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### KEY=LITERARY - ENRIQUE HODGES

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**Mother Earth, Mother Africa and Biblical Studies Interpretations in the Context of Climate Change** *University of Bamberg Press* **Global Sensitivity Analysis The Primer** *John Wiley & Sons* **Complex mathematical and computational models are used in all areas of society and technology and yet model based science is increasingly contested or refuted, especially when models are applied to controversial themes in domains such as health, the environment or the economy. More stringent standards of proofs are demanded from model-based numbers, especially when these numbers represent potential financial losses, threats to human health or the state of the environment. Quantitative sensitivity analysis is generally agreed to be one such standard. Mathematical models are good at mapping assumptions into inferences. A modeller makes assumptions about laws pertaining to the system, about its status and a plethora of other, often arcane, system variables and internal model settings. To what extent can we rely on the model-based inference when most of these assumptions are fraught with uncertainties? Global Sensitivity Analysis offers an accessible treatment of such problems via quantitative sensitivity analysis, beginning with the first principles and guiding the reader through the full range of recommended practices with a rich set of solved exercises. The text explains the motivation for sensitivity analysis, reviews the required statistical concepts, and provides a guide to potential applications. The book: Provides a self-contained treatment of the subject, allowing readers to learn and practice global sensitivity analysis without further materials. Presents ways to frame the analysis, interpret its results, and avoid potential pitfalls. Features numerous exercises and solved problems to help illustrate the applications. Is authored by leading sensitivity analysis practitioners, combining a range of disciplinary backgrounds. Postgraduate students and practitioners in a wide range of subjects, including statistics, mathematics, engineering, physics, chemistry, environmental sciences, biology, toxicology, actuarial sciences, and econometrics will find much of use here. This book will prove equally valuable to engineers working on risk analysis and to financial analysts concerned with pricing and hedging.** **Fieldwork of Empire, 1840-1900 Intercultural Dynamics in the Production of British Expeditionary Literature** *Routledge* **Fieldwork of Empire, 1840-1900: Intercultural Dynamics in the Production of British Expeditionary Literature** examines the impact of non-western cultural, political, and social forces and agencies on the production of British expeditionary literature; it is a project of recovery. The book argues that such non-western impact was considerable, that it shaped the discursive and material dimensions of expeditionary literature, and that the impact extends to diverse materials from the expeditionary archive at a scale and depth that critics have previously not acknowledged. The focus of the study falls on Victorian expeditionary literature related to Africa, a continent of accelerating British imperial interest in the nineteenth century, but the study's findings have the potential to inform scholarship on European expeditionary, imperial, and colonial literature from a wide variety of periods and locations. The book's analysis is illustrative, not comprehensive. Each chapter targets intercultural encounters and expeditionary literature associated with a specific time period and African region or location. The book suggests that future scholarship - especially in areas such as expeditionary history, geography, cartography, travel writing studies, and book history - needs to adopt much more of a localized, non-western focus if it is to offer a full account of the production of expeditionary discourse and literature. **Crime, Mental Health and the Criminal Justice System in Africa A Psycho-Criminological Perspective** *Springer Nature* **This book aims to serve as a comprehensive resource for a myriad of crime and mental health topics and issues in the African criminal justice system from a psycho-criminological perspective. Crime, Mental Health and the Criminal Justice System in Africa: A Psycho-Criminological Perspective is an ideal primary text for courses in criminology, criminal justice, and forensic psychology, as well as asource of reference for practitioners who deal with offenders or victims. "For a long time, African historiography has been viewed and interpreted from Eurocentric perspectives. This book is a timely contribution towards infusing Afrocentric perspectives in African scholarship by indigenous scholars. The authors' interdisciplinary topical approach, covering a gamut of topics ranging from African criminology, through mental health and psychology, to criminal justice systems, has lent a decolonizing voice toward African literary pursuit and thereby laid a solid foundation for further research by other scholars. I highly recommend it to readers, academic institutions and researchers on Africa."** - Emmanuel Onyeozili, Ph.D., Professor of Criminology and Criminal Justice, Department of

