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ISAPZURICH: A Journey

Lulu.com The book contains contributions for the 10th anniversary of ISAPZURICH, the International School of Analytical Psychology in Zurich. Several authors explain why they left the C.G. Jung Institute in Kusnacht in 2004 and why they founded ISAPZURICH. In addition, there are contributions describing the particular identity and image which have evolved around ISAPZURICH in recent years."

Financial Statistics and Data Analytics

MDPI Modern financial management is largely about risk management, which is increasingly data-driven. The problem is how to extract information from the data overload. It is here that advanced statistical and machine learning techniques can help. Accordingly, finance, statistics, and data analytics go hand in hand. The purpose of this book is to bring the state-of-art research in these three areas to the fore and especially research that juxtaposes these three.

Representation Theory of Finite Groups and Finite-Dimensional Algebras

Proceedings of the Conference at the University of Bielefeld from May 15–17, 1991, and 7 Survey Articles on Topics of Representation Theory

Birkhäuser From April 1, 1984 until March 31, 1991 the Deutsche Forschungsgemeinschaft has sponsored the project "Representation Theory of Finite Groups and Finite Dimensional Algebras". The proposal for this project was submitted by B. Huppert (Mainz), B. Fischer (Bielefeld), G. Michler (Essen), H. Pahlings (Aachen) and C. M. Ringel (Bielefeld) in order to strengthen the interaction between the different research areas in representation theory. The Deutsche Forschungsgemeinschaft has given many research positions and fellowships for young algebraists enabling them to do research at their own universities or as visitors at well known research institutions in America, Australia, England and France. The whole project benefitted very much from an extensive exchange programme between German and American scientists sponsored by the Deutsche Forschungsgemeinschaft and by the National Science Foundation of the United States. This volume presents lectures given in a final conference and reports by members of the project. It is divided into two parts. The first part contains seven survey articles describing recent advances in different areas of representation theory. These articles do not only concentrate on the work done by the German research groups, but also inform on major developments of the subject at all. The volume omits those topics already treated in book form. In particular, it does not contain a survey on K .

Design and Analysis of Wireless Networks

Nova Publishers Summary: A compilation of articles that reviews the current design methodology and analytical models of wireless networks.

Encyclopedia of Solid Earth Geophysics

Springer Science & Business Media The past few decades have witnessed the growth of the Earth Sciences in the pursuit of knowledge and understanding of the planet that we live on. This development addresses the challenging endeavor to enrich human lives with the bounties of Nature as well as to preserve the planet for the generations to come. Solid Earth Geophysics aspires to define and quantify the internal structure and processes of the Earth in terms of the principles of physics and forms the intrinsic framework, which other allied disciplines utilize for more specific investigations. The first edition of the Encyclopedia of Solid Earth Geophysics was published in 1989 by Van Nostrand Reinhold publishing company. More than two decades later, this new volume, edited by Prof. Harsh K. Gupta, represents a thoroughly revised and expanded reference work. It brings together more than 200 articles covering established and new concepts of Geophysics across the various sub-disciplines such as Gravity, Geodesy, Geomagnetism, Seismology, Seismics, Deep Earth Processes, Plate Tectonics, Thermal Domains, Computational Methods, etc. in a systematic and consistent format and standard.

It is an authoritative and current reference source with extraordinary width of scope. It draws its unique strength from the expert contributions of editors and authors across the globe. It is designed to serve as a valuable and cherished source of information for current and future generations of professionals.

CAA JAR-FCL Examinations

Mass and Balance Manual (aeroplanes)

Supersedes 2nd edition (2001)

