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Dementia Praecox, Or, The Group of Schizophrenias Eugen Bleuler 1987

Non-Human Nature in World Politics Joana Castro Pereira 2020-08-26 This book explores the interconnections between world politics and non-human nature to overcome the anthropocentric boundaries that characterize the field of international relations. By gathering contributions from various perspectives, ranging from post-humanism and ecological modernization, to new materialism and post-colonialism, it conceptualizes the embeddedness of world politics in non-human nature, and proposes a reorientation of political practice to better address the challenges posed by climate change and the deterioration of the Earth's ecosystems. The book is divided into two main parts, the first of which addresses new ways of theoretically conceiving the relationship between non-human nature and world politics. In turn, the second presents empirical investigations into specific case studies, including studies on state actors and international organizations and bodies. Given its scope and the new perspectives it shares, this edited volume represents a uniquely valuable contribution to the field.

Broken Knight L J Shen 2019-08-16 "Everyone needs to read this book. I'm certain you won't feel a single regret." - Harloe Rae, USA Today Bestselling author. From USA Today and Washington Post bestselling author L.J. Shen comes a new, standalone romance about first loves, betrayal and loss. Not all love stories are written the same way. Ours had torn chapters, missing paragraphs, and a bittersweet ending. Luna Rexroth is everyone's favorite wallflower. Sweet. Caring. Charitable. Quiet. Fake. Underneath the meek, tomboy exterior everyone loves (yet pities) is a girl who knows exactly what, and who, she wants—namely, the boy from the treehouse who taught her how to curse in sign language. Who taught her how to laugh. To live. To love. Knight Cole is everyone's favorite football hero. Gorgeous. Athletic. Rugged. Popular. Liar. This daredevil hell-raiser could knock you up with his gaze alone, but he only has eyes for the girl across the street: Luna. But Luna is not who she used to be. She doesn't need his protection anymore. When life throws a curveball at All Saints' golden boy, he's forced to realize not all knights are heroes. Sometimes, the greatest love stories flourish in tragedy.

Misery Loves Cabernet Kim Gruenenfelder 2009-04-14 Charlize "Charlie" Edwards finally has it all: a house in Silverlake, L.A.'s hippest neighborhood, two fabulous best friends who always have her back, and a great (though hectic) job as the personal assistant to Hollywood's hottest movie star, Drew Stanton. But best of all, Charlie has a newly feathered love nest with Jordan, the sexy photographer she recently started dating. Maybe Charlie's journal of smart-alecky life advice—which she's always been better at writing than following—has finally helped put her on the right track. Unfortunately for Charlie, Drew is causing complete havoc on his new movie set, her eccentric family is descending upon L.A. for the upcoming holiday season, and her love life may be back to square one. Jordan has left L.A. to work on a film shooting in Paris, where the women are gorgeous, sophisticated, and possibly after her man. And Drew's handsome new producer, Liam, is an old crush who has reappeared to tug at Charlie's heartstrings. Charlie's torn between the misery of waiting for Jordan and the tingly feelings she has for Liam. But there's nothing misery—or seduction—loves better than a great glass of cabernet.

Causes of War Jack S. Levy 2011-09-15 Written by leading scholars in the field, Causes of War provides the first comprehensive analysis of the leading theories relating to the origins of both interstate and civil wars. Utilizes historical examples to illustrate individual theories throughout Includes an analysis of theories of civil wars as well as interstate wars -- one of the only texts to do both Written by two former International Studies Association Presidents

Exploits and Adventures of a Soldier Ashore and Afloat William Llewellyn Adams 1911

Decision Making with Spherical Fuzzy Sets Cengiz Kahraman 2020-05-27 This book introduces readers to the novel concept of spherical fuzzy sets, showing how these sets can be applied in practice to solve various decision-making problems. It also demonstrates that these sets provide a larger preference volume in 3D space for decision-makers. Written by authoritative researchers, the various chapters cover a large amount of theoretical and practical information, allowing readers to gain an extensive understanding of both the fundamentals and applications of spherical fuzzy sets in intelligent decision-making and mathematical programming.