Criminal Justice, University of Maryland Eastern Shore, USA "This edited volume by an array of experts from West and Southern Africa has given a refreshing voice to psycho-criminological narratives in the continent. In a region of the world in which there is insufficient documentation of the patterns, determinants and outcomes of criminal behaviour, this book offers a culturally competent and contemporary flavour to an ancient discourse. Its focus on new areas of concern such as online dating scams, kidnapping and the mental health of officials in the criminal justice system compellingly captures the potential reader and gives good value for time. It is warmly recommended for its breadth of coverage, the authority of its claims and the multi-disciplinary outlook of its authors." - Adegboyega Ogunwale, MBBS, FWACP, Consultant Psychiatrist, Forensic Unit, Neuropsychiatric Hospital, Aro, Ogun State, Nigeria "This collection represents a significant step in the study of mental health, crime and criminal justice in sub-Saharan Africa. The breadth of topics covered is impressive, with each contribution based on methodologically-sound empirical analyses. It deserves to become a key reference for students, researchers and policy makers interested in suicide, drug use, violence, the work of prison officers, criminal investigations, and police-community interactions." - Justice Tankebe, Ph.D., Lecturer, Institute of Criminology, University of Cambridge, UK "Mental health and criminal justice issues are growing problems facing the world today. Questions about whether mental health affects crime or whether involvement in the criminal justice system affects an individual's health have become part of national policy discussion. This nicely written book brings together eminent scholars and experts with extensive experience in their various fields to address these and other questions related to crime, mental health, and criminal justice in Africa. The editors did well to coordinate the efforts of the contributors into a valuable piece. I highly recommend it for all who are interested in the nexus between crime, mental health, and criminal justice systems." - Francis D. Boateng, Ph.D., Assistant Professor, Department of Criminal Justice and Legal Studies, University of Mississippi, USA

**The African Wild Dog Status Survey and Conservation Action Plan** *IUCN* Over the last 30 years the African wild dog population has declined dramatically. Dogs have disappeared from 25 of the 39 countries where they were previously found, and only 6 populations are believed to number more than 100. Today it is believed that only between 3,000-5,500 dogs remain in 600-1,000 packs with most to be found in eastern and southern Africa. The dramatic reduction in their population is attributed to a number of factors including human population growth and activities, deterioration of habitat, and contact with domestic dogs and their diseases. This Action Plan explores some of the reasons behind their disappearance and provides a number of proposed solutions split into 3 priority areas, ranging from habitat management and conservation to monitoring domestic dogs.

**Livestock's Long Shadow Environmental Issues and Options** *Food & Agriculture Org.* "The assessment builds on the work of the Livestock, Environment and Development (LEAD) Initiative"--Pref.

**Intelligent Energy Field Manufacturing Interdisciplinary Process Innovations** *CRC Press* Edited by prominent researchers and with contributions from experts in their individual areas, **Intelligent Energy Field Manufacturing: Interdisciplinary Process Innovations** explores a new philosophy of engineering. An in-depth introduction to Intelligent Energy Field Manufacturing (EFM), this book explores a fresh engineering methodology that not only integrates but goes beyond methodologies such as Design for Six Sigma, Lean Manufacturing, Concurrent Engineering, TRIZ, green and sustainable manufacturing, and more. This book gives a systematic introduction to classic non-mechanical manufacturing processes as well as offering big pictures of some technical frontiers in modern engineering. The book suggests that any manufacturing process is actually a process of injecting human intelligence into the interaction between material and the various energy fields in order to transfer the material into desired configurations. It discusses technological innovation, dynamic M-PIE flows, the generalities of energy fields, logic functional materials and intelligence, the open scheme of intelligent EFM implementation, and the principles of intelligent EFM. The book takes a highly interdisciplinary approach that includes research frontiers such as micro/nano fabrication, high strain rate processes, laser shock forming, materials science and engineering, bioengineering, etc., in addition to a detailed treatment of the so called "non-traditional" manufacturing processes, which covers waterjet machining, laser material processing, ultrasonic material processing, EDM/ECM, etc. Filled with illustrative pictures, figures, and tables that make technical materials more absorbable, the book cuts across multiple engineering disciplines. The majority of books in this area report the facts of proven knowledge, while the behind-the-scenes thinking is usually neglected. This book examines the big picture of manufacturing in depth before diving into the details of an individual process, demonstrating how innovations are achieved. It lowers barriers to technical innovation, meets new engineering challenges, and systematically introduces manufacturing processes.

