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Problems in Operation Research (Principles & Solution) CRC Press

This book provides a comprehensive view of green communications considering all areas of ICT including wireless and wired networks. It analyses particular concepts and practices, addressing holistic approaches in future networks considering a system perspective. It makes full use of tables, illustrations, performance graphs, case studies and examples making it accessible for a wide audience.

Innovation and Interdisciplinary Solutions for Underserved Areas Springer

This book constitutes the refereed proceedings of the 9th International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, CPAIOR 2012, held in Nantes, France, in May/June 2012. The 26 revised full papers presented were carefully reviewed and selected from 64 submissions. The papers are focused on both theoretical and practical, application-oriented issues in combinatorial optimization and feature current research with a special focus on inference and relaxation methods, integration methods, modeling methods, innovative applications of CP/AI/OR techniques, and implementation of CP/AI/OR techniques and optimization systems.

Proceedings of the XVII SIGEF Congress, Reus, Spain, 6-8 June 2012 Springer

There has been a remarkable difference in the research and development regarding gas turbine technology for transportation and power generation. The former remains substantially floundering and unaltered with respect to the past as the superiority of air-breathing engines compared to other technologies is by far immense. On the other hand, the world of gas turbines (GTs) for power generation is indeed characterized by completely different scenarios in so far as new challenges are coming up in the latest energy trends, where both a reduction in the use of carbon-based fuels and the raising up of renewables are becoming more and more important factors. While being considered a key technology for base-load operations for many years, modern stationary gas turbines are in fact facing the challenge to balance electricity from variable renewables with that from flexible conventional power plants. The

book intends in fact to provide an updated picture as well as a perspective view of some of the abovementioned issues that characterize GT technology in the two different applications: aircraft propulsion and stationary power generation. Therefore, the target audience for it involves design, analyst, materials and maintenance engineers. Also manufacturers, researchers and scientists will benefit from the timely and accurate information provided in this volume. The book is organized into three main sections including 10 chapters overall: (i) Gas Turbine and Component Performance, (ii) Gas Turbine Combustion and (iii) Fault Detection in Systems and Materials.

Cultures of Wellbeing Springer Science & Business Media

The author have used numerical examples as the means for presentation of the underlying ideas of different operations research techniques. Accordingly, a large number of comprehensive solved examples, taken from a variety of fields, have been added in every chapter and they are followed by a set of unsolved problems with answers (and hints wherever required) through which readers can test their understanding of the subject matter. The book, in its present form, contains around 650 examples, 1,280 illustrative diagrams.

***Advances in Knowledge Discovery and Data Mining, Part II* John Wiley & Sons**

Soil acidity is a major limitation to crop production in many parts of the world. Plant growth inhibition results from a combination of factors, including aluminum, manganese, and hydrogen ion toxicities and deficiencies of essential elements, particularly calcium, magnesium, phosphorus, and molybdenum. Agricultural management practices and acid precipitation have increased acid inputs into the ecosystem and heightened concern about soil acidity problems. While application of lime has proved to be effective in ameliorating surface soil acidity in many areas, significant soil acidity problems still exist. Scientists from Alberta, Canada, recognized the need to provide a forum for researchers from different disciplines to exchange information and ideas on solving problems of plant growth in acid soils. As a result of their efforts, the First International Symposium on Plant-Soil Interactions at Low pH was held at Grande Prairie, Alberta, Canada, in July 1987. In many acid soil areas, liming materials are not readily available, the cost may be prohibitive, or subsoil acidity cannot be corrected by surface application of

lime. New management approaches involving both the plant and the soil are needed in these situations. Progress has been made in the selection and breeding of acid-tolerant plants. However, continued progress will be limited by our lack of understanding of the physiological and biochemical basis of differential acidity tolerance among plants.