Let's Pretend This Never Happened Jenny Lawson 2012-04-17 The #1 New York Times bestselling (mostly true) memoir from the hilarious author of *Furiously Happy*. "Gaspingly funny and wonderfully inappropriate."—O, The Oprah Magazine When Jenny Lawson was little, all she ever wanted was to fit in. That dream was cut short by her fantastically unbalanced father and a morbidly eccentric childhood. It did, however, open up an opportunity for Lawson to find the humor in the strange shame-spiral that is her life, and we are all the better for it. In the irreverent *Let's Pretend This Never Happened*, Lawson's long-suffering husband and sweet daughter help her uncover the surprising discovery that the most terribly human moments—the ones we want to pretend never happened—are the very same moments that make us the people we are today. For every intellectual misfit who thought they were the only ones to think the things that Lawson dares to say out loud, this is a poignant and hysterical look at the dark, disturbing, yet wonderful moments of our lives. Readers Guide Inside

Merriam-Webster's Vocabulary Builder Mary W. Cornog 1998 The ideal book for people who want to increase their word power. Thorough coverage of 1,200 words and 240 roots while introducing 2,300 words. The Vocabulary Builder is organized by Greek and Latin roots for effective study with nearly 250 new words and roots. Includes quizzes after each root discussion to test progress. A great study aid for students preparing to take standardized tests.

HACCP and ISO 22000 Ioannis S. Arvanitoyannis 2009-11-09 Food Safety is an increasingly important issue. Numerous foodcrises have occurred internationally in recent years (the use of the dye Sudan Red I; the presence of acrylamide in various fried and baked foods; mislabelled or unlabelled genetically modified foods; and the outbreak of variant Creutzfeldt-Jakob disease) originating in both primary agricultural production and in the food manufacturing industries. Public concern at these and other events has led government agencies to implement a variety of legislative actions covering many aspects of the food chain. This book presents and compares the HACCP and ISO 22000:2005 food safety management systems. These systems were introduced to improve and build upon existing systems in an attempt to address the kinds of failures which can lead to food crises. Numerous practical examples illustrating the application of ISO 22000 to the manufacture of food products of animal origin are presented in this extensively-referenced volume. After an opening chapter which introduces ISO 22000 and compares it with the well-established HACCP food safety management system, a summary of international legislation relating to safety in foods of animal origin is presented. The main part of the book is divided into chapters which are devoted to the principle groups of animal-derived food products: dairy, meat, poultry, eggs and seafood. Chapters are also included on catering and likely future directions. The book is aimed at food industry managers and consultants; government officials responsible for food safety monitoring; researchers and advanced students interested in food safety.

Intelligence Analysis National Research Council 2011-04-08 The U.S. intelligence community (IC) is a complex human enterprise whose success depends on how well the people in it perform their work. Although often aided by sophisticated technologies, these people ultimately rely on their own intellect to identify, synthesize, and communicate the information on which the nation's security depends. The IC's success depends on having trained, motivated, and thoughtful people working within organizations able to understand, value, and coordinate their capabilities. Intelligence Analysis provides up-to-date scientific guidance for the intelligence community (IC) so that it might improve individual and group judgments, communication between analysts, and analytic processes. The papers in this volume provide the detailed evidentiary base for the National Research Council's report, *Intelligence Analysis for Tomorrow: Advances from the Behavioral and Social Sciences*. The opening chapter focuses on the structure, missions, operations, and characteristics of the IC while the following 12 papers provide in-depth reviews of key topics in three areas: analytic methods, analysts, and organizations. Informed by the IC's unique missions and constraints, each paper documents the latest advancements of the relevant science and is a stand-alone resource for the IC's leadership and workforce. The collection allows readers to focus on one area of interest (analytic methods, analysts, or organizations) or even one particular aspect of a category. As a collection, the volume provides a broad perspective of the issues involved in making difficult decisions, which is at the heart of intelligence analysis.

Aging, Technology and Health Richard Pak 2018-03-15 Aging, Health and Technology takes a problem-centered approach to examine how older adults use technology for health. It examines the many ways in which technology is being used by older adults, focusing on challenges, solutions and perspectives of the older user. Using aging-health technology as a lens, the book examines issues of technology adoption, basic human factors, cognitive aging, mental health, aging and usability, privacy, trust and automation. Each chapter takes a case study approach to summarize lessons learned from unique examples that can be applied to similar projects, while also providing general information about older adults and technology. Discusses human factors design challenges specific to older adults Covers the wide range of health-related uses for technology—from fitness to leading a more engaged life Utilizes a case study approach for practical application Envisions what the future will hold for technology and older adults Employs a roster of interdisciplinary contributors

