

This handbook provides an overview and synthesis of relevant literature related to leisure and recreation, and physical activity and its relationship to quality of life. Divided into two parts, the text presents the analysis of leisure and recreation studies and physical activities and sports, with diverse populations. The first part deals with leisure and recreation in relation to quality of life, with different perspectives on different age groups, ethnic groups, the approach of an Integrated Model of Leisure Well-being focusing on how leisure activities contribute to leisure well-being etc. The second part deals with physical activities and sports in relation to quality of life, discussing the consideration that "exercise is good for you", associating physical exercise with other conditions of life in society, its impact on people with disabilities, etc. It is of interest to researchers and students, legislators, educators, providers of leisure services.

The five-volume set IFIP AICT 630, 631, 632, 633, and 634 constitutes the refereed proceedings of the International IFIP WG 5.7 Conference on Advances in Production Management Systems, APMS 2021, held in Nantes, France, in September 2021.* The 378 papers presented were carefully reviewed and selected from 529 submissions. They discuss artificial intelligence techniques, decision aid and new and renewed paradigms for sustainable and resilient production systems at four-wall factory and value chain levels. The papers are organized in the following topical sections: Part I: artificial intelligence based optimization techniques for demand-driven manufacturing; hybrid approaches for production planning and scheduling; intelligent systems for manufacturing planning and control in the industry 4.0; learning and robust decision support systems for agile manufacturing environments; low-code and model-driven engineering for production systems; meta-heuristics and optimization techniques for energy-oriented manufacturing systems; metaheuristics for production systems; modern analytics and new AI-based smart techniques for replenishment and production planning under uncertainty; system identification for manufacturing control applications; and the future of lean thinking and practice Part II: digital transformation of SME manufacturers: the crucial role of standard; digital transformations towards supply chain resiliency; engineering of smart-product-service-systems of the future; lean and Six Sigma in services healthcare; new trends and challenges in reconfigurable, flexible or agile production system; production management in food supply chains; and sustainability in production planning and lot-sizing Part III: autonomous robots in delivery logistics; digital transformation approaches in production management; finance-driven supply chain; gastronomic service system design; modern scheduling and applications in industry 4.0; recent advances in sustainable manufacturing; regular session: green production and circularity concepts; regular session: improvement models and methods for green and innovative systems; regular session: supply chain and routing management; regular session: robotics and human aspects; regular session: classification and data management methods; smart supply chain and production in society 5.0 era; and supply chain risk management under coronavirus Part IV: AI for resilience in global supply chain networks in the context of pandemic disruptions; blockchain in the operations and supply chain management; data-based services as key enablers for smart products, manufacturing and assembly; data-driven methods for supply chain optimization; digital twins based on systems engineering and simulation in companies' first developments and future challenges; human-centered artificial intelligence in smart manufacturing for the operator 4.0; operations management in engineer-to-order manufacturing; product and asset life cycle management for smart and sustainable manufacturing systems; robotics technologies for control, smart manufacturing and logistics; serious games analytics: improving games and learning support; smart and sustainable production and supply chains; smart methods and techniques for sustainable supply chain management; the new digital lean manufacturing paradigm; and the role of emerging technologies in disaster relief operations: lessons from COVID-19 Part V: data-driven platforms and applications in production and logistics; digital twins and AI for sustainability; regular session: new approaches for routing problem solving; regular session: improvement of design and operation of manufacturing systems; regular session: crossdock and transportation issues; regular session: maintenance improvement and lifecycle management; regular session: additive manufacturing and mass customization; regular session: frameworks and conceptual modelling for systems and services efficiency; regular session: optimization of production and transportation systems; regular session: optimization of supply chain agility and reconfigurability; regular session: advanced modelling approaches; regular session: simulation and optimization of systems performances; regular session: AI-based approaches for quality and performance improvement of production systems; and regular session: risk and performance management of supply chains *The conference was held online.