**151 Trading Strategies** *Springer* The book provides detailed descriptions, including more than 550 mathematical formulas, for more than 150 trading strategies across a host of asset classes and trading styles. These include stocks, options, fixed income, futures, ETFs, indexes, commodities, foreign exchange, convertibles, structured assets, volatility, real estate, distressed assets, cash, cryptocurrencies, weather, energy, inflation, global macro, infrastructure, and tax arbitrage. Some strategies are based on machine learning algorithms such as artificial neural networks, Bayes, and k-nearest neighbors. The book also includes source code for illustrating out-of-sample backtesting, around 2,000 bibliographic references, and more than 900 glossary, acronym and math definitions. The presentation is intended to be descriptive and pedagogical and of particular interest to finance practitioners, traders, researchers, academics, and business school and finance program students.

**Poplars and Willows Trees for Society and the Environment** *CABI* Poplars and willows form an important component of forestry and agricultural systems, providing a wide range of wood and non-wood products. This book synthesizes research on poplars and willows, providing a practical worldwide overview and guide to their basic characteristics, cultivation and use, issues, problems and trends. Prominence is given to environmental benefits and the importance of poplar and willow cultivation in meeting the needs of people and communities, sustainable livelihoods, land use and development.

**Biochar for Environmental Management Science and Technology** *Routledge* Biochar is the

carbon-rich product when biomass (such as wood, manure or crop residues) is heated in a closed container with little or no available air. It can be used to improve agriculture and the environment in several ways, and its stability in soil and superior nutrient-retention properties make it an ideal soil amendment to increase crop yields. In addition to this, biochar sequestration, in combination with sustainable biomass production, can be carbon-negative and therefore used to actively remove carbon dioxide from the atmosphere, with major implications for mitigation of climate change. Biochar production can also be combined with bioenergy production through the use of the gases that are given off in the pyrolysis process. This book is the first to synthesize the expanding research literature on this topic. The book's interdisciplinary approach, which covers engineering, environmental sciences, agricultural sciences, economics and policy, is a vital tool at this stage of biochar technology development. This comprehensive overview of current knowledge will be of interest to advanced students, researchers and professionals in a wide range of disciplines.

**Journal of Economic Literature Applied Multivariate Statistics for the Social Sciences Analyses with SAS and IBM's SPSS, Sixth Edition** *Routledge* Now in its 6th edition, the authoritative textbook *Applied Multivariate Statistics for the Social Sciences*, continues to provide advanced students with a practical and conceptual understanding of statistical procedures through examples and data-sets from actual research studies. With the added expertise of co-author Keenan Pituch (University of Texas-Austin), this 6th edition retains many key features of the previous editions, including its breadth and depth of coverage, a review chapter on matrix algebra, applied coverage of MANOVA, and emphasis on statistical power. In this new edition, the authors continue to provide practical guidelines for checking the data, assessing assumptions, interpreting, and reporting the results to help students analyze data from their own research confidently and professionally. Features new to this edition include: NEW chapter on Logistic Regression (Ch. 11) that helps readers understand and use this very flexible and widely used procedure NEW chapter on Multivariate Multilevel Modeling (Ch. 14) that helps readers understand the benefits of this "newer" procedure and how it can be used in conventional and multilevel settings NEW Example Results Section write-ups that illustrate how results should be presented in research papers and journal articles NEW coverage of missing data (Ch. 1) to help students understand and address problems associated with incomplete data Completely re-written chapters on Exploratory Factor Analysis (Ch. 9), Hierarchical Linear Modeling (Ch. 13), and Structural Equation Modeling (Ch. 16) with increased focus on understanding models and interpreting results NEW analysis summaries, inclusion of more syntax explanations, and reduction in the number of SPSS/SAS dialogue boxes to guide students through data analysis in a more streamlined and direct approach Updated syntax to reflect newest versions of IBM SPSS (21) /SAS (9.3) A free online resources site at [www.routledge.com/9780415836661](http://www.routledge.com/9780415836661) with data sets and syntax from the text, additional data sets, and instructor's resources (including PowerPoint lecture slides for select chapters, a conversion guide for 5th edition adopters, and answers to exercises). Ideal for advanced graduate-level courses in education, psychology, and other social sciences in which multivariate statistics, advanced statistics, or quantitative techniques courses are taught, this book also appeals to practicing researchers as a valuable reference. Pre-requisites include a course on factorial ANOVA and covariance; however, a working knowledge of matrix algebra is not assumed.

