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Visual Basic .NET Codemaster's Library Matt Tagliaferri,2002-04-04

Experienced VB.NET programmers, as well as experienced Visual Basic 6 programmers can learn the VB.NET's new features through the code examples included in this book.

The Heavy Oil Resources of the United States Richard Nehring,Ronald Wayne Hess,Murray Kamionski,Rand Corporation,1983 The purpose of this report is to provide a comprehensive analysis of domestic heavy oil resources. Toward this end, the authors have constructed a comprehensive, systematically organized database of the general characteristics of the significant heavy oil fields in the contiguous 48 states, and then used this database to describe domestic in-place heavy oil resources and to analyze their recovery and production potential, considering both technical and economic factors. Section II describes the database. Section III discusses the geographic and geologic distribution of heavy in-place oil resources in the contiguous 48 states, the gross reservoir and fluid characteristics of these resources, and previous cumulative production and current reserves of heavy oil. Section IV analyzes the technology and economics of domestic heavy oil recovery. Section V presents three scenarios for domestic heavy oil production in the year 2000.

Dictionary of French and English, English and French John Bellows,1911

Introduction to Health Physics: Fourth Edition Herman Cember,Thomas E. Johnson,2008-05-04 A dynamic, all-inclusive overview of the field of health

physics If it's an important topic in the field of health physics, you'll find it in this trusted text . . . in sections on physical principles, atomic and nuclear structure, radioactivity, biological effects of radiation, and instrumentation. This one-of-a-kind guide spans the entire scope of the field and offers a problem-solving approach that will serve you throughout your career. Features: A thorough overview of need-to-know topics, from a review of physical principles to a useful look at the interaction of radiation with matter Chapter-ending practice problems to solidify your grasp of health physics topics and their real-world application Essential background material on quantitative risk assessment for health-threatening radiation dangers Authoritative radiation safety and environmental health coverage that supports the International Commission on Radiological Protection's standards for specific populations High-yield appendices to expand your comprehension of chapter material: Values of Some Useful Constants, Table of the Elements, The Reference Person, Specific Absorbed Fraction of Photon Energy, and Total Mass Attenuation Coefficients NEW! Essential coverage of non-ionizing radiation-laser and microwaves, computer use in dose calculation, and dose limit recommendations

Belgrade 1521-1867 editor Dragana Amedoski, 2018-12-26

Concrete Mix Design, Quality Control and Specification, (with CD ROM), Second Edition Ken W. Day, 1999-09-09 The latest edition of this established book has been brought completely up-to-date with recent advances in concrete

technology. A practical reference, it illustrates how computers and high-tech testing equipment can save time and money in controlling concrete. The philosophies and methods can be applied to a full range of types of concrete and on straight forward to advance construction projects. On the CD ROM the author gives live colour displays with spoken commentaries of all Conad products and their origins and provides free working mix design and QC programs.

High Voltage and Electrical Insulation Engineering Ravindra Arora, Wolfgang Mosch, 2022-03-10 High Voltage and Electrical Insulation Engineering A comprehensive graduate-level textbook on high voltage insulation engineering, updated to reflect emerging trends and techniques in the field High Voltage and Electrical Insulation Engineering presents systematic coverage of the behavior of dielectric materials. This classic textbook opens with clear explanations of fundamental terminology, electric-field classification, and field estimation techniques. Subsequent chapters describe the field dependent performance of gaseous, vacuum, liquid, and solid dielectrics under different classified field conditions, and illustrate the monitoring of electrical insulation conditions by both single and continuous online methods. Throughout the text, numerous tables, figures, diagrams, and images are provided to strengthen understanding of all material. Fully revised to incorporate the most current technological application techniques, the second edition offers an entirely new section on condition monitoring of electrical

insulation. Updated chapters discuss recent developments in gas-filled power apparatus, present-day trends in the use replacement of liquid insulating materials, the latest applications of new solid dielectrics in high voltage engineering, vacuum technology and liquid insulating materials, and more. This edition features a brand-new case study exploring the estimation of clearance requirements for 25 kV electric traction. Readers will also find the new edition: Provides new coverage of advances in the field, such as the application of polymer insulators and the use of SF6 gas and its mixtures in gas-insulated systems/substations (GIS) Uses a novel approach that explores the field dependent behavior of dielectrics Explains the "weakly nonuniform field," a unique concept introduced both conceptually and analytically in Germany A separate chapter provides the new approach to the mechanism of lightning phenomenon, which also includes the phenomenon of "Ball Lightning" The dielectric properties of vacuum and the development in the application of vacuum technology in power circuit breakers is covered in an exclusive chapter In-depth coverage of the performance of the sulphur-hexafluoride gas and its mixtures applicable to the design of Gas Insulated Systems including dry power transformers High Voltage and Electrical Insulation Engineering, Second Edition, remains the perfect textbook for graduate students, teachers, academic researchers, and utility and power industry engineers and scientists involved in the field.

Protective Relaying J. Lewis Blackburn, Thomas J. Domin, 2015-09-15 For many

years, Protective Relaying: Principles and Applications has been the go-to text for gaining proficiency in the technological fundamentals of power system protection. Continuing in the bestselling tradition of the previous editions by the late J. Lewis Blackburn, the Fourth Edition retains the core concepts at the heart of power system analysis. Featuring refinements and additions to accommodate recent technological progress, the text: Explores developments in the creation of smarter, more flexible protective systems based on advances in the computational power of digital devices and the capabilities of communication systems that can be applied within the power grid Examines the regulations related to power system protection and how they impact the way protective relaying systems are designed, applied, set, and monitored Considers the evaluation of protective systems during system disturbances and describes the tools available for analysis Addresses the benefits and problems associated with applying microprocessor-based devices in protection schemes Contains an expanded discussion of intertie protection requirements at dispersed generation facilities Providing information on a mixture of old and new equipment, Protective Relaying: Principles and Applications, Fourth Edition reflects the present state of power systems currently in operation, making it a handy reference for practicing protection engineers. And yet its challenging end-of-chapter problems, coverage of the basic mathematical requirements for fault analysis, and real-world examples ensure engineering students receive a practical, effective education on

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The Cheap Video Cookbook Don Lancaster, 1978 Some basics. Software design. Hardware design. Building the TVT 6 5/8. Transparency.

