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**Cumulated Index Medicus Being Truly Human The Limits of Our Worth, Power, Freedom and Destiny** *Myrtlefield House* We need a coherent picture of our world. Life's realities won't let us ignore its fundamental questions, but with so many opposing views, how will we choose answers that are reliable? In this series of books, David Gooding and John Lennox offer a fair analysis of religious and philosophical attempts to find the truth about the world and our place in it. By listening to the Bible alongside other leading voices, they show that it is not only answering life's biggest questions—it is asking better questions than we ever thought to ask. In Book 1 – Being Truly Human, Gooding and Lennox address issues surrounding the value of humans. They consider the nature and basis of morality, compare what morality means in different systems, and assess the dangerous way freedom is often devalued. What should guide our use of power? What should limit our choices? And to what extent can our choices keep us from fulfilling our potential? **Finding Ultimate Reality In Search of the Best Answers to the Biggest Questions** *Myrtlefield House* We need a coherent picture of our world. Life's realities won't let us ignore its fundamental questions, but with so many opposing views, how will we choose answers that are reliable? In this series of books, David Gooding and John Lennox offer a fair analysis of religious and philosophical attempts to find the truth about the world and our place in it. By listening to the Bible alongside other leading voices, they show that it is not only answering life's biggest questions—it is asking better questions than we ever thought to ask. In Book 2 – Finding Ultimate Reality, they remind us that the authority behind ethics cannot be separated from the truth about ultimate reality. Is there a Creator who stands behind his moral law? Are we the product of amoral forces, left to create moral consensus? Gooding and Lennox compare ultimate reality as understood in: Indian Pantheistic Monism, Greek Philosophy and Mysticism, Naturalism and Atheism, and Christian Theism. **PPI Detailed Report Design and Information in Biology From Molecules to Systems** *WIT Press* Highlighted with individual contributions from eminent specialists, these multiauthored volumes combine authority, inspiration and state-of-the-art knowledge. Both informative and inspiring they are designed to appeal to scientists and interested laypeople alike. Volume 2 complements and extends the scope of the first, with the biological viewpoint being stressed. Following an introductory chapter on design as understood in biology, the various aspects of the biological information revolution are addressed. Areas discussed include molecular structure, the genome, development, and neural networks. A section on information theory provides a link with engineering, and the scope is also broadened to include the implications of motion in nature and engineering. **Swarm Intelligence for Electric and Electronic Engineering** *IGI Global* With growing developments in artificial intelligence and focus on swarm behaviors; algorithms have been utilized in solving a variety of problems in the field of engineering. This approach has been specifically suited to face the challenges in electric and electronic engineering. Swarm Intelligence for Electric and Electronic Engineering provides an exchange of knowledge on the advances, discoveries, and improvements of swarm intelligence in electric and electronic engineering. This comprehensive collection aims to bring together new swarm-based algorithms as well as approaches to complex problems and various real-world applications. **Index of Conference Proceedings Annual cumulation Resources in Education Synthetics, Mineral Oils, and Bio-Based Lubricants Chemistry and Technology, Second Edition** *CRC Press* Highlighting the major economic and industrial changes in the lubrication industry since the first edition, Synthetics, Mineral Oils, and Bio-Based Lubricants, Second Edition outlines the state of the art in each major lubricant application area. Chapters cover trends in the major industries, such as the use of lubricant fluids, growth or decline of market areas and applications, potential new applications, production capacities, and regulatory issues, including biodegradability, toxicity, and food production equipment lubrication. In a single, unique volume, Synthetics, Mineral Oils, and Bio-Based Lubricants, Second Edition offers property and performance information of fluids, theoretical and practical background to their current applications, and strong indicators for global market trends that will influence the industry for years to come. **Potato in progress Science meets practice** *Wageningen Academic Publishers* This book contains the proceedings of the Potato 2005 conference, held in Emmeloord, The Netherlands. This conference offered a platform to a diverse group of stakeholders in the potato industry to learn what science has to offer. At the same time it created an environment for scientists to learn what drives the industry in the rapidly changing world of the potato. The contributions in this book reflect the rapid developments both in the industry and in science. The nutritional aspects of the potato tuber are discussed as well as the volatile consumer moods in saturated or new markets. Latest developments in potato breeding and seed potato production are highlighted and these contributions underline how these potato sectors have been revolutionized. The present and future role of decision support systems in managing inputs of nitrogen and water and in managing pests (and thus in making potato production more sustainable) is described. Several innovations in technology development in potato production and storage are illustrated. Experts provide the latest news on crop protection, with a focus on developments in the control of the potato brown rot bacterium and late blight. Finally the trends in potato trade are described. This book shows that the potato crop is progressing globally - with increasing impact on food supply and added value - providing many opportunities for science to meet