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RIVERA GAIGE

Chemical Process Design and Simulation: Aspen Plus and Aspen Hysys Applications

Palgrave Macmillan
 Differential Equations for Engineers and Scientists is intended to be used in a first course on differential equations taken by science and engineering students. It covers the standard topics on differential equations with a wealth of applications drawn from engineering and science--with more engineering-specific examples than any other similar text. The text is the outcome of the lecture notes developed by the authors over the years in teaching differential equations to engineering students.

Norbert Elias and Social Theory Transaction Publishers
 20-1100

[Architectures of Time](#) Cambridge University Press

The special needs of women with disabilities have been disregarded in a wide variety of vital areas. Issues pertain to women as wives and mothers. Studies of the effects on female sexuality of such conditions as renal disease and diabetes are lacking, though the sexual functioning of men with these diseases has been researched. On the economic front, the Federal-State

Vocational Rehabilitation system and the regulations concerning disability benefits under Social Security provide less adequately for women than for men. Hopefully, this volume will raise the consciousness of its readers to the special status of women with disabilities as a minority group experiences multiple sources of discriminations.

The 2001 Outbreak of Foot and Mouth Disease Lars Muller Publishers

Summary: The production of forestry products is based on a complex chain of knowledge in which the biological material wood with all its natural variability is converted into a variety of fiber-based products, each one with its detailed and specific quality requirements. This four volume set covers the entire spectrum of pulp and paper chemistry and technology from starting material to processes and products including market demands. Supported by a grant from the Ljungberg Foundation, the Editors at the Royal Institute of Technology, Stockholm, Sweden coordinated over 30 authors from university and industry to create this comprehensive overview. This work is essential for all students of wood science and a useful reference for those working in the pulp and paper industry or on the chemistry of renewable resources

Archives and Human Rights BRILL

Human ecology is ultimately part of a general theory of society. This is the argument developed here by Roy Ellen, whose exploration of the interplay between social organization and ecology in small-scale subsistence systems has direct bearings both on the investigation of human environmental relations in general and on contemporary social theory. He argues that while ecological study of non-industrial societies cannot be elevated to the status of theory, domain or discipline, it can be represented as a single 'problematic' that historically has acquired some degree of autonomy and which continues to make a significant contribution to a wider anthropology. Dr Ellen introduces his subject matter through an extended and systematic discussion of some major frameworks developed within the last hundred years to examine and explain facets of the relationship between culture, social organization and the environment: determinism, possibilism, cultural ecology, systems theory and ideas derived from modern biology. He follows this with a detailed review and appraisal of important recent research involving the use of ecological models, methods and data. This original and innovative study of the pre-eminently social character of human ecological relations will be of considerable interest to all students and researchers concerned with understanding the nature of the relationship between human beings and their environments.

Thermodynamic Properties of Air Springer

This three-volume bibliography of printing, published 1880-6, quickly became a classic reference work, and is still of value today.

Poland After Solidarity Butterworth-Heinemann

Andy Kirkpatrick and Zhichang Xu offer a response to the argument that Chinese students' academic writing in English is influenced by "culturally nuanced rhetorical baggage that is uniquely Chinese and hard to eradicate." Noting that this argument draws from "an essentially monolingual and Anglo-centric view of writing," they point out that the rapid growth in the use of English worldwide calls for "a radical reassessment of what English is in today's world." The result is a book that provides teachers of writing, and in particular those involved in the teaching of English academic writing to Chinese students, an introduction to key stages in the development of Chinese rhetoric, a wide-ranging field with a history of several thousand years. Understanding this important rhetorical tradition provides a strong foundation for assessing and responding to the writing of this growing group of students.

