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this contributed volume collects insights from industry professionals policy makers and researchers on new and profitable business models in the field of electric vehicles ev for the mass market this book includes approaches that address the optimization of total cost of ownership moreover it presents alternative models of ownership financing and leasing the editors present state of the art insights from international experts including real world case studies the volume has been edited in the framework of the international energy agency s implementing agreement for cooperation on hybrid and electric vehicles ia hev the target audience primarily comprises practitioners and decision makers but the book may also be beneficial for research experts and graduate students is gaia becoming thanatia a resource exhausted planet for how long can our high tech society be sustained in the light of declining mineral ore grades heavy dependence on un recycled critical metals and accelerated material dispersion these are all root causes of future disruptions that need to be addressed today this book presents a cradle to cradle view of the earth s abiotic resources through a novel and rigorous approach based on the second law of thermodynamics heat dissipates and materials deteriorate and disperse quality is irreversibly lost this allows for the assessment of such depletion and can be used to estimate the year where production of the main mineral commodities could reach its zenith by postulating thanatia one acquires a sense of destiny and a concern for a unified global management of the planet s abiotic resource endowment the book covers the core aspects of geology geochemistry mining metallurgy economics the environment thermodynamics and thermochemistry it is supported by comprehensive databases related to mineral resources including detailed compositions of the earth s layers thermochemical properties of over 300 substances historical energy and mineral resource inventories energy consumption and environmental impacts in the mining and metallurgical sector and world recycling rates of commodities the onset of the great financial crisis in 2007 8 has triggered a widespread debate about the causes and the social and environmental consequences of the lack of long term investment around the world this volume the third in the sustainable company book series produced by the goodcorp network of academic and trade union experts on corporate governance presents a stakeholder approach to the problem the analysis and policy prescriptions presented here go beyond mainstream economic analysis by highlighting the need for major changes in the way resources are saved distributed and invested in the interests of a sustainable and just economy and society individual chapters explore different dimensions of the problem of short termism and possible policy responses key themes in this volume include the state of the debate on long term investment in europe increasing worker voice in pension fund investment and implementing financial transaction taxes to discourage financial market speculation policy proposals beyond the mainstream include strengthening worker participation rights including the right to non financial information from companies and using international investment treaties to support social and environmental standards this book presents thinking about and through transdisciplinary and professional development as an educative process rather than focusing on the delineation of the approaches offered an analysis of these contributions shadowhunters the infernal devices

problems that benefit from a transdisciplinary perspective the core elements of transdisciplinarity can lead to what might be called metanoia another way of knowing a knowing which is beyond that which is creative and transformative this poses challenges for the practice of all professionals and is the core issue that this book addresses the book brings together the constituting views of transdisciplinarity or metanoia and focus them on current professional practice the book is structured in two parts and five sections the first part deals with key issues in transdisciplinarity its actuality and how it creates knowledge section 1 has three original papers which look at transdisciplinarity from a different lens especially the islamic voice has not been heard in this context before section 2 considers the knowledge aspect of transdisciplinarity and how this might be confronted with existing disciplinary knowledge part 2 of the book is directly focused on professionals and their education the third section considers research pedagogy and graduate education for the professional this is followed in section 4 which offers a discussion on team work in the final section six chapters present the transdisciplinary practitioner in different contexts

the beijing islamabad axis plays a central role in asia s geopolitics from india s rise to the prospects for a post american afghanistan from the threat of nuclear terrorism to the continent s new map of mines ports and pipelines china is pakistan s great economic hope and its most trusted military partner pakistan is the battleground for china s encounters with islamic militancy and the heart of its efforts to counter balance the emerging us india partnership for decades each country has been the other s only all weather friend yet the relationship is still little understood the wildest claims about it are widely believed while many of its most dramatic developments are hidden from the public eye this book sets out the recent history of sino pakistani ties and their ramifications for the west for india for afghanistan and for asia as a whole it tells the stories behind some of its most sensitive aspects including beijing s support for pakistan s nuclear program china s dealings with the taliban and the chinese military s planning for crises in pakistan it describes a relationship increasingly shaped by pakistan s internal strife and the dilemmas china faces between the need for regional stability and the imperative for strategic competition with india and the usa

amazon com this book demonstrates the changing dynamics of india s engagement with africa focusing on trade investment official development assistance capacity building activities and the diaspora it also examines its impact at the economic political and societal levels with respect to governance democratic structures education and health india has competitive edge of historical goodwill and it is one of the most important countries engaging africa in the 21st century for africa india has emerged from an aid recipient country to a major aid provider but on a basis of partnership model the book provides a contemporary analysis and assessment of indo africa relations bringing together contributions from the global south and from the north that explore whether the relationship is truly mutually beneficial

this book uniquely employs risk and vulnerability approaches to advocate international policy options for enhancing maritime security cooperation in the indian ocean region understanding shared risks and common vulnerabilities that impact the achievement of mutual objectives in the oceanic domain present practical bases for progressing collective action the indian ocean sea lanes are the world s most important thoroughfares for

and other cargoes secure maritime trade routes are vital to global regional and national economies further security challenges resulting from marine environmental degradation impacted by climate change are rising regional and extra regional actors need to work more closely together to impose law and order at sea control regional conflicts respond to humanitarian crises and natural disasters and conserve the marine environment this book provides an invaluable resource for political leaders policy advisers academic researchers military professionals and students of international security and strategic studies this book comprises the historical overview of migration processes in kyrgyzstan contemporary migration trends in international migration and various social economic and political impacts of migration it presents the findings of longstanding in depth comprehensive and empirical research insights are maximized by applying the multi sited strategy of analyzing both the migrant s place of origin and that of destination the primary goal of the book is to contribute to a better understanding of the meanings and the impacts of contemporary international migration processes in kyrgyzstan and their relevance for local livelihoods after graduating from tripoli libya in 1990 dr benamer came to the united kingdom in 1991 to further his training in medicine he obtained the mrcp in 1994 and trained in neurology in glasgow he obtained a phd and ccst in 2000 and was appointed a consultant neurologist in wolverhampton and birmingham the same year he has been the lead neurologist in new cross hospital in wolverhampton since 2006 dr benamer is a general neurologist with special interest in movement disorders dr benamer is honorary clinical senior lecturer in birmingham university and has an interest in medical education in which he obtained a postgraduate certificate from keele university in 2007 he has published more than 35 papers and two books he is currently a senior editor of the libyan journal of medicine he was also an examiner of the mrcp diploma from 2005 to 2009 dr benamer s publications relevant to the subject of the book 1 benamer ht 2007 neurological disorders in libya an overview neuroepidemiology 29 143 9 2 benamer ht 2008 the ancestry of lrrk2 gly2019ser parkinsonism lancet neurology 7 769 70 author reply 70 1 3 benamer ht de silva r siddiqui ka grosset dg 2008 parkinson s disease in arabs a systematic review movement disorders official journal of the movement disorder society 23 1205 10 4 benamer ht ahmed es al din as grosset dg 2009 frequency and clinical patterns of multiple sclerosis in arab countries a systematic review journal of the neurological sciences 278 1 4 5 benamer ht grosset d 2009 stroke in arab countries a systematic literature review journal of the neurological sciences 284 18 23 6 benamer ht grosset dg 2009 a systematic review of the epidemiology of epilepsy in arab countries epilepsia 50 2301 4 7 benamer ht shakir ra 2009 the neurology map of the arab world journal of the neurological sciences 285 10 2 8 benamer ht 2010 neurology expertise and postgraduate training programmes in the arab world a survey european neurology 64 313 8 9 benamer ht de silva r 2010 lrrk2 g2019s in the north african population a review european neurology 63 321 5 10 benamer ht deleu d grosset d 2010 epidemiology of headache in arab countries the journal of headache and pain 11 1 3 11 benamer ht 2011 more epidemiological studies of neurological disorders are needed in the arab countries neuroepidemiology 36 70 this book is a guide to asset and risk management from a practical point of view it is centered around two questions triggered by the global events on the stock markets since the middle of the last decade why do crashes happen when in theory they should not how do investors deal with such crises in terms of their risk measurement and management and as a consequence what are the shadowhunters for it in 10 len

