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Diesel & Gas Turbine Catalog

Worldwide Engine Power Products Directory and Buyers Guide

Guide to Natural Gas Cogeneration

A user-oriented guide to both the engineering and the economic aspects of gas-fired cogeneration systems. This updated edition (1st was in 1987) contains 41 chapters in eight sections: advantages of natural gas-fired cogeneration, economic and engineering feasibility analysis, natural gas prime movers, natural gas for efficient electric generation, regulatory considerations, marketing cogeneration, natural gas distribution and pipeline company perspectives, case studies, and technological developments. A great deal of related information is presented in six appendices. Annotation c. by Book News, Inc., Portland, Or.

Power Farming in Australia and New Zealand Technical Manual

Charging System Troubleshooting

(the Easy Way).

The Naval Institute Guide to Combat Fleets of the World, 2005-2006

Their Ships, Aircraft, and Systems

Naval Inst Press Describes and illustrates the navies of over 170 nations of the world.

The Complete Guide to Chain

The Hidden Art of Interviewing People

How to get them to tell you the truth

John Wiley & Sons There is growing interest in the use of Neuro Linguistic Programming (NLP) as a Qualitative Market Research technique. NLP was previously used in psychology to understand how people think and react, and as a tool in self-development, interpersonal skills and business, looking at how our brains think and experience the world. Qualitative Market research experts now see that using NLP can help the researchers understand the human brain and, armed with this power, they can find out the truth from interviewees. The Hidden Art of Interviewing People shows how, by using NLP and related techniques in interviews, the market researcher can see beyond the obvious to the truth.

Significant Ships of ...

Municipal Journal, Public Works Engineer Contractor's Guide

The Waterways Journal

The Municipal Journal, Public Works Engineer and Contractors' Guide

Security Owner's Stock Guide

Scientific and Technical Aerospace Reports

Lists citations with abstracts for aerospace related reports obtained from world wide sources and announces documents that have recently been entered into the NASA Scientific and Technical Information Database.

The Wind Power Book

Cheshire Books A detailed look at the technology of wind generated power includes a comparison of various system designs, advice on assembling a wind power system, and an analysis of wind power availability in each state

Measurement, Instrumentation, and Sensors Handbook

Spatial, Mechanical, Thermal, and Radiation Measurement

CRC Press The Second Edition of the bestselling Measurement, Instrumentation, and Sensors Handbook brings together all aspects of the design and implementation of measurement, instrumentation, and sensors. Reflecting the current state of the art, it describes the use of instruments and techniques for performing practical measurements in engineering, physics, chemistry, and the life sciences and discusses processing systems, automatic data acquisition, reduction and analysis, operation characteristics, accuracy, errors, calibrations, and the incorporation of standards for control purposes. Organized according to measurement problem, the Spatial, Mechanical, Thermal, and Radiation Measurement volume of the Second Edition: Contains contributions from field experts, new chapters, and updates to all 96 existing chapters Covers instrumentation and measurement concepts, spatial and mechanical variables, displacement, acoustics, flow and spot velocity, radiation, wireless sensors and instrumentation, and control and human factors A concise and useful reference for engineers, scientists, academic faculty, students, designers, managers, and industry professionals involved in instrumentation and measurement research and development, Measurement, Instrumentation, and Sensors Handbook, Second Edition: Spatial, Mechanical, Thermal, and Radiation Measurement provides readers with a greater understanding of advanced applications.

The Day After Tomorrow

A Handbook on the Future of Economic Policy in the Developing World

World Bank Publications This book is a vision of how economic policy will evolve in developing countries over the next three-to-five years, delivered by renown practitioners working at the world's leading development institution.

The Dock and Harbour Authority

Popular Photography

Battery Reference Book

Elsevier Crompton's Battery Reference Book has become the standard reference source for a wide range of professionals and students involved in designing, manufacturing, and specifying products and systems that use batteries. This book is unique in providing extensive data on specific battery types, manufacturers and suppliers, as well as covering the theory - an aspect of the book which makes an updated edition important for every professional's library. The coverage of different types of battery is fully comprehensive, ranging from minute button cells to large installations weighing several hundred tonnes. Must-have information and data on all classes of battery in an accessible form Essential reference for design engineers in automotive and aerospace applications, telecommunications equipment, household appliances, etc. Informs you of developments over the past five years

Braby's East London Directory and Buyer's Guide

Offshore Blowouts: Causes and Control

Elsevier This book, based on the SINTEF Offshore Blowout Database, thoroughly examines U.S. Gulf of Mexico and Norwegian and UK North Sea blowouts that occurred from 1980 to 1994. This book reveals the operations that were in progress at the onset of the blowouts and helps you learn from the mistakes of others.

