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Food Control and Biosecurity Engineering Mathematics Vol.-III Engineering Mathematics Volume - II (Mathematical Methods) (For 1st Year, 1st Semester of JNTU, Kakinada) Common Sense Mathematics Sherabad Oasis Fasciolosis, 2nd Edition Energy from the Desert 4 Energy from the Desert Battle for a New Nation Retrosynthesis in the Manufacture of Generic Drugs Relocation/ Reconstruction of the US 222 and Construction of the Warren St Extension, Berks County Distributed Computer and Communication Networks Engineering Mathematics-II New Advances in Information Systems and Technologies ECIC2015-7th European Conference on Intellectual Capital Biodiesel Fuels Based on Edible and Nonedible Feedstocks, Wastes, and Algae OECD Environmental Performance Reviews: France 2016 King Seneb-Kay's Tomb and the Necropolis of a Lost Dynasty at Abydos Design, Manufacturing And Mechatronics - Proceedings Of The 2015 International Conference (Icdmm2015) Software Engineering and Information Technology - Proceedings of the 2015 International Congress on Energy Efficiency and Energy Related Materials (ENEFM2015) The 1st International Conference on Advanced Intelligent System and Informatics (AIS2015), November 28-30, 2015, Beni Suef, Egypt Controlling the EU Executive? Canadian Journal of Physics The Indigo Book Introductory Econometrics for Finance Welsh Planning Law and Practice Enemy of the People The Age of Asa Diaspora Entrepreneurs and Contested States The Political Economy of Emerging Markets Migration, Tourism and Social Sustainability Hourly Precipitation Data Investigating novel mechanisms and treatments of metabolic disorders associated with cardiovascular disease Illicit Trade Governance Frameworks to Counter Illicit Trade Modern Islamic Authority and Social Change, Volume 1 Encyclopedia of Bioinformatics and Computational Biology Handbook of Refugee Health Product Development Within Artificial Intelligence, Ethics and Legal Risk Essentials of Autopsy Practice

Welsh Planning Law and Practice provides a comprehensive guide to the sources and structure of Welsh planning law and a route through its complexity. This is not a comparative study, but rather deals with legislation and policy affecting land in Wales, placing them in the context of shared principles and concepts and the case law common to England and Wales. More than an academic exercise, planning is a practical matter affecting important aspects of daily life, and the desirability of public engagement in the planning process is well settled. This book contributes to the promotion of recognition of the body of Welsh planning law, to aid accessibility for all who practise in or who are (or want to be) involved in shaping development in Wales. The fourth volume in the established Energy from the Desert series examines and evaluates the potential and feasibility of Very Large Scale Photovoltaic Power Generation (VLS-PV) systems, which have capacities ranging from several megawatts to gigawatts, and to develop practical project proposals toward implementing the VLS-PV systems in the future. It comprehensively analyses all major issues involved in such large scale applications, based on the latest scientific and technological developments by means of close international co-operation with experts from different countries. From the perspective of the global energy situation, global warming, and other environmental issues, it is apparent that VLS-PV systems can: contribute substantially to global energy needs become economically and technologically feasible soon contribute significantly to global environmental protection contribute significantly to socio-economic development This book recognises that very large scale solar electricity generation provides economic, social and environmental benefits, security of electricity supply and fair access to affordable and sustainable energy solutions and that VLS-PV systems must be one of the promising options for large-scale deployment of PV systems and renewable energy technologies. This book constitutes the refereed proceedings of the 20th International Conference on Distributed and Computer and Communication Networks, DCCN 2017, held in Moscow, Russia, in September 2017. The 39 full papers and the two short papers were carefully reviewed and selected from 176 submissions. The papers cover the following topics: computer and communication networks architecture optimization; control in computer and communication networks; performance and QoS/QoE evaluation in wireless networks; analytical modeling and simulation of next-generation communications systems; queueing theory and reliability theory applications in computer networks; wireless 4G/5G networks, cm- and mm-wave radio technologies; RFID technology and its application in intellectual transportation networks; Internet of Things, wearables, and applications of distributed information systems; probabilistic and statistical models in information systems; mathematical modeling of high-tech systems; mathematical modeling and control problems; distributed and cloud computing systems, big data analytics. This book helps to recognize the rights of refugees