Google Earth Engine Applications Lalit Kumar 2019-04-23 In a rapidly changing world, there is an ever-increasing need to monitor the Earth's resources and manage it sustainably for future generations. Earth observation from satellites is critical to provide information required for informed and timely decision making in this regard. Satellite-based earth observation has advanced rapidly over the last 50 years, and there is a plethora of satellite sensors imaging the Earth at finer spatial and spectral resolutions as well as high temporal resolutions. The amount of data available for any single location on the Earth is now at the petabyte-scale. An ever-increasing capacity and computing power is needed to handle such large datasets. The Google Earth Engine (GEE) is a cloud-based computing platform that was established by Google to support such data processing. This facility allows for the storage, processing and analysis of spatial data using centralized high-power computing resources, allowing scientists, researchers, hobbyists and anyone else interested in such fields to mine this data and understand the changes occurring on the Earth's surface. This book presents research that applies the Google Earth Engine in mining, storing, retrieving and processing spatial data for a variety of applications that include vegetation monitoring, cropland mapping, ecosystem assessment, and gross primary productivity, among others. Datasets used range from coarse spatial resolution data, such as MODIS, to medium resolution datasets (Worldview -2), and the studies cover the entire globe at varying spatial and temporal scales.

Communication and Content Prashant Parikh Communication and content presents a comprehensive and foundational account of meaning based on new versions of situation theory and game theory. The literal and implied meanings of an utterance are derived from first principles assuming little more than the partial rationality of interacting agents. New analyses of a number of diverse phenomena – a wide notion of ambiguity and content encompassing phonetics, syntax, semantics, pragmatics, and beyond, vagueness, convention and conventional meaning, indeterminacy, universality, the role of truth in communication, semantic change, translation, Frege's puzzle of informative identities – are developed. Communication, speaker meaning, and reference are defined. Frege's context and compositional principles are generalized and reconciled in a fixed-point principle, and a detailed critique of Grice, several aspects of Lewis, and some aspects of the Romantic conception of meaning are offered. Connections with other branches of linguistics, especially psycholinguistics, sociolinguistics, historical linguistics, and natural language processing, are explored. The book will be of interest to scholars in philosophy, linguistics, artificial intelligence, and cognitive science. It should also interest readers in related fields like literary and cultural theory and the social sciences. "This book is the culmination of Prashant Parikh's long and deep work on fundamental questions of language and how they can be illuminated by game-theoretic analysis." — Roger Myerson, 2007 Nobel Laureate in Economics, University of Chicago "Prashant Parikh has, over the years, accumulated a substantial and impressive body of work on the nature of language, deploying the resources of game theory. Communication and content is a vastly ambitious culmination of this lifelong pursuit. It covers a tremendously wide range of themes and critically discusses an enormous range of writing on those themes from diverse intellectual traditions, as it systematically develops a game-theoretic account of content in the communicative contexts in which human linguistic capacities are employed, eschewing standard distinctions between semantics and pragmatics, and offering instead a highly integrated elaboration of the slogan "meaning is use". It is a work that is at once creative yet conscientious, bold yet rigorously technical, systematic yet sensitive to contingency and context. It will abundantly reward close

study." — Akeel Bilgrami, Sidney Morgenbesser Professor of Philosophy, Columbia University "Prashant Parikh has made fundamental contributions to the game-theoretic analysis of linguistic meaning. Communication and content summarizes and extends this important work, offering a truly novel approach to the strategic foundations of meaning. This approach finds a way out of the prison of methodological solipsism and opens up the study of linguistic meaning to scientific study." — Robin Clark, Linguistics, University of Pennsylvania "A pioneering attempt to work out things like literal meaning, modulation, enrichment, implicature, etc. in mathematical detail within a game-theoretic framework." — François Recanati, Chair, Philosophy of Language and Mind, Collège de France "Communication and content is the crowning achievement of a long line of research pioneered by Prashant Parikh. In this groundbreaking work Parikh introduces a fresh perspective on natural language pragmatics, by making a creative tie with game theory. Clearly written, Communication and content weaves together semantics, game theory, and situation theory to create a thought-provoking picture of natural language pragmatics. Every modern AI researcher interested in the foundations of natural language pragmatics owes it to him- or herself to become familiar with this picture." — Yoav Shoham, Computer Science Department, Stanford University