Marine Steam Turbine CRC Press

Opstiller tabeller udvisende varmets indflydelse på luften og andre relationer, der bl.a. har indflydelse ved beregning af gasturbinemotorers funktioner og ydeevne

Intellectual Privilege Elsevier

X-Ray Architecture explores the enormous impact of medical discourse and imaging technologies on the formation, representation and reception of twentieth-century architecture. It challenges the normal understanding of modern architecture by proposing that it was shaped by the dominant medical obsession of its time: tuberculosis and its primary diagnostic tool, the X-ray. Modern architecture and the X-ray were born around the same time and evolved in parallel. While the X-ray exposed the inside of the body to the public eye, the modern building unveiled its interior, dramatically inverting the relationship between private and public. Architects presented their buildings as a kind of medical instrument for protecting and enhancing the body and psyche. Beatriz Colomina traces the psychopathologies of twentieth-century architecture--from the trauma of tuberculosis to more recent disorders such as burn-out syndrome and ADHD--and the huge transformations of privacy and publicity instigated

by diagnostic tools from X-Rays to MRIs and beyond. She suggests that if we want to talk about the state of architecture today, we should look to the dominant obsessions with illness and the latest techniques of imaging the body--and ask what effects they have on the way we conceive architecture. --Publisher's website.

Pulp and Paper Chemistry and Technology, 4 Vols Bloomsbury Publishing

Developed to complement Reeds Vol 12 (Motor Engineering for Marine Engineers), this textbook is key for all marine engineering officer cadets. Accessibly written and clearly illustrated, General Engineering Knowledge for Marine Engineers takes into account the varying needs of students studying 'general' marine engineering, recognising recent changes to the Merchant Navy syllabus and current pathways to a sea-going engineering career. It includes the latest equipment, practices and trends in marine engineering, as well as incorporating the 2010 Manila Amendments, particularly relating to management. It is an essential buy for any marine engineering student. This new edition reflects all developments within the discipline and includes updates and additions on, amongst other things: · Corrosion, water treatments and tests · Refrigeration and air conditioning · Fuels, such as LNG and LPG · Insulation · Low sulphur fuels · Fire and safety Plus updates to many of the technical engineering drawings.

Working with Academic Literacies Walter de Gruyter

Why and how can records serve as evidence of human rights violations, in particular crimes against humanity, and help the fight against impunity? Archives and Human Rights shows the close relationship between archives and human rights and discusses the emergence, at the international level, of the principles of the right to truth, justice and reparation. Through a historical overview and topical case studies from different regions of the world the book discusses how records can concretely support these principles. The current examples also demonstrate how the perception of the role of the archivist has undergone a metamorphosis in recent decades, towards the idea that archivists can and must play an active role in defending basic human rights, first and foremost by enabling access to documentation on human rights violations. Confronting painful memories of the past is a way to make the ghosts disappear and begin building a brighter, more serene future. The establishment of international justice mechanisms and the creation of truth commissions are important elements of this process. The healing begins with the acknowledgment that painful chapters are essential parts of history; archives then play a crucial role by providing evidence. This book is both a tool and an inspiration to use archives in defence of human rights. The Open Access version of this book, available at <http://www.taylorfrancis.com/books/e/ISBN>, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license.

Novel Biomaterials Getty Publications

Explore the Social, Technological, and Economic Impact of Heat Pump Drying Heat pump drying is a green technology that aligns with current energy, quality, and environmental concerns, and when compared to conventional drying, delivers similar quality at a lower cost. Heat Pump Dryers: Theory, Design and Industrial Applications details the progressio

UMTA-IT Chemical Process Design and Simulation: Aspen Plus and Aspen Hysys Applications

Chemical Process Design and Simulation: Aspen Plus and Aspen Hysys Applications John Wiley & Sons

