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Who's who in America, 2006 2005

Space Hustlers Steve Owen 2012

Statistics for Data Science and Policy Analysis Azizur Rahman 2020-03-31 This book brings together the best contributions of the Applied Statistics and Policy Analysis Conference 2019. Written by leading international experts in the field of statistics, data science and policy evaluation. This book explores the theme of effective policy methods through the use of big data, accurate estimates and modern computing tools and statistical modelling.

Refugees and the Violence of Welfare Bureaucracies in Northern Europe Dalia Abdelhady 2020-09-25 As groups of forcibly displaced people have moved to the spotlight of public debate in Europe, they are also being targeted by multiple welfare state interventions in many countries. This book analyses the tensions that emerge within strong welfare states when faced with large migration flows. It also interrogates the phenomenon of the 2015 'refugee crisis' and its foreplay and aftermath in the context of Northern Europe and challenges the notion of crisis as a feature of contemporary realities. With an eye to the daily strategies and experiences of newly settled populations, the different chapters tackle the roles of actors such as state agencies, civil society organizations, media discourses or welfare policies in shaping those experiences. Contributions are included from several academic disciplines such as sociology, anthropology, history, political science and cultural studies.

Who's Who in the World 1995 Marquis Who's Who 1995-12 This single volume affords instant access to more than 35,000 individual biographies of the people whose activities are shaping today's world. Among those profiled are prominent government figures, high-ranking military officers, leaders of the largest corporations in each country, heads of religious organizations, pioneers in science & the arts & many more.

Advances in Optical and Photonic Devices Ki Young Kim 2010-01-01 The title of this book, *Advances in Optical and Photonic Devices*, encompasses a broad range of theory and applications which are of interest for diverse classes of optical and photonic devices. Unquestionably, recent successful achievements in modern optical communications and

multifunctional systems have been accomplished based on composing “building blocks” of a variety of optical and photonic devices. Thus, the grasp of current trends and needs in device technology would be useful for further development of such a range of relative applications. The book is going to be a collection of contemporary researches and developments of various devices and structures in the area of optics and photonics. It is composed of 17 excellent chapters covering fundamental theory, physical operation mechanisms, fabrication and measurement techniques, and application examples. Besides, it contains comprehensive reviews of recent trends and advancements in the field. First six chapters are especially focused on diverse aspects of recent developments of lasers and related technologies, while the later chapters deal with various optical and photonic devices including waveguides, filters, oscillators, isolators, photodiodes, photomultipliers, microcavities, and so on. Although the book is a collected edition of specific technological issues, I strongly believe that the readers can obtain generous and overall ideas and knowledge of the state-of-the-art technologies in optical and photonic devices. Lastly, special words of thanks should go to all the scientists and engineers who have devoted a great deal of time to writing excellent chapters in this book.

An assessment of impacts from shrimp aquaculture in Bangladesh and prospects for improvement Food and Agriculture Organization of the United Nations 2018-11-08 Total shrimp production in Bangladesh increased from 14 773 tonnes in 1986 to 128 313 ton in 2014. In parallel with contribution of the shrimp sector to the local and national economy of the country, it has caused some negative impacts on local ecosystems. This includes deterioration of soil and water quality, depletion of mangrove forest, decrease in population of local species of fish among others. There have also been some socio-economic consequences on the livelihood patterns of people living in coastal areas. At this stage, a paradigm shift is needed away from current shrimp farming practices to a more holistic and integrated approach that accounts for environmental integrity and social cohesion. In this paper, the ongoing measures to improve and streamline environmental performance of shrimp farming in Bangladesh are analyzed and a number of measures are proposed.

