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This volume is the first centralized source of technological and policy solutions for sustainable agriculture and food systems resilience in the face of climate change. The editors have compiled a comprehensive collection of the latest tested, replicable green technologies and approaches for food security, including smart crops and new agricultural paradigms, sustainable natural resources management, and strategies for risk assessment and governance. Studies from resource-constrained countries with vulnerable populations are emphasized, with contributions on multisector partnership from development professionals. Debates concerning access to climate-smart technologies, intellectual property rights, and international negotiations on technology transfer are also included. The editors are, respectively, a public health physician, a development professional and an environmental scientist. They bring their varied perspectives together to curate a holistic volume that will be useful for policy makers, scientists, community-based organizations, international organizations and researchers across the world.

This book constitutes the thoroughly refereed proceedings of the 8th International Workshop on Computational Processing of the Portuguese Language, PROPOR 2012, held in Coimbra, Portugal in April 2012. The 24 revised full papers and 23 revised short papers presented were carefully reviewed and selected from 86 submissions. These papers cover the areas related to phonology, morphology and POS-Tagging, acquisition, language resources, linguistic description, syntax and parsing, semantics, opinion analysis, natural language processing applications, speech production and phonetics, speech resources, speech processing and

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applications.

Now in its seventh edition, Financial Management is the leading text on the theory and application of corporate finance in southern Africa. Set against the backdrop of the world economy, financial crisis, and subsequent developments in financial markets, this new edition makes reference to real-world applications and financial decisions undertaken by South African companies. The seventh edition contains an expanded focus on corporate strategy and financial risk management, and also incorporates all the relevant legislation that affects corporate finance, corporate governance, capital markets, and tax legislation. Additional new topics include: the role of hedge funds, CFDs, the use of put-call parity, behavioral finance, currency swaps, and the application of Section 24J in determining the cost of capital. Many chapters have references to Warren Buffet's views on each topic.

Freedom in the World, the Freedom House flagship survey whose findings have been published annually since 1972, is the standard-setting comparative assessment of global political rights and civil liberties. The survey ratings and narrative reports on 194 countries and 14 territories are used by policymakers, the media, international corporations, civic activists, and human rights defenders to monitor trends in democracy and track improvements and setbacks in freedom worldwide.

This book is widely used in introductory and intermediate corporate finance courses. This sixth edition offers an increased focus on questions and solutions. A greater number of questions have been inserted at the introductory and intermediate levels, and the Financial Management link on the website www.jutaacademic.co.za will offer additional questions and solutions. Recent examination questions from Part 1 and Part II of the Qualifying Examination have been

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included, as well as questions from the professional examinations set by ACCA and CIMA. Real-world applications of corporate finance theory and new developments are included to ensure that the textbook retains its relevance.

Women, Business and the Law 2021 is the seventh in a series of annual studies measuring the laws and regulations that affect women's economic opportunity in 190 economies. The project presents eight indicators structured around women's interactions with the law as they move through their lives and careers: Mobility, Workplace, Pay, Marriage, Parenthood, Entrepreneurship, Assets, and Pension. This year's report updates all indicators as of October 1, 2020 and builds evidence of the links between legal gender equality and women's economic inclusion. By examining the economic decisions women make throughout their working lives, as well as the pace of reform over the past 50 years, Women, Business and the Law 2021 makes an important contribution to research and policy discussions about the state of women's economic empowerment. Prepared during a global pandemic that threatens progress toward gender equality, this edition also includes important findings on government responses to COVID-19 and pilot research related to childcare and women's access to justice.

This book features a collection of high-quality research papers presented at the International Conference on Tourism, Technology & Systems (ICOTTS 2020), held at the University of Cartagena, in Cartagena de Indias, Colombia, from 29th to 31st October 2020. The book is divided into two volumes, and it covers the areas of technology in tourism and the tourist experience, generations and technology in tourism, digital marketing applied to tourism and travel, mobile technologies applied to sustainable tourism, information technologies in tourism, digital transformation of tourism business, e-tourism

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and tourism 2.0, big data and management for travel and tourism, geotagging and tourist mobility, smart destinations, robotics in tourism, and information systems and technologies.