Collaboration Across Boundaries for Social-Ecological Systems Science Stephen G. Perz 2019-03-30 Collaboration across boundaries is widely recognized as a vital requisite for the advancement of innovative science to address problems such as environmental degradation and global change. This book takes collaboration across boundaries seriously by focusing on the many challenges and practices involved in team science when spanning disciplinary, organizational, national and other divides. The authors draw on a shared framework for managing the challenges of collaboration across boundaries as applied to the science of understanding complex social-ecological systems. Teams working across boundaries on diverse social-ecological systems in countries around the world report their challenges and share their practices, outcomes and lessons learned. From these diverse experiences arise many commonalities and also some important differences. These provide the basis for a set of recommendations to any collaborators intending to use science as a tool to better understand social-ecological systems and to improve their management and governance.

The Framingham Eye Study National Institutes of Health (U.S.) 1975

The Only Road Alexandra Diaz 2016-10-04 PURA BELPRÉ HONOR BOOK ALA NOTABLE BOOK "An important, must-have addition to the growing body of literature with immigrant themes." —School Library Journal (starred review) Twelve-year-old Jaime makes the treacherous and life-changing journey from his home in Guatemala to live with his older brother in the United States in this "powerful and timely" (Booklist, starred review) middle grade novel. Jaime is sitting on his bed drawing when he hears a scream. Instantly, he knows: Miguel, his cousin and best friend, is dead. Everyone in Jaime's small town in Guatemala knows someone who has been killed by the Alphas, a powerful gang that's known for violence and drug trafficking. Anyone who refuses to work for them is hurt or killed—like Miguel. With Miguel gone, Jaime fears that he is next. There's only one choice: accompanied by his cousin Ángela, Jaime must flee his home to live with his older brother in New Mexico. Inspired by true events, The Only Road is an individual story of a boy who feels that leaving his home and risking everything is his only chance for a better life. The story is "told with heartbreaking honesty," Booklist raved, and "will bring readers face to face with the harsh realities immigrants go through in the hope of finding a better, safer life, and it will likely cause them to reflect on what it means to be human."

Born to Run Christopher McDougall 2011-03-29 NATIONAL BESTSELLER • The astonishing and hugely entertaining story that completely changed the way we run. An epic adventure that began with one simple question: Why does my foot hurt? "Equal parts quest, physiology treatise, and running history.... The climactic race reads like a sprint.... It simply makes you want to run." —Outside Magazine Isolated by Mexico's deadly Copper Canyons, the blissful Tarahumara Indians have honed the ability to run hundreds of miles without rest or injury. In a riveting narrative, award-winning journalist and often-injured runner Christopher McDougall sets out to discover their secrets. In the process, he takes his readers from science labs at Harvard to the sun-baked valleys and freezing peaks across North America, where ever-growing numbers of ultra-runners are pushing their bodies to the limit, and, finally, to a climactic race in the Copper Canyons that pits America's best ultra-runners against the tribe. McDougall's incredible story will not only engage your mind but inspire your body when you realize that you, indeed all of us, were born to run. 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.

Foundations of Effective Influence Operations Eric Victor Larson 2009 The authors aim to assist the U.S. Army in understanding "influence operations," capabilities that may allow the United States to effectively influence the attitudes and behavior of particular foreign audiences while minimizing or avoiding combat. The book identifies approaches, methodologies, and tools that may be useful in planning, executing, and assessing influence operations.

Understanding Morphology Martin Haspelmath 2013-10-28 This new edition of Understanding Morphology has been fully revised in line with the latest research. It now includes 'big picture' questions to highlight central themes in morphology, as well as research exercises for each chapter. Understanding Morphology presents an introduction to the study of word structure that starts at the very beginning. Assuming no knowledge of the field of morphology on the part of the reader, the book presents a broad range of morphological phenomena from a wide variety of languages. Starting with the core areas of inflection and derivation, the book presents the interfaces between morphology and syntax and between morphology and phonology. The synchronic study of word structure is covered, as are the phenomena of diachronic change, such as analogy and grammaticalization. Theories are presented clearly in accessible language with the main purpose of shedding light on the data, rather than as a goal in themselves. The authors consistently draw on the best research available, thus utilizing and discussing both functionalist and generative theoretical approaches. Each chapter includes a summary, suggestions for further reading, and exercises. As such this is the ideal book for both beginning students of linguistics, or anyone in a related discipline looking for a first introduction to morphology.