Handbook of Chitin and Chitosan Sabu Thomas 2020-06-18 The Handbook of Chitin and Chitosan: Composites and Nanocomposites from Chitin and Chitosan, Manufacturing and Characterisations, Volume Two, is a must-read for polymer chemists, physicists and engineers interested in the development of ecofriendly micro and nanostructured functional materials based on chitin and their various applications. The book addresses their isolation, preparation and properties, through composites, nanomaterials, manufacturing and characterizations. This is the second of three volumes in a series that contains the latest on the major applications of chitin and chitosan based IPN's, blends, gels, composites and nanocomposites, including environmental remediation, biomedical applications and smart material applications. Provides a comprehensive overview of Chitin and Chitosan materials, from their synthesis and nanomaterials, to their manufacture and applications Volume Two focuses on Chitin and Chitosan composites Includes contributions from leading researchers across the globe and from industry, academia, government and private research institutions Highlights current status and future opportunities

Statistical Advances in the Biomedical Sciences Atanu Biswas 2007-12-14 The Most Comprehensive and Cutting-Edge Guide to Statistical Applications in Biomedical Research With the increasing use of biotechnology in medical research and the sophisticated advances in computing, it has become essential for practitioners in the biomedical sciences to be fully

educated on the role statistics plays in ensuring the accurate analysis of research findings. *Statistical Advances in the Biomedical Sciences* explores the growing value of statistical knowledge in the management and comprehension of medical research and, more specifically, provides an accessible introduction to the contemporary methodologies used to understand complex problems in the four major areas of modern-day biomedical science: clinical trials, epidemiology, survival analysis, and bioinformatics. Composed of contributions from eminent researchers in the field, this volume discusses the application of statistical techniques to various aspects of modern medical research and illustrates how these methods ultimately prove to be an indispensable part of proper data collection and analysis. A structural uniformity is maintained across all chapters, each beginning with an introduction that discusses general concepts and the biomedical problem under focus and is followed by specific details on the associated methods, algorithms, and applications. In addition, each chapter provides a summary of the main ideas and offers a concluding remarks section that presents novel ideas, approaches, and challenges for future research. Complete with detailed references and insight on the future directions of biomedical research, *Statistical Advances in the Biomedical Sciences* provides vital statistical guidance to practitioners in the biomedical sciences while also introducing statisticians to new, multidisciplinary frontiers of application. This text is an excellent reference for graduate- and PhD-level courses in various areas of biostatistics and the medical sciences and also serves as a valuable tool for medical researchers, statisticians, public health professionals, and biostatisticians.

[Materials for Optoelectronics](#) Maurice Quillec 1996-01-31 Optoelectronics ranks one of the highest increasing rates among the different industrial branches. This activity is closely related to devices which are themselves extremely dependent on materials. Indeed, the history of optoelectronic devices has been following closely that of the materials. KLUWER Academic Publishers has thus rightly identified "Materials for Optoelectronics" as a good opportunity for a book in the series entitled "Electronic Materials; Science and Technology". Although a sound background in solid state physics is recommended, the authors have confined their contribution to a graduate student level, and tried to define any concept they use, to render the book as a whole as self-consistent as possible. In the first section the basic aspects are developed. Here, three chapters consider semiconductor materials for optoelectronics under various aspects. Prof. G. E. Stillman begins with an introduction to the field from the point of view of the optoelectronic market. Then he describes how III-V materials, especially the Multi Quantum Structures meet the requirements of optoelectronic functions, including the support of microelectronics for optoelectronic integrated circuits. In chapter 2, Prof.

Commonwealth Universities Yearbook 1972 A directory to the universities of the Commonwealth and the handbook of their association.

Interpenetrating Polymer Network: Biomedical Applications Sougata Jana 2020-02-18 The book focuses on novel interpenetrating polymer network (IPN)/semi-IPN technologies for drug delivery and biomedical applications. The dynamism of the design and development of interpenetrating network polymers is based on their ability to provide free volume for the easy encapsulation of drugs in the three-dimensional network structure obtained by cross-linking two or more polymer networks. Natural polymer-based IPNs can deliver drugs at a controlled rate over an extended period of time, while novel IPNs ensure better mechanical strength and sustained/ controlled drug-delivery properties. This book presents an overview of the use of this technology to fabricate nanomedicine, hydrogels, nanoparticles, and microparticles,

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thereby unlocking IPN's potential in the area of drug delivery and biomedical engineering. It also discusses applications of IPN systems in cancer therapy and tissue engineering, and describes the various IPN systems and their wide usage and applications in drug delivery.

Who's Who in Science and Engineering 2008-2009 Marquis Who's Who, Inc. 2007-12

An Introduction to Linear Programming William Wager Cooper 2013-04 An Economic Introduction To Linear Programming By W. W. Cooper And A. Henderson. Lectures On The Mathematical Theory Of Linear Programming By A. Charnes.

