aerial vehicles providing a comprehensive understanding of uav technology and its applications

Pattern Recognition. ICPR International Workshops and Challenges

2023-06-29

global population by 2050 is predicted to be over 9 billion and accordingly the production systems will demolish about 140 billion tons per year of minerals ores fossil fuels and biomass i e thrice of the current need and the food production itself has to be doubled optimized resource usage lifecycle management and reduced carbon emission have become a priority for agri food businesses today and circular economy ce helps for a sustainable and flexible way to grow without exhausting primary materials and it thinks beyond recycling and resource usage the word ce best relates to the resource and efficiency management 6rs closed loop production systems zero waste and lifecycle engineering reduced overconsumption of resources and waste generation enriched system redesign and business model innovation thereby leading to sustainable development goals in this light the book calls for theoretical and empirically sound contributions that are focused on the different aspects of the circular economy 6r s sustainable production and consumption closed loop systems etc in the agri food sector

Sponge Cities: Emerging Approaches, Challenges and Opportunities

2021-09-14

analisa os aspectos legais e institucionais e apresenta uma lista com a legislação sobre privatização em 112 países

Unmanned Aerial Vehicles Applications: Challenges and Trends

1997

Challenges and Opportunities of Circular Economy in Agri-Food Sector

The Privatization Challenge

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