The Hydropolitics of Dams S. Chand Publishing

This book contains a selection of papers presented at the First National Conference on Sensors held in Rome 15-17 February 2011. The conference highlighted state-of-the-art results from both theoretical and applied research in the field of sensors and related technologies. This book presents material in an interdisciplinary approach, covering many aspects of the disciplines related to sensors, including physics, chemistry, materials science, biology and applications. · Provides a selection of the best papers from the First Italian National Conference on Sensors; · Covers a broad range of topics relating to sensors and microsystems, including physics, chemistry, materials science, biology and applications; · Offers interdisciplinary coverage, aimed at defining a common ground for sensors beyond the specific differences among the different particular implementation of sensors.

HVDC, FACTS, and Artificial Intelligence Zed Books Ltd.

A New York Times Editors' Choice An "essential" (Jane Mayer) account of the dangerous marriage of plutocratic economic priorities and right-wing populist appeals – and how it threatens the pillars of American democracy. In *Let Them Eat Tweets*, best-selling political scientists Jacob S. Hacker and Paul Pierson argue that despite the rhetoric of Donald Trump, Josh Hawley, and other right-wing "populists," the Republican Party came to serve its plutocratic masters to a degree without precedent in modern global history. To maintain power while serving the 0.1 percent, the GOP has relied on increasingly incendiary racial and cultural appeals to its almost entirely white base. Calling this dangerous hybrid "plutocratic populism," Hacker and Pierson show how, over the last forty years, reactionary plutocrats and right-wing populists have become the two faces of a party that now actively undermines democracy to achieve its goals against the will of the majority of Americans. Based on decades of research and featuring a new epilogue about the intensification of GOP radicalism after the 2020 election, *Let Them Eat Tweets* authoritatively explains the doom loop of tax cutting and fearmongering that defines the Republican Party—and reveals how the rest of us can fight back.

Schools That Learn (Updated and Revised) John Wiley & Sons

The job interview is probably the most important step you will take in

your job search journey. Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 200 questions and answers for job interview and as a BONUS web addresses to 200 video movies for a better understanding of the technological process. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry.

Proceedings of the International Conference, Saint Petersburg, Russia, June 17-23, 2011 Springer Science & Business Media

The two-volume set LNAI 7301 and 7302 constitutes the refereed proceedings of the 16th Pacific-Asia Conference on Knowledge Discovery and Data Mining, PAKDD 2012, held in Kuala Lumpur, Malaysia, in May 2012. The total of 20 revised full papers and 66 revised short papers were carefully reviewed and selected from 241 submissions. The papers present new ideas, original research results, and practical development experiences from all KDD-related areas. The papers are organized in topical sections on supervised learning: active, ensemble, rare-class and online; unsupervised learning: clustering, probabilistic modeling in the first volume and on pattern mining: networks, graphs, time-series and outlier detection, and data manipulation: pre-processing and dimension reduction in the second volume.

Permanent Supportive Housing Springer

The library in China has been transformed by rapid socioeconomic development, and the proliferation of the Internet. The issues faced by Chinese libraries and librarians are those faced by library practitioners more globally, however, China also has its own unique set of issues in the digital era, including developmental imbalance between East and West, urban and rural areas, and availability of skilled practitioners. *Chinese Librarianship in the Digital Era* is the first book on Chinese libraries responding to these issues, and more. The first part of the book places discussion in historical context, before moving on to the digital environment of the Chinese library. The book then considers the issue of digital copyright in China, and debates the core values of the Chinese library. The next three chapters cover public and academic libraries, and library consortia. Finally, the book gives a view of the future prospects for libraries in China. Unique in focusing on digital libraries in China Provides a comprehensive overview of libraries in contemporary China Presents valuable information formerly available only in Chinese

Plumer's Principles and Practice of Infusion Therapy National Academies Press

Next Generation Mobile Broadcasting provides an overview of the past, present, and future of mobile multimedia broadcasting. The first part

of the book-Mobile Broadcasting Worldwide-summarizes next-generation mobile broadcasting technologies currently available. This part covers the evolutions of the Japanese mobile broadcasting standard ISDB-T One **New Strategies for Sustainable Development** Springer

This book and its companion volume, LNCS vols. 7331 and 7332, constitute the proceedings of the Third International Conference on Swarm Intelligence, ICSI 2012, held in Shenzhen, China in June 2012. The 145 revised full papers presented were carefully reviewed and selected from 247 submissions. The papers are organized in 27 cohesive sections covering all major topics of swarm intelligence research and developments.