The Spread of Nuclear Weapons Scott Douglas Sagan 1995 Two scholars of international politics debate the issue of nuclear proliferation beyond the superpowers, presenting arguments for "more will be better" and "more will be worse"

War and Peace in International Rivalry Paul F. Diehl 2010-06-02 This book provides the first detailed analysis of international rivalries, the long-standing and often violent confrontations between the same pairs of states. The book addresses conceptual components of rivalries and explores the origins, dynamics, and termination of the most dangerous form of rivalry—enduring rivalry—since 1816. Paul Diehl and Gary Goertz identify 1166 rivalries since 1816. They label sixty-three of those as enduring rivalries. These include the competitions between the United States and Soviet Union, India and Pakistan, and Israel and her Arab neighbors. The authors explain how rivalries form, evolve, and end. The first part of the book deals with how to conceptualize and measure rivalries and presents empirical patterns among rivalries in the period 1816-1992. The concepts derived from the study of rivalries are then used to reexamine two central pieces of international relations research, namely deterrence and "democratic peace" studies. The second half of the book builds an explanation of enduring rivalries based on a theory adapted from evolutionary biology, "punctuated equilibrium." The study of international rivalries has become one of the centerpieces of behavioral research on international conflict. This book, by two of the scholars who pioneered such studies, is the first comprehensive treatment of the subject. It will become the standard reference for all future studies of rivalries. Paul F. Diehl is Professor of Political Science and University Distinguished Teacher/Scholar, University of Illinois. He is the coeditor of Reconstructing Realpolitik and coauthor of Measuring the Correlates of War. Gary Goertz is Assistant Professor of Political Science, University of Arizona, and is the coauthor with Paul Diehl of Territorial Change and International Conflict.

Informatics in Control Automation and Robotics Juan Andrade Cetto 2011-03-15 The present book includes a set of selected papers from the fourth "International Conference on Informatics in Control Automation and Robotics" (ICINCO 2009), held in Milan, Italy, from 2 to 5 July 2009. The conference was organized in three simultaneous tracks: "Intelligent Control Systems and Optimization", "Robotics and Automation" and "Systems Modeling, Signal Processing and Control". The book is based on the same structure. ICINCO received 365 paper submissions, not including those of workshops, from 55 countries, in all continents. After a double blind paper review performed by the Program Committee only 34 submissions were accepted as full papers and thus selected for oral presentation, leading to a full paper acceptance ratio of 9%. Additional papers were accepted as short papers and posters. A further refinement was made after the conference, based also on the assessment of presentation quality, so that this book includes the extended and revised versions of the very best papers of ICINCO 2009. Commitment to high quality standards is a major concern of ICINCO that will be maintained in the next editions of this conference, including not only the stringent paper acceptance ratios but also the quality of the program committee, keynote lectures, workshops and logistics.

Advances in Tourism, Technology and Systems António Abreu 2020-11-19 This book features a collection of high-quality research papers presented at the International Conference on Tourism, Technology & Systems (ICOTTS 2020), held at the University of Cartagena, in Cartagena de Indias, Colombia, from 29th to 31st October 2020. The book is divided into two volumes, and it covers the areas of technology in tourism and the tourist experience, generations and technology in tourism, digital marketing applied to tourism and travel, mobile technologies applied to sustainable tourism, information technologies in tourism, digital transformation of tourism business, e-tourism and tourism 2.0, big data and management for travel and tourism, geotagging and tourist mobility, smart destinations, robotics in tourism, and information systems and technologies.