Public Health Nutrition

Jones & Bartlett Publishers Issues related to nutrition are among the most pressing public health concerns in modern times. Worldwide, nearly 1 billion individuals are undernourished, with over a billion more individuals deficient in protein or one or more essential micronutrients. Malnutrition plays a role in more than half of all childhood deaths. Effects of malnutrition include mortality, decreased economic productivity, morbidities, such as blindness and stunting, and development of chronic diseases. Conversely, overnutrition has emerged as current and growing threat to the world's health. Two-thirds of adults in the United States are overweight or obese, and 35 percent of the world's population are overweight. Two-thirds of the world's population living in countries where more people die from overnutrition than undernutrition. Chronic diseases are similarly of concern, with heart disease, cancer, and other diet-related chronic diseases among the leading causes of death in the world. This book is a comprehensive introduction to Public Health Nutrition, and has a unique balance, focusing on the health of communities and nations, and presenting the most significant public health nutrition problems and solutions worldwide. It presents key concepts in public health nutrition and presents case studies from the United States and world, and from across all life stages, to illustrate these concepts. Designed for MPH programs, this book will prepare students to become successful global public health professionals, with a clear understanding of the critical need for public health nutrition programs around the globe. Unlike other texts of its kind, Public Health Nutrition: Principles and Practice for Community and Global Health includes a unique explanation of nutritional science as it relates to public health. Readers will come away with a solid understanding of nutrition and public health infrastructure, enabling them to be more effective in improving public health nutrition. With 24 chapters divided into 6 parts, this book covers: Part 1: Nutrition around the World Part 2: Policy and Public Health Nutrition Part 3: Hunger and Malnutrition Part 4: Maternal and Child Nutrition Part 5: Nutritional Scenes in Developing Nations Part 6: Nutrition and the Environment Key Features: A global focus ties in current topics from around the world with examples from the U.S., industrialized and developing nations in the Americas, Europe, Africa, Asia, and Australia. Each chapter opens with a case study presenting a public health nutrition problem and approach Provides in-depth examples, such as the school lunch programs in India and Japan, development of community-based health systems in Thailand, and breastfeeding promotion initiatives in Ghana"

ECCWS 2020 20th European Conference on Cyber Warfare and Security

Academic Conferences and publishing limited These proceedings represent the work of contributors to the 19th European Conference on Cyber Warfare and Security (ECCWS 2020), supported by University of Chester, UK on 25-26 June 2020. The Conference Co-chairs are Dr Thaddeus Eze and Dr Lee Speakman, both from University of Chester and the Programme Chair is Dr Cyril Onwubiko from IEEE and Director, Cyber Security Intelligence at Research Series Limited. ECCWS is a well-established event on the academic research calendar and now in its 19th year the key aim remains the opportunity for participants to share ideas and meet. The conference was due to be held at University of Chester, UK, but due to the global Covid-19 pandemic it was moved online to be held as a virtual event. The scope of papers will ensure an interesting conference. The subjects covered illustrate the wide range of topics that fall into this important and ever-growing area of research.

Handbook of Research on Nascent Entrepreneurship and Creating New Ventures

IGI Global Due to the 2008-2009 crisis, the United Nations 2030 agenda for sustainable development, and the COVID-19 pandemic, the role of entrepreneurship has become more critical in most economies. Moreover, emerging protectionist policies are further encouraging the emergence of new entrepreneurial projects, particularly to replace goods and services traditionally provided by other countries. Understanding current challenges and best practices in nascent entrepreneurship is integral for the successful launching of new ventures to support the revitalization of economies and achieve sustainability. The Handbook of Research on Nascent Entrepreneurship and Creating New Ventures is a crucial reference source that covers the latest empirical research findings in the field of entrepreneurship and addresses the obstacles entrepreneurs face in these recent challenging times. The book embraces a pluralistic perspective from academicians currently navigating nascent entrepreneurship and key concepts for launching successful new ventures. Covering topics that include government support programs, spin-off companies, leadership, strategic entrepreneurship, and crowdfunding, this book is targeted towards entrepreneurs, professionals, academicians, researchers, and students.

Minds Online

Teaching Effectively with Technology

Harvard University Press For the Internet generation, educational technology designed with the brain in mind offers a natural pathway to the pleasures and rewards of deep learning. Drawing on neuroscience and cognitive psychology, Michelle Miller shows how attention, memory, critical thinking, and analytical reasoning can be enhanced through technology-aided approaches.