Popular Photography

King Lear

Courier Corporation Contains the unabridged text King Lear as published in Volume XVII of Tkhe Caxton Edition of the Complete Works of William Shakespeare.

Extractive Metallurgy of Niobium

Routledge The growth and development witnessed today in modern science, engineering, and technology owes a heavy debt to the rare, refractory, and reactive metals group, of which niobium is a member. *Extractive Metallurgy of Niobium* presents a vivid account of the metal through its comprehensive discussions of properties and applications, resources and resource processing, chemical processing and compound preparation, metal extraction, and refining and consolidation. Typical flow sheets adopted in some leading niobium-producing countries for the beneficiation of various niobium sources are presented, and various chemical processes for producing pure forms of niobium intermediates such as chloride, fluoride, and oxide are discussed. The book also explains how to liberate the metal from its intermediates and describes the physico-chemical principles involved. It is an excellent reference for chemical metallurgists, hydrometallurgists, extraction and process metallurgists, and minerals processors. It is also valuable to a wide variety of scientists, engineers, technologists, and students interested in the topic.

Operation and Maintenance Manual for Electrostatic Precipitators

Methylxanthines

Springer Science & Business Media In the present volume of the *Handbook of Experimental Pharmacology* well known experts describe the actions of different xanthines with a focus on caffeine and theophylline. A special chapter is devoted to theobromine, an active component of chocolate, the actions of which are less well characterized. This book also presents the pharmacology of one xanthine derivative, propentofylline, as an example of a xanthine that has gone through extensive development for a novel therapeutic area.

Drug Abuse Handbook, Second Edition

CRC Press Following the well-received first edition, the *Drug Abuse Handbook, Second Edition* is a thorough compendium of the knowledge of the pharmacological, medical, and legal aspects of drugs. The book examines criminalistics, pathology, pharmacokinetics, neurochemistry, treatment, as well as drugs and drug testing in the workplace and in sports, and the ethical, legal, and practical issues involved. Dr. Karch gathers contributions from 80 leading experts in their respective fields to update and revise this second edition with more than 40 percent new material. New topics include genetic testing in drug death investigation, the neurochemistry of nicotine and designer amphetamines, genetic doping in sports, and the implications of the Daubert ruling on the admissibility of scientific evidence in federal court. Packed with the latest information in an easily accessible format, the book includes tables of all Scheduled Drugs, methods of Drug Quantitative Analysis, and a glossary of forensic toxicology terms. Vivid pictures and diagrams illustrate the pathological effects of drugs and the chemical make-up and breakdown of abused drugs. It includes more than 6000 references to the best sources in medicine, pharmacology, and the law. This book addresses specific problems in drug testing, drug-related medical emergencies, and the physical, neurochemical, and sociological phenomenon of addiction. With unparalleled detail and the highest level of authoritative information, *The Drug Abuse Handbook, Second Edition* is the definitive resource for drug related issues.

The Maritime Engineering Reference Book

A Guide to Ship Design, Construction and Operation

Elsevier The *Maritime Engineering Reference Book* is a one-stop source for engineers involved in marine engineering and naval architecture. In this essential reference, Anthony F. Molland has brought together the work of a number of the world's leading writers in the field to create an inclusive volume for a wide audience of marine engineers, naval architects and those involved in marine operations, insurance and other related fields. Coverage ranges from the basics to more advanced topics in ship design, construction and operation. All the key areas are covered, including ship flotation and stability, ship structures, propulsion, seakeeping and maneuvering. The marine environment and maritime safety are explored as well as new technologies, such as computer aided ship design and remotely operated vehicles (ROVs). Facts, figures and data from world-leading experts makes this an invaluable ready-reference for those involved in the field of maritime engineering. Professor A.F. Molland, BSc, MSc, PhD, CEng, FRINA, is Emeritus Professor of Ship Design at the University of Southampton, UK. He has lectured ship design and operation for many years. He has carried out extensive research and published widely on ship design and various aspects of ship hydrodynamics. * A comprehensive overview from best-selling authors including Bryan Barrass, Rawson and Tupper, and David Eyres * Covers basic and advanced material on marine engineering and Naval Architecture topics * Have key facts, figures and data to hand in one complete reference book