First published in 1996, this volume has been substantially updated to reflect new research in the conservation of stone monuments, sculpture, and archaeological sites.

Knowledge of the pragmatics analyses pragmatic normative literature in colonial Ibero-America. It explores the circulation and the functions of these media in the Iberian peninsula, New Spain, Peru, New Granada and Brazil.

Since the 1990s, critics and curators have broadly accepted the notion that participatory art is the ultimate political art: that by encouraging an audience to take part an artist can promote new emancipatory social relations. Around the world, the champions of this form of expression are numerous, ranging from art historians such as Grant Kester, curators such as Nicolas Bourriaud and Nato Thompson, to performance theorists such as Shannon Jackson. *Artificial Hells* is the first historical and theoretical overview of socially engaged participatory art, known in the US as “social practice.” Claire Bishop follows the trajectory of twentieth-century art and examines key moments in the development of a participatory aesthetic. This itinerary takes in Futurism and Dada; the Situationist International; Happenings in Eastern Europe, Argentina and Paris; the 1970s Community Arts Movement; and the Artists Placement Group. It concludes with a discussion of long-term

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educational projects by contemporary artists such as Thomas Hirschhorn, Tania Bruguera, Paweł Althamer and Paul Chan. Since her controversial essay in *Artforum* in 2006, Claire Bishop has been one of the few to challenge the political and aesthetic ambitions of participatory art. In *Artificial Hells*, she not only scrutinizes the emancipatory claims made for these projects, but also provides an alternative to the ethical (rather than artistic) criteria invited by such artworks. *Artificial Hells* calls for a less prescriptive approach to art and politics, and for more compelling, troubling and bolder forms of participatory art and criticism.

A discipline is a fusion of financial theory (with its origins in economics) and financial analysis (which is linked to accounting). Explores the underlying theories of corporate finance and examines the application of these theories in the Southern African context.

This groundbreaking first volume of the Series has a number of features that set it apart from other books on this subject: Firstly, it focuses on interpersonal, humanistic and ecological views and approaches to P/MH nursing. Secondly, it highlights patient/client-centered approaches and mental-health-service user involvement. Lastly, it is a genuinely European P/MH nursing textbook – the first of its kind – largely written by mental health scholars from Europe, although it also includes contributions from North America and Australia/New Zealand. Focusing on clinical/practical issues, theory and empirical findings, it adopts an evidence-based or evidence-informed approach. Each contribution presents the state-of-the-art of P/MH nursing

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in Europe so that it can be transferred to and implemented by P/MH nurses and the broader mental health care community around the globe. As such, it will be the first genuinely 21st century European Psychiatric Mental Health Nursing book.

Here is an extensive update of Pediatric Nephrology, which has become the standard reference text in the field. It is global in perspective and reflects the international group of editors, who are well-recognized experts in pediatric nephrology. Within this text, the development of kidney structure and function is followed by detailed and comprehensive chapters on all childhood kidney diseases.

The books in the Florida and the Caribbean Open Books Series demonstrate the University Press of Florida's long history of publishing Latin American and Caribbean studies titles that connect in and through Florida, highlighting the connections between the Sunshine State and its neighboring islands. Books in this series show how early explorers found and settled Florida and the Caribbean. They tell the tales of early pioneers, both foreign and domestic. They examine topics critical to the area such as travel, migration, economic opportunity, and tourism. They look at the growth of Florida and the Caribbean and the attendant pressures on the environment, culture, urban development, and the movement of peoples, both forced and voluntary. The Florida and the Caribbean Open Books Series gathers the rich data available in these architectural, archaeological, cultural, and historical works, as well as the travelogues and naturalists' sketches of the area in

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prior to the twentieth century, making it accessible for scholars and the general public alike. The Florida and the Caribbean Open Books Series is made possible through a grant from the National Endowment for the Humanities and the Andrew W. Mellon Foundation, under the Humanities Open Books program.