Emerging Infectious Diseases

U.S. Geological Survey Professional Paper

Contemporary Strategies and Approaches in 3-D Information Modeling

IGI Global It is generally accepted that building information modeling (BIM) related technologies offer considerable advantages to many participants in the construction sector. Currently, there exists a whole range of commercially available BIM software platforms that are specialized to suit the functional needs of their main users. *Contemporary Strategies and Approaches in 3-D Information Modeling* is a critical scholarly resource that examines building information modeling and the integration of 3-D information in the urban built environments. Featuring coverage on a broad range of topics such as integrated project delivery, design collaboration, and 3-D model visualization, this book is geared towards engineers, architects, contractors, consultants, and facility managers seeking current research on methodologies, concepts, and instruments being used in the field of 3-D information modeling.

Walter and Miller's Textbook of Radiotherapy: Radiation Physics, Therapy and Oncology - E-Book

Elsevier Health Sciences Walter and Miller's Textbook of Radiotherapy is a key textbook for therapeutic radiography students as well as trainee clinical and medical oncologists, clinical physicists and technologists. The book is divided into 2 sections. The first section covers physics and provides a comprehensive review of radiotherapy physics. This section is designed to be non-physicist friendly, to simply and clearly explain the physical principles upon which radiotherapy and its technology are based. The second section is a systematic review by tumour site giving an up to date summary of radiotherapy practice. The title also covers the place of chemotherapy, surgery and non-radiotherapy treatments as well as the principles of cancer patient treatment including supportive care and palliative treatments. It is a comprehensive must-have resource for anyone studying therapeutic radiotherapy. Highly illustrated in full colour including 350 photographs. Clearly and simply explains the fundamental physics for clinicians Gives an up to date summary of radiotherapy practice organised by tumour site making it very easy to navigate. Describes the wide range of devices and clearly explains the principles behind their operation. Comprehensively explains the calculation models of dose predictions for treatment preparation. Heavy emphasis on how clinical trials have influenced current practice. Shows how radiobiological knowledge has influenced current practice such as the fractionation regimens for breast and prostate cancer Proton therapy; machines, dose measurement, covering the clinical advantages and pitfalls of this treatment modality. New radiotherapy modalities such as stereotactic radiotherapy, types of intensity modulated radiotherapy and imaged guided radiotherapy are comprehensively covered as are recent advances in chemotherapy and molecular targeted therapy. In depth coverage of dose measurement and new devices.

New Insights Into Retinal Degenerative Diseases

Springer Science & Business Media Since 1984, we have organized satellite symposia on retinal degenerations that are held in conjunction with the biennial International Congress of Eye Research. The timing and location of our Retinal Degeneration Symposia have allowed scientists and clinicians from around the world to convene and present their exciting new findings. The symposia have been arranged to allow ample time for discussions and one-on-one interactions in a relaxed atmosphere, where international friendships and collaborations could be established. The IXth International Symposium on Retinal Degeneration was held on October 9-14, 2000 in Durango, Colorado and was attended by over 100 scientists from six continents. This book contains many of their presentations. Several events of note occurred at this meeting. First, thanks to the generous support of the Foundation Fighting Blindness, we were able to sponsor the travel of 11 young scientists from six countries. Most of them have contributed chapters to this volume. The response to the travel program was so overwhelming that we will make it regular feature of our meeting. This will allow other bright, young investigators to be introduced to the world experts who study retinal degenerations. Second, about 40% of the scientists who attended this meeting were there for the first time. We believe that this indicates a growing interest in retinal degeneration research and ensures that new talent will be attracted to this important area of investigation. The symposium received support from several organizations.