Indigeneity in Latin American Cinema explores how contemporary films (2000-2020) participate in the evolution and circulation of images and sounds that in many ways define how indigenous communities are imagined, at a local, regional and global scale. The volume reviews the diversity of portrayals from a chronological, geopolitical, linguistic, epistemic-ontological, transnational and intersectional, paradigm-changing and self-representational perspective, allocating one chapter to each theme. The corpus of this study consists of 68 fictional features directed by non-indigenous filmmakers, 31 cinematic works produced by indigenous directors/communities, and 22 Cine Regional (Regional Cinema) films. The book also draws upon a significant number of engravings, drawings, paintings, photographs and films, produced between 1493 and 2000, as primary sources for the historical review of the visual representations of indigeneity. Through content and close (textual) analysis, interviews with audiences, surveys and social media posts analysis, the author looks at the contexts in which Latin American films circulate in international festivals and the paradigm shifts introduced by self-representational cinema and Roma (Mexico, 2018), the author presents the foundations of his theory of indigeneity, a theory that explains how overtly historicist practices play a significant role in depictions of an imagined indigenous Other in recent films. This book aims to provide the reader with an insight into the relevance of a section of the economy, which is often referred to as the 'social and solidarity economy' (SSE); and highlight some of the current issues in the field, how they are being addressed and some of their future implications. Using case studies from around the world, this book 'Social and Solidarity Economy: The World's Economy With a Social Face' provides an up-to-date account of the strengths and weaknesses of these initiatives across four continents including issues that have not been researched sufficiently before (e.g. circular economy, social propaganda and its dangers, social enterprise as a panacea for NGOs in developing countries, and 'new' social movements). There is growing interest in SSE initiatives among policymakers, foundations, researchers and academic institutions around the world. Despite this interest, SSE related research remains scarce. There are concerned that SSE initiatives, which contribute significantly to their local communities' development, need to be more widely disseminated amongst the general public. The Social and Solidarity Economy: The World's Economy With a Social Face will help promote the ground-breaking work being done by organisations and individuals but which remain undocumented and help to raise awareness of such initiatives as well as contribute to academia with a critical approach to the sector covering issues that have not been covered much before, such as the circular economy and the dangers of social propaganda. Aimed at researchers, academics and policy makers in the fields of Social Enterprise, CSR, Tourism, International Economics as well as supporting disciplines 'Social and Solidarity Economy: The World's Economy With a Social Face' looks to establish and help define the field.

Social Belongingness and Well-Being: International Perspectives

Insights on Antimicrobial Peptides

Local On: 100 Most Popular American 3D Films

Achievements and Controversies

Different Expressions of Social Vulnerability

The World's Economy with a Social Face

Costa Rican Ecosystems

Tourism can take many different forms and types but increasingly it is viewed as one of the most innovative industries. This book showcases the innovations in tourism through a creativity, sustainability and technology perspective. Tourism Innovation: Technology, Sustainability and Creativity addresses the growing use and importance of tourism innovation in society. Readers of this book will gain a global perspective on how the tourism industry is changing and taking advantage of emerging technologies, which will help them to foresee potential changes in the industry and plan for the future. Tourism innovation is defined as innovating in a cost-efficient manner by taking into account the available resources. Most of the focus on tourism innovation has been on developing countries but it is also used by companies in other locations. This book explores the way in which tourism innovation differs from other types of innovation and offers a creative solution to issues about sustainability and the circular economy. In this vein, it includes chapters addressing issues related to the following but not limited subjects: co-creation in innovation, social issues in innovation, leadership and innovation, forms of innovation, government innovation and innovation research. This book is suitable for tourism industry professionals, researchers and policy experts who are interested in how innovation is embedded in the tourism industry.

Diabetes is a complex, progressive disease, which is accompanied by several complications. It is listed among the most common endocrine disorders and a global metabolic epidemic disease. This book focuses on the recent progress in diabetes research worldwide. It has been written by extensively acknowledged experts, with each chapter providing a unique data on developing features of diabetes. It covers the interactions between diabetes and several disorders. Also, it suggests some treatments for this disease offering us hope in prevention and successful improvement.

The increasing demand for electronic devices for private and industrial purposes lead designers and researchers to explore new electronic devices and circuits that can perform several tasks efficiently with low IC area and low power consumption. In addition, the increasing demand for portable devices intensifies the call from industry to design sensor elements, an efficient storage cell, and large capacity memory elements. Several industry-related issues have also forced a redesign of basic electronic components for certain specific applications. The researchers, designers, and students working in the area of electronic devices, circuits, and materials sometimes need standard examples with certain specifications. This breakthrough work presents this knowledge of standard electronic device and circuit design analysis, including advanced technologies and materials. This outstanding new volume presents the basic concepts and fundamentals behind devices, circuits, and systems. It is a valuable reference for the veteran engineer and a learning tool for the student, the practicing engineer, or an engineer from another field crossing over into electrical engineering. It is a must-have for any library.