more about data potential the pitfalls and inferencial gotchas gain an insight into the concepts of supervised and unsupervised learning delve into exploratory data analysis understand the minute details of sentiment analysis in detail data mining is the first step to understanding data and making sense of heaps of data properly mined data forms the basis of all data analysis and computing performed on it this learning path will take you from the very basics of data mining to advanced data mining techniques and will end up with a specialized branch of data mining social media mining you will learn how to manipulate data with r using code snippets and how to mine frequent patterns association and correlation while working with r programs you will discover how to write code for various predication models stream data and time series data you will also be introduced to solutions written in r based on r hadoop projects now that you are comfortable with data mining with r you will move on to implementing your knowledge with the help of end to end data mining projects you will learn how to apply different mining concepts to various statistical and data applications in a wide range of fields at this stage you will be able to complete complex data mining cases and handle any issues you might encounter during projects after this you will gain hands on experience of generating insights from social media data you will get detailed instructions on how to obtain process and analyze a variety of socially generated data while providing a theoretical background to accurately interpret your findings you will be shown r code and examples of data that can be used as a springboard as you get the chance to undertake your own analyses of business social or political data this learning path combines some of the best that packt has to offer in one complete curated package it includes content from the following packt products learning data mining with r by bater makhabel r data mining blueprints by pradeepta mishra social media mining with r by nathan danneman and richard heimann style and approach a complete package with which will take you from the basics of data mining to advanced data mining techniques and will end up with a specialized branch of data mining social media mining an insider s view of science reveals why many scientific results cannot be relied upon and how the system can be reformed science is how we understand the world yet failures in peer review and mistakes in statistics have rendered a shocking number of scientific studies useless or worse badly misleading such errors have distorted our knowledge in fields as wide ranging as medicine physics nutrition education genetics economics and the search for extraterrestrial life as science fictions makes clear the current system of research funding and publication not only fails to safeguard us from blunders but actively encourages bad science with sometimes deadly consequences stuart ritchie s own work challenging an infamous psychology experiment helped spark what is now widely known as the replication crisis the realization that supposed scientific truths are often just plain wrong now he reveals the very human biases misunderstandings and deceptions that undermine the scientific endeavor from contamination in science labs to the secret vaults of failed studies that nobody gets to see from outright cheating with fake data to the more common but still ruinous temptation to exaggerate mediocre results for a shot at scientific fame yet science fictions is far from a counsel of despair rather it s a defense of the scientific method against the pressures and perverse incentives that lead scientists to bend the rules by illustrating the many ways that scientists go wrong ritchie gives us the knowledge we need to spot dubious research and points the way to reforms that could make science trustworthy once again this book explores the concepts and practices that lead to

sustainable construction it breaks new ground by providing the reader with the underlying principles of how to build sustainably and then assesses many of the tools required for the task from energy to materials and from procurement to operation all aspects play their part in turning a theoretically sustainable building project into a reality there are many guidelines for the designer on how to maximise the sustainability of buildings but this resource text supplements these by focusing on the construction and operational aspects of sustainable buildings as well as some of the more fundamental design related considerations offers an excellent text for those learning to construct design and operate sustainable buildings covers the drivers for sustainable construction definitions historical impacts climate change and global regional and individual responses enables the construction professional to achieve optimum solutions both in design process and the aftercare of buildings evaluates the effectiveness of different renewable technologies and provides guidance on the practicalities of their use alerts the reader to future trends in this field holocaust archaeologies approaches and future directions aims to move archaeological research concerning the holocaust forward through a discussion of the variety of the political social ethical and religious issues that surround investigations of this period and by considering how to address them it considers the various reasons why archaeological investigations may take place and what issues will be brought to bear when fieldwork is suggested it presents an interdisciplinary methodology in order to demonstrate how archaeology can uniquely contribute to the history of this period case examples are used throughout the book in order to contextualise prevalent themes and a variety of geographically and typologically diverse sites throughout europe are discussed this book challenges many of the widely held perceptions concerning the holocaust including the idea that it was solely an eastern european phenomena centred on auschwitz and the belief that other sites connected to it were largely destroyed or are well known the typologically temporally and spatial diverse body of physical evidence pertaining to this period is presented and future possibilities for investigation of it are discussed finally the volume concludes by discussing issues relating to the re presentation of the holocaust and the impact of this on commemoration heritage management and education this discussion is a timely one as we enter an age without survivors and questions are raised about how to educate future generations about these events in their absence this book develops a comprehensive framework for creating sustainable new business approaches on a massive scale it relates the power of entrepreneurship investment and technology to four areas in which progress is urgently needed to get out of the world s current impasse these are game changing innovations in companies a way forward for the global fashion industry that reconciles competitiveness and worker dignity turning around the energy crisis and restoring capital markets to being the funders of human progress and prosperity that they once were the pieces of the puzzle that is our future numerous case studies and actionable guidelines show how to concretely get the job done scrupulous thorough fearless the cpib story chronicles the journey of the corrupt practices investigation bureau cpib from its beginnings to the present the narrative contained within the pages of this book contextualises the role of the bureau in singapore s nation building journey the creation of the bureau and its history and heritage are closely intertwined with the birth and history of singapore it starts by providing an account of how corruption had become so prevalent in pre war singapore the experiences of war characterised by shadowhunters the infernal devices