Morbidity and Mortality Weekly Report

MMWR

Hearings, Reports and Prints of the Senate Committee on Banking and Currency

The Evidence Enigma

Correctional Boot Camps and Other Failures in Evidence-Based Policymaking

Ashgate Publishing, Ltd. Why do policymakers sometimes adopt policies that are not supported by evidence? How can scholars and practitioners encourage policymakers to listen to research? This book explores these questions, presenting a fascinating case study of a policy that did not work, yet spread rapidly to almost every state in the United States: the policy of correctional boot camps. Examining the claims on which the implementation of the policy were based, including the assertions that such boot camps would reduce reoffending, save public money and ease overcrowding - none of which proved to be universally accurate - The Evidence Enigma also investigates the political, economic, cultural, and other factors which encouraged the spread of this policy. Both qualitative and quantitative methods are used to test hypotheses, as the author draws rich comparisons with other policies, including Drug Abuse Resistance Education (DARE), abstinence-only sex education programs, and the electronic monitoring or tagging of offenders in England and Wales. Presenting important lessons for guarding against the proliferation of policies that don't work in future, this ground-breaking and accessible book will be of interest to those working in the fields of criminology, sociology and social and public policy.

The Future of Aging

Pathways to Human Life Extension

Springer Science & Business Media Just as the health costs of aging threaten to bankrupt developed countries, this book makes the scientific case that a biological "bailout" could be on the way, and that human aging can be different in the future than it is today. Here 40 authors argue how our improving understanding of the biology of aging and selected technologies should enable the successful use of many different and complementary methods for ameliorating aging, and why such interventions are appropriate based on our current historical, anthropological, philosophical, ethical, evolutionary, and biological context. Challenging concepts are presented together with in-depth reviews and paradigm-breaking proposals that collectively illustrate the potential for changing aging as never before. The proposals extend from today to a future many decades from now in which the control of aging may become effectively complete. Examples include sirtuin-modulating pills, new concepts for attacking cardiovascular disease and cancer, mitochondrial rejuvenation, stem cell therapies and regeneration, tissue reconstruction, telomere maintenance, prevention of immunosenescence, extracellular rejuvenation, artificial DNA repair, and full deployment of nanotechnology. The Future of Aging will make you think about aging differently and is a challenge to all of us to open our eyes to the future therapeutic potential of biogerontology.

Laser Cleaning II

World Scientific Laser Cleaning II is the second of a series of books reporting research on the use of lasers for cleaning material surfaces and related micro-scale and nano-scale laser processing. It follows Laser Cleaning, edited by Boris LukOCoyanchuk, published in 2002. The primary focus is on contaminant particle removal, nano-scale sized particles in particular, which represents a major cleaning challenge in industrial contexts and poses a broad range of research questions. The contributions provide stimulating answers to these questions, spanning the essential areas: the fundamental theoretical and experimental physics of light/particle/interface interactions, invention and development of laser cleaning techniques and diagnostics, simulations for important material and process systems, and laser cleaning and processing applications. Laser cleaning for art and cultural heritage conservation is a related, mature field of research which is also treated."

Occupational Safety and Hygiene

CRC Press Occupational Safety and Hygiene presents selected papers from the International Symposium on Occupational Safety and Hygiene - SHO2013 (Guimarães, Portugal, 14-15 February 2013), which was organized by the Portuguese Society for Occupational Safety and Hygiene (SPOSHO). The contributions from 15 different countries focus on: - Occupational safety - Risk assessment - Safety management - Ergonomics - Management systems - Environmental ergonomics - Physical environments - Construction safety - Human

factors The papers included in the book are mainly based on research carried out at universities and other research institutions, but they are also based on practical studies developed by Occupational Health & Safety (OHS) practitioners within their companies. As a result, this book will be useful to get acquainted with the state-of-the-art of the research within the aforementioned domains, as well as with some practical tools and approaches that are currently used by OHS professionals worldwide.

Journal of Environmental Accounting and Management

L& H Scientific Publishing his peer-reviewed journal publishes original research results in the field of environmental and ecological science with focus on applications to the sustainable management of natural, human-dominated, and man-made ecosystems. The aim of the journal is to provide a place for a rapid exchange of new ideas and concepts for scientists and engineers in the fields of environmental accounting, human and systems ecology, and environmental management. Manuscripts on environmental accounting and managements are solicited, including: mathematical modeling; computational and management techniques in environmental, ecological, energy and information science; environmental technology and engineering; human managed ecosystems such as agricultural, urban, coastal, riparian, and wetland ecosystems. No length limitations for contributions are set, but only concisely written manuscripts are considered for publication. Brief papers can be published on the basis of Technical Notes. Discussions of previous published papers are welcome. Topics of Interest Environmental and ecological economics, environmental accounting, environmental impact assessment, ecosystem service assessment, energy and resource use, social factors and management. Modeling in environmental conservation and restoration, eco-hydrology and water resources management, ecological process and pattern, climate change effects, environmental engineering and technology. Planning and management in human dimension-institutions and patterns for socio-economic systems, industrial ecology, ecological informatics, landscape design, and urban planning. Environmental policy, legislation, and innovations with environmental and strategic impact assessment, project appraisal and auditing, and environmental protection.