Modeling and Simulating Cardiac Electrical Activity

IOP Publishing Limited This book provides a thorough introduction to the topic of mathematical modeling of electrical activity in the heart, from molecular details of ionic channel dynamics to clinically derived patient-specific models. It discusses how cellular ionic models are formulated, introduces commonly used models and explains why there are so many different models available. The chapters cover modeling of the intracellular calcium handling that underlies cellular contraction as well as modeling molecular-level details of cardiac ion channels, and specialized topics such as cardiomyocyte energetics and signalling pathways. It is an excellent resource for experienced and specialized researchers in the field, but also biological scientists with a limited background in mathematical modelling and computational methods. Key Features Thorough introduction to the topic of mathematical modeling of electrical activity in the heart Focuses on use of experimental data in mathematical modeling, and on explanations rather than equations In addition to being experts in the field, the contributing authors are expert science communicators

Critical Rehabilitation for Partial and Total Knee Arthroplasty

Guidelines and Objective Testing to Allow Return to Physical Function, Recreational and Sports Activities

Springer Nature Total knee arthroplasty (TKA) is a frequently performed operation - in the U.S. alone, 5.2 million TKAs were performed from 2000-2010 - and partial (unicompartmental) knee arthroplasty (UKA) is another common operation that is done in younger, active individuals. Many patients require knee arthroplasty from osteoarthritis that develops after sports injuries or decades of participation in athletics. While much has been written regarding technical surgical details of arthroplasty, there is comparably little available on critical rehabilitation principles and guidelines that allow return to normal physical function, as well as recreational and sports activities. Filling this gap in the literature, this group of internationally recognized surgeons and therapists discusses all aspects of critical rehabilitation following both partial and total knee replacement, including: Advances in surgical techniques for robotic computer-navigated knee arthroplasty Effects of preoperative rehabilitation and nutrition on postoperative function Specific rehabilitation principles to avoid complications and return to daily activities Advanced physical therapy concepts to return to recreational and sports activities Objective testing to determine strength and physical function in the arthroplasty athlete Recommended guidelines for recreational and sports activities Key factors for achieving high patient satisfaction and quality of life after surgery Presenting the most up-to-date evidence and guidelines, *Critical Rehabilitation for Partial and Total Knee Arthroplasty* will be an invaluable resource for orthopedic surgeons, physical therapists, athletic trainers, personal trainers and all professionals caring for patients seeking to return to full activity after knee replacement.

Sediment Quality Assessment

A Practical Guide

CSIRO PUBLISHING Contaminated sediments represent an ongoing threat to the health of aquatic ecosystems. The assessment of sediment quality is, therefore, an important concern for environmental regulators. Sediment quality guidelines are now well established in regulatory frameworks worldwide; however, practical guidance that covers all of the key aspects of sediment quality assessment is not readily available. In 2005, CSIRO published its highly cited Handbook for Sediment Quality Assessment. In the ensuing period, the science has advanced considerably. This practical guide is a revised and much expanded second edition, which will be a valuable tool for environmental practitioners. Written by experts in the field, it provides coverage of: sediment sampling; sample preparation; chemical analysis; ecotoxicology; bioaccumulation; biomarkers; and ecological assessment. In addition, detailed appendices describe protocols for many of the tests to be used.

Cyclin Dependent Kinase (CDK) Inhibitors

Springer Science & Business Media More than 10 years ago, the discovery of cyclin-dependent kinases (Cdks) ushered in a new era in the understanding of cell proliferation and its control. Not only were both of the known cell cycle transitions, from G1 to S phase and G2 to M phase, found to be dependent on these protein kinases, but the regulatory assumption intrinsic to cyclin-dependent kinases, a stable inactive catalytic subunit (the Cdk) and an unstable requisite positive regulatory activating subunit (the cyclin), led to a simple model for cell cycle control. Modulation of cyclin accumulation, and thereby Cdk activation, was proposed to be the overarching principle governing the passage through cell cycle phases. An other reality to emerge from the discovery of Cdks was the exceptional degree of evolutionary conservation maintained in the machinery and organization of proliferation control. Not only were Cdks shown to be structurally conserved between yeast and man, but mammalian Cdks could substitute functionally for the endogenous enzymes in a yeast cell. The problem of cell cycle control was thought to have been virtually solved. The ensuing years have provided a much more complex view of cell cycle control and the role and regulation of Cdks. The uncritical enthusiasm with which many of the ideas were embraced has required tempering. For example, although Cdks appear to be highly conserved phylogenetically, cyclins are much less so.