Qualitative research design is continually evolving. It is not only more established in disciplines beyond the traditional social sciences in which it is a standard choice, but also just as impacted by the changes in what data, technologies, and approaches researchers are using. This Handbook takes readers through the foundational theories, functions, strategies, and approaches to qualitative research design, before showcasing how it negotiates different data and research environments and produces credible, actionable impact beyond the study. Containing contributions from over 90 top scholars from a range of social science disciplines, this Handbook is not just an anthology of different qualitative research designs and how/when to use them; it is a complete exploration of how and why these designs are shaped and how, why, and into what they are evolving. This is a valuable resource for Master's and PhD level students, faculty members, and researchers across a wide range of disciplines such as health, nursing, psychology, social work, sociology, and education. Volume One: Part 1: Concepts of Designing Designs in Qualitative Research Part 2: Theories and Epistemological Contexts of Designing Qualitative Research Part 3: Elements of Designing Qualitative Research Part 4: Basic Designs and Research Strategies in Qualitative Research Part 5: Mixing Methods in Designing Qualitative Research Volume Two: Part 6: Designing Qualitative Research for Specific Kinds of Data Part 7: Designing Qualitative Online and Multimodal Research Part 8: Designing Qualitative Research for Specific Groups and Areas Part 9: Designing Qualitative Research in Disciplinary Fields Part 10: Designing Qualitative Research for Impact

Blended Learning: Convergence between Technology and Pedagogy

20th International Conference on Intelligent Systems Design and Applications (ISDA 2020) held December 12-15, 2020

Intelligent Systems Design and Applications

Management and Conservation

Concepts, Issues & Implications

Advances in Core Computer Science-Based Technologies

Microbiome-Host Interactions

Education is increasingly being involved with technological resources in order to meet the needs of emerging generations, consequently changing the way people teach and learn. Game-based learning is a growing aspect of pedagogical practice, and it is important to disseminate research trends and innovations in this field. The Handbook of Research on Immersive Digital Games in Educational Environments provides emerging research exploring the theoretical and practical aspects of digital games and technological resources and applications within contemporary education. Featuring coverage on a broad range of topics such as digital integration, educational simulation, and learning theories, this book is ideally designed for teachers, pre-service teachers, students, educational researchers, and education software developers seeking current research on diverse immersive platforms and three-dimensional environments that support the creation of digital games and other applications to improve teaching and learning processes.

In the last decade, the use of data sciences in the digital marketing environment has increased. Digital marketing has transformed how companies communicate with their customers around the world. The increase in the use of social networks and how users communicate with companies on the Internet has given rise to new business models based on the bidirectionality of communication between companies and internet users. Digital marketing, new business models, data-driven approaches, online advertising campaigns, and other digital strategies have gathered user opinions and comments through this new online channel. In this way, companies are beginning to see the digital ecosystem as not only the present but also the future. However, despite these advances, relevant evidence on the measures to improve the management of data sciences in digital marketing remains scarce. Advanced Digital Marketing Strategies in a Data-Driven Era contains high-quality research that presents a holistic overview of the main applications of data sciences to digital marketing and generates insights related to the creation of innovative data mining and knowledge discovery techniques applied to traditional and digital marketing strategies. The book analyzes how companies are adopting these new data-driven methods and how these strategies influence digital marketing. Discussing topics such as digital strategies, social media marketing, big data, marketing analytics, and data sciences, this book is essential for marketers, digital marketers, advertisers, brand managers, managers, executives, social media analysts, IT specialists, data scientists, students, researchers, and academicians in the field.

The book "Grapes and Wines: Advances in Production, Processing, Analysis, and Valorization" intends to provide to the reader a comprehensive overview of the current state-of-the-art and different perspectives regarding the most recent knowledge related to grape and wine production. Thus, this book is composed of three different general sections: (1) Viticulture and Environmental Conditions, (2) Wine Production and Characterization, and (3) Economic Analysis and Valorization of Wine Products. Inside these 3 general sections, 16 different chapters provide current research on different topics of recent advances on production, processing, analysis, and valorization of grapes and wines. All chapters are written by a group of international researchers, in order to provide up-to-date reviews, overviews, and summaries of current research on the different dimensions of grape and wine production. This book is not only intended for technicians actively engaged in the field but also for students attending technical schools and/or universities and other professionals that might be interested in reading and learning about some fascinating areas of grape and wine research.