Genetic Algorithms in Search, Optimization, and Machine Learning David Edward Goldberg 1989 A gentle introduction to genetic algorithms. Genetic algorithms revisited: mathematical foundations. Computer implementation of a genetic algorithm. Some applications of genetic algorithms. Advanced operators and techniques in genetic search. Introduction to genetics-based machine learning. Applications of genetics-based machine learning. A look back, a glance ahead. A review of combinatorics and elementary probability. Pascal with random number generation for fortran, basic, and cobol programmers. A simple genetic algorithm (SGA) in pascal. A simple classifier system(SCS) in pascal. Partition coefficient transforms for problem-coding analysis. Personalized Anaesthesia Pedro L. Gambús 2020-01-31 Presents a modern vision of anaesthesia, integrating technology and knowledge, to change how anaesthesia is taught and practised. Deaf Gain H-Dirksen L. Bauman 2014-10-15 Deaf people are usually regarded by the hearing world as having a lack, as missing a sense. Yet a definition of deaf people based on hearing loss obscures a wealth of ways in which societies have benefited from the significant contributions of deaf people. In this bold intervention into ongoing debates about disability and what it means to be human, experts from a variety of disciplines—neuroscience, linguistics, bioethics, history, cultural studies, education, public policy, art, and architecture—advance the concept of Deaf Gain and challenge assumptions about what is normal. Through their in-depth articulation of Deaf Gain, the editors and authors of this pathbreaking volume approach deafness as a distinct way of being in the world, one which opens up perceptions, perspectives, and insights that are less common to the majority of hearing persons. For example, deaf individuals tend to have unique capabilities in spatial and facial recognition, peripheral processing, and the detection of images. And users of sign language, which neuroscientists have shown to be biologically equivalent to speech, contribute toward a robust range of creative expression and understanding. By framing deafness in terms of its intellectual, creative, and cultural benefits, Deaf Gain recognizes physical and cognitive difference as a vital aspect of human diversity. Contributors: David Armstrong; Benjamin Bahan, Gallaudet U; Hansel Bauman, Gallaudet U; John D. Bonvillian, U of Virginia; Alison Bryan; Teresa Blankmeyer Burke, Gallaudet U; Cindee Calton; Debra Cole; Matthew Dye, U of Illinois at Urbana-Champaign; Steve Emery; Ofelia García, CUNY; Peter C. Hauser, Rochester Institute of Technology; Geo Kartheiser; Caroline Kobek Pezzarossi; Christopher Krentz, U of Virginia; Annelies Kusters; Irene W. Leigh, Gallaudet U; Elizabeth M. Lockwood, U of Arizona; Sommer Loeffler; Mara Lúcia Massuti, Instituto Federal de Santa Catarina, Brazil; Donna A. Morere, Gallaudet U; Kati Morton; Ronice Müller de Quadros, U Federal de Santa Catarina, Brazil; Donna Jo Napoli, Swarthmore College; Jennifer Nelson, Gallaudet U; Laura-Ann Petitto, Gallaudet U; Suvi Pylvänen, Kymenlaakso U of Applied Sciences; Antti Raike, Aalto U; Päivi Rainö, U of Applied Sciences Humak; Katherine D. Rogers; Clara Sherley-Appel; Kristin Snoddon, U of Alberta; Karin Strobel, U Federal de Santa Catarina, Brazil; Hilary Sutherland; Rachel Sutton-Spence, U of Bristol, England; James Tabery, U of Utah; Jennifer Grinder Witteborg; Mark Zurov.

From Pleasure Machines to Moral Communities Geoffrey M. Hodgson 2013 Are humans at their core seekers of their own pleasure or cooperative members of society? Paradoxically, they are both. Pleasure-seeking can take place only within the context of what works within a defined community, and central to any community are the evolved codes and principles guiding appropriate behavior, or morality. The complex interaction of morality and self-interest is at the heart of Geoffrey M. Hodgson's approach to evolutionary economics, which is designed to bring about a better understanding of human behavior. In From Pleasure Machines to Moral Communities, Hodgson casts a critical eye on neoclassical individualism, its foundations and flaws, and turns to recent insights from research on the evolutionary bases of human behavior. He focuses his attention on the evolution of morality, its meaning, why it came about, and how it influences human attitudes and behavior. This more nuanced understanding sets the stage for a fascinating investigation of its implications on a range of pressing issues drawn from diverse environments, including the business world and crucial policy realms like health care and ecology. This book provides a valuable complement to Hodgson's earlier work with Thorbjørn Knudsen on evolutionary economics in Darwin's Conjecture, extending the evolutionary outlook to include moral and policy-related issues.

Quantile Regression Roger Koenker 2005-05-05 Quantile regression is gradually emerging as a unified statistical methodology for estimating models of conditional quantile functions. By complementing the exclusive focus of classical least squares regression on the conditional mean, quantile regression offers a systematic strategy for examining how covariates influence the location, scale and shape of the entire response distribution. This monograph is the first comprehensive treatment of the subject, encompassing models that are linear and nonlinear, parametric and nonparametric. The author has devoted more than 25 years of research to this topic. The methods in the analysis are illustrated with a variety of applications from economics, biology,

ecology and finance. The treatment will find its core audiences in econometrics, statistics, and applied mathematics in addition to the disciplines cited above.

