



stochastic models of science dynamics and research productivity. The book shows that many famous fat tail distributions as well as many deterministic and stochastic models and processes, which are well known from physics, theory of extreme events or population dynamics, occur also in the description of dynamics of scientific systems and in the description of the characteristics of research productivity. This is not a surprise as scientific systems are nonlinear, open and dissipative.

WIS-2004, International Workshop on Webometrics, Informetrics and Scientometrics, 2-5 March 2004 2004 Papers presented at the workshop.

Advances in Computer Vision Kohei Arai 2019-04-23 This book presents a remarkable collection of chapters covering a wide range of topics in the areas of Computer Vision, both from theoretical and application perspectives. It gathers the proceedings of the Computer Vision Conference (CVC 2019), held in Las Vegas, USA from May 2 to 3, 2019. The conference attracted a total of 371 submissions from pioneering researchers, scientists, industrial engineers, and students all around the world. These submissions underwent a double-blind peer review process, after which 118 (including 7 poster papers) were selected for inclusion in these proceedings. The book's goal is to reflect the intellectual breadth and depth of current research on computer vision, from classical to intelligent scope. Accordingly, its respective chapters address state-of-the-art intelligent methods and techniques for solving real-world problems, while also outlining future research directions. Topic areas covered include Machine Vision and Learning, Data Science, Image Processing, Deep Learning, and Computer Vision Applications.

Annual Review of Information Science and Technology Blaise Cronin 2004 ARIST, published annually since 1966, is a landmark publication within the information science community. It surveys the landscape of information science and technology, providing an analytical, authoritative, and accessible overview of recent trends and significant developments. The range of topics varies considerably, reflecting the dynamism of the discipline and the diversity of theoretical and applied perspectives. While ARIST continues to cover key topics associated with "classical" information science (e.g., bibliometrics, information retrieval), editor Blaise Cronin is selectively expanding its footprint in an effort to connect information science more tightly with cognate academic and professional communities.

Information Management in the New Millennium 2002 Papers presented at the Nineteenth Annual Convention of the Society for Information Science and Conference on Information Management in the New Millennium, held at New Delhi during 27-29 January 2000; with special reference to India.

Managing Open Service Innovation Anne-laure Mention 2021-04-22 For the last fifteen years, open innovation has been one of the hottest topics in innovation management research. Digitalisation of the open innovation process has also emerged as a concept of high organisational value. The potential benefits of this concept and how firms organise, or should organise, in order to realize these benefits have been addressed in numerous empirical studies published in scientific journals as well as books. Responding to the need for further conceptual and empirical research on open innovation in services, this book reveals if and how service providers in different service sub-sectors have implemented the concept of open innovation. Based on rich empirical data, the book discusses the benefits and drawbacks, the processes, the characteristics and the management practices of open innovation in private as well as public service organizations. Through a series of empirical case studies focusing on the open innovation practices of different public and private service organizations, this book contributes to deepening our understanding of how the concept of open innovation has been implemented in services, and what challenges, achievements and benefits that are associated with the implementation of open innovation concepts in this sector. These insights it provides can assist managers of both private and public service providers to confidently implement open innovation in an efficient manner in their organizations.

Bibliometrics, Informetrics, and Scientometrics Ashwini Tiwari 2006-01-01 The Advanced Field Of Library And Information Science Deals With The Overall Management Of Libraries And Information Centres Of Various Kinds Of Various Disciplines. The Library And Information Science Personnel And Now More Competitive With The Western

Textbook of Information Science P. S. Kawatra 2000

Technology Transfer and Entrepreneurial Innovations Maribel Guerrero 2021-06-01 Evidence suggests that economies with technology transfer initiatives provide a better supply of high-quality jobs and tend to be characterized by entrepreneurs with higher innovation contributions. This book explores the effectiveness of technology transfer policies and legislation on entrepreneurial innovation in a non-US context. It analyses the theoretical, empirical and managerial implications behind the success of technology transfer policies and legislations in stimulating entrepreneurial innovation; analyses which other contextual condition (e.g., culture) are necessary for successful implementation; and explores the extent and level of replication of US policies (e.g., Bayh-Dole Act, Small Business Innovation Research [SBIR] program) in other national and regional systems. In addition, this book looks at the effect technology transfer policies have on the adoption of open innovation and open science.