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Applied Process Design for Chemical and Petrochemical Plants Ernest E. Ludwig, 1965

Applied Process Design for Chemical and Petrochemical Plants: Ernest E. Ludwig, 2001-08-13 This third edition of *Applied Process Design for Chemical and Petrochemical Plants*, Volume 3, is completely revised and updated throughout to make this standard reference more valuable than ever. It has been expanded by more than 200 pages to include the latest technological and process developments in heat transfer, refrigeration, compression and compression surge drums, and mechanical drivers. Like other volumes in this classic series, this one emphasizes how to apply techniques of process design

and how to interpret results into mechanical equipment details. It focuses on the applied aspects of chemical engineering design to aid the design and/or project engineers in rating process requirements, specifying for purchasing purposes, and interpreting and selecting the mechanical equipment needed to satisfy the process functions. Process chemical engineering and mechanical hydraulics are included in the design procedures. Includes updated information that allows for efficiency and accuracy in daily tasks and operations Part of a classic series in the industry

Fundamentals of Sociology Gisbert, P. S. J., 1973 The third, expanded edition of this well-known text on sociology has detailed analyses of the economic system, industry, population and food supply. Importance has been given to forces such as industrialisation and the Green Revolution that have helped to shape modern India. A comprehensive text, useful to both teachers and students.

Advanced Polymeric Materials Sabu Thomas, Nandakumar Kalarikkal, Maciej Wladyslaw Jaroszewski, Josmin P. Jose, 2021-03-31 The aim of this new compendium is to provide a solid understanding of the recent developments in advanced polymeric materials from macro- to nano-length scales. Composites are becoming more important because they can help to improve our quality of life, such as being put into service in flight vehicles, automobiles, boats, pipelines, buildings, roads, bridges, and dozens of other products, including medical products. The chapters cover a multitude of important advances,

including explanations of the significance of the new fillers, like graphene and carbon nanotubes, in different matrix systems. Coverage of the application of these materials in biological and others fields also makes this book unique. Topics include advances on the processing, properties, recyclability, and reparability, and applications for polymer matrix composites, ceramic matrix composites, carbon matrix composites, wood-based composites, biocomposites, eco-composites, nanocomposites, and more.

The Archaeology of Gender Diana diZerega Wall, 1994-02-28 Historical archaeologists often become so involved in their potsherd patterns they seldom have time or energy left to address the broader processes responsible for the material culture patterns they recognize. Some of us have urged our colleagues to use the historical record as a springboard from which to launch hypotheses with which to better understand the behavioral and cultural processes responsible for the archaeological record. Too often, this urging has resulted in reports designed like a sandwich, having a slice of historical background, followed by a totally different archaeological record, and closed with a weevil-ridden slice of interpretation of questionable nutritive value for understanding the past. The reader is often left to wonder what the archaeological meat had to do with either slice of bread, since the connection between the documented history and the material culture is left to the reader's imagination, and the connection between the interpretation and the other disparate parts is tenuous at best. The plethora of stale

archaeological sandwiches in the literature has resulted at the methodological level from a too-narrow focus on the specific history and archaeology of a site and the individuals involved on it, rather than a focus on the explanation of broader processes of culture to which the actors and events at the site-specific level responded.

Electrical Engineer's Pocket-book Horatio Alvah Foster, 1913

Concrete Mixture Proportioning Francois de Larrard, 1999-03-04 The design of concrete mixes is becoming increasingly complex, with the addition of new materials in the compounds, such as organic admixtures, fibres and supplementary cementitious materials. Moreover, the list of properties which concretes are required to possess for certain applications has increased, and interest is developing in rheology, durability, deformability and whole-life behaviour. This book presents a number of simple models for the understanding of a concrete system, and provides the techniques for developing more sophisticated models for the practical design of concrete mixes.

Wind Energy Conversion Systems S.M. Mueen, 2012-01-04 This exploration of the technical progress of wind energy conversion systems also examines potential future trends and includes recently developed systems such as those for multi-converter operation of variable-speed wind generators and lightning protection.

Origins of Anatomically Modern Humans Doris V. Nitecki, Matthew H. Nitecki, 2013-11-11 This volume is based on the Field Museum of Natural

History Spring Systematics Symposium held in Chicago on May 11, 1991. The financial support of Ray and Jean Auel and of the Field Museum is gratefully acknowledged. When we teach or write, we present only those elements that support our arguments. We avoid all weak points of our debate and all the uncertainties of our models. Thus, we offer hypotheses as facts.

Multiauthored books like ours, which simultaneously advocate and question diverse views, avoid the pitfalls and lessen the impact of indoctrination. In this volume we analyze the anthropological and biological disagreements and the positions taken on the origins of modern humans, point out difficulties with the interpretations, and suggest that the concept of the human origin can be explained only when we first attempt to define *Homo sapiens sapiens*. One of the major controversies in physical anthropology concerns the geographic origin of anatomically modern humans. It is undisputed, due to the extensive research of the Leakeys and their colleagues, that the family Hominidae originated in Africa, but the geographic origin of *Homo sapiens sapiens* is less concretely accepted. Two schools of thought exist on this topic.

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