and provides a framework to identify and approach health needs, from basic elements like service mapping and initial interventions to more complex elements of ongoing healthcare and support and broader topics such as migration public health, migration policy and health systems. Beyond biomedical frameworks, it draws on socio-ecological models to inform assessments and integrated models of care to improve health and health equity. Set out in three comprehensive sections: public health theory (Part 1), applied public health (Part 2), and clinical approaches (Part 3), this book draws on multiple disciplines and insights from humanitarians, academics, policy experts, and clinicians from diverse contexts, with expertise in forced migration, to create an accessible reference tool to inform healthcare professionals' interactions with forcibly displaced individuals and populations in all contexts for both high and low resource countries. Apart from providing information across the spectrum of health issues, clinical specialties and global contexts, it discusses associated areas, including human rights and law, public health, medical anthropology and cultural awareness. Key Features: Bridges the gap between existing academic literature on refugee health and guidelines for health management in humanitarian emergencies Helps to develop an integrated approach to healthcare provision, allowing healthcare professionals and humanitarians to adapt their specialist knowledge for use in forced migration contexts and with refugees. Recognizes the complex and interconnected needs in displacement scenarios and identifies holistic and systems-based approaches. Covers public health theory, applied public health and clinical aspects of forced migration. Enemy of the People is the first definitive account of Zuma's catastrophic misrule, offering eyewitness descriptions and cogent analysis of how South Africa was brought to its knees – and how a people fought back. When Jacob Zuma took over the leadership of the ANC one muggy Polokwane evening in December 2007, he inherited a country where GDP was growing by more than 6% per annum, a party enjoying the support of two-thirds of the electorate, and a unified tripartite alliance. Today, South Africa is caught in the grip of a patronage network, the economy is floundering and the ANC is staring down the barrel of a defeat at the 2019 general elections. How did we get here? Zuma first brought to heel his party, Africa's oldest and most revered liberation movement, subduing and isolating dissidents associated with his predecessor Thabo Mbeki. Then saw the emergence of the tenderpreneur and those attempting to capture the state, as well as a network of family, friends and business associates that has become so deeply embedded that it has, in effect, replaced many parts of government. Zuma opened up the state to industrial-scale levels of corruption, causing irreparable damage to state enterprises, institutions of democracy, and the ANC itself. But it hasn't all gone Zuma's way. Former allies have peeled away. A new era of activism has arisen and outspoken civil servants have stepped forward to join a cross-section of civil society and a robust media. As a divided ANC square off for the elective conference in December, where there is everything to gain or to lose, award-winning journalists Adriaan Basson and Pieter du Toit offer a brilliant and up-to-date account of the Zuma era. Rapid and sustained growth in the twenty-first-century global economy of large developing economies including Brazil, Russia, India, China, and South Africa, has captivated policy-makers and popular business press pundits alike. The coining of the new acronym BRICS and widespread adoption in international economics discourse of the designation "emerging markets" is symptomatic of that interest. The Political Economy of Emerging Markets situates the BRICS phenomena in the global economic context of advanced economies continuing to languish in recession and hovering over a deflationary abyss several years after the meltdown. A key question this volume seeks to answer is whether the BRICS and so-called "emerging market" phenomenon is really the new miracle it is presented as, offering new or modified varieties of reloaded capitalist development to the world, or yet another mirage. Written by ten leading global experts, this book answers the tough questions over BRICS and emerging markets potentially realizing new varieties of reloaded capitalism. It is not only international and interdisciplinary but uniquely multiperspectival. Theories framing chapters are not of one genre, but generate theoretical debate at the frontier of knowledge in political economy along with nuanced empirical analysis which flows from it. This book is of great importance to those who study political economy, development economics and international political economy. These proceedings represent the work of presenters at the 7th European Conference on Intellectual Capital (ECIC 2015). This year the conference is being hosted by The Technical University of Cartagena, Spain on the 9-10 April 2015. The Conference Co-Chairs are Dr. Eva Martinez Caro, Dr. María Eugenia