An Automatic Cell Counter Leon Bess 1970 Automatic cell counter using analog techniques and standard electronic TV components.

Handbook of Chitin and Chitosan Sabu Thomas 2020-06-19 The Handbook of Chitin and Chitosan: Preparation and Properties, Volume One, is a must-read for polymer chemists, physicists and engineers interested in the development of ecofriendly micro and nanostructured functional materials based on chitin and their various applications. The book addresses the entirety of working with these materials, from their isolation, preparation and properties, through composites, nanomaterials, manufacturing and characterizations. This is the first of three volumes in a series that contains the latest on the major applications of chitin and chitosan based IPN's, blends, gels, composites and nanocomposites, including environmental remediation, biomedical applications and smart material applications. Provides a comprehensive overview of Chitin and Chitosan materials, from their synthesis and nanomaterials, to their manufacture and applications Volume One focuses on the synthesis and properties of Chitosan and/or Chitin Includes contributions from leading researchers across the globe and from industry, academia, government and private research institutions Highlights current status and future opportunities

Who's who in America 1899

Equality in Education: Fairness and Inclusion Hongzhi Zhang 2014-10-24 "Equality in Education: Fairness and Inclusion is a scholarly call to action. As the book reminds us, governments come and go and in doing so they busy themselves with policy to mark their patch. Inequality and exclusion remain stubborn foes that are proving to be somewhat impervious to glossy policy pronouncements. The change that Hugo Claus calls for requires careful analysis and bold actions. The editors have assembled a collection of insightful essays that assist in that project. Professor Roger Slee, Victoria University, Melbourne, Australia This book attempts to consider the notion of fairness and inclusion in the context of education from different national perspectives, which is a laudable undertaking. The Editors have managed to put together a diverse, informative, and interesting account of equality and fairness that transcends international borders. The Editors are to be commended on their remarkable achievement in bringing together so many authors to discuss such an important subject, yet producing a cohesive collection of chapters that elucidate the diverse nature of equity in education. Professor Divya Jindal Snape, University of Dundee, UK"

Vision, Sensing and Analytics: Integrative Approaches Md Atiqur Rahman Ahad 2021-06-05 This book serves as the first guideline of the integrative approach, optimal for our new and young generations. Recent technology advancements in computer vision, IoT

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sensors, and analytics open the door to highly impactful innovations and applications as a result of effective and efficient integration of those. Such integration has brought to scientists and engineers a new approach —the integrative approach. This offers far more rapid development and scalable architecting when comparing to the traditional hardcore developmental approach. Featuring biomedical and healthcare challenges including COVID-19, we present a collection of carefully selective cases with significant added- values as a result of integrations, e.g., sensing with AI, analytics with different data sources, and comprehensive monitoring with many different sensors, while sustaining its readability.

Computational Intelligence Methods for Super-Resolution in Image Processing

Applications Anand Deshpande 2021-05-28 This book explores the application of deep learning techniques within a particularly difficult computational type of computer vision (CV) problem – super-resolution (SR). The authors present and discuss ways to apply computational intelligence (CI) methods to SR. The volume also explores the possibility of using different kinds of CV techniques to develop and enhance the tools/processes related to SR. The application areas covered include biomedical engineering, healthcare applications, medicine, histology, and material science. The book will be a valuable reference for anyone concerned with multiple multimodal images, especially professionals working in remote sensing, nanotechnology and immunology at research institutes, healthcare facilities, biotechnology institutions, agribusiness services, veterinary facilities, and universities.