Quantifying Approaches to Discourse for Social Scientists Ronny Scholz 2018-11-27 This book provides an overview of a range of quantitative methods, presenting a thorough analytical toolbox which will be of practical use to researchers across the social sciences as they face the challenges raised by new technology-driven language practices. The book is driven by a reflexive mind-set which views quantifying methods as complementary rather than in opposition to qualitative methods, and the chapters analyse a multitude of different intra- and extra-textual context levels essential for the understanding of how meaning is (re-)constructed in society. Uniting contributions from a range of national and disciplinary traditions, the chapters in this volume bring together state-of-the-art research from British, Canadian, French, German and Swiss authors representing the fields of Political Science, Sociology, Linguistics, Computer Science and Statistics. It will be of particular interest to discourse analysts, but also to other scholars working in the digital humanities and with big data of any kind.

International Perspectives and Strategies for Managing an Aging Workforce Ince, Fatma 2022-03-11 Older employees are often seen as an obstacle and not as an opportunity for companies, especially regarding the transfer of knowledge and experience. Effective development and utilization of older professional and managerial employees is an important issue as most organizations are not prepared to tailor their training methods to the needs and preferences of these employees due to negative stereotypes. Managing a rapidly aging workforce and sustaining economic dynamism calls for systematic research to prevent age discrimination due to an incomplete knowledge of older workers and politically challenging policy choices that require strong political commitments, robust management leadership, and social consensus.

International Perspectives and Strategies for Managing an Aging Workforce examines the differences in stereotypes of older employees compared to younger employees in companies; analyzes the impact of the aging workforce on retention, productivity, and well-being; and investigates organizational systems, processes, and practices for managing older workers. Covering a range of topics such as retention and retirement, this reference work is ideal for researchers, academicians, practitioners, business owners, managers, human resource workers, instructors, and students.

Handbook of Quantitative Science and Technology Research Henk F. Moed 2006-02-23 This handbook offers a state-of-the-art overview of quantitative science and technology research. It focuses on the development and application of indicators derived from data on scientific or scholarly publications and patents. It comprises 34 chapters written by leading specialists in the various sub-domains. These chapters deal with theoretical and methodological issues, illustrate applications, and highlight their policy context and relevance. Authors present a survey of the research topics they address, and show their most recent achievements. The 34 chapters are arranged into 5 parts: Disciplinary Approaches; General Methodology; The Science System; The Technology System; and The Science–Technology Interface. The Editor's Introduction provides a further specification of the handbook's scope and of the main topics addressed in its chapters. This handbook aims at four distinct groups of readers: – practitioners in the field of science and technology studies; – research students in this field; – scientists, scholars and technicians who are interested in a systematic, thorough analysis of their activities; – policy makers and administrators who wish

to be informed about the potentialities and limitations of the various approaches and about their results.

A New Science for Future Simon David Hirsbrunner 2021-07-31 Building on concepts from Science & Technology Studies, Simon David Hirsbrunner investigates practices and infrastructures of computer modeling and science communication in climate impact research. The book characterizes how scientists calculate future climate risks in computer models and scenarios, but also how they circulate their insights and make them accessible and comprehensible to others. By discussing elements such as infrastructures, visualizations, models, software and data, the chapters show how computational modeling practices are currently changing in light of digital transformations and expectations for an open science. A number of inventive research devices are proposed to capture both the fluidity and viscosity of contemporary digital technology.

Annals of Library Science and Documentation 1998

Innovations in Measuring and Evaluating Scientific Information Jeyasekar, J. John 2018-03-16 Across a variety of disciplines, data and statistics form the backbone of knowledge. To ensure the reliability and validity of data appropriate measures must be taken in conducting studies and reporting findings. Innovations in Measuring and Evaluating Scientific Information provides emerging research on the theoretical base of scientific research and information literacy. While highlighting topics, such as bibliographical databases, forensic research, and trend analysis, this book explores visualization tools, software, and techniques for science mapping and scientific literature. This book is an important resource for scientific researchers, policy makers, research funding agencies, and students.