Sánchez & Dr. David Cegarra Leiva from the Technical University of Cartagena and the Programme Chair is Dr. Juan Gabriel Cegarra Navarro also from the Technical University of Cartagena. The opening keynote address is by Constantin Bratianu, Bucharest University of Economic Studies, Romania on the topic of "A Dynamic Perspective on Intellectual Capital" Dr Scott Erickson from the School of Business, Ithaca College and Dr Helen Rothberg, Marist College, Poughkeepsie, USA will address the topic "Does intellectual capital have a role in making the big strategic decisions? On the second day of the conference Dr José Maria Viedma Martí from the Polytechnic University of Catalonia in Barcelona, Spain will talk about xxx. The primary aim of this conference is to contribute to the further advancement of intellectual capital theory and practice. The conference provides a platform for presenting findings and ideas for the intellectual capital community and associated fields. The range of people, issues and the mix of approaches followed will ensure an interesting two days. 115 abstracts were received for this conference. After the double blind, peer review process there are 43 academic papers, 13 PhD papers and 2 Masters Research Papers and 1 Work In Progress Paper published in these Conference Proceedings. These papers represent truly global research from some xx different countries, including the Albania, Australia, Austria, Canada, Czech Republic, Espana, Finland, France, Germany, Hungary, Indonesia, Italy, Kazakhstan, Malaysia Netherlands, Nigeria, Pakistan, Portugal, Romania, Russia, Slovakia, Spain Thailand, United Arab Emirates, UK and the USA This volume is the publication and analysis of the tomb of pharaoh Seneb-Kay (ca. 1650-1600 BCE), and a cemetery of associated tombs at Abydos, all attributable to a group of kings of Egypt's Second Intermediate Period. The tomb of Seneb-Kay has provided the first known king's tomb of pharaonic Egypt that included decorated imagery in the burial chamber. That evidence, presented in full-color and discussed in detail in the volume, allows us to identify this previously unknown ruler along with a group of seven similar tombs that can be attributed to an Upper Egyptian Dynasty that survived for approximately half a century during a period of pronounced territorial fragmentation in the Nile Valley. The book examines the architecture and artifacts associated with these tombs as well as presents an osteological analysis of the bodies of Seneb-Kay and the other anonymous individuals buried at South Abydos. Seneb-Kay's skeletonized mummy was recovered inside his tomb and provides a rare opportunity to examine the body of a king of this era. He is the earliest substantially preserved body of an Egyptian king to survive in the archaeological record, and the first known Egyptian pharaoh whose skeletal remains show that he died in battle. The analysis of his death in a military encounter, along with insights from the other skeletal remains indicates a line of kings whose rise to power was associated with their social background as members of the military elite. The book examines the wider implications of these bodies in terms of the pronounced militarization of society in the Second Intermediate Period. Seneb-Kay's tomb has also provided extensive evidence, through its use of reused blocks bearing decoration, of earlier elite and royal monuments at Abydos. The combination of evidence provides a new archaeological and historical window into the political situation that defined Egypt's Second Intermediate Period. This second volume of the Handbook of Biodiesel and Petrodiesel Fuels presents a representative sample of the population papers in the field of feedstock-specific biodiesel fuels. The research on feedstocks for biodiesel fuels has first focused on the edible oils as first-generation biodiesel fuels. However, the public concerns about the competition with foods based on these feedstocks and adverse impact on the ecological diversity and deforestation have resulted in the exploration of nonedible-oil-based biodiesel fuels as second-generation biodiesel fuels in the first instance. Due to the ecological and cost benefits of treating wastes, waste oil-based biodiesel fuels as third-generation biodiesel fuels have emerged. Furthermore, following a series of influential review papers, the research has focused on the algal oil-based biodiesel fuels in recent years. Since the cost of feedstocks in general constitutes 85% of the total biodiesel production costs, the research focused more on improving biomass and lipid productivity in these research fields. Furthermore, since water, CO2, and nutrients (primarily N and P) have been major ingredients for the algal biomass and lipid production, the research has also intensified in the use of wastewaters and flue gases for algal biomass production to reduce the ecological burdens and the production costs. Part 1 presents a representative sample of the population papers in the field of edible oil-based biodiesel fuels covering major research fronts. It covers soybean oil-based biodiesel fuels, palm oil-based biodiesel fuels, and rapeseed oil-based biodiesel