privation provided further impetus for many to resort to corrupt ways to get what they needed and coveted in the post war period this bureau was established to clean up the corruption of the day an endeavour which contributed to the birth of a strong nation whose people shared a common ethos of integrity singapore s reputation for being corruption free has since been one of the pillars of the nation s economic success two seasoned saudi watchers diagnose whether or not the kingdom s body politic is ailing and if its condition might be terminal this book covers the latest advances in playful user interfaces interfaces that invite social and physical interaction these new developments include the use of audio visual tactile and physiological sensors to monitor provide feedback and anticipate the behavior of human users the decreasing cost of sensor and actuator technology makes it possible to integrate physical behavior information in human computer interactions this leads to many new entertainment and game applications that allow or require social and physical interaction in sensor and actuator equipped smart environments the topics discussed include human nature interaction human animal interaction and the interaction with tangibles that are naturally integrated in our smart environments digitally supported remote audience participation in artistic or sport events is also discussed one important theme that emerges throughout the book is the involvement of users in the digital entertainment design process or even design and implementation of interactive entertainment by users themselves including children doing so in educational settings the purpose of this volume is to describe the impact of the increased demand for flexibility on employees and its impact on their individual work life trajectories and health the volume offers concrete examples of interventions aimed to find innovative ways of sustainable work careers for today s workers we focus on the school to work transition job insecurity job loss and re employment and retirement the interventions described offer strategies for implementing support in employment contracts increasing preparedness of individual employees with public education programs or developing work arrangements and support systems in work organizations this interdisciplinary work presents a conceptual framework and brings together constructivist and rationalist accounts of how eu norms are adopted adapted resisted or rejected these chapters provide empirical cases and critical analysis of a rich variety of norm takers from eu member states european and non european states including the rejection of eu norms in russia and africa as well as adaptation of eu practices in australia and new zealand chapters on china asean and the czech republic demonstrate resistance to eu norm export this volume probes differences in willingness to adopt or adapt norms between various actors in the recipient state and explores such questions as how do norm takers perceive of the eu and its norms is there a normative fit between eu norms and the local normative context similarly how do eu norms impact recipients interests and institutional arrangements first the authors map eu norm export strategies and approaches as they affect norm takers second the chapters recognize that norm adoption adaption resistance or rejection is a product of interaction and a relationship in which interdependence asymmetry and power play a role third we see that domestic circumstances within norm takers condition the reception of norms this book s focus on norm takers highlights the reflexive nature of norm diffusion and that nature has implications for the eu itself as a norm exporter anyone with an interest in the research agenda on norm diffusion normative power and the eu s normative dialogue with the world will find this book highly valuable including scholars policy makers and students of subjects including

political science european studies international relations and international and eu law despite an overwhelming scientific consensus climate change remains one of the most controversial issues of our time focusing on the rhetoric that surrounds the issue of climate change this groundbreaking book analyses why the debate continues to rage and examines how we should argue when winning the argument really matters going beyond routine condemnations of the wildest statements made by religious fundamentalists or spokespeople for fossil fuel interests the book explains the mutually exacerbating problems that permit many of us greet catastrophic predictions with an equivocal shrug it argues that the argumentative situation around climate change makes a certain kind of skepticism fair minded skepticism not only possible but likely the book also strikes a hopeful note reminding us that people do change their minds in response to effective argumentation that appeals to deeply shared values offering new insight into an ongoing academic discussion about the nature of argument and how it can be undertaken more effectively and ethically as well as a new perspective on the rhetoric of science and technology this book will be a valuable resource to students and scholars of climate change environmental humanities rhetoric environmental communication sociology and science and technology studies this book offers comprehensive coverage of the various aspects of personalized medicine as an original approach to classifying understanding treating and preventing disease based on individual biological differences in the introductory section it defines personalized medicine as a way toward new medical practices and addresses the question what can personalized medicine offer citizens medical professionals reimbursement bodies and stakeholders subsequent chapters discuss the technological aspects of personalized medicine data collection comprehensive integration and handling of data together with key enabling factors in developing the requisite technological support for personalized medicine lastly the book explores the main issues shaping the implementation and development of personalized medicine education stakeholder participation infrastructure a new approach to the classification of disease and medical tests regulatory frameworks and new reimbursement models together with ethical legal and social issues ultimately the book calls for interdisciplinarity and a radical change in the way we approach the health and wellbeing of individuals target groups are medical doctors and researchers in the field of biomedicine as well as experts from the social sciences dealing with legal economic and social aspects of health system issues in general though the book will primarily benefit these groups of professional experts its content will also appeal to a far wider readership as it deals with a paradigm shift in one of society's main pillars the health system this book presents good practices in asia and asean countries for effectively promoting advances in response to climate change which can help to achieve sustainable development in asia and around the world as a proposal the aim is to influence the discussions at cop 21 by providing a positive agenda with concrete actions from an asian perspective the book is divided into three parts part 1 describes the greenhouse gas ghg reduction scenario from an asian perspective and in line with global 2 targets based on modeling analysis the studies demonstrate the theoretical potentials and send the policymakers at cop 21 the positive message that asia can reach the target as asian countries vary in terms of their economic strength country specific scenario studies for the two giants china and india as well as for japan and vietnam are introduced to show the different approaches for each country part 2 shows successful examples of how modeling analysis are reflected in actual policy developments which provides

practical guidelines to help policymakers develop their own roadmaps with stakeholder dialogue not only in asia but also in other regions of the world the nationally appropriate mitigation action nama roadmap development in thailand as well as the iskandar malaysia project show at the country and city level how researchers and policymakers are working closely to succeed part 3 focuses on a number of sector specific activities including transportation forestry capacity development and inventory work in asia rather than discussing the low carbon society lcs concept in detail the respective chapters highlight unique concrete and practically applicable examples from asia showing how asian countries are addressing climate change mitigation issues in a collaborative manner an approach that can be replicated in other regions while the ultimate goal of this book is to facilitate international climate regime making local government and international organizations united nations world bank and others officers researchers international ngo npos consultants students particularly those studying international relationships or environmental studies as well as reporters will find this book useful in broadening their understanding of low carbon development in asia though the refugee crisis was discussed in many countries e g in greece hungary italy and spain long before 2015 it began to receive cross european press coverage only after angela merkel s statement wir schaffen das on the august 30th 2015 this data based study focuses on how journalists report on and leading politicians make statements about refugees migrants and asylum seekers in media and frame these humans after angela merkels sentence in 2015 until the end of 2017 this volume uses mainly corpus linguistics but also communicative science for the analysis of labelling strategies and the usage of words collocations and grammar systems used by journalists and politicians in different european countries in comparison this empirical volume pictures language specific variation and change of labels to enable a contrastive study between the press discourses of many european countries every chapter analyses the data consisting of newspaper articles describing the discourse of a particular country including discourses of some transit countries around the borders of the schengen area of the european union which barely have been covered in other studies this book offers a brand new point of view on immigration detention pursuing a multidisciplinary approach and presenting new reflections by internationally respected experts from academic and institutional backgrounds it offers an in depth perspective on the immigration framework together with the evolution of european and international political decisions on the management of immigration readers will be introduced to new international decisions on the protection of human rights together with international measures concerning the detention of immigrants in recent years international law and european law have converged to develop measures for combatting irregular immigration some of them include the criminalization of illegally entering a member state or illegally remaining there after legally entering though migration has become a great challenge for policymakers legislators and society as a whole we must never forget that migrants should enjoy the same human rights and legal protection as everyone else this book highlights what it takes to be successful in identifying and executing environmental responsibility from an operational perspective it provides cutting edge research from globally recognized field experts it is a useful resource for practitioners to explore why and how firms engage in environmentally responsible operations but also a valuable resource for academics as an introductory reference that provides direct exposure to key environmental operational problems faced by many firms today this book shadowhunters le origini 1 langelo shadowhunters the infernal devices versione italiana