Who's Who in America 2003 Marquis Who's Who, Inc 2002

Managing aquifer recharge UNESCO 2021-11-25

The Routledge Handbook of English Language Education in Bangladesh Shaila Sultana 2020-12-18 This Handbook is a comprehensive overview of English language education in Bangladesh. Presenting descriptive, theoretical, and empirical chapters as well as case studies, this Handbook, on the one hand, provides a comprehensive view of the English language teaching and learning scenario in Bangladesh, and on the other hand comes up with suggestions for possible decolonisation and de-eliticisation of English in Bangladesh. The Handbook explores a wide range of diverse endogenous and exogenous topics, all related to English language teaching and learning in Bangladesh, and acquaints readers with different perspectives, operating from the macro to the micro levels. The theoretical frameworks used are drawn from applied linguistics, education, sociology, political science, critical geography, cultural studies, psychology, and economics. The chapters examine how much generalisability the theories have for the context of Bangladesh and how the empirical data can be interpreted through different theoretical lenses. There are six sections in the Handbook covering different dynamics of English language education practices in Bangladesh, from history, policy and practice to assessment, pedagogy and identity. It is an invaluable reference source for students, researchers, and policy makers interested in English language, ELT, TESOL, and applied linguistics.

Sustainable Innovations in Textile Chemical Processes Subramanian Senthilkannan Muthu 2018-02-21 This book brings out the innovations in textile wet or chemical processing to alleviate the environmental impacts arising from this sector. The major challenge in the textiles and fashion sector is that it requires a massive sustainable innovation to mitigate the huge environmental impacts arising from chemical or wet processing. This book also discusses

innovations in eco-friendly methods for textile wet processes and applications of enzymes in textiles.

Applied Univariate, Bivariate, and Multivariate Statistics Daniel J. Denis 2021-04-13 AN UPDATED GUIDE TO STATISTICAL MODELING TECHNIQUES USED IN THE SOCIAL AND BEHAVIORAL SCIENCES The revised and updated second edition of Applied Univariate, Bivariate, and Multivariate Statistics: Understanding Statistics for Social and Natural Scientists, with Applications in SPSS and R contains an accessible introduction to statistical modeling techniques commonly used in the social and behavioral sciences. The text offers a blend of statistical theory and methodology and reviews both the technical and theoretical aspects of good data analysis. Featuring applied resources at various levels, the book includes statistical techniques using software packages such as R and SPSS®. To promote a more in-depth interpretation of statistical techniques across the sciences, the book surveys some of the technical arguments underlying formulas and equations. The thoroughly updated edition includes new chapters on nonparametric statistics and multidimensional scaling, and expanded coverage of time series models. The second edition has been designed to be more approachable by minimizing theoretical or technical jargon and maximizing conceptual understanding with easy-to-apply software examples. This important text: Offers demonstrations of statistical techniques using software packages such as R and SPSS® Contains examples of hypothetical and real data with statistical analyses Provides historical and philosophical insights into many of the techniques used in modern social science Includes a companion website that includes further instructional details, additional data sets, solutions to selected exercises, and multiple programming options Written for students of social and applied sciences, Applied Univariate, Bivariate, and Multivariate Statistics, Second Edition offers a text to statistical modeling techniques used in social and behavioral sciences.

Who's Who in the South and Southwest Marquis Who's Who 1998-12 Provides current coverage of a broad range of individuals from across the South and Southwest Includes approximately 17,500 names from the region embracing Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia, Puerto Rico, and the Virgin Islands. Because of its importance and its contiguity to the southwestern United States, Mexico is also covered in this volume.

Developing Climate-Resilient Crops Shah Fahad 2021-07-23 Developing Climate-Resilient Crops: Improving Global Food Security and Safety is timely, as the world is gradually waking up to the fact that a global food crisis of enormous proportions is brewing. Climate change is creating immense problems for agricultural productivity worldwide, resulting in higher food prices. This book elucidates the causative aspects of climate modification related to agriculture, soil, and plants, and discusses the relevant resulting mitigation process and also how new tools and resources can be used to develop climate-resilient crops. Features: Addresses the limits of the anthropogenic global warming theory advocated by the Intergovernmental Panel on Climate Change Presents the main characters (drought tolerance, heat tolerance, water-use efficiency, disease resistance, nitrogen-use efficiency, nitrogen fixation, and carbon sequestration) necessary for climate-resilient agriculture Delivers both theoretical and practical aspects, and serves as baseline information for future research Provides valuable resource for those students engaged in the field of environmental sciences, soil sciences, agricultural microbiology, plant pathology, and agronomy Highlights factors that are threatening future food production