fuels as case studies besides an overview paper. Part 2 presents a representative sample of the population papers in the field of nonedible oil-based biodiesel fuels covering major research fronts. It covers Jatropa oil-based biodiesel fuels, polanga oil-based biodiesel fuels, and moringa oil-based biodiesel fuels as case studies besides an overview paper. Part 3 presents a representative sample of the population papers in the field of waste oil-based biodiesel fuels covering major research fronts. It covers wastewater sludge-based biodiesel fuels, waste cooking oil-based biodiesel fuels, and microbial oil-based biodiesel fuels as case studies besides an overview paper. Part 4 presents a representative sample of the population papers in the field of algal oil-based biodiesel fuels covering major research fronts. It covers algal biomass production in general, algal biomass production in wastewaters, algal lipid production, hydrothermal liquefaction of algal biomass, algal lipid extraction, and algal biodiesel production besides an overview paper. This book will be useful to academics and professionals in the fields of Energy Fuels, Chemical Engineering, Physical Chemistry, Biotechnology and Applied Microbiology, Environmental Sciences, and Thermodynamics. Ozcan Konur is both a materials scientist and social scientist by training. He has published around 200 journal papers, book chapters, and conference papers. He has focused on the bioenergy and biofuels in recent years. In 2018, he edited "Bioenergy and Biofuels", that brought together the work of over 30 experts in their respective field. He also edited "Handbook of Algal Science, Technology, and Medicine" with a strong section on the algal biofuels in 2020. Engineering Mathematics Vol.-III Fasciolosis is a major global infection of livestock causing both huge losses to the agricultural community and affecting human health as a food-borne disease. Fully updated throughout, this new edition continues to cover the life cycle, biology, and development of the parasite; clinical pathology, immunology, diagnosis and vaccine development; and emergence, cause and mechanisms of drug resistance. It reviews the temperate liver fluke Fasciola hepatica, together with molecular, biochemical, control, and epidemiological aspects of the tropical liver fluke F. gigantica. Many fundamental advances have taken place in the last two decades, but of particular importance has been the mapping of the draft genome of Fasciola. In addition, comprehensive advances in transcriptomics, proteomics and glycomics have been made, and the book therefore pays particular attention to these developments with the addition of brand-new chapters. Also covering the impact these parasites have had on the global human population, their distribution and their ecology, this book provides a comprehensive and accessible resource for scientists, researchers and students of medical and veterinary parasitology. This report examines governance frameworks to counter illicit trade. It looks at the adequacy and effectiveness of sanctions and penalties applicable, the steps parties engaged in illicit trade take to lower the risk of detection - for example through small shipments - and the use of free trade ... Engineering Mathematic This book consists of sixty-seven selected papers presented at the 2015 International Conference on Software Engineering and Information Technology (SEIT2015), which was held in Guilin, Guangxi, China during June 26-28, 2015. The SEIT2015 has been an important event and has attracted many scientists, engineers and researchers from academia, government laboratories and industry internationally. The papers in this book were selected after rigorous review. SEIT2015 focuses on six main areas, namely, Information Technology, Computer Intelligence and Computer Applications, Algorithm and Simulation, Signal and Image Processing, Electrical Engineering and Software Engineering. SEIT2015 aims to provide a platform for the global researchers and practitioners from both academia as well as industry to meet and share cutting-edge development in the field. This conference has been a valuable opportunity for researchers to share their knowledge and results in theory, methodology and applications of Software Engineering and Information Technology. Offers a compendium of information on retrosynthesis and process chemistry, featuring innovative "reaction maps" showing synthetic routes of some widely used drugs This book illustrates how the retrosynthetic tool is applied in the Pharmaceutical Industry. It considers and evaluates the many viable synthetic routes that can be used by practicing industrialists, guiding readers through the various steps that lead to the "best" processes and the limits encountered if these are put into practice on an industrial scale of seven key Active Pharmaceutical Ingredient (API). It presents an evaluation of the potential each process has for implementation, before merging the two points of view—of retrosynthesis and process chemistry—in order to show how retrosynthetic analysis assists in selecting the most efficient route for an industrial synthesis of a particular compound