Advanced Information Systems Engineering Lippincott Williams & Wilkins
The Concrete Solutions series of International Conferences on Concrete Repair began in 2003 with a conference held in St. Malo, France in association with INSA Rennes. Subsequent conferences have seen us partnering with the University of Padua in 2009 and with TU Dresden in 2011. This conference is being held for the first time in the UK, in association with *Integrated Marketing Communications with Student Resource Access* 12 Months Springer

The Developmental Science of Adolescence: History Through Autobiography is the most authoritative account of the leading developmental scientists from around the world. Written by the scholars who shaped the history they are recounting, each chapter is an engaging and personal account of the past, present, and future direction of the field. No other reference work has this degree of authenticity in presenting the best developmental science of adolescence. The book includes a Foreword by Saths Cooper, President of the International Union of Psychological Science and autobiographical chapters by the following leading developmental scientists: Jeffrey Jensen Arnett, Robert Wm. Blum, Jeanne Brooks-Gunn, B. Bradford Brown, Marlis Buchmann, John Bynner, John Coleman, Rand D. Conger, James E. Côté, William Damon, Sanford M. Dornbusch, Nancy Eisenberg, Glen H. Elder, Jr., David P. Farrington, Helmut Fend, Andrew J. Fuligni, Frank F. Furstenberg, Beatrix A. Hamburg, Stephen F. Hamilton, Karen Hein, Klaus Hurrelmann, Richard Jessor, Daniel P. Keating, Reed W. Larson, Richard M. Lerner, Iris F. Litt, David Magnusson, Rolf Oerter, Daniel Offer, Augusto Palmonari, Anne C. Petersen, Lea Pulkkinen, Jean E. Rhodes, Linda M. Richter, Hans-Dieter Rösler, Michael Rutter, Ritch C. Savin-Williams, John Schulenberg, Lonnie R. Sherrod, Rainer K. Silbereisen, Judith G. Smetana, Margaret Beale Spencer, Laurence Steinberg, Elizabeth J. Susman, Richard E. Tremblay, Suman Verma, and Bruna Zani.

Principles, Concepts and Practice Petrogav International

This book series is composed of peer-reviewed proceedings of selected

symposia organized by the International Association of Geodesy. It deals primarily with topics related to Geodesy Earth Sciences : terrestrial reference frame, Earth gravity field, Geodynamics and Earth rotation, Positioning and engineering applications.

International Symposium on Earth and Environmental Sciences for Future Generations Springer

We take great pleasure in presenting to the readers the second thoroughly revised edition of the book after a number of reprints. The suggestions received from the readers have been carefully incorporated in this edition and almost the entire subject matter has been reorganised, revised and rewritten.

Engineering or Ecosystems? Springer

"A rich, much-needed remedy for the standardized institutions that comprise too much of our school system today... ideal for teachers and parents intent on resurrecting and fostering students' inherent drive to learn...An essential resource." -Daniel H. Pink, author of DRIVE and A WHOLE NEW MIND "Schools that Learn is a magnificent, grand book that pays equal attention to the small and the big picture - and what's more integrates them. There is no book on education change that comes close to Senge et al's sweeping and detailed treatment. Classroom, school, community, systems, citizenry---it's all there. The core message is stirring: what if we viewed schools as a means of shifting society for the better!" -Michael Fullan, author of Change Leader and Learning Places A new edition of the groundbreaking book that brings organizational learning and systems thinking into classrooms and schools, showing how to keep our nation's educational system competitive in today's world. Revised and updated - with more than 100 pages of new material - for the first time since its initial publication in 2000 comes a new edition of the seminal work acclaimed as one of the best books ever written about education and schools. A unique collaboration between the celebrated management thinker and Fifth Discipline author Peter Senge and a team of renowned educators and organizational change leaders, Schools that Learn describes how schools can adapt, grow, and change in the face of the demands and challenges of our society, and provides tools, techniques and references for bringing those aspirations to life. The new revised and updated edition offers practical advice for overcoming the many challenges that face our communities and educational systems today. It shows teachers, administrators, students, parents and community members how to successfully use principles of organizational learning, including systems thinking and shared vision, to address the challenges that face our nation's schools. In a fast-changing world where school populations are increasingly diverse, children live in ever-more-complex social and media environments, standardized tests are applied as overly simplistic "quick fixes," and advances in science and technology continue to accelerate, the pressures on our