What Species Mean Julia D. Sigwart 2018-10-29 Everyone uses species. All human cultures, whether using science or not, name species. Species are the basic units for science, from ecosystems to model organisms. Yet, there are communication gaps between the scientists who name species, called taxonomists or systematists, and those who use species names—everyone else. This book opens the "black box" of species names, to explain the tricks of the name-makers to the name-users. Species are real, and have macroevolutionary meaning, and it follows that systematists use a broadly macroevolution-oriented approach in describing diversity. But scientific names are used by all areas of science, including many fields such as ecology that focus on timescales more dominated by microevolutionary processes. This book explores why different groups of scientists understand and use the names given to species in very different ways, and the consequences for measuring and understanding biodiversity.

The Mathematics of the Uncertain Eduardo Gil 2018-02-28 This book is a tribute to Professor Pedro Gil, who created the Department of Statistics, OR and TM at the University of Oviedo, and a former President of the Spanish Society of Statistics and OR (SEIO). In more than eighty original contributions, it illustrates the extent to which Mathematics can help manage uncertainty, a factor that is inherent to real life. Today it goes without saying that, in order to model experiments and systems and to analyze related outcomes and data, it is necessary to consider formal ideas and develop scientific approaches and techniques for dealing with uncertainty. Mathematics is crucial in this endeavor, as this book demonstrates. As Professor Pedro Gil highlighted twenty years ago, there are several well-known mathematical branches for this purpose, including Mathematics of chance (Probability and Statistics), Mathematics of communication (Information Theory), and Mathematics of imprecision (Fuzzy Sets Theory and others). These branches often intertwine, since different sources of uncertainty can coexist, and they are not exhaustive. While most of the papers presented here address the three aforementioned fields, some hail from other Mathematical disciplines such as Operations Research; others, in turn, put the spotlight on real-world studies and applications. The intended audience of this book is mainly statisticians, mathematicians and computer scientists, but practitioners in these areas will certainly also find the book a very interesting read.

Intelligent Human Computer Interaction Uma Shanker Tiwary 2020-04-11 This volume constitutes the proceedings of the 11th International Conference on Intelligent Human Computer Interaction, IHCI 2019, held in Allahabad, India, in December 2019. The 25 full papers presented in this volume were carefully reviewed and selected from 73 submissions. The papers are grouped in the following topics: EEG and other biological signal based interactions; natural language, speech and dialogue processing; vision based interactions; assistive living and rehabilitation; and applications of HCI.

Engaged Fatherhood for Men, Families and Gender Equality Marc Grau (Policy scientist) 2022 This aim of this open access book is to launch an international, cross-disciplinary conversation on fatherhood engagement. By integrating perspective from three sectors -- Health, Social Policy, and Work in Organizations -- the book offers a novel perspective on the benefits of engaged fatherhood for men, for families, and for gender equality. The chapters are crafted to engaged broad audiences, including policy makers and organizational leaders, healthcare practitioners and fellow scholars, as well as families and their loved ones.

The Signal and the Noise Nate Silver 2015-02-03 UPDATED FOR 2020 WITH A NEW PREFACE BY NATE SILVER "One of the more momentous books of the decade." —The New York Times Book Review Nate Silver built an innovative system for predicting baseball performance, predicted the 2008 election within a hair's breadth, and became a national sensation as a blogger—all by the time he was thirty. He solidified his standing as the nation's foremost political forecaster with his near perfect prediction of the 2012 election. Silver is the founder and editor in chief of the website FiveThirtyEight. Drawing on his own groundbreaking work, Silver examines the world of prediction, investigating how we can distinguish a true signal from a universe of noisy data. Most predictions fail, often at great cost to society, because most of us have a poor understanding of probability and uncertainty. Both experts and laypeople mistake more confident predictions for more accurate ones. But overconfidence is often the reason for failure. If our appreciation of uncertainty improves, our predictions can get better too. This is the "prediction paradox": The more humility we have about our ability to make predictions, the more successful we can be in planning for the future. In keeping with his own aim to seek truth from data, Silver visits the most successful forecasters in a range of areas, from hurricanes to baseball to global pandemics, from the poker table to the stock market, from Capitol Hill to the NBA. He explains and evaluates how these forecasters think and what bonds they share. What lies behind their success? Are they good—or just lucky? What patterns have they unraveled? And are their forecasts really right? He explores unanticipated commonalities and exposes unexpected juxtapositions. And sometimes, it is not so much how good a prediction is in an absolute sense that matters but how good it is relative to the competition. In other cases, prediction is still a very rudimentary—and dangerous—science. Silver observes that the most accurate forecasters tend to have a superior command of probability, and they tend to be both humble and hardworking. They distinguish the predictable from the unpredictable, and they notice a thousand little details that lead them closer to the truth. Because of their appreciation of probability, they can distinguish the signal from the noise. With everything from the health of the global economy to our ability to fight terrorism dependent on the quality of our predictions, Nate Silver's insights are an essential read.