whilst giving insight into the industrial process. The book also uses some key concepts used by process chemists to improve efficiency to indicate the best route to select. Each chapter in Retrosynthesis in the Manufacture of Generic Drugs Selected Case Studies is dedicated to one drug, with each containing information on: worldwide sales and patent status of the Active Pharmaceutical Ingredient (API); structure analysis and general retrosynthetic strategy of the API; first reported synthesis; critical analysis of the processes which have been developed and comparison of the synthetic routes; lessons learned; reaction conditions for Schemes A to X; chemical "highlights" on key reactions used during the synthesis; and references. Drugs covered include: Gabapentin, Clopidogrel, Citalopram and Escitalopram, Sitagliptin, Ezetimibe, Montelukast, and Osetamivir. Show how the retrosynthetic tool is used by the Pharmaceutical Industry Fills a gap for a book where retrosynthetic analysis is systematically applied to active pharmaceutical ingredients (APIs) Features analyses and methodologies that aid readers in uncovering practical synthetic routes to other drug substances, whether they be NCEs (New Chemical Entities) or generic APIs (Active Pharmaceutical Ingredients) Presents information from both the patent and academic literature for those who wish to use as a basis for further study and thought Features the use of "reaction maps" which display several synthetic processes in the same scheme, and which allow easy comparisons of different routes that give the same molecule or intermediate. A selection of these maps are available to download from: <https://www.wiley.com/go/santos/retrosynthesis> Retrosynthesis in the Manufacture of Generic Drugs Selected Case Studies is an ideal book for researchers and advanced students in organic synthetic chemistry and process chemistry. It will also be of great benefit to practitioners in the pharmaceutical industry, particularly new starters, and those new to process chemistry. This book brings together one hundred and seventy nine selected papers presented at the 2015 International Conference on Design, Manufacturing and Mechatronics (ICDMM2015), which was successfully held in Wuhan, China during April 17-18, 2015. The ICDMM2015 covered a wide range of fundamental studies, technical innovations and industrial applications in advanced design and manufacturing technology, automation and control system, communication system and computer network, signal and image processing, data processing and intelligence system, applied material and material processing technology, power and energy, technology and methods for measure, test, detection and monitoring, applied mechatronics, technology and methods for ship navigation and safety, and other engineering topics. All papers selected here were subjected to a rigorous peer-review process by at least two independent peers. The papers were selected based on innovation, organization, and quality of presentation. The proceedings should be a valuable reference for scientists, engineers and researchers interested in design, manufacturing and mechatronics, as well as graduate students working on related technologies. This open-access-book synthesizes a supportive developer checklist considering sustainable Team and agile Project Management in the challenge of Artificial Intelligence and limits of image recognition. The study bases on technical, ethical, and legal requirements with examples concerning autonomous vehicles. As the first of its kind, it analyzes all reported car accidents state wide (1.28 million) over a 10-year period. Integrating of highly sensitive international court rulings and growing consumer expectations make this book a helpful guide for product and team development from initial concept until market launch. The author Thomas Winkle (Prof. Dr.-Ing., MBA Communication & Leadership) is a multiple author in best-selling Springer books such as "Autonomous Driving: Technical, Legal and Social Aspects" or the "Handbook of Driver Assistance Systems". His work bases on three decades in sustainable team consulting as employee and researcher in the legal departments of three car manufacturers as well as a professor at IU International University and TU Munich. Thomas Winkle received the Volkswagen research award for his significant Human-Centered Design into the development of the Automatic Emergency Brake. He was responsible to prepare the ADAS Code of Practice. As consultant at international courts, he links Artificial Intelligence, Ethics, Sustainable Agile Management, Mindful Communication and Law using Autonomous Vehicles example definition requirements. "This 4th volume in the established Energy From The Desert series examines and evaluates the potential and feasibility of Very Large Scale Photovoltaic Power Generation (VLS-PV) systems, which have capacities ranging from several megawatts to gigawatts, and to develop practical project proposals toward implementing the VLS-PV systems in the future. Comprehensively analysing all major issues involved in such large scale applications, based on the latest scientific and technological developments and