This book contains a selection of articles from The 2014 World Conference on Information Systems and Technologies (WorldCIST'14), held between the 15th and 18th of April in Funchal, Madeira, Portugal, a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern Information Systems and Technologies research, technological development and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Intelligent and Decision Support Systems; Software Systems, Architectures, Applications and Tools; Computer Networks, Mobility and Pervasive Systems; Radar Technologies; Human-Computer Interaction; Health Informatics and Information Technologies in Education.

This conference proceedings presents the research papers in the field of mine planning and mining equipment including themes such as mine automation, rock mechanics, drilling, blasting, tunnelling and excavation engineering. The papers presents the recent advancement and the application of a range of technologies in the field of mining industry. It is of interest to the professionals who practice in mineral

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industry including but not limited to engineers, consultants, managers, academics, scientist, and government staff.

This book gathers a set of works highlighting significant advances in the areas of music and sound. They report on innovative music technologies, acoustics, findings in musicology, new perspectives and techniques for composition, sound design and sound synthesis, and methods for music education and therapy. Further, they cover interesting topics at the intersection between music and computing, design and social sciences.

Chapters are based on extended and revised versions of the best papers presented during the 6th and 7th editions of EIMAD–Meeting of Research in Music, Arts and Design, held in 2020 and 2021, respectively, at the School of Applied Arts in Castelo Branco, Portugal. All in all, this book provides music researchers, educators and professionals with authoritative information about new trends and techniques, and a source of inspiration for future research, practical developments, and for establishing collaboration between experts from different fields.

Worldwide, there is a vast but fragile earthen heritage that is barely surviving due to serious damage of the fabric. It is generally believed that natural agents are the overall cause for the decay of earthen heritage.

However, when thoroughly evaluating, it can be observed that conservators' interventions have a major impact, which leads to question current approaches to conservation and the reasons why intervention mistakes are repeated and why successful conservation results

are still scarce. The research methodology of this investigation is based in a case study strategy analysing three World Heritage earthen sites, namely Chan Chan in Peru, Aït Ben Haddou in Morocco and Arg-e Bam in Iran. A combination of sources was also used, following a multi-method approach. This book suggests implementing standards for high quality intervention through the definition of criteria for decision-making and indicators of quality and best practice, as well as clarification concerning procedures in the methodology of intervention. It also stresses the importance of conservation theory in earthen heritage conservation, combining theory and practice. In addition, the book recommends an overall strategy in the conservation of earthen heritage, with particular emphasis on an approach that integrates education, awareness, research and preventive conservation.

Economic shocks pose a threat to health and health system performance by increasing people's need for health care and making access to care more difficult - a situation compounded by cuts in public spending on health and other social services. But these negative effects can be avoided by timely public policy action. While important public policy levers lie outside the health sector, in the hands of those responsible for fiscal policy and social protection, the health system response is critical. This book looks at how health systems in Europe reacted to pressure created by the financial and economic crisis that began in 2008. Drawing on the experience of over 45 countries, the authors: analyse health system responses to the crisis in three policy

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areas: public funding for the health system; health coverage; and health service planning, purchasing and delivery assess the impact of these responses on health systems and population health identify policies most likely to sustain the performance of health systems facing financial pressure explore the political economy of implementing reforms in a crisis The book is essential reading for anyone who wants to understand the choices available to policy-makers - and the implications of failing to protect health and health-system performance - in the face of economic and other forms of shock.