**Character Constellations Representations of Social Groups in Present-Day Dutch Literary Fiction** *Leuven University Press* Fiction has a major social impact, not least because it co-shapes the image that society has of various social groups. Drawing on a collection of 170 contemporary Dutch-language novels, *Character Constellations* presents a range of data-driven, statistical models to study depictions of characters in terms of gender, race, ethnicity, class, age, sexuality, and other identity categories. Incorporating the tools of network analysis, each chapter highlights an aspect of fictional social networks that affects the representation of social groups: their centrality, their communities, and their conflicts. While reading individual novels in light of emerging statistical patterns, combining the formal methods of social network analysis with the interpretive tools of narratology, this study shows how central societal themes such as (in)equality and emancipation, integration and segregation, and social mobility and class struggle are foregrounded, replicated, or distorted in the Dutch novel. Showcasing what character-based critiques of literary representation gain by integrating data-driven methods into the practice of critical close reading, *Character Constellations* contributes to societal debates on cultural representation and identity and the role

**Translations from the Scientific Literature Annotated bibliography Africa, the Cradle of Human Diversity Cultural and Biological Approaches to Uncover African Diversity** *Africa-Europe Group for Interd* "This book explores important chapters of past and recent African history from a multidisciplinary perspective. It covers an extensive time range from the evolution of early humans to the complex cultural and genetic diversity of modern-day populations in Africa. Through a comprehensive list of chapters, the book focuses on different time-periods, geographic regions and cultural and biological aspects of human diversity across the continent. Each chapter summarises current knowledge with perspectives from a varied set of international researchers from diverse areas of expertise. The book provides a valuable resource for scholars interested in evolutionary history and human diversity in Africa. Contributors are Shaun Aron, Ananyo Choudhury, Bernard Clist, Cesar Fortes-Lima, Rosa Fregel, Jackson S. Kimambo, Faye Lander, Marlize Lombard, Fidelis T. Masao, Ezekia Mtetwa, Gilbert Pwiti, Michèle Ramsay, Thembi Russell, Carina Schlebusch, Dhriti Sengupta, Plan Shenjere-Nyabezi, Mário Vicente"--

**Self-leadership** *Emerald Group Publishing* **Macroeconomic Modelling of R&D and Innovation Policies** *Springer Nature* This open access book encompasses a collection of in-depth analyses showcasing the challenges and ways forward for macroeconomic modelling of R&D and innovation policies. Based upon the proceedings of the EC-DG JRC-IEA workshop held in Brussels in 2017, it presents cutting-edge contributions from a number of leading economists in the field. It provides a comprehensive overview of the current academic and policy challenges surrounding R&D as well as of the state-of-the-art modelling techniques. The book brings to the forefront outstanding issues related to the assessment of the macroeconomic impact of R&D policies and its modelling. It speaks to the rising importance of R&D and innovation