introductory reading for students with varying educational backgrounds from business school students interested in environmental issues to environmental scientists interested in obtaining a business perspective as it provides a broad scope of key issues at the interface of operations management and environmental and social responsibility environmentally responsible supply chains is structured in a modular fashion with each chapter introducing and analyzing a specific timely topic allowing readers to identify the chapters that relate to their interests more specifically the book distinguishes between two key drivers of environmental responsibility profit and regulatory compliance the book is divided into five sections the first three sections of the book explore profit driven environmental responsibility and provide examples as to where the motives for environmentally responsible business practices come from where business opportunities are and what operational perspectives are key to profitability the last two sections of the book focus on regulation as a driver of environmental responsibility and identify motives opportunities or operational perspectives as to effective regulatory compliance ultimately the book introduces the reader to the fundamentals of sustainable operations and highlights the latest research on the topic the third edition of this hands on textbook pursues the focus on the principles of wireless sensor networks wsns their applications their protocols and standards and their analysis and test tools a meticulous care has been accorded to the definitions and terminology to make wsns felt and seen the adopted technologies as well as their manufacturers are presented in detail in introductory computer networking books chapters sequencing follows the bottom up or top down architecture of the seven layers protocol this book is some more steps after both horizontally and vertically the view and understanding are getting clearer chapters ordering is based on topics significance to the elaboration of wireless sensor networks wsns concepts and issues this book is intended for a wide audience it is meant to be help and motivate for both the senior undergraduates postgraduates researchers and practitioners concepts and wsns related applications are laid out research and practical issues are backed by appropriate literature and new trends are put under focus for senior undergraduate students it familiarizes with conceptual foundations applications and practical projects implementations for graduate students and researchers energy efficient routing protocols transport layer protocols and cross layering protocols approach are presented testbeds and simulators provide a must follow emphasis on the analysis methods and tools for wsns for practitioners besides applications and deployment the manufacturers and components of wsns at several platforms and testbeds are fully explored 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 cloud computing basics covers the main aspects of this fast moving technology so that both practitioners and students will be able to understand cloud computing the author highlights the key aspects of this technology that a potential user might want to investigate before deciding to adopt this service or this tool

explains how cloud services can be used to augment existing services such as storage backup and recovery addressing the details on how cloud security works and what the users must be prepared for when they move their data to the cloud also this book discusses how businesses could prepare for compliance with the laws as well as industry standards such as the payment card industry this contributed volume presents state of the art advances in logistics theory in various fields as well as case studies the book reports on a number of recently conducted studies in the dinalog and the effizienzcluster logistikruhr thus bridging the gap between different perspectives of theoretical and applied research a selection of theoretical topics practical examples case studies and project reports is presented in this volume the editors carefully selected contributions from a wide variety of projects which were carried out in both the dinalog cluster and the effizienzcluster logistikruhr the contributions are grouped in five main sections each representing key domains in the evolution of logistics and supply chain management sustainability urban logistics value chain management it based innovation knowledge management this book is intended for both researchers and practitioners in the field of logistics and supply chain management to serve as an important source of information for further research as well as to stimulate further innovation this book considers the effectiveness and fairness of using international cooperation to obtain confession evidence or evidence of a suspect or accused person s silence across borders this is a question of balance in limiting and protecting the right to silence the functioning of the applicable law in denmark england and wales and australia is analysed in relation to investigative and trial measures such as police questioning administrative questioning powers covert surveillance and the use of silence as evidence of guilt on the national level this work examines the way in which domestic rules balance the right to silence in national criminal proceedings and whether investigative and trial rules produce continuity throughout the criminal proceedings as a whole from the transnational perspective comparative legal analysis is used to determine whether the national continuity may be disrupted to such an extent that cooperation in the gathering of confession evidence causes unfairness from the international perspective this research compares the right to silence under the iccpr and the echr to identify the overall effect of cooperating under particular human rights frameworks on the question of balance this book analyzes the role of energy in indian foreign policy particularly in defining bilateral relations it also focuses on the critical gaps in conceptualizing its formulations and recommends a framework for sustainable energy security india the fourth largest consumer of oil is an energy deficit economy importing more than eighty percent of its needs this makes securing energy integral to its foreign policy goals obviously it is important for india to actively participate in the global energy market and establish robust enduring and nuanced diplomatic relations with energy exporting countries equally important is that india diversifies its energy mix and moves towards carbon free growth renewable energy is today high on the global energy agenda indian energy policy thus has to address a range of issues domestically and on foreign turf it has to move beyond the transactional mode by creating equity in the global energy industry today the global energy regime is undergoing fundamental changes as is the power dynamics of the global energy order there are now many new producers and diverse consumers the trade in energy has increased in volume and its direction has shifted from the west to the east and the ongoing structural changes in the energy market call for a new security architecture given the complex

and competitive environment of the new geo economics and geopolitics of energy the question could well be should india frame energy issues in conflict mode or move toward innovative cooperation in either case the message is that india needs an integrated energy security policy this book explores the reactions to europeanization and globalization in times of economic distress including the transformation of european values in national legal cultures the authors explore how european values tradition and new legal challenges interconnect and dictate the paths of transition between old and new europe the first chapter starts with a question can roman legal tradition play a role of identity factor towards a new europe can it be considered as a general value identifying new europe built on a minimum core of principles persona dominum obligation contract and inheritance composing the whole european private law tradition subsequent chapters attempt to provide possible responses to the question what is europe today the answers diverge depending on the research area the inherent dichotomy of human rights protection in europe and the concept of one law one court are investigated in the second chapter whereas the third chapter focuses on asylum and the interrelation and interdependence of the court of justice of the eu and the european court of human rights the next three chapters concentrate on matters of equal treatment and non discrimination the first contribution in this part reflects on the crisis and methodological and conceptual issues faced by modern anti discrimination law it is followed by a specific analysis of the empowerment of women or gender balancing in company boards the third contribution reveals the impact of the croatian anti discrimination law on private law relations the next chapter deals with the issue of social rights in croatia and the method of their regulation in the context of the new european values the immense challenges posed by the market integration imperative and democratic transition have brought about different reactions in the national legal systems and legal cultures of both old and new member states as such europe has effectively been reunited but what about the convergence of national legal cultures this is the focal point of the remaining chapters which focus on various issues from internal market competition law consumer welfare liberalization of network industries to the eu capital market the magnitude of eu activity in these areas offers conclusive evidence that old and new paradigms are evolving and shaping the future of the eu

Electric Vehicle Business Models

2014-12-27

this contributed volume collects insights from industry professionals policy makers and researchers on new and profitable business models in the field of electric vehicles ev for the mass market this book includes approaches that address the optimization of total cost of ownership moreover it presents alternative models of ownership financing and leasing the editors present state of the art insights from international experts including real world case studies the volume has been edited in the framework of the international energy agency s implementing agreement for cooperation on hybrid and electric vehicles ia hev the target audience primarily comprises practitioners and decision makers but the book may also be beneficial for research experts and graduate students