Handbook of Bibliometric Indicators Roberto Todeschini 2016-05-04 At last, the first systematic guide to the growing jungle of citation indices and other bibliometric indicators. Written with the aim of providing a complete and unbiased overview of all available statistical measures for scientific productivity, the core of this reference is an alphabetical dictionary of indices and other algorithms used to evaluate the importance and impact of researchers and their institutions. In 150 major articles, the authors describe all indices in strictly mathematical terms without passing judgement on their relative merit. From widely used measures, such as the journal impact factor or the h-index, to highly specialized indices, all indicators currently in use in the sciences and humanities are described, and their application explained. The introductory section and the appendix contain a wealth of valuable supporting information on data sources, tools and techniques for bibliometric and scientometric analysis - for individual researchers as well as their funders and publishers.

Handbook of Libraries, Archives & Information Centres in India: Bibliometrics, scientometrics and informetrics 1984

Innovating in Practice Tiziana Russo-Spena 2016-11-13 The purpose of the book is to devise an alternative conceptual vocabulary for studying innovation by stressing the role of social, contextual and cultural perspectives. This vocabulary is drawn on a service and on sociological perspectives on innovation based on the ontological assumption that innovation is a value co-creation matter and that it takes place in a reality that is multiple, constructed and socially embedded. The aim is to tackle key issues such as social construction, service innovation, knowledge and learning processes, value (co) creation, innovating and innovation activities networking and collaborative innovation.

Handbook Bibliometrics Rafael Ball 2020-12-07 Bibliometrics and altmetrics are increasingly becoming the focus of interest in the context of research evaluation. The Handbook Bibliometrics provides a comprehensive introduction to quantifying scientific output in addition to a historical derivation, individual indicators, institutions, application perspectives and data bases. Furthermore, application scenarios, training and qualification on bibliometrics and their implications are considered.

Lucknow Librarian 1994

SRELS Journal of Information Management 2000

Evaluative Informetrics: The Art of Metrics-Based Research Assessment Cinzia Daraio 2020-07-23 We intend to edit a Festschrift for Henk Moed combining a "best of" collection of his papers and new contributions (original research papers) by authors having worked and collaborated with him. The outcome of this original combination aims to provide an overview of the advancement of the field in the intersection of bibliometrics, informetrics, science studies and research assessment.

ILA Bulletin 2001

Advances in The Human Side of Service Engineering Louis Freund 2019-07-19 If there is any one element to the engineering of service systems that is unique, it is the extent to which the suitability of the system for human use, human service, and excellent human experience has been and must always be considered. An exploration of this emerging area of research and practice, Advances in the Human Side of Service Engineering covers a broad spectrum of ergonomics and human factors issues highlighting the design of contemporary service systems.

An Introduction to Bibliometrics Rafael Ball 2017-09-18 An Introduction to Bibliometrics: New Development and Trends provides a comprehensible, readable and easy to read introduction to bibliometrics. Importantly, the book surveys the latest developments of bibliometrics (such as altmetrics, etc.) and how the field is likely to change over the next decade. In the literature, bibliometrics is generally discussed from one of two perspectives: (1) Purely mathematical/statistical or (2) Its sociological implications. Both approaches are very far from how most users want to apply bibliometrics. This book fills that need by providing tactics on how bibliometrics can be applied to their sphere of scientific activity. Provides readers with an understanding of bibliometric indicators, including their background and significance, classification in quantitative performance, and an evaluation of science and research Includes an overview of the most important indicators, their areas of application, and where and when they should and should not be used Discusses future trends in the quantitative performance evaluation of scientific research

Bibliometrics, Informetrics and Scientometrics Vinod Kumar Singh (Librarian) 2015

International Perspectives on Value Creation and Sustainability Through Social Entrepreneurship Magd, Hesham 2022-05-27 Social entrepreneurship is construed an innovative activity that addresses or mitigates social issues based on self-sufficiency and financial stability. It offers the potential to shift civil society through innovative social ventures that pursue profit and purpose. It is gaining international attention due to the intent of social entrepreneurs to change and to see the world as it can be, not as it is. These changemakers blend lessons from business with the diversity and complexity of social values and in the process pursue opportunities for change. International Perspectives on Value Creation and Sustainability Through Social Entrepreneurship explores various issues and ideas about social entrepreneurship through the lens of theoretical, practical, and empirical research. It provides an international outlook of social entrepreneurship, focusing primarily on value creation and sustainability. Covering topics such as entrepreneurship education, post-COVID perspectives, and private wealth, this premier reference source is an essential resource for entrepreneurs, business leaders, managers, government officials, policymakers, libraries, students and faculty of higher education, researchers, and academicians.