Fiber and Integrated Optics D.B. Ostrowsky 2012-12-06 The Advanced Study Institute on Fiber and Integrated Optics was held at Cargese from June 23 to July 7, 1978, at a time when both fields were undergoing a very rapid evolution. Fiber optics communications systems, in a multimode form, are moving out of laboratories and into practical use, and integrated optics is beginning to produce high performance, single-mode devices. In addition, the spin-off from the technological developments in both fields is beginning to have a growing impact on the general field of experimental physics. The lectures given at Cargese and assembled here illustrate these points and will be of considerable interest to both newcomers and people already in these fields. The lectures in the first eight chapters of the book deal with fiber and optical communications. The second section, chapters 9-13, is devoted essentially to integrated optics. The third section, chapters 14-17, is devoted to technical seminars and the remaining chapters, 18-22, to national reviews and economic aspects of fiber systems. On behalf of the organizing committee, which included Drs. Unger, Arnaud, Scheggi, and Daino, I would like to thank the Scientific Affairs Division of NATO, and in particular its director, Dr. T. Kester, for enabling this Advanced Study Institute to be held. In addition, we would like to offer a very heartfelt thanks to Marie-France Hanseler, who, aided by Aline Medernach and G. Sala, created the memorable atmosphere that pervaded the Institute.

Natural Polymers for Pharmaceutical Applications Amit Kumar Nayak 2019-10-15 In recent years, many animal-derived polymers have emerged as an attractive category of naturally derived polymers because of their advantageous physicochemical, chemical, and biological properties. The important biological properties of these natural polymers derived from animals are biocompatibility and biodegradation. These polymers are generally composed of repeated units of amino acids. Moreover, these polymers can be modified physically and/or chemically to improve their biomaterial properties. *Natural Polymers for Pharmaceutical Applications, Volume 3: Animal-Derived Polymers* looks at how these polymers can be exploited as pharmaceutical excipients in various pharmaceutical dosage forms, like microparticles, nanoparticles, ophthalmic preparations, gels, implants, etc. The commonly used animal-derived polymers used as pharmaceutical excipients are hyaluronic acid (hyaluronan), albumin, collagen, gelatin, chondroitin, etc.

Drug Discovery and Development Omboon Vallisuta 2015-06-03 It is very important for scientists all over the globe to enhance drug discovery research for better human health. This book demonstrates that various expertise are essential for drug discovery including synthetic or natural drugs, clinical pharmacology, receptor identification, drug metabolism, pharmacodynamic and pharmacokinetic research. The following 5 sections cover diverse chapter topics in drug discovery: Natural Products as Sources of Leading Molecules in Drug Discovery; Oncology and Drug Discovery; Receptors Involvement in Drug Discovery; Management and Development of Drugs against Infectious Diseases; Advanced Methodology.

Functional Polysaccharides for Biomedical Applications Sabyasachi Maiti 2019-06-11 *Functional Polysaccharides for Biomedical Applications* examines the fundamentals and properties of these natural materials and their potential biomedical applications. With an emphasis on therapeutic and sensing applications, the book also reviews how polysaccharides can be modified for tissue engineering applications. Sections discuss the basics of polysaccharides, give an overview of the potential applications, look at novel materials and technologies for use in tissue regeneration and therapeutics, and detail current biomedical applications. With a strong focus on materials, engineering and applications, this book is a valuable resource for

those with an interest in harnessing the biomedical potential of natural polymers. Describes strategies for developing polysaccharides-based biomedical devices Illustrates concepts and encompasses scope for clinical development Provides advanced and comprehensive information on biomedical constructs

Management and Technology in Knowledge, Service, Tourism & Hospitality Ford Lumban Gaol 2014-04-29 Management and Technology in Knowledge, Service, Tourism and Hospitality 2013 contains papers covering a wide range of topics in the fields of knowledge and service management, web intelligence, tourism and hospitality. This overview of current state of affairs and anticipated developments will be of interest to researchers, entrepreneurs and students alike.

International Conference on Innovative Computing and Communications Deepak Gupta 2020-07-30 This book includes high-quality research papers presented at the Third International Conference on Innovative Computing and Communication (ICICC 2020), which is held at the Shaheed Sukhdev College of Business Studies, University of Delhi, Delhi, India, on 21-23 February, 2020. Introducing the innovative works of scientists, professors, research scholars, students and industrial experts in the field of computing and communication, the book promotes the transformation of fundamental research into institutional and industrialized research and the conversion of applied exploration into real-time applications.