Intelligent and Fuzzy Techniques in Big Data Analytics and Decision Making Cengiz Kahraman 2019-07-05 This book includes the proceedings of the Intelligent and Fuzzy Techniques INFUS 2019 Conference, held in Istanbul, Turkey, on July 23–25, 2019. Big data analytics refers to the strategy of analyzing large volumes of data, or big data, gathered from a wide variety of sources, including social networks, videos, digital images, sensors, and sales transaction records. Big data analytics allows data scientists and various other users to evaluate large volumes of transaction data and other data sources that traditional business systems would be unable to tackle. Data-driven and knowledge-driven approaches and techniques have been widely used in intelligent decision-making, and they are increasingly attracting attention due to their importance and effectiveness in addressing uncertainty and incompleteness. INFUS 2019 focused on intelligent and fuzzy systems with applications in big data analytics and decision-making, providing an international forum that brought together those actively involved in areas of interest to data science and knowledge engineering. These proceeding feature about 150 peer-reviewed papers from countries such as China, Iran, Turkey, Malaysia, India, USA, Spain, France, Poland, Mexico, Bulgaria, Algeria, Pakistan, Australia, Lebanon, and Czech Republic.

Intuitionistic Fuzzy Sets Krassimir T. Atanassov 2013-03-20 In the beginning of 1983, I came across A. Kaufmann's book "Introduction to the theory of fuzzy sets" (Academic Press, New York, 1975). This was my first acquaintance with the fuzzy set theory. Then I tried to introduce a new component (which determines the degree of non-membership) in the definition of these sets and to study the properties of the new objects so defined. I defined ordinary operations as "n", "U", "+" and "." over the new sets, but I had began to look more seriously at them since April 1983, when I defined operators analogous to the modal operators of "necessity" and "possibility". The late George Gargov (7 April 1947 - 9 November 1996) is the "god father" of the sets I introduced - in fact, he has invented the name "intuitionistic fuzzy", motivated by the fact that the law of the excluded middle does not hold for them. Presently, intuitionistic fuzzy sets are an object of intensive research by scholars and scientists from over ten countries. This book is the first attempt for a more comprehensive and complete report on the intuitionistic fuzzy set theory and its more relevant applications in a variety of diverse fields. In this sense, it has also a referential character.

The Epilepsies Chrysostomos P. Panayiotopoulos 2005 The Epilepsies: Seizures, Syndromes and Management is the latest work from one of the world's leading experts and offers an exhaustive account of the classification and management of epileptic disorders. In thirteen chapters, Dr Panayiotopoulos gives clear and didactic guidance on the diagnosis, treatment and ongoing management of the full spectrum of epileptic syndromes with an insight and perception that only he can bring to the subject. This text is published in full colour throughout and is complemented by a pharmacopoeia and CD ROM with patient video-EEGs. An attractive, clear page layout and the accompanying supplementary material help the reader to easily identify the key components of each disorder, syndrome and seizure. Drawing on the author's outstanding collection of video-EEGs the accompanying CD ROM is cross-referenced within the text thus providing the reader with both a clinical and visual description of the various epileptic disorders and further aiding diagnosis.

Causes of War, 3rd Ed. Geoffrey Blainey 1988-09-07

Natural Experiments in the Social Sciences Thad Dunning 2012-09-06 The first comprehensive guide to natural experiments, providing an ideal introduction for scholars and students.