The Journal of the Computer Society of India

Victimology

The Essentials

SAGE Victimology: The Essentials is the comprehensive, yet concise core textbook for your course! Drawing from the most up-to-date research, this accessible, student-friendly text provides an overview of the field of Victimology, with an overarching focus on the extent, causes, and responses to victimization. Renowned author and researcher Leah E. Daigle expertly relays the history and development of the field of Victimology, the extent to which and why people are victimized, how the Criminal Justice system and other social services interact with victims and each other, and information about specific types of victimization, including contemporary issues such as stalking, hate crimes, human trafficking, terrorism, and more.

Corporate Governance in Developing Economies

Country Studies of Africa, Asia and Latin America

Springer Science & Business Media Much has been written about the economic and political problems of countries that are in the process of changing from centrally planned systems to market systems. Most studies have focused on the economic, legal, political, and sociological problems these economies have had to face during the transition period. However, not much has been written about the dramatic changes that have to be made to the accounting and financial system of a transition economy. This book was written to help fill that gap. This book is the sixth in a series to examine accounting and financial system reform in transition and developing economies. The first book (Accounting and Financial System Reform in a Transition Economy: A Case Study of Russia) used Russia as a case study. The second volume in the series (Accounting and Financial System Reform in Eastern Europe and Asia) examined some additional aspects of the reform in Russia and also looked at the accounting and financial system reform efforts that are being made in Ukraine, Bosnia and Herzegovina, Armenia, Eastern Europe, and Central Asia. The third volume (Taxation and Public Finance in Transition and Developing Economies) examined taxation and public finance in transition and developing economies. The fourth volume (Accounting Reform in Transition and Developing Economies) examines accounting reform in transition and developing economies.

Regenerative Sanitation

A New Paradigm For Sanitation 4.0

IWA Publishing This book proposes Regenerative Sanitation as the next era of sanitation management and attempts to provide a foundation for the study of sanitation on the premise that sanitation is a complex and dynamic system that comprises of social-ecological, technological and resource systems. The preconception is that sanitation will deliver maximal benefits to society only when there exists a cyclical integration of the three subsystems to enable appropriate linkages between 'technological design' and the 'delivery platform' so as to achieve optimal and sustained sanitation solutions. It also calls for the rethinking of sanitation to change the narrative towards more progressive trajectories such as resource recovery and reuse rather than just amelioration. It explores the

contributions to food security, livelihood support, urban regeneration, rural development and even local economies. A new paradigm, theory and ten principles for ensuring practical and effective sanitation solutions and management is presented. In addition is a unique conceptual framework applicable to both developed and developing countries, and to all stages, processes and cycles of delivering sanitation solutions that could critically evaluate, analyse and provide credible, adequate and appropriate sanitation solutions. All of which culminates in a strategic and practical application platform called 'Sanitation 4.0' that advocates for total rejuvenation and comprehensive overhaul with eight key strategic considerations for the implementation. *Regenerative Sanitation: A New Paradigm For Sanitation 4.0* is inter and trans-disciplinary and encourages collaboration between engineers, scientists, technologists, social scientists and others to provide effective and practical user-centred solutions. It includes relevant case studies, examples, exercise and future research recommendations. It is written as both a textbook for researchers and students as well as a practitioners' guide for policymakers and professionals.