Thanatia: The Destiny Of The Earth's Mineral Resources - A Thermodynamic Cradle-to-cradle Assessment

2014-08-18

is gaia becoming thanatia a resource exhausted planet for how long can our high tech society be sustained in the light of declining mineral ore grades heavy dependence on un recycled critical metals and accelerated material dispersion these are all root causes of future disruptions that need to be addressed today this book presents a cradle to cradle view of the earth s abiotic resources through a novel and rigorous approach based on the second law of thermodynamics heat dissipates and materials deteriorate and disperse quality is irreversibly lost this allows for the assessment of such depletion and can be used to estimate the year where production of the main mineral commodities could reach its zenith by postulating thanatia one acquires a sense of destiny and a concern for a unified global management of the planet s abiotic resource endowment the book covers the core aspects of geology geochemistry mining metallurgy economics the environment thermodynamics and thermochemistry it is supported by comprehensive databases related to mineral resources including detailed compositions of the earth s layers thermochemical properties of over 300 substances historical energy and mineral resource inventories energy consumption and environmental impacts in the mining and metallurgical sector and world recycling rates of commodities

Long-term investment and the Sustainable Company: a stakeholder perspective. Vol. III

2015-09-16

the onset of the great financial crisis in 2007 8 has triggered a widespread debate about the causes and the social and environmental consequences of the lack of long term investment around the world this volume the third in the sustainable company book series produced by the goodcorp network of academic and trade union experts on corporate governance presents a stakeholder approach to the problem the analysis and policy prescriptions presented here go beyond mainstream economic analysis by highlighting the need for major changes in the way resources are saved distributed and invested in the interests of a sustainable and just economy and society individual chapters explore different dimensions of the problem of short termism and possible policy responses key themes in this volume include the state of the debate on long term investment in europe increasing worker voice in pension fund investment and implementing financial transaction taxes to discourage financial market speculation policy proposals beyond the mainstream include strengthening worker participation rights including the right to non financial information from companies and using international investment treaties to support social and environmental standards

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2015-01-06

this book presents thinking about and through transdisciplinary and professional development as an educative process rather than focusing on the delineation of the approaches offered an analysis of these contributions points to commonality in those problems that benefit from a transdisciplinary perspective the core elements of transdisciplinarity can lead to what might be called metanoia another way of knowing a knowing which is beyond that which is creative and transformative this poses challenges for the practice of all professionals and is the core issue that this book addresses the book brings together the constituting views of transdisciplinarity or metanoia and focus them on current professional practice the book is structured in two parts and five sections the first part deals with key issues in transdisciplinarity its actuality and how it creates knowledge section 1 has three original papers which look at transdisciplinarity from a different lens especially the islamic voice has not been heard in this context before section 2 considers the knowledge aspect of transdisciplinarity and how this might be confronted with existing disciplinary knowledge part 2 of the book is directly focused on professionals and their education the third section considers research pedagogy and graduate education for the professional this is followed in section 4 which offers a discussion on team work in the final section six chapters present the transdisciplinary practitioner in different contexts

Maritime Security Risks, Vulnerabilities and Cooperation

2015-11-25

after graduating from tripoli libya in 1990 dr benamer came to the united kingdom in 1991 to further his training in medicine he obtained the mrcp in 1994 and trained in neurology in glasgow he obtained a phd and ccst in 2000 and was appointed a consultant neurologist in wolverhampton and birmingham the same year he has been the lead neurologist in new cross hospital in wolverhampton since 2006 dr benamer is a general neurologist with special interest in movement disorders dr benamer is honorary clinical senior lecturer in birmingham university and has an interest in medical education in which he obtained a postgraduate certificate from keele university in 2007 he has published more than 35 papers and two books he is currently a senior editor of the libyan journal of medicine he was also an examiner of the mrcp diploma from 2005 to 2009 dr benamer s publications relevant to the subject of the book 1 benamer ht 2007 neurological disorders in libya an overview neuroepidemiology 29 143 9 2 benamer ht 2008 the ancestry of lrrk2 gly2019ser parkinsonism lancet neurology 7 769 70 author reply 70 1 3 benamer ht de silva r siddiqui ka grosset dg 2008 parkinson s disease in arabs a systematic review movement disorders official journal of the movement disorder society 23 1205 10 4 benamer ht ahmed es al din as grosset dg 2009 frequency and clinical patterns of multiple sclerosis in arab countries a systematic review journal of the neurological sciences 278 1 4 5 benamer ht grosset d 2009 stroke in arab countries a systematic literature review journal of the neurological sciences 284 18 23 6 benamer ht grosset dg 2009 a systematic review of the epidemiology of epilepsy in arab countries epilepsia 50 2301 4 7 benamer ht shakir ra 2009 the neurology map of the arab world journal of the neurological sciences 285 10 2 8 benamer ht 2010 neurology expertise and postgraduate training programmes in the arab world a survey european neurology 64 313 8 9 benamer ht de silva r 2010 lrrk2 g2019s in the north african population a review european neurology 63 321 5 10 benamer ht deleu d grosset d 2010 epidemiology of headache in arab countries the journal of headache and pain 11 1 3 11 benamer ht 2011 more epidemiological studies of neurological disorders are needed in the arab countries neuroepidemiology 36 70

The Impact of International Migration

2016-08-31

this book is a guide to asset and risk management from a practical point of view it is centered around two questions triggered by the global events on the stock markets since the middle of the last decade why do crashes happen when in theory they should not how do investors deal with such crises in terms of their risk measurement and management and as a consequence what are the implications for the chosen investment strategies the book presents and discusses two different approaches to finance and

that covers all aspects of protected horticulture it discusses the appropriate siting for a greenhouse enterprise and covers greenhouse design principles and commercial glasshouses it also considers cladding materials the development and use of polythene clad tunnel structures and greenhouse energy sources the greenhouse environment growing rooms irrigation composts and other growing media are examined as well as plant nutrients fertilizers pest and disease control nursery hygiene and much more this is essential reading for keen amateur gardeners with an interest in growing plants under glass and an invaluable reference work for undergraduate and post graduate horticultural students consultants commercial horticultural growers and for all those involved in the protected horticultural sector fully illustrated with 86 colour photographs graphs and drawings