policy, and the proliferation of macroeconomic models featuring endogenous technological change. The contents of this book will be of interest to both academic and policy audiences working in the fields of R&D and innovation. **History of the Akkadian Language (2 vols)** *BRILL* History of the Akkadian Language offers a detailed chronological survey of the oldest known Semitic language and one of history's longest written records. The outcome is presented in 26 chapters written by 25 leading authors. **Stereotype The Role of Grave Sets in Corded Ware and Bell Beaker Funerary Practices Throughout northern Europe**, thousands of burial mounds were erected in the third millennium BCE. Starting in the Corded Ware culture, individual people were being buried underneath these mounds, often equipped with an almost rigid set of grave goods. This practice continued in the second half of the third millennium BCE with the start of the Bell Beaker phenomenon. In large parts of Europe, a 'typical' set of objects was placed in graves, known as the 'Bell Beaker package'. This book focusses on the significance and meaning of these Late Neolithic graves. Why were people buried in a seemingly standardized manner, what did this signify and what does this reveal about these individuals, their role in society, their cultural identity and the people that buried them? By performing in-depth analyses of all the individual grave goods from Dutch graves, which includes use-wear analysis and experiments, the biography of grave goods is explored. How were they made, used and discarded? Subsequently the nature of these graves themselves are explored as contexts of deposition, and how these are part of a much wider 'sacrificial landscape'. A novel and comprehensive interpretation is presented that shows how the objects from graves were connected with travel, drinking ceremonies and maintaining long-distance relationships. **Pandex Current Index to Scientific and Technical Literature U.S. Government Research Reports Tackling Long-Term Global Energy Problems The Contribution of Social Science** *Springer Science & Business Media* This book makes a case for a multidisciplinary and transdisciplinary approach to energy research—one that brings more of the social sciences to bear. Featuring eight studies from across the spectrum of the social sciences, each applying multiple disciplines to one or more energy-related problems, the book demonstrates the strong analytical and policy-making potential of such a broadened perspective. Case studies include: energy transitions of households in developing countries, the 'curse of oil', politics and visions for renewables, economics and ethics in emissions trading, and carbon capture and storage. **The Security-development Nexus Expressions of Sovereignty and Securitization in Southern Africa** *HSRC Press* The link between security and development has been rediscovered after 9/11 by a broad range of scholars. Focusing on Southern Africa, the Security-Development Nexus shows that the much debated linkage is by no means a recent invention. Rather, the security/development linkage has been an important element of the state policies of colonial as well as post-colonial regimes during the Cold War, and it seems to be prospering in new configurations under the present wave of democratic transitions. Contributors focus on a variety of contexts from South Africa, Mozambique and Namibia, to Zimbabwe and Democratic Congo; they explore the nexus and our understanding of security and development through the prism of peace-keeping interventions, community policing, human rights, gender, land contests, squatters, nation and state-building, social movements, DDR programmes and the different trajectories democratization has taken in different parts of the region. **Bibliography of Agriculture Untangling Smart Cities From Theory to Practice** *Elsevier* Untangling Smart Cities: From Theory to Practice helps all key stakeholders understand the complex and often conflicting nature of smart city research, offering valuable insights for designing and implementing strategies to improve the smart city decision-making processes. The book drives the reader to a better theoretical and practical comprehension of smart city development, beginning with a thorough and systematic analysis of the research literature published to date. The book provides an in-depth understanding of the entire smart city knowledge domain, revealing a deeply rooted division in its cognitive-epistemological structure as identified by bibliometric insights. Untangling Smart Cities fills the knowledge gap between theory and practice using case study research, with empirical evidence drawn from cities considered leaders in innovative smart city practices. An invaluable contribution to the growing scientific literature, Untangling Smart Cities provides an accurate and deep understanding of the strategic principles driving smart city development. Provides clarity on the smart city concepts and strategies Provides a systematic literature analysis on the state-of-the-art of Smart Cities research using bibliometrics combined with practical application to guide smart systems implementation Offers a comprehensive and systematic analysis of Smart Cities research produced during its first three decades, driven by statistical analysis techniques Generates a strong connection between theory and practice by providing the scientific knowledge necessary to approach the complex nature of Smart Cities sourced from the analysis of actual best practices Documents five main development pathways for smart cities development, serving the needs of city managers and policy makers with concrete advice and guidance **Engineering Play A Cultural History of Children's Software** *MIT Press* How the influential industry that produced such popular games as Oregon Trail and KidPix emerged from experimental efforts to use computers as tools in child-centered learning. Today, computers are part of kids' everyday lives, used both for play and for learning. We envy children's natural affinity for computers, the ease with which they click in and out of digital worlds. Thirty years ago, however, the computer belonged almost exclusively to business, the military, and academia. In Engineering Play, Mizuko Ito describes the transformation of the computer from a tool associated with adults and work to one linked to children, learning, and play. Ito gives an account of a pivotal period in the 1980s and 1990s, which saw the rise of a new category of consumer software designed specifically for elementary school-aged children. "Edutainment" software sought to blend various educational philosophies with interactive gaming and entertainment, and included such titles as Number Munchers, Oregon Trail, KidPix, and Where in the World Is Carmen Sandiego?. The children's software boom (and the bust that followed), says Ito, can be seen as a microcosm of the negotiations surrounding new technology, children, and education. The story she tells is both a testimonial to the transformative power of innovation and a cautionary tale about its limitations. **The Geography of South Africa Contemporary Changes and New Directions** *Springer* This edited collection examines contemporary directions in