educational system are inescapable. Schools That Learn offers a much-needed way to open dialogue about these problems – and provides pragmatic opportunities to transform school systems into learning organizations. Drawing on observations and advice from more than 70 writers and experts on schools and education, this book features:

- Methods for implementing organizational learning and explanations of why they work
- Compelling stories and anecdotes from the “field” – classrooms, schools, and communities
- Charts, tables and diagrams to illustrate systems thinking and other practices
- Guiding principles for how to apply innovative practices in all types of school systems
- Individual exercises useful for both teachers and students
- Team exercises to foster communication within the classroom, school, or community group
- New essays on topics like educating for sustainability, systems thinking in the classroom, and “the great game of high school.”
- New recommendations for related books, articles, videotapes and web sites

-And more Schools That Learn is the essential guide for anyone who cares about the future of education and keeping our nation’s schools competitive in our fast-changing world.

First International Conference, InterSol 2017 and Sixth Colloque National sur la Recherche en Informatique et ses Applications, CNRIA 2017, Dakar, Senegal, April 11-12, 2017, Proceedings Problems in Operation Research (Principles & Solution) Principles and Solutions

Guide to U.S. Health and Health Care Policy provides the analytical connections showing students how issues and actions are translated into public policies and institutions for resolving or managing health care issues and crises, such as the recent attempt to reform the national health care system. The Guide highlights the decision-making cycle that requires the cooperation of government, business, and an informed citizenry in order to achieve a comprehensive approach to advancing the nation’s health care policies. Through 30 topical, operational, and relational essays, the book addresses the development of the U.S. health care system and policies, the federal agencies and public and private organizations that frame and administer those policies, and the challenges of balancing the nation’s health care needs with the rising costs of medical research, cost-effective treatment, and adequate health insurance. Key Features: The 30 topical essays investigate the fundamental political, social, economic, and procedural initiatives that drive health and health care policy decisions affecting Americans at the local, regional, and national levels Essential themes traced throughout the chapters include providing access to health care, national and international intervention, nutrition and health, human and financial resource allocation, freedom of religion versus public policy, discrimination and health care policy, universal health care coverage, private health care versus publicly funded health care, and the immediate and long-term costs associated with disease prevention, treatment, and health maintenance A Glossary of Key Health Care Policy Terms and Events, a selected Master Bibliography, and a thorough Index are included. This must-have reference for political science and public policy students who seek to understand the issues affecting health care policy in

the U.S. is suitable for academic, public, high school, government, and professional libraries.

Painlevé Equations and Related Topics Springer

The Ninth Edition of Plumer’s Principles and Practice of Infusion Therapy provides clear, concise coverage of basic and advanced infusion procedures. Rely on this new edition for the most current coverage of intravenous therapy functions, procedures, standards, and equipment, along with practical new features and emphasis on safety considerations, as well as evidence-based practice. The book begins with an overview of IV therapy, including how to minimize risk and enhance performance, and then addresses assessment and monitoring; clinical decision making; patient specific therapies, and infusion therapy for children, the elderly, and across the continuum of care.

World Scientific

The authors challenge psychological perspectives on happiness and subjective wellbeing. Highlighting the politics of quantitative and qualitative methodologies, case studies across continents explore wellbeing in relation to health, children and youth, migration, economics, religion, family, land mines, national surveys, and indigenous identities.