Reeds Vol 8 General Engineering Knowledge for Marine Engineers Parlor Press LLC

This book serves as a training tool for individuals in industry and academia involved with heat transfer applications. Although the literature is inundated with texts emphasizing theory and theoretical derivations, the goal of this book is to present the subject of heat transfer from a strictly pragmatic point of view. The book is divided into four Parts: Introduction, Principles, Equipment Design Procedures and Applications, and ABET-related Topics. The first Part provides a series of chapters concerned with introductory topics that are required when solving most engineering problems, including those in heat transfer. The second Part of the book is concerned with heat transfer principles. Topics that receive treatment include Steady-state Heat Conduction, Unsteady-state Heat Conduction, Forced Convection, Free Convection, Radiation, Boiling and Condensation, and Cryogenics. Part three (considered the heart of the book) addresses heat transfer equipment design procedures and applications. In addition to providing a detailed treatment of the various types of heat exchangers, this part also examines the impact of entropy calculations on exchanger design, and operation, maintenance and inspection (OM&I), plus refractory and insulation effects. The concluding Part of the text examines ABET (Accreditation Board for Engineering and Technology) related topics of concern, including economics and finance, numerical methods, open-ended problems, ethics, environmental management, and safety and accident management.

Norbert Elias and Empirical Research John Wiley & Sons
Healthcare decision makers in search of reliable information that compares health interventions increasingly turn to systematic reviews for the best summary of the evidence. Systematic reviews identify, select, assess, and synthesize the findings of similar but separate studies, and can help clarify what is known and not known about the potential benefits and harms of drugs, devices, and other healthcare services. Systematic reviews can be helpful for clinicians who want to integrate research findings into their daily practices, for patients to make well-informed choices about their own care, for professional medical societies and other organizations that develop clinical practice guidelines. Too often systematic reviews are of uncertain or poor quality. There are no universally accepted standards for developing systematic reviews leading to variability in how conflicts of interest and biases are handled, how evidence is appraised, and the overall scientific rigor of the process. In *Finding What Works in Health Care* the Institute of Medicine (IOM) recommends 21 standards for developing high-quality systematic reviews of comparative effectiveness research. The standards address the entire systematic review process from the initial steps of formulating the topic and building the review team to producing a detailed final report that synthesizes what the evidence shows and where knowledge gaps remain. *Finding What Works in Health Care* also proposes a framework for improving the quality of the science underpinning systematic reviews. This book will serve as a vital resource for both sponsors and producers of systematic reviews of comparative effectiveness research.

Women and Disability John Wiley & Sons

This sumptuously illustrated volume analyzes artists' representations of angels and demons and heaven and hell from the Judeo-Christian tradition and describes how these artistic portrayals evolved over time. As with other books in the *Guide to Imagery* series, the goal of this volume is to help contemporary art enthusiasts decode the symbolic meanings in the great masterworks of Western Art. The first chapter traces the development of images of the Creation and the Afterworld from descriptions of them in the Scriptures through their evolution in later literary and philosophical works. The following two chapters

examine artists' depictions of the two paths that humans may take, the path of evil or the path of salvation, and the punishments or rewards found on each. A chapter on the Judgment Day and the end of the world explores portrayals of the mysterious worlds between life and death and in the afterlife. Finally, the author looks at images of angelic and demonic beings themselves and how they came to be portrayed with the physical attributes--wings, halos, horns, and cloven hooves--with which we are now so familiar. Thoroughly researched by and expert in the field of iconography, *Angels and Demons in Art* will delight readers with an interest in art or religious symbolism.

Boiling Water Reactor Plant Springer Science & Business Media

An exploration of twentieth-century conceptions of time and their relation to artistic form. In *Architectures of Time*, Sanford Kwinter offers a critical guide to the modern history of time and to the interplay between the physical sciences and the arts. Tracing the transformation of twentieth-century epistemology to the rise of thermodynamics and statistical mechanics, Kwinter explains how the demise of the concept of absolute time, and of the classical notion of space as a fixed background against which things occur, led to field theory and a physics of the "event." He suggests that the closed, controlled, and mechanical world of physics gave way to the approximate, active, and qualitative world of biology as a model of both scientific and metaphysical explanation. Kwinter examines theory of time and space in Einstein's theories of relativity and shows how these ideas were reflected in the writings of the sculptor Umberto Boccioni, the town planning schema of the Futurist architect Antonio Sant'Elia, the philosophy of Henri Bergson, and the writings of Franz Kafka. He argues that the writings of Boccioni and the visionary architecture of Sant'Elia represent the earliest and most profound deployments of the concepts of field and event. In discussing Kafka's work, he moves away from the thermodynamic model in favor of the closely related one of Bergsonian *duree*, or virtuality. He argues that Kafka's work manifests a coherent cosmology that can be understood only in relation to the constant temporal flux that underlies it.