Handbook of Mathematical Geosciences

Fifty Years of IAMG

Springer This Open Access handbook published at the IAMG's 50th anniversary, presents a compilation of invited path-breaking research contributions by award-winning geoscientists who have been instrumental in shaping the IAMG. It contains 45 chapters that are categorized broadly into five parts (i) theory, (ii) general applications, (iii) exploration and resource estimation, (iv) reviews, and (v) reminiscences covering related topics like mathematical geosciences, mathematical morphology, geostatistics, fractals and multifractals, spatial statistics, multipoint geostatistics, compositional data analysis, informatics, geocomputation, numerical methods, and chaos theory in the geosciences.

Molecular Basis and Gene Therapies of Cystic Fibrosis

MDPI Summary of Genes. Thirty years ago, the gene responsible for cystic fibrosis (CF), a recessive genetic disease caused by mutations in the cystic fibrosis transmembrane conductance regulator gene, was identified. This progress has considerably changed our understanding of the pathophysiology of CF and has paved the way for the development of novel and specific therapies for the disease. The CFTR gene contains 27 exons and is characterized by a frequent three base pair deletion of the p.Phe508del. As a result of collaborative work, today more than 2000 mutations have been reported in the gene, and their impact on protein function is now more evident and useful in designing new strategies to correct the gene defect. The field of gene therapy, as illustrated by Ziyang Yan in this book, has worked on identifying an efficient vector system for the delivery of the wild-type CFTR gene to the lung. At the same time, animal models have been developed in mice, rats, rabbits, zebrafish, ferrets, and pigs to establish the efficacy of gene delivery. These animals are also of the utmost importance in testing new molecules as modulators or correctors to improve the CFTR lung function. During the last three decades, the epidemiology of CF has dramatically changed, as today cystic fibrosis is now a chronic adult pulmonary disease.

Handbook of Theories of Public Administration and Management

Edward Elgar Publishing This innovative Handbook offers a wide-ranging overview of the multi-faceted field of public administration and management. It provides a broad approach to the discipline, addressing the range of descriptive, normative and critical theories required to diagnose public service issues and prescribe administrative action.

Family Health Care Nursing

Theory, Practice, and Research

F.A. Davis Prepare for the real world of family nursing care! Explore family nursing the way it's practiced today—with a theory-guided, evidence-based approach to care throughout the family life cycle that responds to the needs of families and adapts to the changing dynamics of the health care system. From health promotion to end of life, a streamlined organization delivers the clinical guidance you need to care for families. Significantly updated and thoroughly revised, the 6th Edition reflects the art and science of family nursing practice in today's rapidly evolving healthcare environments.

Quantum Computation and Quantum Information

Cambridge University Press First-ever comprehensive introduction to the major new subject of quantum computing and quantum information.

Tolerable upper intake levels for vitamins and minerals

IAP Textbook of Tropical Diseases

Jaypee Brothers Medical Publishers

Psychology for the Classroom: Behaviourism

Routledge Psychology for the Classroom: Behaviourism describes and reflects upon the foundations of behaviourism and the proliferation of behaviourist techniques in common practice today. Through examples drawn from research, presentation of theory, description of pedagogy and illustration by vignette, the book informs teachers and allows them to modify their teaching in order to take account of what is now known about the way that carefully planned curriculum and appropriately reinforced behaviours lead to learning. There is a particular emphasis upon the role of the traditional principles of behaviourist learning theory and practice to contemporary issues and strategies in e-learning. The author has taken a broad sweep of what has been written and promoted to educators in the area of behaviourist theory and practice, and the result is an informative and potentially very useful guide which should be read by all of us who are interested in, or responsible for, planning and encouraging effective teaching and learning.

Studies of the Chesapeake Bay Impact Structure

The USGS-NASA Langley Corehole, Hampton, Virginia, and Related Coreholes and Geophysical Surveys

The Structural Engineer

Journal of the Institution of Structural Engineers

Integrated Pest Management in Tropical Regions

CABI This book provides up-to-date and comprehensive coverage of the research and application of Integrated Pest Management (IPM) in tropical regions. The first section explores the agro-ecological framework that represents the foundations of IPM, in addition to emerging technologies in chemical and biological methods that are core to pest control in tropical crops. The second section follows a crop-based approach and provides details of current IPM applications in the main tropical food crops (such as cereals, legumes, root and tuber crops, sugarcane, vegetables, banana and plantain, citrus, oil palm, tea, cocoa and coffee) and also fibre crops (such as cotton) and tropical forests.