geographical research on South Africa. It encompasses a cross section of selected themes of critical importance not only to the discipline of Geography in South Africa, but also of relevance to other areas of the Global South. All chapters are original contributions, providing a state of the art research baseline on key themes in physical, human and environmental geography, and in understanding the changing geographical landscapes of modern South Africa. These contributions set the scene for an understanding of the relationships between modern South Africa and the wider contemporary world, including issues of sustainable development and growth in the Global South. *Restoring Lands - Coordinating Science, Politics and Action Complexities of Climate and Governance Springer Science & Business Media* Environmental issues, vast and varied in their details, unfold at the confluence of people and place. They present complexities in their biophysical details, their scope and scale, and the dynamic character of human action and natural systems. Addressing environmental issues often invokes tensions among battling interests and competing priorities. Air and water pollution, the effects of climate change, ecosystem transformations—these and other environmental issues involve scientific, social, economic, and institutional challenges. This book analyzes why tackling many of these problems is so difficult and why sustainability involves more than adoption of greener, cleaner technologies. Sustainability, as discussed in this book, involves knowledge flows and collaborative decision processes that integrate scientific and technological methods and tools, political and governance structures and regimes, and social and community values. The authors synthesize a holistic and adaptive approach to rethinking the framework for restoring healthy ecosystems that are the foundation for thriving communities and dynamic economies. This approach is that of collective action. Through their research and practical experiences, the authors have learned that much wisdom resides among diverse people in diverse communities. New collaborative decision-making institutions must reflect that diversity and tap into its wisdom while also strengthening linkages among scientists and decision makers. From the pre-publication reviews: “Finally, we have a book that explains how science is irrelevant without people. It’s people who decide when and how to use science, not scientists. This book gives us a roadmap for how to really solve complex problems. It involves hard work, and creating new relationships between scientists and the public that don’t typically exist in our society.” -John M. Hagan, Ph.D. President, Manomet Center for Conservation Sciences *Insider Trading Global Developments and Analysis CRC Press Essential Reading on an Expanding Phenomenon* The recent growth in mergers and acquisitions worldwide has been accompanied by a resurgence in insider trading on a scale not witnessed since the 1980s takeovers boom. Given the greater emphasis on insider trading in the global securities markets, this text combines the latest law and finance research on this ever-intriguing area with timely, expert perspectives to comprehensively cover the established US, European, and Asia-Pacific securities markets, as well as the key emerging markets of Brazil and the greater China region. *Addresses These Fundamental Questions: What are the relative costs and benefits of insider trading? What is the rationale for criminalizing insider trading? Should insider trading that causes security prices to rise be subjected to harsher criminal and civil sanctions than trading that decreases securities costs? Examines Newsworthy and Recent Case Histories* This text brings together econometric analysis of insider trading with qualitative papers that focus on insider trading regulation. This combination of legal and economic perspectives makes *Insider Trading: Regulation and Analysis* a useful reference not only for financial academics, but also securities attorneys and managers and those involved with corporate governance. Recently, the SEC Chairman called insider trading a major risk for US financial markets - a public acknowledgement that the prosecution of insider trading is a priority for the US Securities and Exchange Commission. This speaks to the need for this publication as a guide to the wide-reaching and highly relevant area of insider trading. *Elements of Human Performance Reaction Processes and Attention in Human Skill Psychology Press* This book presents a review of research on reaction processes and attention as it has evolved over the last 40 years in the context of the information processing tradition in cognitive psychology. It is argued and demonstrated that issues of reaction processes and attention are closely interconnected. Their common conceptualization can be seen in terms of limited processing capacity on the one hand, and stage analysis on the other. This volume concludes that, at present, a stage analysis metaphor offers better prospects as a conceptual starting point; the limited capacity metaphor was strongly tied to the digital computers of the 60s. The emphasis of the book is on behavioral research, but summaries of related findings on evoked potentials and other psychophysiological variables are included as well. From this perspective, it may be of interest to neuropsychologists who want to learn about the present state of cognitive experimental paradigms. *Elements of Human Performance* also addresses the question of the relationship between basic research and applications in the said areas. This is particularly urgent in view of the now common notion that the results of many simplified laboratory tasks may be artifactual and of little applied value. A back-to-back research strategy is outlined to assess the validity of basic research results for real-life tasks. *Biogeography An Ecological and Evolutionary Approach The Psychology of Financial Consumer Behavior Springer* This book stresses the psychological perspective in explaining financial behavior. Traditionally, financial behaviors such as saving, spending, and investing have been explained using demographic and economic factors such as income and product pricing. The consequence of this way of thinking is that financial institutions view their clients mostly from the perspective of their income. By taking a psychological approach, this book stresses the perspective of consumers confronted with a quickly changing financial world: the changing of financial offers and products (savings, investments, loans), the changing of payment methods (from cash to cheques, cards and mobile payments), the accessibility and temptation of goods, and the changing of insurance and pension systems. *The Psychology of Financial Consumer Behavior* provides insight into the thought processes of consumers in a variety of financial topics. Coverage includes perceptions of wealth, the pleasure or pain of spending, cashless transactions, saving and investing, loans, planning for the future, taxes, and financial education. The book holds appeal for researchers, professionals, and students in economics, psychology, economic psychology, marketing and