The rapid fragmentation and habitat change in natural environments have created a need for management and conservation, which will ensure areas are protected from anthropogenic interference. These protected areas are necessary to provide adequate location for biodiversity conservation, environmental monitoring, and scientific research where a complete understanding of the natural process and full protection of ecosystems can be attained. This book highlights various approaches for managing and conserving protected areas in temperate and tropical regions to respond to some pressing global challenges today. It is divided into five main sections, viz. protected area management, fish and wildlife conservation, biodiversity conservation, ecotourism and recreation, and local community participation. The book enhances the understanding of the important roles national parks play in the environment and society.

Diabetes and Its Complications

Electrical and Electronic Devices, Circuits, and Materials

Moschella and Hurley's Dermatology

A Critical Analysis of Measuring Instruments

The School-Based Vocational Education and Training System in Spain

Technological Challenges and Solutions

Japanese Direct Investment in Mexico's Transport Equipment Sector

Empowerment, Transparency, Technological Readiness and their Influence on Financial Performance, from a Latin American Perspective showcases in-depth analysis, allowing companies to obtain information for a broader vision to help make decisions about intervention, market performance and strategy development possibilities. This book focuses on essential aspects of the theoretical foundations that support blended learning (BL) as a teaching training modality in tertiary education. Analyzing the changes in the world of education that lead to new ways of thinking and learning, it redefines the concept of blended learning at a time of constant growth in many areas.

reflection on the role of technology in the current university teacher education programs, as well as on the role that pedagogy plays in increasingly technology-driven contexts. Furthermore, the book presents pedagogical approaches to guide university professors in the design and implementation of blended learning courses. To this end, it offers a BL instructional design, and examines issues related to the quality of BL training and the indicators to measure it, in order to identify those models that contribute to a better understanding of the dimensions that increase its effectiveness.

Does human rights law work? This book engages in this heated debate through a detailed analysis of thirty years of the right to health - perhaps the most complex human right - in Brazil. Are Brazilians better off three decades after the enactment of the right to health in the 1988 Constitution? Has the flurry of litigation experienced in Brazil offers an in-depth analysis of these complex and controversial questions grounded on a wealth of empirical data. The book covers the history of the recognition of health as a human right in the 1988 Constitution through the Sanitary Movement's campaign and the subsequent three decades of what Ferraz calls the politics and judicialization of health.

and sceptics of human rights law and will be of interest to those looking for a more nuanced analysis.

The contributors to Captivating Technology examine how carceral technologies such as electronic ankle monitors and predictive-policing algorithms are being deployed to classify and coerce specific populations and whether these innovations can be appropriated and reimagined for more liberatory ends.

Indigeneity in Latin American Cinema

Handbook of Research on Immersive Digital Games in Educational Environments

Advanced Digital Marketing Strategies in a Data-Driven Era

Race, Carceral Technoscience, and Liberatory Imagination in Everyday Life

Making It Heard

Papers in Honor of Professor Nikolaos Alexandris

Macro Impact and Local Responses

Microbiota are a promising and fascinating subject in biology because they integrate the microbial communities in humans, animals, plants, and the environment. In humans, microbiota are associated with the gut, skin, and genital, oral, and respiratory organs. The plant microbial community is referred to as "holobiont," and it is influential in the maintenance and health of plants, which themselves play a role in animal health and the environment. The contents of Microbiome-Host Interactions cover all areas as well as new research trends in the fields of plant, animal, human, and environmental microbiome interactions. The book covers microbiota in polar soil environments, in health and disease, in Caenorhabditis elegans, and in agroecosystems, as well as in rice root and actinorhizal root nodules, speleothems, and marine shallow-water hydrothermal vents. Moreover, this book provides comprehensive accounts of advanced next-generation DNA sequencing, metagenomic techniques, high-throughput 16S rRNA sequencing, and understanding nucleic acid sequence data from fungal, algal, viral, bacterial, cyanobacterial, actinobacterial, and archaeal communities using QIIME software (Quantitative Insights into Microbial Ecology). FEATURES Summarizes recent insight in microbiota and host interactions in distinct habitats, including Antarctic, hydrothermal vents, speleothems, oral, skin, gut, feces, reproductive tract, soil, root, root nodules, forests, and more. Illustrates the high-throughput amplicon sequencing, computational techniques involved in the microbiota analysis, downstream analysis and visualization, and multivariate analysis commonly used for microbiome analysis Describes probiotics and prebiotics in the composition of the gut microbiota, skin microbiome impact in dermatologic disease prevention, and microbial communities in the reproductive tract of humans and animals Presents information in a reachable way for students, teachers, researchers, microbiologists, computational biologists, and other professionals who are interested in strengthening or enlarging their knowledge about microbiome analysis with next-generation DNA sequencing in the different branches of the sciences