Hypnosis and meditation

Towards an integrative science of conscious planes

Oxford University Press Research over the past decade has helped to demystify hypnosis and meditation, bringing these practices into the scientific and clinical mainstream. Yet, while hypnosis and meditation overlap on many levels, few scientific accounts have explored their complementary rapprochement. Despite cultural and historical differences, hypnosis and meditation share common phenomenology, cognitive processes, and potential therapeutic merits. This book provides a synthesis of knowledge concerning the bridging of hypnosis and meditation. The authors adopt a trans-disciplinary approach considering cultural, historical, and philosophical perspectives to elucidate contemporary questions in cognitive, neurobiological, and clinical science. The book explores the relationship between hypnosis and meditation in five progressive sections: Part 1 investigates historical, cultural, and philosophical issues to contextualize the scientific study of contemplative practices. Part 2 presents a range of views concerning the similarities and differences between hypnosis and meditation. Part 3 explores the psychological and cognitive mechanisms at work. Part 4 integrates recent brain imaging findings to unravel the neural underpinnings. Finally, part 5 examines how juxtaposing hypnosis and meditation can enhance clinical applications. Hypnosis and Meditation is a valuable resource to both specialists as well as interested lay readers, and paves the road to a more unified science of how attention influences states of brain, body, and consciousness.

Risk Modeling, Assessment, and Management

John Wiley & Sons Presents systems-based theory, methodology, and applications in risk modeling, assessment, and management This book examines risk analysis, focusing on quantifying risk and constructing probabilities for real-world decision-making, including engineering, design, technology, institutions, organizations, and policy. The author presents fundamental concepts (hierarchical holographic modeling; state space; decision analysis; multi-objective trade-off analysis) as well as advanced material (extreme events and the partitioned multi-objective risk method; multi-objective decision trees; multi-objective risk impact analysis method; guiding principles in risk analysis); avoids higher mathematics whenever possible; and reinforces the material with examples and case studies. The book will be used in systems engineering, enterprise risk management, engineering management, industrial engineering, civil engineering, and operations research. The fourth edition of Risk Modeling, Assessment, and Management features: Expanded chapters

on systems-based guiding principles for risk modeling, planning, assessment, management, and communication; modeling interdependent and interconnected complex systems of systems with phantom system models; and hierarchical holographic modeling. An expanded appendix including a Bayesian analysis for the prediction of chemical carcinogenicity, and the Farmer's Dilemma formulated and solved using a deterministic linear model. Updated case studies including a new case study on sequential Pareto-optimal decisions for emergent complex systems of systems. A new companion website with over 200 solved exercises that feature risk analysis theories, methodologies, and application. *Risk Modeling, Assessment, and Management, Fourth Edition*, is written for both undergraduate and graduate students in systems engineering and systems management courses. The text also serves as a resource for academic, industry, and government professionals in the fields of homeland and cyber security, healthcare, physical infrastructure systems, engineering, business, and more.

Guiding Children's Social Development and Learning: Theory and Skills

Cengage Learning Updated throughout and featuring an emphasis on NAEYC and other standards, *GUIDING CHILDREN'S SOCIAL DEVELOPMENT AND LEARNING: THEORY AND SKILLS, Ninth Edition*, provides a comprehensive overview of child guidance and social development. Focusing on children from ages birth through 12 years, it provides a seamless transition from the pre-primary to the primary years and addresses the needs of practitioners working with children in a variety of group settings. Readers learn how to help children develop social competence and positive feelings about themselves, and how to work with children and families from many different backgrounds and circumstances. The book eliminates much of the guesswork and frustration that can hinder practitioners' efforts to influence children's social development and behavior -- providing a unified framework for decision-making and professional practice that incorporates sound principles of children's development, relationship enhancement, and behavior management. **Important Notice:** Media content referenced within the product description or the product text may not be available in the ebook version.