CRC Press

Although the basic theories of thermodynamics are adequately covered by a number of existing texts, there is little literature that addresses more advanced topics. In this comprehensive work the author redresses this balance, drawing on his twenty-five years of experience of teaching thermodynamics at undergraduate and postgraduate level, to produce a definitive text to cover thoroughly, advanced syllabuses. The book introduces the basic concepts which apply over the whole range of new technologies, considering: a new approach to cycles, enabling their irreversibility to be taken into account; a detailed study of combustion to show how the chemical energy in a fuel is converted into thermal energy and emissions; an analysis of fuel cells to give an understanding of the direct conversion of chemical energy to electrical power; a detailed study of property relationships to enable more sophisticated analyses to be made of both high and low temperature plant and irreversible thermodynamics, whose principles might hold a key to new ways of efficiently covering energy to power (e.g. solar energy, fuel cells). Worked examples are included in most of the chapters, followed by exercises with solutions. By developing thermodynamics from an explicitly equilibrium perspective, showing how all systems attempt to reach a state of equilibrium, and the effects of these systems when they cannot, the result is an unparalleled insight into the more advanced considerations when converting any form of energy into power, that will prove invaluable to students and professional engineers of all

disciplines.

[Hydrothermal Uranium Deposits](#) McGraw-Hill Europe

Adsorption by Carbons covers the most significant aspects of adsorption by carbons, attempting to fill the existing gap between the fields of adsorption and carbonaceous materials. Both basic and applied aspects are presented. The first section of the book introduces physical adsorption and carbonaceous materials, and is followed by a section concerning the fundamentals of adsorption by carbons. This leads to development of a series of theoretical concepts that serve as an introduction to the following section in which adsorption is mainly envisaged as a tool to characterize the porous texture and surface chemistry of carbons. Particular attention is paid to some novel nanocarbons, and the electrochemistry of adsorption by carbons is also addressed. Finally, several important technological applications of gas and liquid adsorption by carbons in areas such as environmental protection and energy storage constitute the last section of the book. The first book to address

the interplay between carbonaceous materials and adsorption

Includes important environmental applications, such as the removal of volatile organic compounds from polluted atmospheres Covers both gas-solid and liquid-solid adsorption
2020 Handbook of Emergency Cardiovascular Care for Healthcare Providers MIT Press

Current research revolves around trends to bring technology into harmony with the natural environment and in order to protect the ecosystem. Bioremediation involves processes which reduce the overall treatment costs by using agricultural residues.

Regeneration of the biosorbent further increases the cost effectiveness of the process, thus warranting its future success in solving water quality problems. Special emphasis is paid to chemical modifications resulting in tailored novel biomaterials which improve its sorption efficiency and environmental stability. In this way it can be used commercially as a simple, fast, economical, ecofriendly green technology, for the removal of toxic metals from waste water particularly in rural and remote areas of the country.

Best Sellers - Books :

- [Jackie: Public, Private, Secret](#) By J. Randy Taraborrelli
- [The Creative Act: A Way Of Being](#)
- [The Ballad Of Songbirds And Snakes \(a Hunger Games Novel\) \(the Hunger Games\)](#)
- [Haunting Adeline \(cat And Mouse Duet\)](#)
- [Mad Honey: A Novel](#) By Jodi Picoult
- [Are You There God? It's Me, Margaret.](#)
- [I Love You To The Moon And Back](#)
- [Icebreaker: A Novel \(the Maple Hills Series\)](#)
- [My Butt Is So Christmassy!](#) By Dawn Mcmillan
- [Dark Future: Uncovering The Great Reset's Terrifying Next Phase \(the Great Reset Series\) By Glenn Beck](#)