Sustainability is a fairly old concept, born in the 18th century in the field of forestry, within a mono-functionality perspective. The concept has considerably evolved in the last few years towards a multi-functionality context, with applications reported in practically all areas of economic interest. On the other hand, modern sustainability is a complex problem, for two reasons: a) The multiplicity of functions of a very different nature involved in the process and b) The manner in which different segments of the society or stakeholders perceive the relative importance of these functions. For the above reasons, a realistic approach for dealing with the sustainability issue requires taking into consideration multiple criteria of different nature (economic, environmental and social), and in many cases within a participatory decision making framework. This book presents a collection of papers, dealing with different theoretical and applied issues of sustainability, with the help of a modern multi-criteria decision-making theory, with a single as well as several stakeholders involved in

the decision-making process. Hopefully, this material will encourage academics and practitioners to alter their research in this hot and vital topic. After all, the sustainable management of the environment and its embedded resources is one of the most important, if not the major challenge of the 21st century.

Functional advanced biopolymers have received far less attention than renewable biomass (cellulose, rubber, etc.) used for energy production. Among the most advanced biopolymers known is chitosan. The term chitosan refers to a family of polysaccharides obtained by partial de-N-acetylation from chitin, one of the most abundant renewable resources in the biosphere.

Chitosan has been firmly established as having unique material properties as well as biological activities. Either in its native form or as a chemical derivative, chitosan is amenable to being processed—typically under mild conditions—into soft materials such as hydrogels, colloidal nanoparticles, or nanofibers. Given its multiple biological properties, including biodegradability, antimicrobial effects, gene transfectability, and metal adsorption—to name but a few—chitosan is regarded as a widely versatile building block in various sectors (e.g., agriculture, food, cosmetics, pharmacy) and for various applications (medical devices, metal adsorption, catalysis, etc.). This Special Issue presents an updated account addressing some of the major applications, including also chemical and enzymatic modifications of oligos and polymers. A better understanding of the properties that underpin the use of chitin and chitosan in different fields is key for boosting their more extensive

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industrial utilization, as well as to aid regulatory agencies in establishing specifications, guidelines, and standards for the different types of products and applications.

"The new book Mapping Ecosystem Services provides a comprehensive collection of theories, methods and practical applications of ecosystem services (ES) mapping, for the first time bringing together valuable knowledge and techniques from leading international experts in the field."

(www.eurekalert.org).

Despite the significant decrease in bullying that has been reported in many countries during the last two decades, bullying continues to be a significant problem among young people. Given the increase of internet use among youth, researchers have started to pay attention to cyberspace, understanding that it may be a fertile ground for bullying behaviors, specifically, what is known as cyberbullying. "Family, Bullying and Cyberbullying" examines the association of several family variables with bullying in offline and online environments during childhood and adolescence. Contributors from the Americas, Canada, Asia, and Europe offer cutting-edge research on family dynamics, bystander behaviors, parents' and educators' perceptions, and bullying and cyberbullying prevention and intervention strategies of bullying for school and home. This book also provides an analysis of the current research on the influence of family in the electronic bullying.

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Research topics included in the book: 1) Parental education and bullying and cyberbullying; 2) Parental monitoring and cyberbullying; 3) Parental communication and feelings of affiliation; 4) Student and educator perspective on cyberbullying; 5) Parents' responses to bullying; 6) Parental mediation and bystander behaviors; 7) Development of scales to measure cyberbullying and high internet risks. "Family, Bullying and Cyberbullying" is an essential resource for researchers, graduate students, families, and practitioners in social education, social work, teacher education, and psychology.

Explores the underlying theories of finance, and examines the practical application of these theories in a southern African environment. The third edition has been restructured and includes additional chapters. Emphasis is placed on the use of computer spreadsheets for solving financial problems.