The Ancient Hebrew Lexicon of the Bible

Ancient Hebrew Research Center All previous Biblical Hebrew lexicons have provided a modern western definition and perspective to Hebrew roots and words. This prevents the reader of the Bible from seeing the ancient authors' original intent of the passages. This is the first Biblical Hebrew lexicon that defines each Hebrew word within its original Ancient Hebrew cultural meaning. One of the major differences between the Modern Western mind and the Ancient Hebrew's is that their mind related all words and their meanings to a concrete concept. For instance, the Hebrew word "chai" is normally translated as "life", a western abstract meaning, but the original Hebrew concrete meaning of this word is the "stomach". In the Ancient Hebrew mind, a full stomach is a sign of a full "life". The Hebrew language is a root system oriented language and the lexicon is divided into sections reflecting this root system. Each word of the Hebrew Bible is grouped within its roots and is defined according to its original ancient cultural meaning. Also included in each word entry are its alternative spellings, King James translations of the word and Strong's number. Indexes are included to assist with finding a word within the lexicon according to its spelling, definition, King James translation or Strong's number.

Britain, France and the Decolonization of Africa

Future Imperfect?

UCL Press Looking at decolonization in the conditional tense, this volume teases out the complex and uncertain ends of British and French empire in Africa during the period of 'late colonial shift' after 1945. Rather than view decolonization as an inevitable process, the contributors together explore the crucial historical moments in which change was negotiated, compromises were made, and debates were staged. Three core themes guide the analysis: development, contingency and entanglement. The chapters consider the ways in which decolonization was governed and moderated by concerns about development and profit. A complementary focus on contingency allows deeper consideration of how colonial powers planned for 'colonial futures', and how divergent voices greeted the end of empire. Thinking about entanglements likewise stresses both the connections that existed between the British and French empires in Africa, and those that endured beyond the formal transfer of power.

Handbook of AI-based Metaheuristics

CRC Press At the heart of the optimization domain are mathematical modeling of the problem and the solution methodologies. The problems are becoming larger and with growing complexity. Such problems are becoming cumbersome when handled by traditional optimization methods. This has motivated researchers to resort to artificial intelligence (AI)-based, nature-inspired solution methodologies or algorithms. The Handbook of AI-based Metaheuristics provides a wide-ranging reference to the theoretical and mathematical formulations of metaheuristics, including bio-inspired, swarm-based, socio-cultural, and physics-based methods or algorithms; their testing and validation, along with detailed illustrative solutions and applications; and newly devised metaheuristic algorithms. This will be a valuable reference for researchers in industry and academia, as well as for all Master's and PhD students working in the metaheuristics and applications domains.

Cumulated Index Medicus

Popular Photography

Electroceuticals

Advances in Electrostimulation Therapies

Springer This book covers recent advances in the use of electrostimulation therapies in movement disorders, epilepsy, inflammatory bowel disease, memory and cognition, disorders of consciousness, foot drop, dysphagia, brain injury, headache, heart failure, hearing loss, and rheumatoid arthritis. It describes techniques such as vagus nerve stimulation, deep brain stimulation, and electrical stimulation of the pharyngeal nerve. Electroceuticals: Advances in Electrostimulation Therapies is aimed at clinicians and basic researchers in the fields of neurology, neurosurgery, cardiology and rheumatology.

De los recursos naturales a la economía del conocimiento

comercio y calidad del empleo

World Bank This report addresses three concerns about the structure of trade in Latin American and Caribbean economies. The first is whether natural wealth and exports of natural resource-intensive commodities hampers economic development. The second concern is that natural resources create a concentrated export structure which exacerbates economic volatility and thus reduces growth. The third concern is that international trade might eliminate jobs. The wide-ranging report cites the experience of Australia, Canada, Finland, Sweden, and the United States, as well as some Latin American countries, to show how successful economies have been built on the basis of primary commodity exports.

Funology 2

From Usability to Enjoyment

Springer How should we understand and design for fun as a User Experience? This new edition of a classic book is for students, designers and researchers who want to deepen their understanding of fun in the context of HCI. The 2003 edition was the first book to do this and has been influential in broadening the field. It is the most downloaded book in the Springer HCI Series. This edition adds 14 new chapters that go well beyond the topics considered in 2003. New chapter topics include: online dating, interactive rides, wellbeing, somaesthetics, design fiction, critical design and participatory design methods. The first edition chapters are also reprinted, with new notes by their authors setting the context in which the 2003 chapter was written and explaining the developments since then. Taken with the new chapters this adds up to a total of 35 theoretical and practical chapters written by the most influential thinkers from academia and industry in this field.