practice. **Young Killers The Challenge of Juvenile Homicide** *SAGE* These factors often interact with certain personality characteristics and biological influences, causing many youths to conclude that they have little or nothing to lose by engaging in reckless and destructive acts. Although this book focuses mainly on boys who kill, Dr. Heide also discusses the increasing number of girls arrested for murder and examines gender issues in juvenile homicide. **CPI Detailed Report** Consumer price index, U.S. city average and selected areas. **Final Program ... Annual Meeting of the American Institute of Biological Sciences Periodical Source Index Networking Banana and Plantain Bioiversity International World Meetings Outside U.S.A. and Canada Monthly Catalog of United States Government Publications Development of Methods for Effects-driven Cumulative Effects Assessment Using Fish Populations Moose River Project** *S E T A C Foundation for* **Forthcoming Books Sharks and Their Relatives Ecology and Conservation** *IUCN* Sharks and their relatives, the rays and chimaeras, are the diverse group of cartilaginous fishes that have evolved over 400 million years. Historically considered of low economic value to large-scale fisheries, today many of these fishes have become the target of directed commercial and recreational fisheries around the world, and they are increasingly taken in the by-catch of fisheries targeting other species. This report emphasizes the widely-acknowledged need to improve shark fishery monitoring, expand biological research and take management action. It serves as an introduction to the ecology, status and conservation of the sharks and their relatives for a general audience. Shark fisheries can only be managed sustainably, and shark populations remain viable, with the introduction of new conservation and management initiatives. **Bio-inspired Computing: Theories and Applications 14th International Conference, BIC-TA 2019, Zhengzhou, China, November 22-25, 2019, Revised Selected Papers, Part II** *Springer Nature* This two-volume set (CCIS 1159 and CCIS 1160) constitutes the proceedings of the 14th International Conference on Bio-inspired Computing: Theories and Applications, BIC-TA 2019, held in Zhengzhou, China, in November 2019. The 122 full papers presented in both volumes were selected from 197 submissions. The papers in the two volumes are organized according to the topical headings: evolutionary computation and swarm intelligence; bioinformatics and systems biology; complex networks; DNA and molecular computing; neural networks and artificial intelligence. **British National Bibliography for Report Literature BNBRL World Meetings social & behavioral sciences, human services & management Lectures on Global Optimization** *American Mathematical Soc.* **Information Technologies in Medicine, Volume I Medical Simulation and Education** *Wiley-IEEE Press* A comprehensive survey of technological developments in Virtual Reality for use in medical education and simulated procedures Medicine and the biological sciences have long relied on visualizations to illustrate the relationship between anatomic structure and biologic function. The new multidimensional imaging modalities are powerful counterparts to traditional forms of observation-surgery, postmortem examination, or extensive mental reconstruction. VR technologies have reached unimagined levels of sophistication and utility, giving physicians and students new avenues for planning and practicing surgery and diagnostics. The two volumes of Information Technologies in Medicine thoroughly explore the use of VR technology in three-dimensional visualization techniques, realistic surgical training prior to patient contact, and actual procedures in rehabilitation and treatment, including telemedicine and telesurgery. Editors Akay and Marsh have brought together all the available information on the subject of VR technologies in medicine and medical training to create the first comprehensive guide to the state of the art in medicine for use by students, doctors, and researchers. Volume I is devoted to the fundamentals of these new information technologies and their many applications in medical education and practice, especially in the area of medical and surgical simulations. Coverage includes: \* Virtual environment technologies \* The future of VR technologies in the twenty-first century \* Perceptualization of biomedical data \* Visualization in teaching anatomy **Biodiesel Growing a New Energy Economy** *Chelsea Green Publishing* For anyone who is trying to keep up with the extremely rapid developments in the biodiesel industry, the second edition of Biodiesel: Growing a New Energy Economy is an invaluable aid. The breathtaking speed with which biodiesel has gained acceptance in the marketplace in the past few years has been exceeded only by the proliferation of biodiesel production facilities around the United States--and the world--only to confront new social and environmental challenges and criticisms. The international survey of the biodiesel industry has been expanded from 40 to more than 80 countries, reflecting the spectacular growth of the industry around the world. This section also tracks the dramatic shifts in the fortunes of the industry that have taken place in some of these nations. The detailed chapters that cover the industry in the United States have also been substantially rewritten to keep abreast of its many new developments and explosive domestic growth. An expanded section on small-scale, local biodiesel production has been added to better represent this small but growing part of the industry. Another new section has been added to more fully explore the increasingly controversial issues of deforestation and food versus fuel, as well as GMO crops. The second edition concludes with updated views on where the industry is headed in the years to come from some of its key players. **Index Medicus Reclamation of Mine-impacted Land for Ecosystem Recovery** *John Wiley & Sons* Mining activities significantly impact the environment; they generate huge quantities of spoil, promote deforestation and the loss of agricultural production, as well as releasing contaminants that result in the loss of valuable soil