consumer science, or anyone interested in financial behaviors. **Heart Rate Variability** *Springer Science & Business Media* This book not only discusses clinical applications, but also links HRV to systems biology and theories of complexity. This publication should be interesting for several groups of clinicians and scientists, including cardiologists, anesthesiologists, intensivists and physiologists. Heart Rate Variability is in principle easy and cheap, making it interesting for all kind of hospitals and private practice. The book will be an example of using translational medicine (bench to bedside) where newest theoretical results are linked to newest clinical research. **Solar Cell Array Design Handbook The Principles and Technology of Photovoltaic Energy Conversion** *Springer Science & Business Media* **Handbook of Bilingualism Psycholinguistic Approaches** *Oxford University Press* How is language acquired when infants are exposed to multiple language input from birth and when adults are required to learn a second language after early childhood? This handbook will be essential reading for cognitive psychologists, linguists, applied linguists, and educators who wish to better understand the cognitive basis of bilingualism and the logic of experimental and formal approaches to language science. **The Palgrave Handbook of Volunteering, Civic Participation, and Nonprofit Associations** *Springer* Written by over 200 leading experts from over seventy countries, this handbook provides a comprehensive, state-of-the-art overview of the latest theory and research on volunteering, civic participation and nonprofit membership associations. The first handbook on the subject to be truly multinational and interdisciplinary in its authorship, it represents a major milestone for the discipline. Each chapter follows a rigorous theoretical structure examining definitions, historical background, key analytical issues, usable knowledge, and future trends and required research. The nine parts of the handbook cover the historical and conceptual background of the discipline; special types of volunteering; the major activity areas of volunteering and associations; influences on volunteering and association participation; the internal structures of associations; the internal processes of associations; the external environments of associations; the scope and impacts of volunteering and associations; and conclusions and future prospects. This handbook provides an essential reference work for third-sector research and practice, including a valuable glossary of terms defining over eighty key concepts. Sponsored by the International Council of Voluntarism, Civil Society, and Social Economy Researcher Associations (ICSERA; [www.icsera.org](http://www.icsera.org)), it will appeal to scholars, policymakers and practitioners, and helps to define the emergent academic discipline of voluntaristics. **Measurement, Analysis and Remediation of Environmental Pollutants** *Springer Nature* This book discusses contamination of water, air, and soil media. The book covers health effects of such contamination and discusses remedial measures to improve the situation. Contributions by experts provide a comprehensive discussion on the latest developments in the detection and analysis of contaminants, enabling researchers to understand the evolution of these pollutants in real time and develop more accurate source apportionment of these pollutants. The contents of this book will be of interest to researchers, professionals, and policy makers alike. **UK Study of Abuse and Neglect of Older People Prevalence Survey Report "The UK Study of the Abuse and Neglect of Older People, carried out by the National Center for Social Research (NatCen) and King's College London (KCL), was commissioned by Comic Relief and the Department of Health. Over 2,100 people in England, Scotland, Wales, and Northern Ireland took part in the survey between March and September 2006. The survey included people aged 66 and over living in private households (including sheltered accommodation)."**--Page 3. **Index Medicus Vols. for 1963-** include as pt. 2 of the Jan. issue: **Medical subject headings. Good Humor, Bad Taste A Sociology of the Joke** *Walter de Gruyter GmbH & Co KG* This is an updated edition of *Good Humor, Bad Taste: A Sociology of the Joke*, published in 2006. Using a combination of interview materials, survey data, and historical materials, it explores the relationship between humor and gender, age, social class, and national differences in the Netherlands and the United States. This edition includes new developments and research findings in the field of humor studies.