Demography for Planning and Policy: Australian Case Studies

2015-02-28

create data mining algorithms about this book develop a strong strategy to solve predictive modeling problems using the most popular data mining algorithms real world case studies will take you from novice to intermediate to apply data mining techniques deploy cutting edge sentiment analysis techniques to real world social media data using r who this book is for this learning path is for r developers who are looking to making a career in data analysis or data mining those who come across data mining problems of different complexities from web text numerical political and social media domains will find all information in this single learning path what you will learn discover how to manipulate data in r get to know top classification algorithms written in r explore solutions written in r based on r hadoop projects apply data management skills in handling large data sets acquire knowledge about neural network concepts and their applications in data mining create predictive models for classification prediction and recommendation use various libraries on r cran for data mining discover more about data potential the pitfalls and inferencial gotchas gain an insight into the concepts of supervised and unsupervised learning delve into exploratory data analysis understand the minute details of sentiment analysis in detail data mining is the first step to understanding data and making sense of heaps of data properly mined data forms the basis of all data analysis and computing performed on it this learning path will take you from the very basics of data mining to advanced data mining techniques and will end up with a specialized branch of data mining social media mining you will learn how to manipulate data with r using code snippets and how to mine frequent patterns association and correlation while working with r programs you will discover how to write code for various predication models stream data and time series data you will also be introduced to solutions written in r based on r hadoop projects now that you are comfortable with data mining with r you will move on to implementing your knowledge with the help of end to end data mining projects you will learn how to apply different mining concepts to various statistical and data applications in a wide range of fields at this stage you will be able to complete complex data mining cases and handle any issues you might encounter during projects after this you will gain hands on experience of generating

insights from social media data you will get detailed instructions on how to obtain process and analyze a variety of socially generated data while providing a theoretical background to accurately interpret your findings you will be shown r code and examples of data that can be used as a springboard as you get the chance to undertake your own analyses of business social or political data this learning path combines some of the best that packt has to offer in one complete curated package it includes content from the following packt products learning data mining with r by biter maklabel r data mining blueprints by pradeepta mishra social media mining with r by nathan danneman and richard heimann style and approach a complete package with which will take you from the basics of data mining to advanced data mining techniques and will end up with a specialized branch of data mining social media mining

Polytunnels, Greenhouses and Protective Cropping

2015-11-25

an insider s view of science reveals why many scientific results cannot be relied upon and how the system can be reformed science is how we understand the world yet failures in peer review and mistakes in statistics have rendered a shocking number of scientific studies useless or worse badly misleading such errors have distorted our knowledge in fields as wide ranging as medicine physics nutrition education genetics economics and the search for extraterrestrial life as science fictions makes clear the current system of research funding and publication not only fails to safeguard us from blunders but actively encourages bad science with sometimes deadly consequences stuart ritchie s own work challenging an infamous psychology experiment helped spark what is now widely known as the replication crisis the realization that supposed scientific truths are often just plain wrong now he reveals the very human biases misunderstandings and deceptions that undermine the scientific endeavor from contamination in science labs to the secret vaults of failed studies that nobody gets to see from outright cheating with fake data to the more common but still ruinous temptation to exaggerate mediocre results for a shot at scientific fame yet science fictions is far from a counsel of despair rather it s a defense of the scientific method against the pressures and perverse incentives that lead scientists to bend the rules by illustrating the many ways that scientists go wrong ritchie gives us the knowledge we need to spot dubious research and points the way to reforms that could make science trustworthy once again

R: Mining spatial, text, web, and social media data

2022-09-20

this book explores the concepts and practicalities that lead to sustainable construction it breaks new ground by providing the reader with the underlying principles of how to build sustainably and then assesses many of the tools required for the task from energy to materials and from procurement to operation all aspects play their part in turning a theoretically sustainable building project into a reality there are many guidelines for the designer on how to maximise the sustainability of buildings but this resource text supplements these by focusing on the construction and operational aspects of sustainable buildings as well as some of the more fundamental design related considerations offers an excellent text for those learning to construct design and operate sustainable buildings covers the drivers for sustainable construction definitions historical impacts climate change and global regional and individual responses enables the construction professional to achieve optimum solutions both in design process and the aftercare of buildings evaluates the effectiveness of different renewable technologies and provides guidance on the practicalities of their use alerts the reader to future trends in this field

Science Fictions

2015

holocaust archaeologies approaches and future directions aims to move archaeological research concerning the holocaust forward through a discussion of the variety of the political social ethical and religious issues that surround investigations of this period and by considering how to address them it considers the various reasons why archaeological investigations may take place and what issues will be brought to bear when fieldwork is suggested it presents an interdisciplinary methodology in order to demonstrate how archaeology can uniquely contribute to the history of this period case examples are used throughout the book in order to contextualise prevalent themes and a variety of geographically and typologically diverse sites throughout europe are discussed this book challenges many of the widely held perceptions concerning the holocaust including the idea that it was solely an eastern european phenomena centred on auschwitz and the belief that other sites connected to it were largely destroyed or are well known the typologically temporally and spatial diverse body of physical evidence pertaining to this period is presented and future possibilities for investigation of it are discussed finally the volume concludes by discussing issues relating to the re presentation of the holocaust and the impact of this on commemoration heritage management and education this discussion is a timely one as we enter an age without survivors and questions are raised about how to educate future generations about these events in their absence

Sustainable Construction Processes

2015-05-18

this book develops a comprehensive framework for creating sustainable new business approaches on a massive scale it relates the power of entrepreneurship investment and technology to four areas in which progress is urgently needed to get out of the world's current impasse these are game changing innovations in companies a way forward for the global fashion industry that reconciles competitiveness and worker dignity turning around the energy crisis and restoring capital markets to being the funders of human progress and prosperity that they once were the pieces of the puzzle that is our future numerous case studies and actionable guidelines show how to concretely get the job done

Holocaust Archaeologies

2015-04-15

scrupulous thorough fearless the cpib story chronicles the journey of the corrupt practices investigation bureau cpib from its beginnings to the present the narrative contained within the pages of this book contextualises the role of the bureau in singapore's nation building journey the creation of the bureau and its history and heritage are closely intertwined with the birth and history of singapore it starts by providing an account of how corruption had become so prevalent in pre war singapore the experiences of war characterised by extreme shortages hunger and privation provided further impetus for many to resort to corrupt ways to get what they needed and coveted in the post war period this bureau was established to clean up the corruption of the day an endeavour which contributed to the birth of a strong nation whose people shared a common ethos of integrity singapore's reputation for being corruption free has since been one of the pillars of the nation's economic success

Building the Impact Economy

2015-03-20

two seasoned saudi watchers diagnose whether or not the kingdom's body politic is ailing and if its condition might be terminal

Scrupulous, Thorough, Fearless: The Cpib Story

2015-05-15

this book covers the latest advances in playful user interfaces interfaces that invite social and physical interaction these new developments include the use of audio visual tactile and physiological sensors to monitor provide feedback and anticipate

the behavior of human users the decreasing cost of sensor and actuator technology makes it possible to integrate physical behavior information in human computer interactions this leads to many new entertainment and game applications that allow or require social and physical interaction in sensor and actuator equipped smart environments the topics discussed include human nature interaction human animal interaction and the interaction with tangibles that are naturally integrated in our smart environments digitally supported remote audience participation in artistic or sport events is also discussed one important theme that emerges throughout the book is the involvement of users in the digital entertainment design process or even design and implementation of interactive entertainment by users themselves including children doing so in educational settings