resources. These negative impacts are now being recognized and this book shows how corrective action can be taken. The introduction of sustainable mining requires mitigation strategies that start during the mine planning stage and extend to after mineral extraction has ceased, and post-closure activities are being executed. Reclamation of Mine-impacted Land for Ecosystem Recovery covers: methods of rejuvenation of mine wasteland including different practices of physical, chemical and ecological engineering methods; benefits of rejuvenation: stabilization of land surfaces; pollution control; aesthetic improvement; general amenity; plant productivity; and carbon sequestration as well as restoring biodiversity and ecosystem function; best management practices and feasible solutions to the impacts of mining which will reduce the pollution load by reducing the discharge rate and the pollutant concentration; reduce erosion and sedimentation problems, and result in improved abandoned mine lands; and ecosystem development. The authors explain how mining impacts on soil properties and how soil carbon reserves/soil fertility can be restored when mining has ceased. Restoration involves a coordinated approach that recognizes the importance of key soil properties to enable re-vegetation to take place rapidly and ecosystems to be established in a low cost and sustainable way. This book's unique combination of the methods for reclamation technologies with policies and best practice worldwide will provide the background and the guidance needed by scientists, researchers and engineers engaged in land reclamation, as well as by industry managers. **Computational Advances in Bio and Medical Sciences 9th International Conference, ICCABS 2019, Miami, FL, USA, November 15-17, 2019, Revised Selected Papers** *Springer Nature* This book constitutes revised selected papers from the 9th International Conference on Computational Advances in Bio and Medical

Sciences, ICCABS 2019, held in Miami, Florida, USA in November 2019. The 15 papers presented in this volume were carefully reviewed and selected from 30 submissions. They deal with topics such as computational biology; biomedical image analysis; biological networks; cancer genomics; gene enrichment analysis; functional genomics; interaction networks; protein structure prediction; dynamic programming; and microbiome analysis. **Current Industrial Reports Manufacturers' shipments, inventories, and orders. M3-1 APAIS, Australian Public Affairs Information Service A Subject Index to Current Literature Vol. for 1963** includes section Current Australian serials; a subject list. **Practical Applications of Soft Computing in Engineering** *World Scientific* Soft computing has been presented not only with the theoretical developments but also with a large variety of realistic applications to consumer products and industrial systems. Application of soft computing has provided the opportunity to integrate human-like vagueness and real-life uncertainty into an otherwise hard computer program. This book highlights some of the recent developments in practical applications of soft computing in engineering problems. All the chapters have been sophisticatedly designed and revised by international experts to achieve wide but in-depth coverage. Contents: Automatic Detection of Microcalcifications in Mammograms Using a Fuzzy Classifier (A P Drijarkara et al.) Predictive Fuzzy Model for Control of an Artificial Muscle (P B Petrović) Evolutionary Computation for Information Retrieval Based on User Preference (H-G Kim & S-B Cho) Fuzzy Logic and Neural Networks Approach — A Way to Improve Overall Performance of Integrated Heating Systems (E Entchev) Design and Tuning a Neurofuzzy Power System Stabilizer Using Genetic Algorithms (A Afzalian & D A Linkens) An Application of Logic Programs with Soft Computing Aspects to Fault Diagnosis in Digital Circuits (H Sakai et al.) Determination of the Motion Parameters from the Perspective Projection of a Triangle (M M Sein & H Hama) and other papers Readership: Graduate students, industrial researchers and academics in fuzzy logic, software engineering, neural networks and artificial intelligence. Keywords: Soft Computing; Neuro-Fuzzy; Choquet Integral; Fuzzy Control; Genetic Algorithm; Information Retrieval; Pattern Recognition; Power System; Emergency Management; Fault Diagnosis **The New Handbook of Organizational Communication Advances in Theory, Research, and Methods** *SAGE* This handbook provides an analysis of the latest advances in this exciting field. It assists in establishing a clear identity that has grown over the latter part of the century. The contributors provide a more multidisciplinary perspective drawing from the fields of organizational behavior, management studies and communication. **The Annals of Pharmacotherapy School Press Management and Style With Numerous Classroom Exercises and Problems, Blank Forms, Charts, Diagrams, and Other Illustrations Social and Behavioral Foundations of Public Health** *SAGE* This book applies a rich body of knowledge and theory from social and behavioral sciences to contemporary health issues. A guiding principle of the book is the importance of social context and cultural construction in the analysis of health problems. It addresses the multiple layers of influence on health, enlarging the dominant "risk factor" approach to health behavior by giving sufficient attention to the social environment. The book draws from many disciplines (sociology, anthropology, social psychology, demography, gerontology, economics, and history), and uses examples and case studies specifically from the forefront of public health. The book is especially useful for the way that it discusses core concepts and models and applies them to real world problems. **Memoirs of the Institute of Scientific and Industrial Research, Osaka University Resources in Education RIE.. Annual cumulation Environmental Health Perspectives Supplements Handbook of Mind-Body Medicine for Primary Care** *SAGE* Emphasizing the concepts and technologies of clinical psychophysiology in providing an evidence-based empirical approach to problems of patients in primary care medicine, this text has a bio-psychosocial perspective.