This book highlights recent research on intelligent systems and nature-inspired computing. It presents 130 selected papers from the 19th International Conference on Intelligent Systems Design and Applications (ISDA 2020), which was held online. The ISDA is a premier conference in the field of computational intelligence, and the latest installment brought together researchers, engineers and practitioners whose work involves intelligent systems and their applications in industry. Including contributions by authors from 40 countries, the book offers a valuable reference guide for all researchers, students and practitioners in the fields of Computer Science and Engineering. This Handbook offers an up-to-date and comprehensive overview of core themes and concepts in community-based tourism management. Providing interdisciplinary insights from leading international scholars, this is the first book to critically examine the current status of community-based tourism. Organised into five parts, the Handbook provides cutting-edge perspectives on issues such as Indigenous communities, tourism and the environment, sustainability, and the impact of digital communities. Part 1 introduces core concepts and methodologies, and distinguishes community products from other tourism and hospitality goods. Part 2 explores communities' attitudes towards tourism development and their engagement with and ownership of the process. It also delves into the role of community-based tourism, under the influence of governmental policies, in the economic and social development of a region. In Part 3 various management, marketing, and branding initiatives are identified as a means of expanding the tourism business. Part 4 examines the negative impacts of mass tourism and its threats to culture, tradition, identity, the built environment, and natural heritage. In the final and fifth part, future challenges and opportunities for community-based tourism initiatives are considered, and research-based sustainable solutions are proposed. Overall, the book considers engaging local populations in tourism development as a way of bringing stronger and more resilient communities. This Handbook fills a void in the current research and thus will appeal to scholars, students, and practitioners interested in tourism management, tourism management, tourism geography, business studies, development policy and practice, regional development, conservation, and sustainability. Assessment of natural contexts through observation is unquestionably complex. Systematic observation grounded in observational methodology offers a wide range of possibilities to the rigorous study of everyday behavior in their natural context. These possibilities have been enriched in recent decades with the explosion of information and communication technologies. In this eBook we assemble 23 articles from several researchers who have made important contributions to this evolving field. The articles included in this eBook has been organized with a first part on general methodological developments and a second part with methodological contributions that emphasize different application areas. Considering the enormous possibilities of the systematic observation in the study of daily life, we hope this eBook will be useful to understand innovative applications in different fields.

Proceedings of the AHFE 2021 Virtual Conferences on Human Factors in Software and Systems Engineering, Artificial Intelligence and Social Computing, and Energy, July 25-29, 2021, USA

Technology, Information and Power

From Online Platforms to Digital Monopolies

The SAGE Handbook of Qualitative Research Design

National Parks

Handbook of Leisure, Physical Activity, Sports, Recreation and Quality of Life

Advances in Production Management Systems, Artificial Intelligence for Sustainable and Resilient Production Systems

Attention deficit hyperactivity disorder (ADHD) is one of the most common mental disorders affecting children and adolescents. The condition is characterized by a persistent pattern of behavioural symptoms including inattentiveness, hyperactivity, and impulsiveness associated with substantial impairment in social, academic, and/or occupational functioning. Clinical and research interest in the topic of ADHD has grown substantially in recent years but, despite this, there is still a lack of up-to-date reference texts devoted to the diagnosis, assessment, and management of patients with these conditions. Part of the Oxford Textbooks in Psychiatry series, the Oxford Textbook of Attention Deficit Hyperactivity Disorder attempts to bridge this gap by providing an authoritative, multi-disciplinary guide to the latest research developments in the diagnosis, assessment, and management of patients with ADHD. Organized into eight key sections, this textbook covers the aetiology, pathophysiology, epidemiology, clinical presentation, co-morbidity, clinical assessment, and clinical management of ADHD. Individual chapters address key topics such as the clinical assessment of ADHD in adults, and contain information on best practice, current diagnostic guidelines including DSM-5 and ICD-11, and key up-to-date references for further reading. Edited and written by an international group of recognized experts, the Oxford Textbook of Attention Deficit Hyperactivity Disorder is a comprehensive resource suitable for child and adolescent psychiatrists, adult psychiatrists, and psychiatric trainees, as well as child psychologists, paediatricians, psychiatric nurses, and other mental health care professionals.