by means of close international co-operation with experts from different countries. From the perspective of the global energy situation, global warming, and other environmental issues, it is apparent that VLS-PV systems can: contribute substantially to global energy needs; become economically and technologically feasible soon; contribute significantly to the global environment protection; contribute significantly to socio-economic development. Energy policies around the world are gradually changing direction to focus less on nuclear energy with the expectation to turn to denuclearization entirely with the negative impacts of nuclear energy, while in parallel the importance and of expectations for renewable energy technologies are increasing drastically as possible energy infrastructure, as well as environmental friendly technology. This book recognises that very large scale solar electricity generation provides economic, social and environmental benefits, security of electricity supply and fair access to affordable and sustainable energy solutions and that VLS-PV systems must be one of the promising options for large-scale deployment of PV systems and renewable energy technologies"-- Common Sense Mathematics is a text for a one semester college-level course in quantitative literacy. The text emphasizes common sense and common knowledge in approaching real problems through popular news items and finding useful mathematical tools and frames with which to address those questions. We asked ourselves what we hoped our students would remember about this course in ten year's time. From that ten year perspective thoughts about syllabus—"what topics should we cover?"—seemed much too narrow. What matters more is our wish to change the way our students' minds work—the way they approach a problem, or, more generally, the way they approach the world. Most people "skip the numbers" in newspapers, magazines, on the web and (more importantly) even in financial information. We hope that in ten years our students will follow the news, confident in their ability to make sense of the numbers they find there and in their daily lives. Most quantitative reasoning texts are arranged by mathematical topics to be mastered. Since the mathematics is only a part of what we hope students learn, we've chosen another strategy. We look at real life stories that can be best understood with careful reading and a little mathematics. Offers econometrics for finance students with no prior knowledge of the field. Includes case studies, examples and extensive online support. Asa Briggs has been a prominent figure in post-war cultural life - as a pioneering historian, a far-sighted educational reformer, and a sensitive chronicler of the way in which broadcasting and communication more generally have shaped modern society. He has also been a devoted servant of the public good, involved in many inquiries, boards and trusts. Yet few accounts of public life in Britain since the Second World War include a discussion or appreciation of his influential role. This collection of essays provides the first critical assessment of Asa Briggs' career, using fresh research and new perspectives to analyse his contribution and impact on scholarship, the expansion of higher education at home and overseas, and his support and leadership for the arts and media more generally. The online bibliography of Asa Briggs' publications

which accompanies the book is available on the The Institute of Historical Research website here. Food Control and Biosecurity, Volume Sixteen, the latest release in the Handbook of Food Bioengineering series, is an essential resource for anyone in the food industry who needs to understand safety and quality control to prevent or reduce the spread of foodborne diseases. The book covers information from exporter to transporter, importer and retailer, and offers valuable tools to measure food quality while also addressing government standards and regulations for food production, processing and consumption. The book presents cutting-edge methods for detecting hazardous compounds within foods, including carcinogenic chemicals. Other related topics addressing food insecurity and food defense are also discussed. Identifies the latest import/export regulations related to food control and biosecurity Provides detection and analysis methods to ensure a safe food supply Presents risk assessment tools and prevention strategies for food safety and process control Every year the EU Commission issues thousands of rules based on powers delegated by the Council of Ministers and the European Parliament. But delegation is carefully controlled. Traditionally, control has been exerted through a system of committees of member state representatives ('comitology'). However, this system was contested by the European Parliament which was left without any influence. The Lisbon Treaty introduced a new control regime for delegated powers, the so-called delegated acts system, which was meant to supplement the existing system. The new system involves direct control by the Council of Ministers and the European Parliament and thus for the first time gave the European Parliament real influence over delegated powers. However, the choice over which delegation regime to use in practice has turned into one of the most vehement institutional conflicts in the EU political system. This book represents the first comprehensive investigation of this conflict. It does so by a combination of methods and data, including process-tracing of the introduction of the new system in the Lisbon Treaty, case studies of selected post-Lisbon delegation situations, and statistical analysis of datasets comprising hundreds of post-Lisbon legislative files. This book contains a selection of articles from The 2016 World Conference on Information Systems and Technologies (WorldCIST'16), held between the 22nd and 24th of March at Recife, Pernambuco, Brazil. 