This book reviews the available information on bacterial disinfection in endodontics, with emphasis on the chemical treatment of root canals based on current understanding of the process of irrigation. It describes recent advances in knowledge of the chemistry associated with irrigants and delivery systems, which is of vital importance given that chemical intervention is now considered one of the most important measures in eliminating planktonic

microbes and biofilms from the infected tooth. Recommendations are made regarding concentrations, exposure times and optimal sequences. Possible complications related to the use of the different solutions are highlighted, with guidance on response. In addition, clinical protocols are suggested on the basis of both clinical experience and the results of past and ongoing research. Throughout, a practical, clinically oriented approach is adopted that will assist the practitioner in ensuring successful endodontic treatment.

This book contains a selection of articles from The 2015 World Conference on Information Systems and Technologies (WorldCIST'15), held between the 1st and 3rd of April in Funchal, Madeira, Portugal, a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern Information Systems and Technologies research, technological development and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Intelligent and Decision Support Systems; Big Data Analytics and Applications; Software Systems, Architectures, Applications and Tools; Multimedia Systems and Applications; Computer Networks, Mobility and Pervasive Systems; Human-Computer Interaction; Health Informatics; Information

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Technologies in Education; Information
Technologies in Radio communications.

For courses in Introductory Public Relations. Cutlip & Center offers students the gold standard in public relations, providing the most up-to-date reference in the market. In the new edition, Glen Broom continues the work of Cutlip and Center by providing the most up-to-date reference for students.

Vernacular architecture represents a great resource that has considerable potential to define principles for sustainable design and contemporary architecture. This publication is the result of an overall aim to produce a valuable tool for analysis regarding vernacular heritage through different assessments, in order to define principles to consider for sustainable development. This was possible through a comprehensive reflection on the principles established and the strategies to recognise in different world contexts. The present publication was the result of an in-depth approach by 46 authors from 12 countries, concerned with the analysis and critical assessment of vernacular heritage and its sustainable perspective. The book presents 8 chapters addressing operational definitions and synopses advances, regarding the main areas of vernacular heritage contribution to sustainable architecture. It also presents 15 chapters and 53 case studies of vernacular and contemporary approaches in all the 5 continents, regarding urban,

architectural, technical and constructive strategies and solutions. VERSUS, HERITAGE FOR TOMORROW: Vernacular Knowledge for Sustainable Architecture is the result of a common effort undertaken by the partners ESG | Escola Superior Gallaecia, Portugal, as Project leader; CRAterre | École Nationale Supérieure d'Architecture de Grenoble, France; DIDA | Università degli Studi di Firenze, Italy; DICAAR | Università degli Studi di Cagliari, Italy; and UPV | Universitat Politècnica de València, Spain. This is the final outcome of VerSus, an European project developed from 2012 to 2014, in the framework of the Culture 2007-2013 programme.

Postharvest Handling: A Systems Approach introduces a new concept in the handling of fresh fruits and vegetable.

Traditional treatments have been either physiologically based with an emphasis on biological tissue or technologically based with an emphasis on storage and handling. This book integrates all processes from production practices through consumer consumption with an emphasis on understanding market forces and providing fresh product that meets consumer expectations. Postharvest physiologists and technologists across the disciplines of agricultural economics, agricultural engineering, food science and horticulture along with handlers of minimally-processed products within the fresh produce fruit and vegetable processing industries will find this to be an invaluable source of information. Uses a systems approach that provides a unique perspective on the handling of fresh fruits and vegetables Designed with the applied perspective to complement the more basic perspectives

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provided in other treatments Provides the integrated, interdisciplinary perspective needed in research to improve the quality of fresh and minimally processed products Emphasizes that the design of handling systems should be market-driven rather than concentrating on narrow specifics Presents an introduction to the processes of portfolio management, discussing how to identify business goals, develop strategy, evaluate environmental and risk factors and successfully complete project objectives. Original.