El presente análisis bibliométrico que desarrolla el librestad dirigido a los actores de Ciencia, Tecnología e Innovación y tiene como propósito brindar información de la actividad científica para apoyar el diseño, seguimiento y evaluación de estrategias, programas, instrumentos y acciones específicas en la formulación y ejecución de proyectos relacionados con educación, cultura y sociedad

In the more than thirty years since the publication of Daniel H. Janzen's classic Costa Rican Natural History, research in this small but astonishingly biodiverse, well-preserved, and well-studied Latin American nation has evolved from a species-level approach to the study of entire ecosystems. And from the lowland dry forests of Guanacaste to the montane cloud forests of Monteverde, from the seasonal forests of the Central Valley to the coastal species assemblages of Tortuguero, Costa Rica has proven to be as richly diverse in ecosystems as it is in species. In Costa Rican Ecosystems, Maarten Kappelle brings together a collection of the world's foremost experts on Costa Rican ecology—outstanding scientists such as Daniel H. Janzen, Jorge Cortés, Jorge A. Jiménez, Sally P. Horn, Robert O. Lawton, Quirico Jiménez M., Carlos Manuel Rodríguez, Catherine M. Pringle, and Eduardo Carrillo J., among others—to offer the first comprehensive account of the diversity, structure, function, uses, and conservation of Costa Rica's ecosystems. Featuring a foreword and introductory remarks by two renowned leaders in biodiversity science and ecological conservation, Thomas E. Lovejoy and Rodrigo Gámez Lobo, in addition to chapters highlighting the geology, soils, and climate of Costa Rica, as well as the ecosystems of its terrestrial, freshwater, and marine habitats, and including previously unpublished information on Isla del Coco, this beautiful color-illustrated book will be an essential reference for academic scientists, students, natural history clubs, conservationists, educators, park guards, and visitors alike.

This book examines the criminalisation of denials of genocide and of other mass atrocities in Europe and discusses the implications of protecting institutional historical memory through criminal law. The analysis highlights the tensions with free speech, investigating the relationship between criminal law and historical memory. The book paves the way for a broader discussion about fake news, "post-truth" scenarios, and free expression in a digital world. The author underscores the need to protect well-founded factual records from the dangers of misinformation. Historical denialism and the related jurisprudence represent a key step in exploring this complex field. The book combines an interdisciplinary approach with criminal law methodology. It is primarily aimed at academics, practitioners and others who wish to deepen their understanding of historical denialism, remembrance laws, 'speech crimes' and freedom of expression. Emanuela Fronza is Senior Research Fellow in Criminal Law and Lecturer in International and European Criminal Law at the School of Law, University of Bologna. She is a Principal Investigator within the EU research consortium Memory Laws in European and Comparative Perspectives funded by HERA (Humanities in the European Research Area).

IFIP WG 5.7 International Conference, APMS 2021, Nantes, France, September 5–9, 2021, Proceedings, Part II

Technology, Sustainability and Creativity

A Sector Study

Advances in Artificial Intelligence, Software and Systems Engineering

Applied Computer Sciences in Engineering

Advances in Production, Processing, Analysis and Valorization

Smart Marketing With the Internet of Things

This book shows how the adoption of the neoliberal development model has increased the social vulnerability to disasters, with a special focus on Mexico, a country which once was the role model of the neoliberal turn in Latin America. It brings together 12 case studies of disasters such as floods, earthquakes and volcanic emergencies, in both urban and rural areas, to show how neoliberal development projects and changes in legislation affected disaster prevention and management in different parts of the country. The case studies from Mexico are complemented by two comparative studies which analyze the impacts of neoliberalism in disaster prevention and management in Mexico, Brazil, United States and Italy. Disasters and Neoliberalism: Different Expressions of Social Vulnerability presents a unique contribution to the interdisciplinary field of disaster research by presenting qualitative studies of disaster vulnerability from the perspective of scholars from the Global South, bringing a fresh and critical approach to English speaking social sciences qualitative researchers working on disaster risks in a number of fields, such as geography, anthropology, sociology, political science and environmental studies.