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: Information and Knowledge Management; Organizational Models and Information Systems; Software and Systems Modeling; 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; Health Informatics; Information Technologies in Education; Information Technologies in Radiocommunications. The distinctions between tourism and migration are increasingly blurred. Tourism often drives various forms of mobility, and an international workforce is essential to maintaining functioning tourism economies. This book explores intersections of tourism and migration, considering their relationships with and impacts on social sustainability. The chapters explore in a variety of contexts how the planning, development and governance of tourism affects the sustainability of communities, which consequently influences attitudes towards migrants and tourists. They also consider how migrant-local connections may evolve, creating opportunities for positive, symbiotic co-existence or intergroup tensions and exploitative relationships. The book paves the way for future work examining new forms and interactions between migration and tourism that contribute to social sustainability. This book will be of great value to students, academics, and researchers interested in tourism, geography, migration/diaspora studies and sociology. The chapters in this book were originally published as a special issue of Tourism Geographies. This book covers topical subjects within the field of death investigation, where changes in practice have recently occurred. As the area of dating of wounds has changed since the subject was addressed in a previous volume, this subject is revisited for the first time. The remaining subjects covered in this volume embrace the multi-disciplinary approach required for death investigation, and address advances in the field of forensic radiology imaging, pathology, and toxicology. There is also a chapter on cardiopulmonary resuscitation which explains clinical processes and procedures that may occur to an individual immediately before death that may have a bearing on the subsequent autopsy findings. Essentials of Autopsy Practice: Reviews, Updates and Advances is an educational and practical resource aimed at trainees and consultants, generalists and specialists, and the new multi-disciplinary team alike. This report is the third Environmental Performance Review of France. It evaluates progress towards sustainable development and green growth, with a focus on energy transition and biodiversity. This public domain book is an open and compatible implementation of the Uniform System of Citation. Encyclopedia of Bioinformatics and Computational Biology: ABC of Bioinformatics combines elements of computer science, information technology, mathematics, statistics and biotechnology, providing the methodology and in silico solutions to mine biological data and processes. The book covers Theory, Topics and Applications, with a special focus on Integrative -omics and Systems Biology. The theoretical, methodological underpinnings of BCB, including phylogeny are covered, as are more current areas of focus, such as translational bioinformatics, cheminformatics, and environmental informatics. Finally, Applications provide guidance for commonly asked questions. This major reference work spans basic and cutting-edge methodologies authored by leaders in the field, providing an invaluable resource for students, scientists, professionals in research institutes, and a broad swath of researchers in biotechnology and the biomedical and pharmaceutical industries. Brings together information from computer science, information technology, mathematics, statistics and biotechnology Written and reviewed by leading experts in the field, providing a unique and authoritative resource Focuses on the main theoretical and methodological concepts before expanding on specific topics and applications Includes interactive images, multimedia tools and crosslinking to further resources and databases Explores the interconnected creative partnerships of the Watts and De Morgans - Victorian artists, writers and suffragists This work is the second volume of the series publishing the results of the Czech-Uzbek archaeological expedition in southern Uzbekistan. While the first part was devoted to the excavations at the central site of the Sherabad Oasis called Jandavlatpepa, the second volume analyses the