Introductory Operations Research Harvir Singh Kasana 2013-03-14 Each concept is discussed from the basics and supported by sufficient mathematical background and worked examples. Suitable for individual or group learning, the book offers numerous end-of-chapter problems for study and review.

The Soils of Bangladesh S.M. Imamul Huq 2013-06-28 This book presents a comprehensive overview of the soils of Bangladesh. It is compiled by authors with vast experience in soil related problems and potential mitigation approaches. It discusses the development of Soil Science as an individual discipline in a country with limited resources and where soil plays a pivotal role for the economy; the formation of different agro-climatic regions; and the effects of human-induced soil degradation and climatic change on its soils, geology and geomorphology and major soil types. It examines 'problem soils' and how they are managed, the scenario of soil fertility status, and land and crop management, as well as focusing on the future soils. Topics covered include: the history of soil research in Bangladesh; agro-climatic regions of Bangladesh; soil and climatic change, major soil types; soil maps; soil properties; soil classification; soil fertility; land use and vegetation; land use changes; human-induced soil degradation; soil contaminants; and future soil issues. This book will be a valuable resource for researchers and soil science professionals.

The Great Demographic Illusion Richard Alba 2022-02-22 "A book that examines the growing population of mixed minority-white backgrounds and society"--

Voices to Choices Jennifer L. Solotaroff 2019-06-06 Women have experienced significant changes in various spheres of their lives during the last decades as Bangladesh made economic progress. Yet women's economic engagement and empowerment are subdued, as they cannot make sufficient choices for themselves. This book provides a comprehensive analysis of the economic developments in gender equality in Bangladesh. Through examining

women's participation in the labour force, ownership and control of household assets, use and control of financial assets, and opportunities for entrepreneurship, the authors have made concrete recommendations to overcome challenges that lie ahead for women's economic empowerment. This book is an important contribution to the knowledge on interventions required by the policy makers and broader stakeholders towards narrowing gender gaps. -- Fahmida Khatun, PhD, Executive Director, Centre for Policy Dialogue (CPD), Bangladesh The women's story is central to Bangladesh's economic and social transformation. There is an urgent need to deepen researched understanding of the multidimensional pathways of women's economic empowerment and extent of real progress made. Voices to Choices is an important contribution to this story. Surely, the journey of women's economic empowerment remains a long and challenging one. Realizing the full benefits of new opportunities is often hampered by both new and entrenched insecurities. The task is as much one of empowering women's agency as of dismantling barriers. The responsibility is as much women's as society's. --Hossain Zillur Rahman, PhD, Executive Chairman, Power and Participation Research Centre (PPRC) This book provides critical insights and is timely, as it outlines how girls and women in Bangladesh have gained more opportunities in labor force participation, control over household and financial assets, as well as greater prospects for entrepreneurship. The findings will greatly contribute to future policy and planning for government and key stakeholders working to advance women's economic empowerment in the country. --Sabina Faiz Rashid, PhD, Dean and Professor, BRAC James P. Grant School of Public Health BRAC University

Diaspora Poetics in South Asian English Writings Eeshan Ali 2019-09-12 This volume brings together various discussions on various South Asian Diaspora writers of diverse sociopolitical backgrounds. It provides perspectives drawn from border studies, philosophical studies, and regional issues of South Asia.

Who's who in Finance and Industry 1995

Natural Polymers for Pharmaceutical Applications Amit Kumar Nayak 2019-10-16 This new volume, *Natural Polymers for Pharmaceutical Applications, Volume 1: Plant-Derived Polymers*, presents some of the latest research on the applications of natural polymers in drug delivery and therapeutics for healthcare benefits. Polymers and their applications from several plants are discussed in depth, including tamarind gum, gum Arabic, natural carbohydrate polymer gum tragacanth, pectin, guar gum and its derivatives, locust bean gum, sterculia gum, okra gum, and others. The use of the polymers derived from plants as potential pharmaceutical excipients is expanding day by day because of their stability in the biological system, drug-releasing capability, drug-targeting abilities, as well as their bioavailability.