Saudi Arabia

2016-10-27

the purpose of this volume is to describe the impact of the increased demand for flexibility on employees and its impact on their individual work life trajectories and health the volume offers concrete examples of interventions aimed to find innovative ways of sustainable work careers for today s workers we focus on the school to work transition job insecurity job loss and re employment and retirement the interventions described offer strategies for implementing support in employment contracts increasing preparedness of individual employees with public education programs or developing work arrangements and support systems in work organizations

More Playful User Interfaces

2015-11-26

this interdisciplinary work presents a conceptual framework and brings together constructivist and rationalist accounts of how eu norms are adopted adapted resisted or rejected these chapters provide empirical cases and critical analysis of a rich variety of norm takers from eu member states european and non european states including the rejection of eu norms in russia and africa as well as adaptation of eu practices in australia and new zealand chapters on china asean and the czech republic demonstrate resistance to eu norm export this volume probes differences in willingness to adopt or adapt norms between various actors in the recipient state and explores such questions as how do norm takers perceive of the eu and its norms is there a normative fit between eu norms and the local normative context similarly how do eu norms impact recipients interests and institutional arrangements first the authors map eu norm export strategies and approaches as they affect norm takers second the chapters recognize that norm adoption adaption resistance or rejection is a product of interaction and a relationship in which

interdependence asymmetry and power play a role third we see that domestic circumstances within norm takers condition the reception of norms this book s focus on norm takers highlights the reflexive nature of norm diffusion and that nature has implications for the eu itself as a norm exporter anyone with an interest in the research agenda on norm diffusion normative power and the eu s normative dialogue with the world will find this book highly valuable including scholars policy makers and students of subjects including political science european studies international relations and international and eu law

Sustainable Working Lives

2023-05-30

despite an overwhelming scientific consensus climate change remains one of the most controversial issues of our time focusing on the rhetoric that surrounds the issue of climate change this groundbreaking book analyses why the debate continues to rage and examines how we should argue when winning the argument really matters going beyond routine condemnations of the wildest statements made by religious fundamentalists or spokespeople for fossil fuel interests the book explains the mutually exacerbating problems that permit many of us greet catastrophic predictions with an equivocal shrug it argues that the argumentative situation around climate change makes a certain kind of skepticism fair minded skepticism not only possible but likely the book also strikes a hopeful note reminding us that people do change their minds in response to effective argumentation that appeals to deeply shared values offering new insight into an ongoing academic discussion about the nature of argument and how it can be undertaken more effectively and ethically as well as a new perspective on the rhetoric of science and technology this book will be a valuable resource to students and scholars of climate change environmental humanities rhetoric environmental communication sociology and science and technology studies

Importing EU Norms

2016-02-24

this book offers comprehensive coverage of the various aspects of personalized medicine as an original approach to classifying understanding treating and preventing disease based on individual biological differences in the introductory section it defines personalized medicine as a way toward new medical practices and addresses the question what can personalized medicine offer citizens medical professionals reimbursement bodies and stakeholders subsequent chapters discuss the technological aspects of personalized medicine data collection comprehensive integration and handling of data together with key enabling factors in developing the requisite technological support for personalized medicine lastly the book explores the main issues shaping the

implementation and development of personalized medicine education stakeholder participation infrastructure a new approach to the classification of disease and medical tests regulatory frameworks and new reimbursement models together with ethical legal and social issues ultimately the book calls for interdisciplinarity and a radical change in the way we approach the health and wellbeing of individuals target groups are medical doctors and researchers in the field of biomedicine as well as experts from the social sciences dealing with legal economic and social aspects of health system issues in general though the book will primarily benefit these groups of professional experts its content will also appeal to a far wider readership as it deals with a paradigm shift in one of society's main pillars the health system

The Troubled Rhetoric and Communication of Climate Change

2016-06-15

this book presents good practices in asia and asean countries for effectively promoting advances in response to climate change which can help to achieve sustainable development in asia and around the world as a proposal the aim is to influence the discussions at cop 21 by providing a positive agenda with concrete actions from an asian perspective the book is divided into three parts part 1 describes the greenhouse gas ghg reduction scenario from an asian perspective and in line with global 2 targets based on modeling analysis the studies demonstrate the theoretical potentials and send the policymakers at cop 21 the positive message that asia can reach the target as asian countries vary in terms of their economic strength country specific scenario studies for the two giants china and india as well as for japan and vietnam are introduced to show the different approaches for each country part 2 shows successful examples of how modeling analysis are reflected in actual policy development which provides practical guidelines to help policymakers develop their own roadmaps with stakeholder dialogue not only in asia but also in other regions of the world the nationally appropriate mitigation action nama roadmap development in thailand as well as the iskandar malaysia project show at the country and city level how researchers and policymakers are working closely to succeed part 3 focuses on a number of sector specific activities including transportation forestry capacity development and inventory work in asia rather than discussing the low carbon society lcs concept in detail the respective chapters highlight unique concrete and practically applicable examples from asia showing how asian countries are addressing climate change mitigation issues in a collaborative manner an approach that can be replicated in other regions while the ultimate goal of this book is to facilitate international climate regime making local government and international organizations united nations world bank and others officers researchers international ngo npos consultants students particularly those studying international relationships or environmental studies as well as reporters will find this book useful in broadening their understanding of low carbon development in asia

Personalized Medicine

2023-02-13

though the refugee crisis was discussed in many countries e g in greece hungary italy and spain long before 2015 it began to receive cross european press coverage only after angela merkel s statement wir schaffen das on the august 30th 2015 this data based study focuses on how journalists report on and leading politicians make statements about refugees migrants and asylum seekers in media and frame these humans after angela merkels sentence in 2015 until the end of 2017 this volume uses mainly corpus linguistics but also communicative science for the analysis of labelling strategies and the usage of words collocations and grammar systems used by journalists and politicians in different european countries in comparison this empirical volume pictures language specific variation and change of labels to enable a contrastive study between the press discourses of many european countries every chapter analyses the data consisting of newspaper articles describing the discourse of a particular country including discourses of some transit countries around the borders of the schengen area of the european union which barely have been covered in other studies

Enabling Asia to Stabilise the Climate

2015-04-14

this book offers a brand new point of view on immigration detention pursuing a multidisciplinary approach and presenting new reflections by internationally respected experts from academic and institutional backgrounds it offers an in depth perspective on the immigration framework together with the evolution of european and international political decisions on the management of immigration readers will be introduced to new international decisions on the protection of human rights together with international measures concerning the detention of immigrants in recent years international law and european law have converged to develop measures for combatting irregular immigration some of them include the criminalization of illegally entering a member state or illegally remaining there after legally entering though migration has become a great challenge for policymakers legislators and society as a whole we must never forget that migrants should enjoy the same human rights and legal protection as everyone else

The Representation of REFUGEES and MIGRANTS in European National Media Discourses from 2015 to 2017