The internet of things (IoT) enhances customer experience, increases the amount of data gained through connected devices, and widens the scope of analytics. This provides a range of exciting marketing possibilities such as selling existing products and services more effectively, delivering truly personalized customer experiences, and potentially creating new products and services. Smart Marketing With the Internet of Things is an essential reference source that discusses the use of the internet of things in marketing, as well as its importance in enhancing the customer experience. Featuring research on topics such as augmented reality, sensor networks, and wearable technology, this book is ideally designed for business professionals, marketing managers, marketing strategists, academicians, researchers, and graduate-level students seeking coverage on the use of IoT in enhancing customer marketing outcomes.

This book introduces readers to some of the most significant advances in core computer science-based technologies. At the dawn of the 4th Industrial Revolution, the field of computer science-based technologies is growing continuously and rapidly, and is developing both in itself and in terms of its applications in many other disciplines. Written by leading experts and consisting of 18 chapters, the book is divided into seven parts: (1) Computer Science-based Technologies in Education, (2) Computer Science-based Technologies in Risk Assessment and Readiness, (3) Computer Science-based Technologies in IoT, Blockchain and Electronic Money, (4) Computer Science-based Technologies in Mobile Computing, (5) Computer Science-based Technologies in Scheduling and Transportation, (6) Computer Science-based Technologies in Medicine and Biology, and (7) Theoretical Advances in Computer Science with Significant Potential Applications in Technology. Featuring an extensive list of bibliographic references at the end of each chapter to help readers probe further into the application areas of interest to them, this book is intended for professors, researchers, scientists, engineers and students in computer science-related disciplines. It is also useful for those from other disciplines wanting to become well versed in some of the latest computer science-based technologies.

Modern medicine is impossible without antibiotics, but global antibiotic usage has led to the development of increasing numbers of multi-drug resistant (MDR) bacteria. Thus, we still have problems with infectious disease treatment despite an arsenal of antibiotics. This has forced researchers to develop new drugs that will be effective against resistant bacteria. Some of these prospective molecules are antimicrobial peptides (AMPs), which are an important component of the innate immune system of various organisms in nature. Currently, more than 3,000 AMPs have been reported with different activities against different bacterial species including resistant phenotype bacteria. AMPs display remarkable structural and functional diversity that is not completely understood. As such, this book presents a comprehensive overview of AMPs and their mechanism of action against MDR bacteria.

The Routledge Handbook of Community Based Tourism Management

Tourism Innovation

Historical Denialism, Free Speech and the Limits of Criminal Law

The Politics and Judicialisation of Health in Brazil

Oxford Textbook of Attention Deficit Hyperactivity Disorder

Scale Development and Score Validation

Assessing Organizational Behaviors

This book discusses the developments in policy and practice in the field of formal, non-formal and continuing vocational education and training in Spain since 1970. It describes how VET has been transformed and become one of the country's main areas of pedagogical innovation, and also examines current developments, such as the role of non-formal vocational education and training, the accreditation of vocational qualifications acquired in the non-formal system, and the adoption of dual apprenticeships that bear little resemblance to central European dual systems. Written by respected researchers in these fields, the first part introduces an analytical, offering a description of the system and comments based on literature and research. The second part illustrates the research on relevant issues, paying special attention to data from different regions in Spain, as well as nationwide data. Explaining and interpreting data on the basis of the authors' different theoretical frameworks, the book provides a comprehensive, updated and accurate overview of VET and relevant research in Spain, as well as their relation to European and global developments. Refazenda connects a remarkable album by one of the 20th and 21st centuries' great musicians to a dazzling, often unexpected, array of people and places spread across the globe from Brazil to England to Chile to Japan. Critics and fans often project (or impose) desires and interpretations onto Gil that don't seem to fit. This book explores why familiar political and musical categories so often fall flat and explains why serendipity may instead be the best way to approach this mercurial album and the unrepeatable artist who created it. Based on years of listening to, studying, and teaching about Gil, and the author's own encounters with the album around the world, this book argues that Refazenda does, in fact, contain radical messages, though they rarely appear in the form, shape, or places that we might expect. The book also includes the first English-language translations of the album's lyrics, never-discussed-before 1970s Japanese liner notes, and a recounting of a forgotten moment when censors detained Gil during the album's debut tour. 33 1/3 Global, a series related to but independent from 33 1/3, takes the format of the original series of short, music-based books and brings the focus to music throughout the world. With initial volumes focusing on jazz and blues music, the series will also include volumes on the popular music of Australia/Oceania, Europe, Africa, the Middle East, and more.