development of the settlement throughout this oasis based on the new data gained by the expedition. The used methodology includes both extensive and intensive archaeological survey, revisions of published archaeological data, historical maps and satellite images. Apart from the dynamics of the settlement of the research area spreading from prehistoric to modern time, the development of the irrigation systems in the steppe lowlands was also assessed. "Using the cause and effect text structure, explores how the Revolutionary War began and its immediate and lasting effects"-- Engineering Mathematics-II The conference topics address different theoretical and practical aspects, and implementing solutions for intelligent systems and informatics disciplines including bioinformatics, computer science, medical informatics, biology, social studies, as well as robotics research. The conference also discuss and present solutions to the cloud computing and big data mining which are considered hot research topics. The conference papers discussed different topics – techniques, models, methods, architectures, as well as multi aspect, domain-specific, and new solutions for the above disciplines. The accepted papers have been grouped into five parts: Part I—Intelligent Systems and Informatics, addressing topics including, but not limited to, medical application, predicting student performance, action classification, and detection of dead stained microscopic cells, optical character recognition, plant identification, rehabilitation of disabled people. Part II—Hybrid Intelligent Systems, addressing topics including, but not limited to, EMG signals, text classification, geomagnetic inverse problem, email filtering. Part III—Multimedia Computing and Social Networks, addressing topics including, but not limited to, augmented reality, telepresence robot, video flash matting, community detection, quality images, face thermal image extraction, MRI tumor segmentation. Part V—Cloud Computing and Big Data Mining, discussing topics including, but not limited to, mining on microblogs, query optimization, big data classification, access control, friendsourcing, and assistive technology. Part VI—Swarm Optimization and Its Applications, addressing topics including, but not limited to, solving set covering problem, adaptive PSO for CT liver segmentation, water quality assessment, attribute reduction, fish detection, solving manufacturing cell design problem. Why do conflict-generated diasporas mobilize in contentious and non-contentious ways or use mixed strategies? This book develops a theory of socio-spatial positionality and its implications for the individual agency of diaspora entrepreneurs. A novel typology features four types of diaspora entrepreneurs—Broker, Local, Distant, and Reserved—depending on the relative strength of their socio-spatial linkages to host-land, original homeland, and other global locations. A two-level typological theory captures nine causal pathways unravelling how diaspora entrepreneurs operate in transnational social fields and interact with host-land foreign policies, homeland governments, parties, non-state actors, critical events, and limited global influences. Non-contention often occurs when diaspora entrepreneurs act autonomously and when host-state foreign policies converge with their goals. Dual-pronged contention is common under the influence of homeland governments, non-state actors, and political parties. The most contention occurs in response to violent events in the original homeland or adjacent to it fragile states. The book is informed by 300 interviews among the Albanian, Armenian, and Palestinian diasporas connected to de facto states, Kosovo, Nagorno-Karabakh, and Palestine respectively. Interviews were conducted in the UK, Germany, France, Netherlands, Sweden, Switzerland, Brussels in Belgium, as well as Kosovo and Armenia in the European neighbourhood. The 3rd International Congress on Energy Efficiency and Energy Related Materials (ENEFM2015) was held from 19–23 October 2015. This congress focused on the latest developments of sustainable energy technologies, materials for sustainable energy applications and environmental and economic perspectives of energy. These proceedings included 40 peer-reviewed technical papers, submitted by leading academic and research institutions from over 23 countries and represented some of the most cutting-edge researches available. The sections included in the 40 papers are listed as follows: Solar Energy, Fuel cells, Hydrogen productions, Hydrogen storage, Energy storage, Energy saving, Biofuels and Bioenergy, Wind Energy, Nuclear Energy, Fossil Energy, Hydropower, Carbon capture and storage, Materials for renewable energy storage and conversion, Photovoltaics and solar cells, Fuel generation from renewables (catalysis), Carbon dioxide sequestration and conversion, Materials for energy saving, Thermoelectrics, Energy saving in buildings, Bio-Assessment and Toxicology, Air pollution from mobile and stationary sources, Transport of Air Pollutants, Environment-Friendly Construction and Development, Energy Management Systems.

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