This book is composed of a selection of articles from The 2021 World Conference on Information Systems and Technologies (WorldCIST'21), held online between 30 and 31 of March and 1 and 2 of April 2021 at Hangra de Heroismo, Terceira Island, Azores, Portugal. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern information systems and technologies research, together with their technological development and applications. The main topics covered are: A) Information and Knowledge Management; B) Organizational Models and Information Systems; C) Software and Systems Modeling; D) Software Systems, Architectures, Applications and Tools; E) Multimedia Systems and Applications; F) Computer Networks, Mobility and Pervasive Systems; G) Intelligent and Decision Support Systems; H) Big Data Analytics and Applications; I) Human-computer Interaction; J) Ethics, Computers & Security; K) Health Informatics; L) Information Technologies in Education; M) Information Technologies in Radiocommunications; N) Technologies for Biomedical Applications.

This book is composed by the papers accepted for presentation and discussion at The 2019 International Conference on Information Technology & Systems

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(ICITS'20), held at the Universidad Distrital Francisco José de Caldas, in Bogotá, Colombia, on 5th to 7th February 2020. ICIST is a global forum for researchers and practitioners to present and discuss recent findings and innovations, current trends, professional experiences and challenges of modern information technology and systems research, together with their technological development and applications. The main topics covered are: information and knowledge management; organizational models and information systems; software and systems modelling; software systems, architectures, applications and tools; multimedia systems and applications; computer networks, mobility and pervasive systems; intelligent and decision support systems; big data analytics and applications; human–computer interaction; ethics, computers & security; health informatics; information technologies in education.

The International Encyclopedia of Hospitality Management is the definitive reference work for any individual studying or working in the hospitality industry. This new edition updates and significantly revises 25% of the entries and has an additional 20 new entries. New online material makes it the most up-to-date and accessible Hospitality Management encyclopedia on the market. It covers all of the relevant issues in the field of hospitality management from both a sectoral level: Lodging, Restaurants/Food service, Time-share, Clubs and Events as well as a functional one: Accounting & Finance, Marketing, Strategic Management, Human Resources, Information Technology and Facilities Management. Its unique user-friendly structure enables readers to find exactly the information they require at a glance; whether they require broad detail which takes a more crosssectional view across each subject field, or more focused information which looks closely at specific topics and issues within the hospitality industry today.

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International trade is highly affected by mycotoxin contaminations, which result in an annual 5% to 10% loss of global crop production. In the last decade, the mycotoxin scenario has been complicated by the progressive understanding—alongside emerging mycotoxins—of the parallel presence of modified (masked and conjugated) forms, in addition to the previously free known ones. The present Toxins Special Issue presents original research papers and reviews that deal with the fates of all these forms of mycotoxins with respect to aspects that cover traditional and industrial food processing, yearly grain campaign peculiar conditions and management, novel analytical solutions, consumer exposure, and biomarker-assessment directions. It gives a taste of an exciting scientific field that has several implications for our daily life because (i) it covers our diet practically and from every point of view, (ii) it intersects with our culinary uses and customs, but also industrial production processes, and (iii) it involves a careful evaluation of costs and benefits and a constant and continuous improvement of mycotoxin mitigation strategies.

Janice Perlman wrote the first in-depth account of life in the favelas, a book hailed as one of the most important works in global urban studies in the last 30 years. Now, in *Favela*, Perlman carries that story forward to the present. Re-interviewing many longtime favela residents whom she had first met in 1969--as well as their children and grandchildren--Perlman offers the only long-term perspective available on the favelados as they struggle for a better life. Perlman discovers that while educational levels have risen, democracy has replaced dictatorship, and material conditions have improved, many residents feel more marginalized than ever. The greatest change is the explosion of drug and arms trade and the high incidence of fatal violence that has resulted. Yet the greatest challenge of all is job

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creation--decent work for decent pay. If unemployment and under-paid employment are not addressed, she argues, all other efforts will fail to resolve the fundamental issues. Foreign Affairs praises Perlman for writing "with compassion, artistry, and intelligence, using stirring personal stories to illustrate larger points substantiated with statistical analysis."

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