This book introduces an interdisciplinary approach to the study of Japanese foreign direct investment determinants, the close relations between foreign investment and trade flows in the host country, and the effects and responses by the local economy. It provides an accessible and comprehensive view of the overall macro impacts and local effects associated with the increasing flow of Japanese firms to Mexico's automotive industry. The research and its outcomes presented here follow extensive fieldwork and use unique statistical datasets to integrate qualitative and quantitative approaches to the analysis. Carefully chosen case studies produce an integrated approach to the subject. As a result, the book fills a vacuum on this topic and provides readers with a clear understanding of the complex interactions among participating actors: Japanese multinationals and Japanese parts-and-components suppliers, Mexican local suppliers, government at the national and local levels, and cooperating Japanese agencies. By critically assessing current theories and empirical methodologies the monograph covers aspects related to the creation of regional production networks and their impact on trade patterns of the recipient country, location determinants of Japanese foreign investment, and spillover externalities in host entities. It presents the reader with a comprehensive view of the different levels of interaction between multinational firms, local recipient economies, and local suppliers and the challenges they face to engage in global chains of production. The book is highly recommended for their students who seek to understand the complex international economic relations in the global economy. This compilation also serves as a valuable guide to policy makers, both at national and local levels, as it provides an informed analysis of how to engage local suppliers in regional and global production chains.

In From Online Platforms to Digital Monopolies: Technology, Information and Power, Jonas C. I. Valente discusses the rise of platforms as key players in defersments social activities, from economy to culture and politics and how they are becoming digital monopolies.

Disasters and Neoliberalism

Captivating Technology

Memory and Punishment

Health as a Human Right

Empowerment, Transparency, Technological Readiness and their Influence on Financial Performance, from a Latin American Perspective

4th Workshop on Engineering Applications, WEA 2017, Cartagena, Colombia, September 27–29, 2017, Proceedings

Social and Solidarity Economy

This book constitutes the refereed proceedings of the Forth Workshop on Engineering Applications, WEA 2017, held in Cartagena, Colombia, in September 2017. The 59 revised full papers presented were carefully reviewed and selected from 156 submissions. The papers are organized in topical sections such as computerscience; computational intelligence; simulation systems; internet of things; fuzzy sets and systems; power systems; logistics and operations management; miscellaneous applications.

This book addresses emerging issues concerning the integration of artificial intelligence systems in our daily lives. It focuses on the cognitive, visual, social and analytical aspects of computing and intelligent technologies, and highlights ways to improve the acceptance, effectiveness, and efficiency of said technologies. Topics such as responsibility, integration and training are discussed throughout. The book also reports on the latest advances in systems engineering, with a focus on societal challenges and next-generation systems and applications for meeting them. Further, it covers some cutting-edge issues in energy, including intelligent control systems for power plant, and technology acceptance models. Based on the AHFE 2021 Conferences on Human Factors in Software and Systems Engineering, Artificial Intelligence and Social Computing, and Energy, held virtually on 25-29 July, 2021, from USA, this book provides readers with extensive information on current research and future challenges in these fields, together with practical insights into the development of innovative services for various purposes.

From the mid-20th century to present, the Brazilian art, literature, and music scene have been witness to a wealth of creative approaches involving sound. This is the backdrop for Making It Heard: A History of Brazilian Sound Art, a volume that offers an overview of local artists working with performance, experimental vinyl production, sound installation, sculpture, mail art, field recording, and sound mapping. It criticizes universal approaches to art and music historiography that fail to recognize local idiosyncrasies, and creates a local rationale and discourse. Through this approach, Chaves and Iazzetta enable students, researchers, and artists to discover and acknowledge work produced outside of a standard Anglo-European framework.

Educación, Cultura y Sociedad: Una mirada desde la producción científica

Gilberto Gil's Refazenda

Systematic Observation: Engaging Researchers in the Study of Daily Life as It Is Lived

Grapes and Wines

A History of Brazilian Sound Art