2014-05-14

this book highlights what it takes to be successful in identifying and executing environmental responsibility from an operational perspective it provides cutting edge research from globally recognized field experts it is a useful resource for practitioners to explore why and how firms engage in environmentally responsible operations but also a valuable resource for academics as an introductory reference that provides direct exposure to key environmental operational problems faced by many firms today this book can also be used as an introductory reading for students with varying educational backgrounds from business school students interested in environmental issues to environmental scientists interested in obtaining a business perspective as it provides a broad scope of key issues at the interface of operations management and environmental and social responsibility environmentally responsible supply chains is structured in a modular fashion with each chapter introducing and analyzing a specific timely topic allowing readers to identify the chapters that relate to their interests more specifically the book distinguishes between two key drivers of environmental responsibility profit and regulatory compliance the book is divided into five sections the first three sections of the book explore profit driven environmental responsibility and provide examples as to where the motives for environmentally responsible business practices come from where business opportunities are and what operational perspectives are key to profitability the last two sections of the book focus on regulation as a driver of environmental responsibility and identify motives opportunities or operational perspectives as to effective regulatory compliance ultimately the book introduces the reader to the fundamentals of sustainable operations and highlights the latest research on the topic

Immigration Detention, Risk and Human Rights

2015-09-01

the third edition of this hands on textbook pursues the focus on the principles of wireless sensor networks wsns their applications their protocols and standards and their analysis and test tools a meticulous care has been accorded to the definitions and terminology to make wsns felt and seen the adopted technologies as well as their manufacturers are presented in detail in introductory computer networking books chapters sequencing follows the bottom up or top down architecture of the seven layers protocol this book is some more steps after both horizontally and vertically the view and understanding are getting clearer chapters ordering is based on topics significance to the elaboration of wireless sensor networks wsns concepts

and issues this book is intended for a wide audience it is meant to be help and motivate for both the senior undergraduates postgraduates researchers and practitioners concepts and wsns related applications are laid out research and practical issues are backed by appropriate literature and new trends are put under focus for senior undergraduate students it familiarizes with conceptual foundations applications and practical projects implementations for graduate students and researchers energy efficient routing protocols transport layer protocols and cross layering protocols approach are presented testbeds and simulators provide a must follow emphasis on the analysis methods and tools for wsns for practitioners besides applications and deployment the manufacturers and components of wsns at several platforms and testbeds are fully explored

Environmentally Responsible Supply Chains

2016-09-01

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

Concepts, Applications, Experimentation and Analysis of Wireless Sensor Networks

2015-10-09

cloud computing basics covers the main aspects of this fast moving technology so that both practitioners and students will be able to understand cloud computing the author highlights the key aspects of this technology that a potential user might want to investigate before deciding to adopt this service this book explains how cloud services can be used to augment existing services such as storage backup and recovery addressing the details on how cloud security works and what the users must be prepared for when they move their data to the cloud also this book discusses how businesses could prepare for compliance with the laws as well as industry standards such as the payment card industry

New Perspectives on Corporate Social Responsibility

2015-11-17

this contributed volume presents state of the art advances in logistics theory in various fields as well as case studies the book reports on a number of recently conducted studies in the dinalog and the effizienzcluster logistikruhr thus bridging the gap between different perspectives of theoretical and applied research a selection of theoretical topics practical examples case studies and project reports is presented in this volume the editors carefully selected contributions from a wide variety of projects which were carried out in both the dinalog cluster and the effizienzcluster logistikruhr the contributions are grouped in five main sections each representing key domains in the evolution of logistics and supply chain management sustainability urban logistics value chain management it based innovation knowledge management this book is intended for both researchers and practitioners in the field of logistics and supply chain management to serve as an important source of information for further research as well as to stimulate further innovation

Cloud Computing Basics

this book considers the effectiveness and fairness of using international cooperation to obtain confession evidence or evidence of a suspect or accused person s silence across borders this is a question of balance in limiting and protecting the right to silence the functioning of the applicable law in denmark england and wales and australia is analysed in relation to investigative and trial measures such as police questioning administrative questioning powers covert surveillance and the use of silence as evidence of guilt on the national level this work examines the way in which domestic rules balance the right to silence in national criminal proceedings and whether investigative and trial rules produce continuity throughout the criminal proceedings as a whole from the transnational perspective comparative legal analysis is used to determine whether the national continuity may be disrupted to such an extent that cooperation in the gathering of confession evidence causes unfairness from the international perspective this research compares the right to silence under the iccpr and the echr to identify the overall effect of cooperating under particular human rights frameworks on the question of balance

Logistics and Supply Chain Innovation

this book analyzes the role of energy in indian foreign policy particularly in defining bilateral relations it also focuses on

the critical gaps in conceptualizing its formulations and recommends a framework for sustainable energy security india the fourth largest consumer of oil is an energy deficit economy importing more than eighty percent of its needs this makes securing energy integral to its foreign policy goals obviously it is important for india to actively participate in the global energy market and establish robust enduring and nuanced diplomatic relations with energy exporting countries equally important is that india diversifies its energy mix and moves towards carbon free growth renewable energy is today high on the global energy agenda indian energy policy thus has to address a range of issues domestically and on foreign turf it has to move beyond the transactional mode by creating equity in the global energy industry today the global energy regime is undergoing fundamental changes as is the power dynamics of the global energy order there are now many new producers and diverse consumers the trade in energy has increased in volume and its direction has shifted from the west to the east and the ongoing structural changes in the energy market call for a new security architecture given the complex and competitive environment of the new geo economics and geopolitics of energy the question could well be should india frame energy issues in conflict mode or move toward innovative cooperation in either case the message is that india needs an integrated energy security policy

The Right to Silence in Transnational Criminal Proceedings

this book explores the reactions to europeanization and globalization in times of economic distress including the transformation of european values in national legal cultures the authors explore how european values tradition and new legal challenges interconnect and dictate the paths of transition between old and new europe the first chapter starts with a question can roman legal tradition play a role of identity factor towards a new europe can it be considered as a general value identifying new europe built on a minimum core of principles persona dominum obligation contract and inheritance composing the whole european private law tradition subsequent chapters attempt to provide possible responses to the question what is europe today the answers diverge depending on the research area the inherent dichotomy of human rights protection in europe and the concept of one law one court are investigated in the second chapter whereas the third chapter focuses on asylum and the interrelation and interdependence of the court of justice of the eu and the european court of human rights the next three chapters concentrate on matters of equal treatment and non discrimination the first contribution in this part reflects on the crisis and methodological and conceptual issues faced by modern anti discrimination law it is followed by a specific analysis of the empowerment of women or gender balancing in company boards the third contribution reveals the impact of the croatian anti discrimination law on private law relations the next chapter deals with the issue of social rights in croatia and the method of their regulation in the context of the new european values the immense challenges posed by the market integration imperative and democratic transition have brought about different reactions in the national legal systems and legal cultures of both old and new member states as such europe has effectively been reunited but what about the convergence of national legal

cultures this is the focal point of the remaining chapters which focus on various issues from internal market competition law consumer welfare liberalization of network industries to the eu capital market the magnitude of eu activity in these areas offers conclusive evidence that old and new paradigms are evolving and shaping the future of the eu

India's Emerging Energy Relations

New Europe - Old Values?

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